



Daily Activity and Cost Summary

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Job Category Drilling	Primary Job Type Drilling - original	Secondary Job Type Drilling - original	Status 1
Start Date 21/06/2012	End Date	AFE Number	Total AFE + Supp Amount (Cost)

Objective

Summary

Contractor PATTERSON-UTI DRILLING CO. CANADA	Rig Number 3	Rig Type
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Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
1.0	21/06/2012	28/06/2012			Cost from excel reports
2.0	29/06/2012	30/06/2012	0.00		Performed accumulator function test. Held safety meeting on diverter operations and then conducted drill. Max circulating rate, with water, using return pump - 1.7 m3/min. Held safety meeting on and performed drill for high angle rescue / medical ERP with both crews. Continue rigging up to spud and organizing location. Start mixing gel mud. Prespud inspections done by Northern Cross Yukon and Patterson UTI.
3.0	30/06/2012	01/07/2012	0.00		Diverter drill held with night crew, Continue mixing mud for premix and active system, Recalibrate PVT floats, Conduct a spill response drill and safety meeting, Slip and cut drilling line. Prespud meeting held with both crews, service hands and Rocky Snippa.
4.0	01/07/2012	02/07/2012	0.00		Held diverter drills with both crews. Finish pre-mixing gel-chem spud mud. Organize lease and rig floor in preparation to spud. Set high and low limits on topdrive, calibrate, and train drillers on use. Conduct on-site rig inspections with CNOOC inspectors.
5.0	02/07/2012	03/07/2012			Continue rigging up to spud, Pick up BHA and install Extreme MWD tool, Hold prespud meeting with day crew, Trouble shoot and fix flare tank ignighter, Spud NCY McParlon @ 20:30 hrs, July 2, 2012, Trouble shoot SCR (3rd SCR not working), POOH and lay down MWD / bit jets due to suspicious high pressure.
6.0	03/07/2012	04/07/2012	0.00		Drill out conductor cement. Displace to gel-chem mud. Drill from 28m to 37m, POOH to lay out MWD tool (excessively high pump pressure). Troubleshoot SCR and PLC problems, ordered electrician. Drill from 37m to 63m, POOH to change bit and install new MWD probe. Drill from 63m to 74m with one pump at 2.5m3/min due to SCR problems. Second MWD probe still produces high pump pressure (8000 kPa pressure increase).
7.0	04/07/2012	05/07/2012	0.00		Drill with one pump at 2.5m3/min to 155m. Troubleshoot SCR #2 with electrician. Pump and spot LCM sweep, POOH, remove MWD tool and clean bit. Change out SCR #2 DC module. RIH. Test pumps (able to achieve 4m3/min).
8.0	05/07/2012	06/07/2012	0.00		RIH and circulate LCM out of the hole, Drill 444.5mm hole f/155-237m (Drill with one pump from 23:00 hrs on), Diverter drills held with both crews.
9.0	06/07/2012	07/07/2012	0.00		Drill 444.5mm hole f/237m to 297m (Drill with one pump from 00:00 hrs to 7:00 hrs), Circulate hole clean and level rig with Rocky rig Jackers, Pressure test manifold valves with Daler pressure tester, Diverter drills held with both crews.
10.0	07/07/2012	08/07/2012	0.00		Drill 444.5mm hole f/297m to 377m, Surface TD. Circulate hole clean, Trip out to Log. Rig to and log with Schlumberger Run #1 AIT, TLD,HGNS,HNGS. Diverter drills held with both crews.
11.0	08/07/2012	09/07/2012			Log with Schlumberger Run #1 AIT, TLD,HGNS,HNGS. Bridged off @ 181m, Log up to surface, Trip in with 444.5mm bit and clean bridges from 181m to bottom. Circulate hole clean trip out to log. Log Run #1 from 377m to 181m, Run #2 377-0m Diverter drills held with both crews.
12.0	09/07/2012	10/07/2012	0.00		Rig out loggers, Wiper trip & pickup drill pipe for cementing. Run 29-jts 339.7mm 101.2kg/m K-55 Csg Set @ 374.63mkb, Circulate hole clean, Trip in with D.P. to cement. Cond mud to cement.
13.0	10/07/2012	11/07/2012			Continue circulating casing, Cement 444.5mm casing with 16.9m3 of ArcticCem lead and 11m3 G cement tail. Full returns (5m3) until displacement. Floats held with no apparent fallback. POOH w/ inner string and WOC. Nipple down diverter and found cement top had dropped to 38m. Prepare to do a top up job with spaghetti string.
14.0	11/07/2012	12/07/2012			W.O.C, Recement csg annulus with cement string set @ 17m 2-tons "G"+3% cacl2 1.5m3 slurry @1895kg/m3, Cement held 100% no fall back. W.O.C. Instal screw on bowl, nipple up B.O.P's



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Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
15.0	12/07/2012	13/07/2012	0.00		Nipple up B.O.P.'s, Pressure test BOP's & Casing as per Yukon requirement.
16.0	13/07/2012	14/07/2012	0.00		Pressure test BOP's, Remove flow nipple to instal wear bushing. Rig inspection, trip in with slick assembly, Drill out cmt, Drill 311mm hole F/377m to 379m, FitTest with Daler pressure tester. Trip out and and pickup directional tools.
17.0	14/07/2012	15/07/2012	0.00		Pickup directional tools, trip in and pickup HWDP, Crew BOP Drill and man down drill. Drill 311mm hole from 379m to 511m.
18.0	15/07/2012	16/07/2012	0.00		Directional drill 311mm hole from 511m to 668m. 157m's drilled.
19.0	16/07/2012	17/07/2012	0.00		Directional drill 311mm hole from 862m to 881 m. 19m's drilled. Circulate hole clean, Trip out for bit. Backream out From 881m to 120m. Trip out from 120m to 0m, Change bit and MWD System from EM to Pulse tools. Trip in to 355m, Slip and cut line.
20.0	17/07/2012	18/07/2012	0.00		Directional drill 311mm hole from 862m to 881 m. 19m's drilled. Circulate hole clean, Trip out for bit. Backream out From 881m to 120m. Trip out from 120m to 0m, Change bit and MWD System from EM to Pulse tools. Trip in to 355m, Slip and cut line. RIG FUEL USED LAST 24Hrs = 5,050 Litres
21.0	18/07/2012	19/07/2012	0.00		Slip and cut line, Trip in and wash through 404-441m, 603-608m, Ream last stand for possible undergauge hole from 834-881m. Directional drill 311mm hole from 881m to 983m, 102m's. Steer for direction and incination, Wants to build and turn left. RIG FUEL USED LAST 24Hrs = 7.000 Litres
22.0	19/07/2012	20/07/2012	0.00		Directional drill 311mm hole from 983m to 1111m, 128m's. Steer for direction and incination, Wants to build and turn left. Slidding 60 to 85%. RIG FUEL USED LAST 24Hrs = 7.000 Litres
23.0	20/07/2012	21/07/2012	0.00		Directional drill 311mm hole from 1111m to 1197m T.D. Drilled 86m's. Steer for direction and inclination, Wants to turn left. Sliding 4m/single, 40%. RIG FUEL USED LAST 24Hrs = 7,000 Liters
24.0	21/07/2012	22/07/2012	0.00		Circulate bottom hole sample at 1197m. Backream out of hole from 1197m to 477m, Trip out and laydown directional tools. Pickup and make up reamer assembly. Trip in to 374m, Ream in from m374m to 712m, Wiper trip out to 456m. Hole unloading all sizes of shale. RIG FUEL USED LAST 24Hrs = 7,000 Liters
25.0	22/07/2012	23/07/2012	0.00		Finish wiper trip out from 456m to 371m. Trip in and ream From 371m to 712m, Ream in from 712m to 1197m. Circulate bottom up and pump sweep. Backream out from 1197m to 597m. RIG FUEL USED LAST 24Hrs = 6,000 Liters
26.0	23/07/2012	24/07/2012	0.00		Backream out F/ 597m to 374m, Circulate F/ 374-403m, Trip out and laydown Reamers. Slip and cut line, Trip in slick assembly to 1197m, Ream @ 443-451m, and 731m, Circulate hole and raise mud properties, Attempt to trip out, Hole pulling tight, Condition mud, Wiper Trip out F/ 1197-801m.
27.0	24/07/2012	25/07/2012	0.00		Trip out from 801m to 374m, Circulate from 404m to 374m, Trip in and Ream bridges @ 450-452m, 518-520m. Trip in to 1197m, Circulate hole clean, Backream from 1197m to 403m, Circulate hole clean, Ream in from 374m to 543m. RIG FUEL USED LAST 24HRS = 6500L
28.0	25/07/2012	26/07/2012	0.00		Ream and clean hole from 543m to 1197m. Clean Hard Bridge @ 701.7m to 710.5m, 1081.0m to 1085.7m, 8m hard Fill on bottom. Circulate hole clean with 125 vis mud. Flow checks and trip out to log. Rig to and log from 1199m to 375m, Run # 1, DSI,PPC, Run #2 1199-375m, PEX,AIT,HNGS,PPC,TLTD2, Hole tight on Run #2 @ 1145m, 991m.
29.0	26/07/2012	27/07/2012	0.00		Finish logging. RIH and ream from 1082m to 1197m. Circulate hole clean. Wiper trip to casing shoe, circulate bottom's up. RIH, ream section at 1065m, no fill on bottom. Circulate 2x bottom's up to clean hole. POOH to run 244.5mm intermediate casing.
30.0	27/07/2012	28/07/2012	0.00		POOH to run intermediate casing. Run 87x joints below casing mandrel of 244.5mm x 59.53kg/m L-80 LT&C intermediate casing. Circulate hole clean and reduce viscosity to 70 sec/L prior to cementing. Landed mandrel in place with casing shoe at 1193.82m. Start cementing operations.



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31.0	28/07/2012	29/07/2012	0.00		Finish cementing. Remove landing joint, install pack-off seal assembly and pressure test seals to 16,500kPa. Pressure test BOP's, manifold, and related equipment. Clean out shaker tanks of contaminated mud/cement and continue to strip back and clean up mud system for the next hole section.
32.0	29/07/2012	30/07/2012			Clean out remaining tanks of contaminated mud/cement/solids and continue to strip back and clean up mud system for the next hole section. Cleaning rig and mixing off solids from the tanks and centrifuge underflow.
33.0	30/07/2012	31/07/2012	0.00		Clean out remaining pre-mix tanks of contaminated mud/cement/solids and continue to strip back and clean up mud system for the next hole section. Cleaning rig and mixing off solids from the tanks and centrifuge underflow.
34.0	31/07/2012	01/08/2012	0.00		Clean out remaining pre-mix tanks of contaminated mud/cement/solids and continue to strip back and clean up mud system for the next hole section. Cleaning rig and mixing off solids from the tanks and centrifuge underflow. Pressure tested top of casing and landing hanger assembly to 21,000kPa with slight bleed off. Perform accumulator function test. Pick up slick BHA and drill out cement from 30m to 146m. The plane from Old Crow with the Vuntut visitors was turned around today due to foggy conditions.
35.0	01/08/2012	02/08/2012	0.00		Continue to drill out the cement from the intermediate casing and clean up/strip the mud. Tag the float collar at 1180.27m and circulate above to clean up the remaining mud in the casing. POOH.
36.0	02/08/2012	03/08/2012	0.00		Continue to POOH. Run casing scraper and circulate hole clean. POOH and run cement and casing evaluation logs (good). Perform casing pressure test to 25MPa (good). Condition mud on surface. Pick up BHA.
37.0	03/08/2012	04/08/2012	0.00		Continue to condition mud on surface. RIH with 222mm bit and locked reamer assembly. Drill out float/shoe/cement with water. Drill to 1201m and circulate hole clean. Perform formation integrity test (21.2kPa/m maximum, no leak-off). Displace the hole to polymer mud. Drill ahead 222mm hole to 1225m. Troubleshoot gamma probe. Continue to drill from 1225m to 1233m. Performed sour BOP and man-down drills with both crews.
38.0	04/08/2012	05/08/2012	0.00		Continue to drill ahead 222mm hole looking for core point from 1233m to 1360m. Control drilled from 1265m to 1312m at 5m/hr. Did not find significant formation to core so continued to drill ahead slick prior to picking up a directional assembly at +/-1450m..
39.0	05/08/2012	06/08/2012	0.00		Continue to drill 222mm main hole from 1360m to 1405m. At 1364m, gas increased to 400 units, stopped and circulated to take samples and analyze (porosity from limestone). Continued to rotate ahead in hopes of finding formation to core. At 1401m, gas increased to 3050 units, stopped and circulated to take samples and analyze (porosity again from limestone). Recent samples indicated upwards of 40% chert. Wiper trip to shoe and RIH. Circulated bottom's up and monitored gas (maximum 190 units). POOH to pick up directional assembly.
40.0	06/08/2012	07/08/2012	0.00		Continue to POOH and lay down near bit reamer and bit (8/4/BT/A/E/0/WT/BHA). Pick up and RIH with 222mm Smith Insert bit FHi35 OD1VPS (547X), 6 1/2" Wenzel 9/10 3.5 stage motor (1.5° bend), MWD tools, drill collars, reamers, jars, and HWDP. Pulse test and take check shots to verify previous survey data. Adjusted previous surveys from below the casing shoe - 5° to compensate for magnetic interference from previous run (one NMDC instead of two). Flush up any debris, pattern bit and continue to drill ahead 222mm main hole from 1405m to 1447m. Start drop at 1408m at 1.5°/30m. ROP significantly dropped with samples showing chert, limestone, and marlstone. Circulate up sample and prepare to trip for bit at 1447m.
41.0	07/08/2012	08/08/2012	0.00		Continue to POOH for bit. Check MWD tool and BHA. Remove 222mm Smith insert bit (8/5/BT/A/E/0/JD/PR) and RIH with 222mm Hughes Insert bit GX-45CDX2 (627), 6 1/2" Wenzel 9/10 3.5 stage motor (1.5° bend), MWD tools, drill collars, reamers, jars, and HWDP. Pattern bit and drill ahead 222mm main hole from 1447m to 1486m. Average ROP= 3.12m/hr. Continue to drop at ~1.5°/30m.
42.0	08/08/2012	09/08/2012	0.00		Continue to drill ahead 222mm main hole from 1486m to 1564m. Average ROP= 3.9m/hr. Continue to drop at ~1.0°/30m to achieve target.



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Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
43.0	09/08/2012	10/08/2012	0.00		Continue to drill ahead 222mm main hole from 1564m to 1606m. Average ROP= 3.6m/hr. Continue to drop at ~1.0°/30m to achieve target. At 1603m, hit fracture and stalled topdrive and mud motor. Circulated bottom's up with gas to surface, shut-in well (SICP = 250kPa, SIDPP = 0kPa). Circulate bottom's up through the manifold with a 1-2m lazy flare. Perform flow check (static) but cut with gas. Continue to drill to 1606m and weight up to 1130kg/m3. With pump off, worked pipe to simulate trip. Circulate bottom's up with minimal increase in background gas. POOH to change bit and MWD probe.
44.0	10/08/2012	11/08/2012	0.00		RIH with bit #6, 222mm Security Insert bit EQH-34D2R (547W), 6 1/2" Wenzel 9/10 3.5 stage motor (1.5° bend), MWD tools, drill collars, reamers, jars, and HWDP. Perform weekly accumulator function test. Blow out choke lines with air back to degasser tank. Slip and cut. Troubleshoot plugged kill line (back at pump manifold). Pattern bit and drill ahead 222mm main hole continuing drop from 1606m to 1658m. Average ROP = 5.62m/hr.
45.0	11/08/2012	12/08/2012	0.00		Continue to drill ahead 222mm main hole from 1658m to 1659m. Significant drop in ROP (5-8% chert nodules in samples). Circulate and POOH for bit (on a single to break connections differently). Change bit and MWD probe. Bit #6 grading (6/6/BT/M/E/0/LT/PR). RIH with bit #7, 222mm Smith FHi40 ODVPS (617X). Pattern bit and drill ahead from 1659m to 1704m. Average ROP = 4.3m/hr. Grey calcareous shale samples starting at 1688m (with no associated drill gas).
46.0	12/08/2012	13/08/2012	0.00		Continue to drill 222mm main hole section from 1704m to 1795m. Average ROP = 4.6m/hr. Speculation on accuracy of MWD tool so rotated ahead at +/- 5° inclination.
47.0	13/08/2012	14/08/2012	0.00		Continue to drill 222mm main hole section from 1795m to 1878m. Average ROP = 4.4m/hr. Rotate ahead at +/- 5° inclination and +/-57° azimuth.
48.0	14/08/2012	15/08/2012	0.00		Continue to drill ahead 222mm main hole from 1878m to 1946m. Average ROP = 4.1m/hr. Attempted to slide 1m/single without any effect on inclination. Continued to rotate ahead at +/- 5° inclination and +/-60° azimuth. Encountered clean sand at 1880m but without significant gas shows. Periodically experienced increased ROP (>8m/hr) throughout the day so we stopped drilling and circulated up samples/bottom's up and waited for it's relative gas shows. Completed mud inventory correction today.
49.0	15/08/2012	16/08/2012	0.00		Continue to drill ahead 222mm main hole from 1946m to 1962m. Average ROP = 3.6m/hr. Experienced torque/pressure spike. Circulate and POOH to change bit, motor, MWD tool, and check reamers (bit grade: 5/8/BT/M/E/3/JD/TQ). RIH with bit #8, 222mm Smith FHi40 ODVPS (617X) and new 6 1/2" Wenzel 9/10 3.5 stage motor (1.5° bend & 8 1/2" stabilized sleeve), change out MWD tool and service reamers. RIH and wash/ream from 1887 to 1914m. Circulate bottom's up twice and monitor (>70% LEL, 19% O2, 52ppm CO, 4ppm H2S on first bottom's up, nothing on second). Continue to ream from 1914m to 1962m.
50.0	16/08/2012	17/08/2012	0.00		Drill 222mm hole F/1962-2019m (57m), Rotate - 52.5m (92%), Slide - 4.5m (8%). Held Sour BOP drill / Man Down drill with night crew and follow up meeting.
51.0	17/08/2012	18/08/2012	0.00		Drill 222mm hole F/2019-2050m (31m), Rotate - 28m (90%), Slide - 3m (10%). Core point called @ 2050m. Circulate bottoms up and POOH. Strap on way out - 2058.8m, Tally - 2059.38, Difference - 0.58m. Rack back directional tools and make up coring BHA with 8 blade, 13mm core bit.
52.0	18/08/2012	19/08/2012	0.00		No accidents, no incidents. Finish making up coring assembly and RIH to 2022m. Circulate bottoms up and wash to bottom (320 units, no H2S). Core f/2050-2051.8m. ROP decreased rapidly after first 0.3m to 0.3m/hr. Circulate bottoms up and POOH to lay down core barrels. Pick up directional assembly with Baker Hughes VGD-44GDX (617X) bit. Change out cutters on bottom slant roller reamer. RIH to 1168m, fill pipe and flow check at 507m and 1168m. Slip and cut 12m of drill line.



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53.0	19/08/2012	20/08/2012	0.00		No accidents. no incidents. Continue RIH to 2029m, Wash to bottom, ream core stump / pattern bit. Drill 222mm hole f/2051-2060m. At 2067m, started drilling 85% chert with 15% sandy limestone. Drilling torque became very erratic and increasing. Encountered two torque spikes @ 2070m, circulated bottoms up. Decision made to attempt drilling again. Went back to bottom with 1 kdaN WOB, stalled motor and rotary table. Could not move string, but could circulate with a higher pressure (previous on bottom pressure - 10,800 kPa @ 1.5 m3/min, now 11,000 kPa @ 1.1 m3/min). Attempted to work free, increasing parameters. Brought pump rate up, set off jars and string popped free with no additional hole drag. POOH and racked back directional assembly. Picked up magent, with 6" cutlip, junksub and bit sub and RIH to attempt to recover cones.
54.0	20/08/2012	21/08/2012	0.00		Finish swapping out E pipe with G pipe. Continue RIH with magnet and junk sub. Circulate bottoms up, trip gas peaked at 1220 units. Flush and work string on bottom to recover junk. POOH, recovered two cones and several inserts. Picked up mill and RIH. Circulate bottoms up, trip gas peaked at 161 units. Milled junk on bottom to 2070.50m.
55.0	21/08/2012	22/08/2012	0.00		Circulate 2x bottoms up, and POOH to lay down mill and junk sub. Pick up bit #10, Smith FHi55OD1V, and RIH. Fill pipe, function test MWD and flow check at 520 and 1093m. Slip and and cut at 1093m. RIH to 1940m and start washing to bottom. Bit started to take weight at 2070m. Ream approximately 0.5m, pattern bit and drill 222mm hole to 2094m. Northern Cross Yukon prospector ERP drill held from 10:00 hrs to 13:00 hrs.
56.0	22/08/2012	23/08/2012	0.00		No accidents, no incidents. Drill 222mm hole F/ 2094-2152m, Rotating - 58m (100%), Sliding - 0m (0%).
57.0	23/08/2012	24/08/2012	0.00		Drill 222mm hole F2152-2201m (49m). Circulate hole clean and POOH to start picking up DST assembly.
58.0	24/08/2012	25/08/2012	0.00		Continue to pick up and make up DST tools. Trip in hole to 1609m (strap difference - 0.26m). Inflate packers, straddle interval 1601-1609m. Packers leaked allowing 1.2m3 mud in initially. Re-inflated packers, pull tested and opened downhole hydraulic valve. Built up to 10883 kPa. Attempted to open downhole hydraulic valve and packers became unseated. Test abandoned. POOH and lay down DST tools. Pick up directional assembly, dial motor down to 1.15. RIH to 519m.
59.0	25/08/2012	26/08/2012	0.00		No accidents, no incidents. Finish running into hole at 2103m. Wash to bottom. Pattern bit. Coninue to drill 222mm hole ahead F/2201-2348m (147m), rotate - 147m (100%), slide - 0m (0%).
60.0	26/08/2012	27/08/2012	0.00		No accidents, no incidents. Drill 222mm hole ahead F/2348-2435m (87m), rotate - 87m (100%), slide - 0m (0%). Decide to POOH due to excessive drill string torque. Circulate 2x bottoms up, POOH to 2267m and then backream out to 2050m.
61.0	27/08/2012	28/08/2012	0.00		Continue to POOH with bit #11. Lay out slant roller reamers, pick up vertical roller reamer and bit #12 (Smith MDSI613UBPX). Trip in hole and slip and cut at shoe. Wash to bottom F/2425 to 2435m. 4m fill on bottom. 2 loader buckets of splintery cavings (1-3" in length) circulated out of the hole on bottoms up. Drill 222mm hole F/2435-2442m. POOH due to low penetration rate. Back ream F/2432 - 1200m due to tight hole. Finish POOH. lay down roller reamer and make up Bit #13.
62.0	28/08/2012	29/08/2012	0.00		Continue tripping in hole. Wash through bridges at 2222, 2230, 2237, 2427, 2430 and 2434m. Drill ahead 222mm hole F/2442 - 2527m (85m). Rotate 79m (93%), Slide 6m(7%). Increase mud density F/1155 to 1200kg/m3 to hold back sloughing shales.
63.0	29/08/2012	30/08/2012	0.00		Continue to drill 222mm hole F/2527-2582. Stop drilling to accomodate tour of rig by VGFN delegates. POOH due to reduction in ROP after hitting hard sandstone. Back ream out to 2511m, run back in hole due to tight hole conditions. Circulate the hole clean. POOH to 2520.
64.0	30/08/2012	31/08/2012	0.00		Backream out of the hole to 2179m and then continue POOH to change bit. Pick up Smith FHi45OD1, dialed up motor to 1.5 and changed MWD tool. RIH, slip and cut 22m of drilling line. Checked torque and drag every 250m on trip in. Hit bridges at 2432m, 2460m and 2472m. Ream bridges and work tight hole.



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Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
65.0	31/08/2012	01/09/2012	0.00		POOH @ 2530m to investigate pressure irregularities. Confirmation of motor failure. Rig in wireline and run USIT log to inspect casing wear. Manifold shack and BOP stack pressure tested. Make up BHA and begin RIH.
66.0	01/09/2012	02/09/2012	0.00		Trip in hole F/1150m - 2471m. Ream and work tight hole F/2471m-2556m. BOP drill with crew.
67.0	02/09/2012	03/09/2012	0.00		drilling ahead the 222mm hole.
68.0	03/09/2012	04/09/2012	0.00		Continue to RIH and ream from 2567m to 2596m. Pattern bit and drill ahead 222mm main hole from 2596m to 2632m. Average ROP = 2.3m/hr. Circulate up sample and backream/POOH to change bit and install WWT Super Slider Non-Rotating Protectors. Performed Weekly Rig Inspection today and sour man-own drills with the new crew.
69.0	04/09/2012	05/09/2012	0.00		Backream out of the hole from 2632m to 2010m. Pump pill, POOH and lay out directional BHA. Pick up 222mm Kingdream Milltooth Bit EG1HGLC (117), Near bit reamer, Drill Collar, Slant Roller Reamer, Drill Collar, Slant Roller Reamer, Drill Collar, 2x HWDP, Jars, Short HWDP, 40x HWDP. RIH with bit #15, slip and cut, and install 102x WWT non-rotating protectors (1 per single from 913m to 1190m and 2 per single from 567m to 904m).
70.0	05/09/2012	06/09/2012	0.00		Continue to ream to bottom from 2065m to 2578m. Wiper trip to 1425m, move pipe, and swap out single non-rotating sleeves (1 per single from 750m to 1000m and 2 per single from 400m to 750m). RIH and ream from 2470m to 2605m.
71.0	06/09/2012	07/09/2012	0.00		Continue to ream to bottom from 2605m to 2632m. Circulate hole clean. POOH to change bit and BHA. Pick up bit #16 and RIH with 222mm Smith FHi45OD1PS (617X) insert bit, near bit reamer, X/O sub, NMDC, landing sub, NMDC, X/O sub, slant roller reamer, 7" drill collar, slant roller reamer, two 7" drill collars, X/O sub, two HWDP, jars, short HWDP, and 40x HWDP. Insert stands below those with sleeves to achieve +/- 200m bit run. Slip and cut. Ream from 2473m to 2600m.
72.0	07/09/2012	08/09/2012	0.00		Continue to ream to bottom from 2600m to 2632m. Pattern bit and drill ahead 222mm main hole from 2632m to 2677m. Average ROP = 2.3m/hr.
73.0	08/09/2012	09/09/2012	0.00		Continue to drill from 2677m to 2714m. Average ROP = 2.35m/hr. ROP reduced to <1.5m/hr so decided to POOH. Circulate bottom's up, POOH to 2377m, pump weighted pill, and continue to POOH. Perform weekly accumulator function test in the casing at 482m.
74.0	09/09/2012	10/09/2012	0.00		Continue to POOH. Lay out NB reamer and X/O sub, pick up used motor, and switch bit. RIH with bit #17, 222mm Smith FHi40 ODVPS (617X) insert bit, 6 1/2" 9/10 3.5 stage Wenzel motor (1.5° bend), NMDC, landing sub, NMDC, X/O sub, slant roller reamer, 7" drill collar, slant roller reamer, two 7" drill collars, X/O sub, two HWDP, jars, short HWDP, and 40x HWDP. Add two stands below non-rotating sleeves and replace one worn sleeve. Ream/wash to bottom from 2270m with +13m of fill (Tight spots at 2270-2480m, 2470m, 2480m-2486m, 2515m, 2566m, 2635m, 2657m, 2685m). Pattern bit and continue to drill ahead 222mm main hole from 2714m to 2733m. Average ROP = 2.71m/hr.
75.0	10/09/2012	11/09/2012	0.00		Continue to drill 222mm main hole from 2733m to 2802m. Average ROP = 3.29m/hr.
76.0	11/09/2012	12/09/2012	0.00		Continue to drill 222mm main hole from 2802m to 2875m. Average ROP = 3.52m/hr. Bit hours at midnight = 47.5 hours.
77.0	12/09/2012	13/09/2012	0.00		Continue to drill 222mm main hole from 2875m to 2921m. Average ROP = 3.35m/hr. Total bit hours = 61.25 hours (207m bit run at an average ROP of 3.38m/hr). Circulate bottom's up, backream out of the hole to 2450m, circulate hole clean (brittle, splintered shale over shaker). Tight at 2532m, worked and reamed section. Pump pill at 2371m, continue to POOH to change bit, motor, and move protector sleeves up to get another +/- 200m bit run. WWT non-rotating protectors proposed top at 192m and bottom at 823m to start (double protectors from 192m to 563m and single protectors from 563m to 823m). Lithology changed at +/- 2915m MD (+/- 2972m TVD) from relatively soft shales to hard silica/cemented sandstones and interbedded siltstones and shale (no chert).



Daily Activity and Cost Summary

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
78.0	13/09/2012	14/09/2012	0.00		Continue to POOH. Lay out 2x bent HWDP and replace with one extra on site. Check MWD tool, change out bit and motor, and RIH with bit #18, 222mm Smith FHi45OD1PS (617X) insert bit, 6 1/2" 7/8 3.0 stage slow speed slick Wenzel motor (1.5° bend), NMDC, landing sub, NMDC, X/O sub, slant roller reamer, 7" drill collar, slant roller reamer, two 7" drill collars, X/O sub, two HWDP, jars, short HWDP, and 39x HWDP. Add 8x stands of pipe below to move sleeves up hole to obtain another +/- 200m bit run (swap protectors with excessive wear). Slip and cut. Ream to bottom from 2307 to 2514m (excessively tight at 2505m).
79.0	14/09/2012	15/09/2012	0.00		Continue to ream to bottom from 2514m to 2921m with large, brittle, splintered shale coming over the shaker along with finer/ground up shale (excessively tight at 2530m to 2540m) with 6m of fill. Weighted up system to 1350kg/m3.
80.0	15/09/2012	16/09/2012	0.00		Continue to ream fill to bottom. Pattern bit and drill ahead from 2921m to 2964m (average ROP = 2.53m/hr). Pumped high vis/high weight sweep at 2928m which saw an increase in pump pressure and torque but it did not bring up any large amount of cuttings. Drilling torque substantially reduced afterwards. Continue to pump high vis/high weight sweeps periodically to aid in hole cleaning and reduce torque. Connection at 2961m was tight with a potential keyseat, worked section free, wiper tripped 3x stands (first two with pump, third without), washed back to bottom and continued to drill ahead. Maintained mud weight at 1350k/m3.
81.0	16/09/2012	17/09/2012	0.00		Continue to drill ahead from 2964m to 3015m (average ROP = 2.52m/hr). Worked drill string every 5m to aid in cleaning the hole and reducing drag. Bump tested and cleaned gas detector trap. Performed sour BOP and man down drill. Maintained mud weight at 1350kg/m3. Had a lost time accident today when a roughneck had his hand pinched (possibly broken) between joints of pipe when attempting to remove them from under the skate on the catwalk. Reviewed the incident with the crews and discussed the right to refuse unsafe work, proper work procedures, and management of change.
82.0	17/09/2012	18/09/2012	0.00		No accidents, no incidents. Drill 222mm hole F/3015-3053m (38m). Pump out of the hole to 2480m. Ream F/2480-2630m. Circulate hole clean. Pump stands into the hole to 2701m. Held Safety Standdown Meeting with Rocky Snippa (VP Operations - Northern Cross), Myles Mayer (Operations Manager - Patterson UTI) and Alan Kinniburgh (Safety Hand - Patterson UTI)
83.0	18/09/2012	19/09/2012	0.00		No accidents, no incidents. Held Safety Standdown Meetings for both crews with Rocky Snippa (VP Operations - Northern Cross), Myles Mayer (Operations Manager - Patterson UTI) and Alan Kinniburgh (Safety Hand - Patterson UTI). Continue washing into hole F/2701-3053m (seen 33m of fill o bottom). Drill 222mm hole F/3053-3091m (38m). Increased cavings seen at shaker following wiper trip, but decreasing as drilling continues.
84.0	19/09/2012	20/09/2012	0.00		No accidents, no incidents. Drill 222mm hole F/3091-3132m (41m). Intermittently working drill string every hour to wipe hole. Cavings are smaller and not as frequent, but still present (50% rounded and 50% fresh). Occasional pieces of compacted clay seen at shaker as well. Start circulating hole clean (3x bottoms up) and conditioning mud @ 22:00 hrs (increased mud density to 1400 kg/m3).
85.0	20/09/2012	21/09/2012	0.00		No accidents, no incidents. Continue to circulate hole clean. Begin pumping out of the hole to 2711m while spotting polymer beads throughout open wellbore. Continue POOH without pump. Start pumping out of the hole again at 2600m. POOH without pump at 2392m. Tight spots seen following @ 2380m and then at shoe. Layed out top two HWDP that were bent. Top HWDP tool jt, reamers, kick pad, and bit packed off with hard clay / cavings. Run first logging suite with AIT, DSI, GPIT, Calipers and GR. Tag something at 2220m. Log out and pick up 2nd suite.



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API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
86.0	21/09/2012	22/09/2012	0.00		No accidents, no incidents. POOH with log run #1. RIH with log run #2 (PEX, HNGS, PPC and TDL2). Tag bridge/ledge @ 2218m. POOH with wireline logs and rig out. Pick up slick clean out assembly and RIH. Perform accumulator function test and slip and cut at shoe. Hole took 5 kdaN at 2223m, pick up and ream out. Hole began to packoff a bit and a lot of cavings / gumbo balls were seen at surface. Began pumping in hole, reaming out tight spots and frequently circulating hole clean. Bit took weight (most likely ledges) @ 2234, 2395, 2404, and 2410m.
87.0	22/09/2012	23/09/2012	0.00		No accidents, no incidents. Continue RIH reaming tight spots at 2421m, 2490m and 2492m. Circulate annulus clean periodically. Work tight hole at 2490m. Initially could not rotate or move pipe, however, pump pressure did not change and jars would not fire. Worked free and POOH to 2105m, something still binding drill string, so POOH to the casing shoe and circulated bottoms up. RIH to 2362m, Ream 2250-2280m.
88.0	23/09/2012	24/09/2012	0.00		No accidents, no incidents. Continue washing in F/2362-2490m. Tag bridge at 2490m and start reaming fill to 2505m, Converter on top drive SCR failed. Circulate and work pipe while waiting on part and top drive hand.
89.0	24/09/2012	25/09/2012	0.00		No accidents, no incidents. Continue to work pipe and circulate hole clean while waiting on TDS parts and hand. TDS working @ 16:15 hrs, September 24. Ream hole F/2482-2492m. Obstruction (formation block, etc.) binding string at 2490m, but can be moved. Torque very erratic at 2490m. Pump pressure doesn't move while working past and against.
90.0	25/09/2012	26/09/2012	0.00		No accidents or incidents. Ream 222mm hole from 2492m-2507m. Trip out of hole to change drill bit and install new motor (6 1/2" 9/10 3.5 stage slick Wenzel motor (1.15° bend, 0.040 rev/L). Run in hole and clean up bridges @ 1271m 1601m. Slip and cut @ casing shoe. Run in hole to 1809m.
91.0	26/09/2012	27/09/2012	0.00		No accidents, no incidents. Had a visit from Yukon water inspector. Trip in and wash in @ 1271m-1601m. Ream 222mm hole from 2242m-2503m and try to clean up hole. Trip out of hole to change BHA.
92.0	27/09/2012	28/09/2012	0.00		No accidents, no incidents. Trip out of hole from 2154m-1883m. Back ream and clean up hole from 1882m-1866m. Make up new BHA and trip in hole. Wash in from 2245m-2270m and condition hole. Spot high vis pill before tripping out. Trip out of hole to log open hole with Schlumberger.
93.0	28/09/2012	29/09/2012	0.00		No accidents, no incidents. Trip out of hole from 1981m-1255m. Back ream and clean up hole from 1255m-1230m. Trip out to surface. Make up logging tool and run in hole with Schlumberger. Bridge off @ 1265m. Make up RR22 bit and run in hole. Ream to clean up hole from 1290m-1430m.
94.0	29/09/2012	30/09/2012	0.00		No accidents, no incidents. Continue reaming F/1426-1569m, Back Ream to 1193m (9 5/8 casing shoe). RIH and ream tight spots @ 1203, 1308, 1330, 1475, 1482, 1535, 1553 and 1572m. Pump into hole to 2200m. Circulate and condition mud (Strip MW back to 1385 kg/m3 and raise viscosity to 120 sec/L for logging). POOH to wiper trip to casing shoe.
95.0	30/09/2012	01/10/2012	0.00		No accidents, no incidents. Continue POOH to 1188m (9 5/8 casing shoe), ream tight spots @ 1494m and 1444m. RIH to 2181m with no issues. POOH to run logs, pulled 25 kdaN over at 1440m and 10 kdaN over at 1220m. Gumbo on top of DC's and bit. Run logging run #1 to 2183m containing 2 calipers (offset by 45 degrees), gamma and FMI imaging tool. Run logging run # 2 ADT; Stingray; CMR to a total depth of 2180m.
96.0	01/10/2012	02/10/2012	0.00		No accidents, no incidents. Finish Run #2 (ADT; Stingray; CMR). Start logging run #3 MDT. On 3 point of interest.
97.0	02/10/2012	03/10/2012	0.00		No accidents, no incidents. Continue wire line logs with MDT @ Heart River A-2002m; Heart River A-1943.2m; Heart River A-1928.8m; Heart River B-1887.5m; Heart River B 1879.5m; Blackie 1404m(failed); Moved up to Blackie 1402.8m. Rigged out MDT and start rigging up MSCT.
98.0	03/10/2012	04/10/2012	0.00		No accidents, no incidents. RIH with MSCT, take sidewall cores @ 2095.9, 2092.2, 2085.0, 1934.8, 1928.8, 1887.5, 1879.5, 1857.8, 1851.0, 1844.0, 1796.7, 1754.0, 1729.1, 1725.0, 1720.0, 1696.4, 1616.0, 1514.8 and 1440.1m. POOH with wireline and lay down MSCT. Rig up to and run USIT log on 244.5mm, 59.53 kg/m, L-80 intermediate casing. Rig out loggers. Pull wear bushing and install test plug. Pressure test lower and upper pipe rams, manifold, HCR, Stack valves, kil lines, choke lines, and stand pipe to 1,400 kPa low and 34,500 kPa high. Pressure test annular to 1,400 kPa low and 17,500 kPa high. Pressure test degasser inlets lines to 1,400 kPa.



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Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
99.0	04/10/2012	05/10/2012	0.00		No accidents, no incidents. Pressure test blind rams, perform accumulator function test and install wear bushing Make up slick BHA (RR23 Security EQH22, bit sub, HWDP). RIH to 500m, blow out choke lines and break circulation. Break circulation at 1000m, 1500m, 2000m. RIH to 2180m and ream/wash to 2220m. Wiper tripped 4 stds had to use pump. Held BOP drill, man down drill with crew.
100.0	05/10/2012	06/10/2012	0.00		2012.10.05 at 00:00 hours. Cleaned well from 2110 mKB to 2211mKB, Wiper tripped 5 stands. Circulated hole clean. Tripped out of hole. Rigged up cement stringer. Tripped in hole. Tripping in hole on 2012.10.05 at 23:59 hours
101.0	06/10/2012	07/10/2012	0.00		No accidents no incidents. 2012.10.06 at 00:00 hours. Circulated hole clean. Wiper tripped 10 stands. Circulated and conditioned mud. Held safety meeting with Halliburton and rig crews. Rigged to and cemented plug #1 with 5.4 tonnes (5.8m3) of Class G 0-1-0 with 0.5% CFR-3 & 2.0% Econolite & 1.0% HR-5 & 1.1% Gel. Plug down 2012.10.06 at 09:57 hours. Pulled 8 stds. Broke circ (1.3 m3) pulled 4 stds. Circulated hole clean. Tripped out of hole. Picked up monel, MWD tools and laid down tool to service same. Picked up bottom hole assembly. Tripped in hole to the bottom of intermediate casing. Slipped and cut drilling line. Continued in hole to 1434 mKB on 2012.10.06 at 23:59 hours.
102.0	07/10/2012	08/10/2012	0.00		2012.10.07 at 00:00 hours. Tripped in hole to 2161 mKB. Circulated and washed to 2168mKB. Tagged Plug # 1 at 2168 mKB. Drilled stabilizing plug from 2168 mKB to 2220 mKB. Cleaned hole from 2220 mKB to 2307 mKB. Wiper tripped to 2166 mKB. Cleaned back to 2307 mKB. Circulated hole clean. Tripping out of hole to run plug #2 on 2012.10.07 at 23:59 hours. No accidents, incidents or spills.
103.0	08/10/2012	09/10/2012	0.00		No accidents no incidents. Trip out of hole and work tight spots. Run in open ended to set cement plug.
104.0	09/10/2012	10/10/2012	0.00		2012.10.09 at 00:00 hours. Attempted to reach a depth of 2307 mKB to run plug #2. Worked through tight spots at 2242 mKB, 2258 mKB. Could not get past 2268 mKB. Held safety meeting with Halliburton Services and rig crews. Rigged in and run plug #2 from 2220 mKB to 2268 mKB with 5.5 tonnes (6m3) of Class 'G' 0-1-0 with 1.1% gel & 0.5% Halladd & 1.0% HR-5 & 0.1% CFR-3 & 2.0% Econolite. Plug down 2012.10.09 at 05:48 hours. Tripped out of hole to 1922 mKB. Circulated hole to remove any cement residue. Finished out of hole. Laid down drill pipe with damaged threads on pin end. Picked up bit and tripped in hole to the bottom of surface casing. Slipped and cut drilling line. Tripped in hole, washed tight spots at 2056 mKB, 2077 mKB, 2108 mKB. Top of plug # 2 at 2239 mKB. Drilled cement from 2239 mKB to 2268 mKB. Continuing to clean in hole on 2012.10.09 at 23:59 hours. No accidents, incidents or spills recorded.
105.0	10/10/2012	11/10/2012	0.00		2012.10.10 at 00:00 hours. Cleaned hole from 2268 mKB to 2374 mKB. (Tight spots 2394 mKB to 2304 mKB, 2320 mKB to 2324mKB). Wiper tripped up to 2160 mKB. Circulated bottoms up. Circulated in from 2300 mKB to 2374 mKB. Tight spots (2307 & 2371 to 2374) Cleaned from 2374 mKB to 2418 mKB Tight spots (2380 mKB to 2386 mKB & 2402 mKB to 2304 mKB. Continuing to clean in hole on 2012.10.10 at 23:59 hours. No accidents, incidents or spills recorded.
106.0	11/10/2012	12/10/2012	0.00		2012.10.11 At 00:00 hours. Reamed and cleaned hole from 2418 mKB to 2486 mKB. Tight spots at 2446 mKB, 2452mKB, 2455 mKB,2480 mKB-2486 mKB. Got stuck in hole a t 2486 mKB. Worked tight hole while attempting to regain circulation. Jarred stuck pipe to 166 daN and freed pipe. Regained circulation. Washed out of hole to 2142 mKB. Circulated hole clean. Tripped in hole to 2247 mKB. Fine cuttings coming over shaker at start, cutting size increased while washing in hole to 2277mKB. Washing ahead on 2012.10.11 at 23:59 hours. No incidents, accidents or spills reported.



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Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
107.0	12/10/2012	13/10/2012	0.00		<p>2012.10.12 at 00:00 hours. Reamed and cleaned hole from 2277 mKB to 2375 mKB. Circulated hole clean. Reamed and cleaned to 2445 mKB. Circulated hole clean. Wiper tripped to 1597 mKB, circulating through tight spots at 2056 mKB, 2011mKB, 1925 mKB, 1871 mKB. Tripped in hole to 2227 mKB. Circulated hole clean. Tripping out at 1650 mKB on 2012.10.12 at 23:59 hours</p> <p>No accidents, incidents or spills recorded. Held BOP drill with daylight crew.</p>
108.0	13/10/2012	14/10/2012	0.00		<p>2012.10.13 at 00:00 hours. Tripped out of hole. Changed BHA. Tripped in hole to the bottom of intermediate casing . Slipped and cut drilling line. Finished tripping in open ended to 2202 mKB. Circulated hole clean. Rigged to and cemented with Sidetrackplug #1 2200 mKB to 2250 mKB with 16.1 tonnes of Class 'G' 0-1-0 with 0.5% Hallad, 1.0% CFR-3 & 0.4% HR-5 (10.7 m3). Plug down 2012.10.13 at 17:28 hours. Pulled out of plug. Broke circulation. Tripped out to 1758 mKB. Circulated hole clean. Tripping out of hole at 900 mKB on 2012.10.13 at 23:59 hours.</p> <p>No incidents, accidents or spills recorded.</p>
109.0	14/10/2012	15/10/2012	0.00		<p>2012.10.14 at 00:00 hours. Tripped out of hole. Tripped in with bit to polish plug. Drifted the first 13 stands of pipe due to traces of cement found in same. Washed from 2000 mKB to 2107 mKB. Tagged whipstock plug # 1 at 2108 mKB. Polished plug from 2108 mKB to 2113 mKB. Tripped out of hole. Picking up directional tools on 2012.10.14 at 23:59 hours.</p> <p>No accidents, incidents or spills recorded.</p>
110.0	15/10/2012	16/10/2012	0.00		<p>2012.10.15 at 00:00 hours. Handled directional tools. Set Wenzel 9:10 3.5 stage at 2.12 degrees. Tripped in hole. Checked MWD operation when out of casing shoe. Slipped and cut drilling line. Finished in hole to 2085 mKB. Trouble shot MWD tool. Cleaned to 2113 mKB. Cut trough and prepared to side track. Time drilled at .5m/hr to 2117 mKB.</p> <p>2114 mKB 95% cement 2115 mKB 90% cement 2116 mKB 95% cement 2117 mKB 97% cement</p> <p>No accidents, incidents or spills recorded</p>
111.0	16/10/2012	17/10/2012	0.00		<p>2012.10.16 at 00:00 hours. Time drilled at .5 m/hr to 2121 mKB. Time drilled at .75 m/hr to 2125 mKB. Time drilled at 1.5m/hr to 2129 mKB. Circulated bottoms up. Tripped out of hole to change mud motor from 2.12 degrees to 1.5 degrees. Tripping out at 1094 mKB on 2012.10.16 at 23:59 hours. Check shot survey at 2115 mKB 1.93 degrees at 32 deergees azm.</p>
112.0	17/10/2012	18/10/2012	0.00		<p>POOH to change motor setting. Inspect BHA and bit. Pull MWD probe and troubleshoot. RIH with same bit and Wenzel 9:10 lobe 3.5 stage low speed motor set at 1.5°, 2x NMDC's, landing sub, 3x HWDP, jars, short HWDP, and 37x HWDP.</p> <p>Shallow test MWD tool at 103m, blow out circulating system with air. Continue to RIH (change out one WWT non-rotating protector and collar). Break circulation at 2107m, orientate toolface into sidetrack and wash to bottom (0.5m of fill). Hold sour BOP and man-down drills with crews. Continue to drill 222mm main hole from 2129mKB to 2139mKB. Average ROP = 1.2m/hr.</p>
113.0	18/10/2012	19/10/2012	0.00		<p>Drill from 2139m to 2154m. Average ROP= 1.9m/hr. Circulate bottom's up, pump pill, blow out circulating lines, and POOH with required flow checks. Check WWT non-rotating protectors. Lay down Ark directional tools and Extreme MWD tools. Circulate across trip tank and monitor well while out of the hole, preparing Trutrak tools, and rigging in Baker Hughes equipment. Pick up Baker tools and bit #28. RIH with 222mm Smith MDS1613 PDC bit, Trutrak motor, 1 x MWD, 1 x NMDC's, 1 X Float Sub, 3 x HWDP, jars, short HWDP, 37 x HWDP.</p>
114.0	19/10/2012	20/10/2012	0.00		<p>RIH with Baker Hughes directional True Trac assembly to 454m. Change out Top Drive washpipe. F/Test annular preventer - 19 seconds T/C/O. RIH from 454m to 1200m. Calibrate True Trac. RIH from 1200 to 1242m. Observed mud ring. Mixed , circulated and spotted Desco / SAPP / Walnut hull pill over mud ring area. Ream & clean 1242 to 1280m. Backream to shoe at 1194m. Ream and clean down from 1194 to 1370m. Circulate hole clean and ream 1370 to 1458m. Tagged bridge - hole packed off. Worked string free and regained circulation. Reamed down from 1458 to 1481m. Circulated hole clean.</p>



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API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
115.0	20/10/2012	21/10/2012	0.00		Circulated out of hole from 1481 mKB to intermediate casing. Complete POOH. Laid down damaged Tru Trac motor. Picked up a new Tru Trac motor and RIH. Cleaned from intermediate casing to 1562 mKB. {Tight spots 1558 to 1560 mKB, } Cleaned from 1562 to 1604 mKB. {Tight spots from 1596 to 1598mKB}.
116.0	21/10/2012	22/10/2012	0.00		Cleaned from 1604 - 1703mKB. (observed tight spots at 1608 - 1611m, 1638-1640m) Increased mud density to 1320 kg / m3. Cleaned from 1703 to 2104m KB. Space out to washdown with stand through KO point. Wash 2104 to 2148m KB.
117.0	22/10/2012	23/10/2012	0.00		2012.10.22 at 00:00 hours. Continued to wash to bottom@ 2154mKB. 8m of fill. Drilled 222mm hole to 2155mKB. Bit balling up. Pumped a 6m3 pill consisting of Sapp, Desco and Walnut shells. Spotted 1m3 over bit and moved .5m3 around bit every 15 minutes. Tripped up 16 m in an attempt to drag of any of the bit balling material off bit. Drilled 222mm hole with Tru Trac to 2159 mKB Bit balling up would not drill. Tripped out of hole. Hole pulled tight from 1937 mKB to 1881 mKB circulated to clean bit. Washed out stands to 1708 mKB. Tripped out of hole. Hole pulled tight at 1332 mKB to 1218 mKB. Make up an insert bit. Trip in hole with Tru Trac. Picking up 7 heavy weight drill pipe on 2012.10.22 at 23:59 hours.
118.0	23/10/2012	24/10/2012	0.00		2012.10.23 at 00:00 hours. Picked up 7 joints of heavy weight pipe and strapped in hole. Slipped and cut drilling line at intermediate casing shoe. Finished in hole. Washed from 2090 mKB to 2158 mKB. Directional drilled with Baker Tru Trac motor to 2201 mKB. TVD 2160.8 mKB. Rotary drilled 2.8m, oriented drilling 40.2 m for a total drilled of 43m. Notes- Distance from plan 2.26m (1.57 m above and 1.63 right of plan).
119.0	24/10/2012	25/10/2012	0.00		2012.10.24 at 00:00 hours. Directional drilled 222mm hole from 2201mKB to 2241 mKB. Penetration rate slowed. Tripped out of hole to replace bit. Hole in good shape on trip out. Tripping out in intermediate casing on 2012.10.24 at 23:59 hours. No accidents, incidents or spills recorded. Distance from directional plan=4.50 m 1.85m above and 4.10 m right.
120.0	25/10/2012	26/10/2012	0.00		2012.10.25 at 00:00 hours. Finished tripping out of hole. Changed out bit, Baker Tru Trac motor and scribe same. Tripped in hole, changed out drilling jars. Function tested Tru Trac motor at 307 mKB. Finished in hole to 2197 mKB. Washed and clean to bottom at 2241 mKB. Patterned bit and directional drilled ahead to 2265 mKB Drilling ahead on 2012.10.25 at 23:59 hours. Distance from directional plan 4.69m. 1.99m above and 4.24 m right. Held safety meeting with Rocky Snippa, Greg Charlie, Leng Hao Yu, rig crews and all contractor personnel on site. Held BOP drill with afternoon crew. No accidents incidents or spills recorded.
121.0	26/10/2012	27/10/2012	0.00		2012.10.26 at 00:00 hours. Directional drilled 222mm hole from 2265 mKB to 2329 mKB. Drilling ahead on 2012.10.26 at 23:59 hours. No accidents, incidents or spills reported. Distance from directional plan 5.24m. 2.42m above and 4.65 m right. TVD at midnight 2287.24m
122.0	27/10/2012	28/10/2012	0.00		2012.10.27 at 00:00 hours. Directional drilled 222mm hole from 2329 mKB to 2386 mKB. Drilling ahead on 2012.10.27 at 23:59 hours. No accidents, incidents or spills reported. Distance from directional plan 5.32m. 2.95m above and 4.42m right. TVD at midnight 2343.52m
123.0	28/10/2012	29/10/2012	0.00		2012.10.28 at 00:00 hours. Directional drilled 222mm hole with Baker Tru Trac to 2419 mKB. Tripped for bit. Pulled 5 stands. Back washed from 2278 mKB to 1996 mKB. Pulled to 1720 mKB. Back washed to 1621 mKB at midnight. Replaced grabber dies and burn sub for 1.25 hours on trip out. Continuing to backwash out on 2012.10.28 at 23:59 hours. No accidents, incidents or spills reported. Distance from directional plan 6.09 m. 3.93m above and 5.96m right. TVD at midnight 2376.34m
124.0	29/10/2012	30/10/2012	0.00		Backream out of the hole from 1621m to 1392m and strap pipe on trip out. Inspect WWT non-rotating protectors. Change out bit and inspect TruTrakmotor. RIH with bit #32: 222mm Security EQH34D2R (547X) insert bit. Slip and cut at 1219m. Continue to RIH to 2222m. Wash and ream tight sections all the way back to bottom from 2222m to 2254m with minimal cuttings coming across the shaker (geology indicates sandstone stringers in this section).



Daily Activity and Cost Summary

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
125.0	30/10/2012	31/10/2012	0.00		Continue to ream to bottom from 2282m to 2419m with >20m of fill. Pattern bit and drill 222mm hole section to 2455m. Average ROP = 3.5m/hr. Decrease the viscosity with water and desco prior to adding Hyperdrill to increase the PHPA content (none to be added until viscosity is <100 sec/L).
126.0	31/10/2012	01/11/2012	0.00		Continue to drill 222mm hole section from 2455m to 2535m. Average ROP = 3.9m/hr. Decrease the viscosity with water and desco to 80 sec/L prior to adding Hyperdrill to increase the PHPA content to 2.2kg/m3 prior to midnight.
127.0	01/11/2012	02/11/2012	0.00		Continue to drill 222mm hole section from 2535m to 2574m. Average ROP = 3.25m/hr. Increase the PHPA content to 3.2kg/m3 prior to POOH. Circulate two bottom's up. Pump out of the hole from 2574m to 2174m. Work tight sections, circulate and clean the hole as required (splintered shales coming over shakers).
128.0	02/11/2012	03/11/2012	0.00		Pump out of the hole from 2174m to 1714m. Work tight sections as required (splintered shales coming over shakers). Circulate hole clean at 1714m and work tight section here after flow check. Continue to pump out of the hole to the casing shoe, work tight hole again at 1425m. Continue to POOH and lay out TruTrak directional tools. Pick up slick mud motor and RIH with bit #33RR, 222mm Kingdream milltooth bit (117), 6 3/4" low speed Baker Hughes mud motor (0.04 rev/L), 14x HWDP, jars, pony HWDP, and 33x HWDP to drillpipe. Held BOP and man down drills with crews and performed weekly accumulator function test.
129.0	03/11/2012	04/11/2012	0.00		Continue to ream/wash from 1250m to 2105m. The viscosity and pH dropped and the water loss increased due to CO2 contamination. Circulate and condition mud at 2105m, work pipe. Final mud properties prior to pumping out of the hole: 1370 kg/m3, 65 sec/L, 6.5cc/30 min, 10 pH.
130.0	04/11/2012	05/11/2012	0.00		Pump out of the hole from 2105m to the casing shoe at 1196m. Work tight sections at 1235m and 1325m. Ream and clean hole from the casing shoe to 2241m adding barite to increase the mud weight to 1400kg/m3. Work tight section at 2238m with an increase in fine shale and splinters seen over the shakers.
131.0	05/11/2012	06/11/2012	0.00		Continue to ream to bottom and finish increasing mud weight to 1400kg/m3. Work and clean tight sections as necessary. Shale became course with larger splinters coming over shakers throughout the day. Add K2 Amine inhibitor, Alcomer to increase the PHPA concentration, and barite to increase the mud weight to +/- 1450kg/m3. Attempt to pump at 1.60m3/min with good initial hole cleaning but with difficulty controlling pressure and torque when reaming ahead, lower pump rate back to 1.50m3/min.
132.0	06/11/2012	07/11/2012	0.00		Continue to ream to bottom and condition mud from 2473m to 2574m (20m of fill). Work tight sections as required. Work stuck pipe at 2535m. Increase the mud weight to 1470kg/m3. Circulate and condition mud. Pump out of the hole for wiper trip to 2100m. Backream as required.
133.0	07/11/2012	08/11/2012	0.00		Pump out of the hole to 2100m. Circulate hole clean. Ream back down to 2382m. After discussion with office, backream out of the hole. A sample taken from the protector sleeves on stands showed rounded solids, 20-30% Hart River, trace of Blackie, and the rest Imperial (associated depth = 1693m to 1860m, but was RIH and POOH numerous times so may not representative of these depths). Saw less splintered shales as we continued to pump out of the hole (observed mainly fine cuttings starting at +/- 1800m). Circulate bottom's up at 1500m at different flow rates. Observations: [1] Pumping @ 1.5m3/min: 1/10 of the solids as when pumping at 1.6m3/min, very fine cuttings (30-40% Hart River, 60-65% Imperial, <5% Blackie, and 2-4% cement). [2] Pumping @ 1.6m3/min: 9 times the solids as when pumping at 1.5m3/min, course cuttings vs. fine cuttings (30-40% Hart River, 60-65% Imperial, <5% Blackie, and 2-4% cement). [3] Pumping @ 1.7m3/min: percent of solids and size of cuttings increased with a significant amount of well-rounded grains (30% Hart River, 65% Imperial, 5% Blackie and cement) and some larger pieces of filter cake (1-2" diameter). Pump a 8m3 high weighted sweep (1600kg/m3) with sawdust at 1.7m3/min which didn't bring a substantial amount of cuttings up. Continue to pump out of the hole to 1347m



Daily Activity and Cost Summary

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
134.0	08/11/2012	09/11/2012	0.00		Continue to POOH to casing shoe and circulate bottom's up. Pump pill and blow out mud lines. Lay out motor and replace bit (bit graded: 4/6/WT/A/E/1/NO/BHA). RIH slick with bit #34 (222mm KingDream Milltooth bit EG1HGLC) to 1165m, fill pipe, and blow out mud lines. Slip and cut. Continue to RIH to 2173m, fill pipe and break circulation. Ream from 2195m to 2476m. Tight/torquey sections at 2195m, 2210m, 2225m to 2259m (associated sandstone stringers here), Work torquey sections 2420m to 2476m, Shale coming over the shakers was small and ground up with occasional splinters at 1.50m3/min flow rate and became larger/splintered/cupped at 1.60m3/min. Weighted up to 1520kg/m3.
135.0	09/11/2012	10/11/2012	0.00		Continue to ream from 2476m to 2574m and increase mud weight to 1550kg/m3. Increased flow rate to 1.70m3/min while reaming at 2563m without a change in cutting size or volume. Circulate hole clean at 2574m. Backream out of the hole to 2100m. Tight/torquey at 2560m, 2553m, 2545m, 2530m, 2524m, 2437m, 2274m. Pump out from 2200m to 2100m no rotary. Circulate bottom's up. Perform weekly accumulator function test. RIH and wash from 2100m to 2153m. no rotary
136.0	10/11/2012	11/11/2012	0.00		Ream to bottom from 2166m to 2574m. Circulate the hole clean. Pump out to 2200m, pull to 2100m, work pipe and circulate hole clean. Wash back into the hole and ream tight spots from 2261m to 2286m, 2307m to 2315m, 2347m to 2373m, and 2524. Ream to bottom without issue to 2574m (2.5m of fill). Circulate and condition mud. Pump out to 2100m (tight and required rotary at 2516m, 2356m, 2345m, 2259m, and 2195m), work pipe and circulate bottom's up. Blow out mud lines with air. Attempt to POOH (tight at 2082m 2061m, 2022m, 1939m, 1891m. Continue to pump out & back ream to 1724m.
137.0	11/11/2012	12/11/2012	0.00		Continue to pump out of the hole from 1724m to 1500m. Circulate the hole clean at 1.70m3/min. RIH to 2200m (wash through bridge at 1587m). Ream to bottom from 2232m to 2574m with 0.5m of fill (tight sections at 2270m, 2407m, 2454m, 2479m, and 2509m). Tight and torquey from 2540m to 2574m. Circulate the hole clean at 1.60m3/min with large splinters of fractured and cupped shale (not rounded) coming across the shakers with some filter cake. Pump around weighted sawdust sweep to determine washout (no change in cuttings) and weight up the mud system to 1590kg/m3. Backream the first stand and pump out of the hole to 1500m and thoroughly clean the WWT protector sleeves for future removal. Circulate the hole clean at 1.70m3/min. Continue to pump out of the hole to 1313m. Tight at 1431m back ream through.
138.0	12/11/2012	13/11/2012	0.00		Continue to pump out of hole 1313m to 1190m. Circulate bottoms up, Rig to lay down drill pipe, lay down grade E pipe & HWDP. Pull wear bushing. Rig to run 177.8mm casing. Slip & Cut drilling line. Held BOP & Man down drill. Waiting on turbolizers (rig down to run casing / rig up to RIH with drill pipe. Trip in hole 14 stands & lay down removing casing WWT protectors. Rig up to and run 177.8mm casing to 350m.
139.0	13/11/2012	14/11/2012	0.00		Run 177.8mm casing from 352m to 1190m Circulate capacity of casing. Rig in Volant circulating tool and function test make top drive adjustments. Run casing 1190m to 2094m. Circulate bottoms up @ 2094m run casing to 2270m work tight spot & circ casing and recipocate at 2268m



Daily Activity and Cost Summary

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
140.0	14/11/2012	15/11/2012	0.00		Lay out 2 joints of casing, pick up pup joint and casing hanger mandrel land casing install cement head and circulate condition mud. Rig out volant circulating tool and power tongs. Rig in cementers & cement casing. CEMENT 177.8MM INTERMEDIATE CASING W/ 3M3 PREFLUSH (1600 KG/M3), LEAD - 19.1M3 (18.3 TONNES) HALCEM G (1665 KG/M3) + 0.2% HR-5 + 0.5% HALAD 567 + 1.6% GEL F/ 600-1340M. TAIL - 24.3M3 (32 TONNES) HALCEM G (1895 KG/M3) + 0.3% HR-5 + 0.5% HALAD 567 CONT. F/1340-2268M. DISPLACE W/ 43.4M3 DRILLING MUD. BUMP PLUG W/ 3500 KPA ABOVE FINAL CIRCULATING PRESSURE. PRESSURE TEST CASING TO 34,500 KPA FOR 10 MIN. BLEED PRESSURE. FLOATS HELD, NO FALLBACK. FULL RETURNS. EST. TOC (INCLUDING EXCESS) - 60M. Plug down @9:03 hrs. Back off landing joint & lay down, pick up mandril flushing tool & flush mandril & BOPs. Install bit guide packoff assy with Weatherford. Pressure test BOPs. 1500 kpa low, 34,500 kpa high Annular 1500 kpa low 17250 kpa high held for 10 min each all ok. Accumulator fct test. Break down stands of 5" drill pipe in derrick remove WWT protectors & lay down
141.0	15/11/2012	16/11/2012			Remove WWT csg protectors breakdown stands in mousehole, Break down stands in mousehole & lay down. Rig up to run 4" string makeup bit #35 156mm MSi613UBPX/Smith with 6 X11.1mm jets & 131mm Motor M1XP-LS-DB BHI & BHA RIH 6 120mm Drill collars, Pick up 7 joints 102mm HWDP Jars, 2 joints HWDP X/O 48 joints 102mm HWDP RUN IN TO 599m. CLEAN AND INSPECT ALL THREADS, SEALS AND USE STABBING GUIDE ON ALL JOINTS. PICK UP 4" DRILL PIPE F/599m-1000m.
142.0	16/11/2012	17/11/2012			No accidents, no incidents. Continue to pick up 4" CET 39 DP F/1000-2200m, Rack back 11 stands of DP in derrick. Continue picking up singles to 2200m. Start washing in hole, tag cement @ 2235m. Drill out shoe track to 2265.5m. Drill out Fill drill to 2568m Ream / wash down to 2278m
143.0	17/11/2012	18/11/2012	0.00		Ream & clean from 2267m to 2574m bridges @ 2274m 2321m. Circulate & condition mud. Trip out pump out to casing shoe 2264m Circulate bottoms up. Pump pill blow out surface equipment. Trip out of hole to 1300m
144.0	18/11/2012	19/11/2012	0.00		Trip out of hole from 1186m lay down drill collars & mud motor. Make up bit #36 trip in hole to 1229m. Slip & cut change out burn sub on top drive. Trip in hole tag & ream bridges @ 2303m, 2337m, 2354m, 2385m, 2420m, 2467m, 2484m, 2512m, 2522m, 2554m 2570m Circulate @ 2574m
145.0	19/11/2012	20/11/2012			No accidents, no incidents. Continue circulating hole clean. Wiper trip to 2263m. Circulate and condition hole. Rg up to and pump: Stabilization Cement Plug #1 W/ 10.2 m3 (13.4 tonnes) HALCEM G (1895 kg/m3) with 0.5% Halad 567, 0.2% HR-5, 0.5% CFR-3 F/ 2574-2399m (Est. TOC). Pumped 1.7 m3 water spacer ahead and 0.2 Mm3 behind. POOH to 2264m. Circulate drill string clean forward (no cement or contaminated mud seen). Circulate and WOC at shoe. RIH in hole to 2442m and did not feel any cement, Circulate hole clean of cement. POOH to casing shoe and circulate and WOC.
146.0	20/11/2012	21/11/2012	0.00		No accidents, No incidents. Continue to circulate and WOC. Wiper trip to shoe. Wash in hole and tag plug @ 2476m. Circulate and condition hole (hole packing off). Conduct a 5 stand wiper trip. Circulate and prep for plug job. Pump Stabilization Cement Plug #2: 15.0 m3 (19.74 tonnes) HALCEM G (1895 kg/m3) with 0.5% Halad 567, 0.2% HR-5, 0.5% CFR-3 F/ 2476-2271M (Est TOC). Pumped 1.7 M3 water spacer ahead and 0.2m3 behind. POOH to the shoe. Circulate the string and annulus clean. Circulate and WOC.



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API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
147.0	21/11/2012	22/11/2012	0.00		<p>No accidents, no incidents. Wash in hole and tag cement @ 2343.5m. Polish plug to 2345.5m. Circulate and condition hole. Pump Stabilization Cement Plug #3: 10.0 m3 (13.1 tonnes) HALCEM G (1895 kg/m3) with 0.5% Halad 567, 0.2% HR-5, 0.5% CFR-3 F/ 2345-2176m (Est.TOC). Pumped 1.7 m3 water spacer ahead and 0.2 m3 behind. POOH to +/-2176m. Circulate / flush drill string and annulus, seen 3m3 cement returns. Circulate and WOC. Displace well to stripped water with KI-3869 corrosion inhibitor. Tag plug @ 2177m. Polish plug to 2180m. Circulate hole clean. Pressure test 7" casing and cement plug to 7,000 kPa. Lay down pipe to 493m.</p>
148.0	22/11/2012	23/11/2012			<p>No accidents, no incidents. Finish laying down 4" drill string. Open up BOP ram doors and inspect rams / cavities. Nipple down BOP's. Clean mud tanks. Rig released @ 24:00 hrs, November 22nd, 2012</p> <p>Total Fuel Capacity - 112,737 L Total Fuel - 52,636 L Daily Fuel Consumption - 5,500 L</p>
149.0	23/11/2012	24/11/2012			<p>No accidents, no incidents. Continue nipping down BOP's. Install completion spool. Rig out and lay down top drive, service loop and torque track.</p>
150.0	24/11/2012	25/11/2012	0.00		<p>No accidents, no incidents. Continue rigging out and prepare to for shut down.</p>
151.0	25/11/2012	26/11/2012			<p>No accidents, no incidents. Continue rigging out and prepare to for shut down.</p>



Casing Summary

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Conductor, 28.20mKB											
Set Depth (mKB) 28.20		Set Tension (daN)		String Nominal OD (mm) 508.0		String Min Drift (mm) 482.6		Centralizers		Scratchers n/a	
Jts	Item Des	OD (mm)	ID (mm)	Wt (kg/m)	Grade	Top Thread	Top (mKB)	Btm (mKB)	Len (m)	P Burst (kPa)	P Collapse (kPa)
2	Casing Joints	508.0	482.6	158.490	J-55		8.20	28.20	20.00		5,309

Surface, 374.63mKB											
Set Depth (mKB) 374.63		Set Tension (daN)		String Nominal OD (mm) 339.7		String Min Drift (mm) 311.4		Centralizers		Scratchers n/a	
Jts	Item Des	OD (mm)	ID (mm)	Wt (kg/m)	Grade	Top Thread	Top (mKB)	Btm (mKB)	Len (m)	P Burst (kPa)	P Collapse (kPa)
29	Casing Joints	339.7	315.3	101.195	K-55	Buttress Thread	8.51	361.60	353.09		13,445
1	Float Collar	339.7	315.3	101.195	K-55	Buttress Thread	361.60	362.09	0.49		13,445
1	Casing Joints	339.7	315.3	101.195	K-55	Buttress Thread	362.09	374.08	11.99		13,445
1	Float Shoe	339.7	315.3	101.195	K-55	Buttress Thread	374.08	374.63	0.55		13,445
		339.7					374.63	374.63			

Intermediate 1, 1,197.00mKB											
Set Depth (mKB) 1,197.00		Set Tension (daN)		String Nominal OD (mm) 244.5		String Min Drift (mm) 222.2		Centralizers 45 Semi Rigid		Scratchers n/a	
Jts	Item Des	OD (mm)	ID (mm)	Wt (kg/m)	Grade	Top Thread	Top (mKB)	Btm (mKB)	Len (m)	P Burst (kPa)	P Collapse (kPa)
0	Landing Joint	244.5	224.4	59.527	L-80	LT&C	7.90	7.90	0.00		21,305
1	Casing Hanger	244.5	224.4	59.527	L-80	LT&C	7.90	10.07	2.17		21,305
1	Casing Pup Joint	244.5	224.4	59.527	L-80	LT&C	10.07	11.83	1.76		21,305
85	Casing Joints	244.5	224.4	59.527	L-80	LT&C	11.83	1,170.45	1,158.62		21,305
1	Float Collar	244.5	224.4	59.527	L-80	LT&C	1,170.45	1,170.92	0.47		21,305
2	Casing Joints	244.5	224.4	59.527	L-80	LT&C	1,170.92	1,196.45	25.53		21,305
1	Guide Shoe	244.5	224.4	59.530	L-80	LT&C	1,196.45	1,197.00	0.55	39,645	21,300

Intermediate 2, 2,268.00mKB											
Set Depth (mKB) 2,268.00		Set Tension (daN)		String Nominal OD (mm) 177.8		String Min Drift (mm) 155.8		Centralizers 40x 8.25" Stand off bands, 60x 8.5" stand off bands, 41x Semi-rigid centralizers		Scratchers n/a	
Jts	Item Des	OD (mm)	ID (mm)	Wt (kg/m)	Grade	Top Thread	Top (mKB)	Btm (mKB)	Len (m)	P Burst (kPa)	P Collapse (kPa)
0	Double pin #2	177.8	157.1	43.157	L-80	LT&C	7.66	7.66	0.00		48,401
1	Landing jt w/ Mandrel #2, 8.83m f/ top to mandrel	177.8	157.1	43.157	L-80	LT&C	7.66	9.69	2.03		48,401
0	Landing jt w/ Mandrel #1, 9.02m f/ top to mandrel	177.8	157.1	43.157	L-80	LT&C	9.69	9.69	0.00		48,401
1	Casing Pup Joint A	177.8	157.1	43.157	L-80	LT&C	9.69	16.79	7.10		48,401
16	Casing Joints	177.8	157.1	43.157	L-80	LT&C	16.79	2,222.77	2,205.98		48,401
2	Float Collar plus jt	177.8	157.1	43.157	L-80	LT&C	2,222.77	2,251.69	28.92		
1	Casing Joints	177.8	157.1	43.157	L-80	LT&C	2,251.69	2,265.46	13.77		48,401
1	Float Collar	177.8	157.1	43.157	L-80	LT&C	2,265.46	2,265.91	0.45		48,401
1	Stubby Landing Tool	177.8	157.1	43.157	L-80	LT&C	2,265.91	2,268.00	2.09		

Production Liner, 3,570.00mKB											
Set Depth (mKB) 3,570.00		Set Tension (daN)		String Nominal OD (mm)		String Min Drift (mm)		Centralizers		Scratchers	
Jts	Item Des	OD (mm)	ID (mm)	Wt (kg/m)	Grade	Top Thread	Top (mKB)	Btm (mKB)	Len (m)	P Burst (kPa)	P Collapse (kPa)



Cement

Conductor Cement

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Conductor Cement, Casing, 15/06/2012 18:00

Type Casing	Cementing Start Date 15/06/2012	Cementing End Date 15/06/2012	Wellbore Original Hole	String Conductor, 28.20mKB
Cementing Company	Evaluation Method	Cement Evaluation Results		

Comment
CEMENT 914MM CASING. PUMP 1.0M3 WATER FOLLOWED BY 7.9 M3 (10 TONNES) ARCTIC-CEM (1870 KG/M3) F/ (0-20M) W/ 0.2% PFR-1. HIGH FLUID LOSS TO FORMATION. PUMP ANOTHER 7.1 M3 (8.99 TONNES) ARCTIC-CEM (1870 KG/M3) F/ (0-20M) W/ 0.2% PFR-1. DISPLACE PIPE WITH 1.0 M3 OF WATER.

1, 8.20-28.20mKB

Top Depth (mKB) 8.20	Bottom Depth (mKB) 28.20	Full Return? Yes	Vol Cement Ret (m³) 0.750	Top Plug? No	Bottom Plug? No
Initial Pump Rate (m³/min) 0.750	Final Pump Rate (m³/min) 0.750	Avg Pump Rate (m³/min) 0.750		Final Pump Pressure (kPa) 380	Plug Bump Pressure (kPa)
Pipe Reciprocated? No	Reciprocation Stroke Length (m)	Reciprocation Rate (spm)	Pipe Rotated? No	Pipe RPM (rpm)	
Tagged Depth (mKB)	Tag Method	Depth Plug Drilled Out To (mKB)	Drill Out Diameter (mm)	Drill Out Date	

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Fluid Type	Fluid Description	Amount (1000kg)	Class	Volume Pumped (m³)
Estimated Top (mKB)	Estimated Bottom Depth (mKB)	Percent Excess Pumped (%)	Yield (m³/tonne)	Mix H2O Ratio (m³/tonne)
Free Water (%)	Density (kg/m³)	Plastic Viscosity (Pa*s)	Thickening Time (hr)	1st Compressive Strength (kPa)

Cement Fluid Additives

Add	Type	Conc



Cement

Surface

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Surface, Casing, 10/07/2012 02:15

Type Casing	Cementing Start Date 10/07/2012	Cementing End Date 10/07/2012	Wellbore Original Hole	String Surface, 374.63mKB
Cementing Company Halliburton Energy Services	Evaluation Method Returns to Surface	Cement Evaluation Results 5m3 cement returns to surface. After pumping stopped, cement fell back to 27m requiring two top up cement jobs to get cement to surface.		

Comment
CEMENT 444.5MM CASING W/ 16.9 M3 (21.4 TONNES) ARCTIC-CEM (1870 KG/M3) LEAD F/ (0-200M) W/ 0.27% PFR-1 FOLLOWED BY 11 M3 (14.5 TONNES) OF HALCEM G TAIL CEMENT (1895KG/M3). 5 M3 RETURNS TO SURFACE, DISPLACED W/ 3.25 M3 WATER.

1, 8.50-374.63mKB

Top Depth (mKB) 8.50	Bottom Depth (mKB) 374.63	Full Return? Yes	Vol Cement Ret (m³) 5.00	Top Plug? Yes	Bottom Plug? No
Initial Pump Rate (m³/min) 1.000	Final Pump Rate (m³/min) 0.400	Avg Pump Rate (m³/min) 1.000		Final Pump Pressure (kPa) 3,000	Plug Bump Pressure (kPa) 15,700
Pipe Reciprocated? No	Reciprocation Stroke Length (m)	Reciprocation Rate (spm)		Pipe Rotated? No	Pipe RPM (rpm)
Tagged Depth (mKB) 362.00	Tag Method Drill Bit	Depth Plug Drilled Out To (mKB) 375.00		Drill Out Diameter (mm) 311.0	Drill Out Date 13/07/2012

Lead

Fluid Type Lead	Fluid Description ArcticCem + 0.27% PFR-1	Amount (1000kg) 21.4	Class	Volume Pumped (m³) 16.90
Estimated Top (mKB) 8.50	Estimated Bottom Depth (mKB) 200.00	Percent Excess Pumped (%) 30.0	Yield (m³/tonne) 0.790	Mix H2O Ratio (m³/tonne) 0.42
Free Water (%)	Density (kg/m³) 1,870.0	Plastic Viscosity (Pa*s)	Thickening Time (hr) 2.50	1st Compressive Strength (kPa) 3,500

Cement Fluid Additives

Add	Type	Conc

Tail

Fluid Type Tail	Fluid Description HalCem G	Amount (1000kg) 10.7	Class G	Volume Pumped (m³) 8.10
Estimated Top (mKB) 200.00	Estimated Bottom Depth (mKB) 200.00	Percent Excess Pumped (%) 10.0	Yield (m³/tonne) 0.760	Mix H2O Ratio (m³/tonne) 0.44
Free Water (%)	Density (kg/m³) 1,895.0	Plastic Viscosity (Pa*s)	Thickening Time (hr) 3.75	1st Compressive Strength (kPa) 3,500

Cement Fluid Additives

Add	Type	Conc

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Cement

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

Intermediate Casing Cement

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Intermediate Casing Cement, Casing, 27/07/2012 23:00

Type Casing	Cementing Start Date 27/07/2012	Cementing End Date 28/07/2012	Wellbore Original Hole	String Intermediate 1, 1,197.00mKB
Cementing Company Halliburton Energy Services	Evaluation Method	Cement Evaluation Results No cement to surface. However, contaminated the drilling fluid with channelled cement or improperly distributed cement blends.		

Comment
 CEMENT 311.15MM CASING:
 PRE-FLUSH:
 3.0M3 WATER
 SCAVENGER:
 4.0 M3 (1.3 TONNES) EXTENDACEM 1400 (1250 KG/M3) + 0.5% HALAD 344
 LEAD 1:
 19.9 M3 (10.3 TONNES) EXTENDACEM 1400 (1250 KG/M3) + 0.5% HALAD 344
 LEAD 2:
 40.8 M3 (40.0 TONNES) HALCEM G + 0.5% HALAD 657 +1.6% HAL GEL + 0.7% CACL + 4% ECONOLITE
 TAIL:
 33.4 M3 (44.0 TONNES) OF HALCEM G TAIL CEMENT (1895KG/M3) + 0.5% HALAD 344 + 0.2% HR -4

Contaminated drilling fluid severely where contaminated mud/cement set up in shaker tanks. Had to clean tanks and strip/process mud in order to be used for the next hole section. Time consuming.

Cement Bond log run to confirm shoe cement integrity. Casing - cement bond satisfactory at shoe and bottom 200m of casing.

1, 150.00-1,197.00mKB

Top Depth (mKB) 150.00	Bottom Depth (mKB) 1,197.00	Full Return? No	Vol Cement Ret (m³) 0.00	Top Plug? Yes	Bottom Plug? Yes
Initial Pump Rate (m³/min) 1.000	Final Pump Rate (m³/min) 0.500	Avg Pump Rate (m³/min) 1.000		Final Pump Pressure (kPa) 8,000	Plug Bump Pressure (kPa) 15,000
Pipe Reciprocated? Yes	Reciprocation Stroke Length (m) 4.00	Reciprocation Rate (spm) 1		Pipe Rotated? No	Pipe RPM (rpm)
Tagged Depth (mKB)	Tag Method	Depth Plug Drilled Out To (mKB)	Drill Out Diameter (mm) 222.2	Drill Out Date	

Preflush					
Fluid Type Preflush	Fluid Description Preflush	Amount (1000kg) 0.0	Class Water	Volume Pumped (m³) 3.00	
Estimated Top (mKB) 0.00	Estimated Bottom Depth (mKB) 21.00	Percent Excess Pumped (%)	Yield (m³/tonne)	Mix H2O Ratio (m³/tonne)	
Free Water (%)	Density (kg/m³) 1,000.0	Plastic Viscosity (Pa*s)	Thickening Time (hr)	1st Compressive Strength (kPa)	

Cement Fluid Additives					
Add	Type	Conc			

Scavenger					
Fluid Type Scavenger	Fluid Description Scavenger	Amount (1000kg) 1.3	Class Thermal	Volume Pumped (m³) 4.00	
Estimated Top (mKB) 21.00	Estimated Bottom Depth (mKB) 150.00	Percent Excess Pumped (%) 0.0	Yield (m³/tonne) 3.100	Mix H2O Ratio (m³/tonne) 2.62	
Free Water (%)	Density (kg/m³) 1,250.0	Plastic Viscosity (Pa*s)	Thickening Time (hr) 6.00	1st Compressive Strength (kPa) 3,500	

Cement Fluid Additives					
Add	Type	Conc			
Halad 344		0.5			

Lead 1					
Fluid Type Lead 1	Fluid Description Lead	Amount (1000kg) 10.3	Class Thermal	Volume Pumped (m³) 19.90	
Estimated Top (mKB) 150.00	Estimated Bottom Depth (mKB) 481.50	Percent Excess Pumped (%) 25.0	Yield (m³/tonne) 1.940	Mix H2O Ratio (m³/tonne) 1.46	
Free Water (%)	Density (kg/m³) 1,400.0	Plastic Viscosity (Pa*s)	Thickening Time (hr) 6.00	1st Compressive Strength (kPa) 3,500	

Cement Fluid Additives					
Add	Type	Conc			
Halad 344		0.5			

Lead 2					
Fluid Type Lead 2	Fluid Description Lead	Amount (1000kg) 40.0	Class G	Volume Pumped (m³) 40.80	
Estimated Top (mKB) 481.50	Estimated Bottom Depth (mKB) 945.00	Percent Excess Pumped (%) 25.0	Yield (m³/tonne) 1.020	Mix H2O Ratio (m³/tonne) 0.70	
Free Water (%)	Density (kg/m³) 1,665.0	Plastic Viscosity (Pa*s)	Thickening Time (hr) 4.00	1st Compressive Strength (kPa) 3,500	



Cement

Intermediate Casing Cement

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Cement Fluid Additives		
Add	Type	Conc
CaCl2		0.7
Econolite		4.0
Hal Gel		1.6
Halad 567		0.5

Tail					
Fluid Type	Fluid Description	Amount (1000kg)	Class	Volume Pumped (m³)	
Tail	Tail	44.0	G	33.40	
Estimated Top (mKB) 945.00	Estimated Bottom Depth (mKB) 1,197.00	Percent Excess Pumped (%) 25.0	Yield (m³/tonne) 0.760	Mix H2O Ratio (m³/tonne) 0.44	
Free Water (%)	Density (kg/m³) 1,895.0	Plastic Viscosity (Pa*s)	Thickening Time (hr) 2.50	1st Compressive Strength (kPa) 3,500	

Cement Fluid Additives		
Add	Type	Conc
Halad 344		0.5
HR-4		0.2

Displacement					
Fluid Type	Fluid Description	Amount (1000kg)	Class	Volume Pumped (m³)	
Displacement	Drilling Mud	0.0	n/a	46.80	
Estimated Top (mKB) 0.00	Estimated Bottom Depth (mKB) 1,181.90	Percent Excess Pumped (%)	Yield (m³/tonne)	Mix H2O Ratio (m³/tonne)	
Free Water (%)	Density (kg/m³) 1,250.0	Plastic Viscosity (Pa*s)	Thickening Time (hr)	1st Compressive Strength (kPa)	

Cement Fluid Additives		
Add	Type	Conc



Cement

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

Cement Plug #1

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Cement Plug #1, Plug, 06/10/2012 09:00

Type Plug	Cementing Start Date 06/10/2012	Cementing End Date 06/10/2012	Wellbore Original Hole	String
Cementing Company Halliburton Energy Services	Evaluation Method Tagged at 2168	Cement Evaluation Results Samples set good. Plug felt at 2168 mKB.		

Comment
Plug # 1 From 2220mKB to 2120 mKB (50% excess) with 5.4 tonnes (5.8m3) of HalCem G +1.1% Bentonite 0.5% Halad 567 & 2.0% Econolite & 1.0% HR-5. Plug down 2012.10.06 @ 0957 hours.

1, 2,120.00-2,220.00mKB

Top Depth (mKB) 2,120.00	Bottom Depth (mKB) 2,220.00	Full Return? No	Vol Cement Ret (m³)	Top Plug? No	Bottom Plug? No
Initial Pump Rate (m³/min)	Final Pump Rate (m³/min)	Avg Pump Rate (m³/min)		Final Pump Pressure (kPa)	Plug Bump Pressure (kPa)
Pipe Reciprocated? No	Reciprocation Stroke Length (m)	Reciprocation Rate (spm)		Pipe Rotated? No	Pipe RPM (rpm)
Tagged Depth (mKB) 2,168.00	Tag Method Drill Bit	Depth Plug Drilled Out To (mKB) 2,220.00		Drill Out Diameter (mm) 222.0	Drill Out Date 07/10/2012

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Fluid Type	Fluid Description	Amount (1000kg)	Class	Volume Pumped (m³)
Estimated Top (mKB)	Estimated Bottom Depth (mKB)	Percent Excess Pumped (%)	Yield (m³/tonne)	Mix H2O Ratio (m³/tonne)
Free Water (%)	Density (kg/m³)	Plastic Viscosity (Pa*s)	Thickening Time (hr)	1st Compressive Strength (kPa)

Cement Fluid Additives

Add	Type	Conc



Cement

Cement Plug #2

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Cement Plug #2, Plug, 09/10/2012 03:00

Type Plug	Cementing Start Date 09/10/2012	Cementing End Date 09/10/2012	Wellbore Original Hole	String
Cementing Company Halliburton Energy Services	Evaluation Method Tagged at 2239 mKB	Cement Evaluation Results Samples set good. Plug felt at 2239 mKB.		

Comment
Plug # 2 From 2220mKB to 2268 mKB with 5.5 tonnes (6m3) of HalCem G +1.1% Bentonite 0.5% Halad 567 & 2.0% Econolite & 1.0% HR-5. Plug down 2012.10.09 @ 05:48 hours

1, 2,220.00-2,268.00mKB

Top Depth (mKB) 2,220.00	Bottom Depth (mKB) 2,268.00	Full Return?	Vol Cement Ret (m³)	Top Plug?	Bottom Plug?
Initial Pump Rate (m³/min)	Final Pump Rate (m³/min)	Avg Pump Rate (m³/min)		Final Pump Pressure (kPa)	Plug Bump Pressure (kPa)
Pipe Reciprocated?	Reciprocation Stroke Length (m)	Reciprocation Rate (spm)		Pipe Rotated?	Pipe RPM (rpm)
Tagged Depth (mKB) 2,239.00	Tag Method Drill Bit	Depth Plug Drilled Out To (mKB) 2,268.00		Drill Out Diameter (mm) 222.0	Drill Out Date 09/10/2012

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Fluid Type	Fluid Description	Amount (1000kg)	Class	Volume Pumped (m³)
Estimated Top (mKB)	Estimated Bottom Depth (mKB)	Percent Excess Pumped (%)	Yield (m³/tonne)	Mix H2O Ratio (m³/tonne)
Free Water (%)	Density (kg/m³)	Plastic Viscosity (Pa*s)	Thickening Time (hr)	1st Compressive Strength (kPa)

Cement Fluid Additives

Add	Type	Conc



Cement

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

Sidetrack plug #1

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Sidetrack plug #1, Squeeze, 13/10/2012 15:15

Type Squeeze	Cementing Start Date 13/10/2012	Cementing End Date 13/10/2012	Wellbore Original Hole	String
Cementing Company Halliburton Energy Services	Evaluation Method Tagged at 2107 mKB	Cement Evaluation Results Samples Good		

Comment
Sidetrack plug #1 2200 mKB-2050mKB 16.1 tonnes of Halcem G + 0.5% Halad 567, 1.0% CFR-3 + 0.4% HR-5 (10.7 m3). Plug down 2012.10.13 at 17:28 hours.

1, 2,200.00-2,050.00mKB

Top Depth (mKB) 2,200.00	Bottom Depth (mKB) 2,050.00	Full Return?	Vol Cement Ret (m³)	Top Plug?	Bottom Plug?
Initial Pump Rate (m³/min)	Final Pump Rate (m³/min)	Avg Pump Rate (m³/min)		Final Pump Pressure (kPa)	Plug Bump Pressure (kPa)
Pipe Reciprocated?	Reciprocation Stroke Length (m)	Reciprocation Rate (spm)		Pipe Rotated?	Pipe RPM (rpm)
Tagged Depth (mKB) 2,108.00	Tag Method Drill Bit	Depth Plug Drilled Out To (mKB) 2,117.00	Drill Out Diameter (mm) 222.2	Drill Out Date 15/10/2012	

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Fluid Type	Fluid Description	Amount (1000kg)	Class	Volume Pumped (m³)
Estimated Top (mKB)	Estimated Bottom Depth (mKB)	Percent Excess Pumped (%)	Yield (m³/tonne)	Mix H2O Ratio (m³/tonne)
Free Water (%)	Density (kg/m³)	Plastic Viscosity (Pa*s)	Thickening Time (hr)	1st Compressive Strength (kPa)

Cement Fluid Additives

Add	Type	Conc



Cement

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

Intermediate #2 Casing Cement

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Intermediate #2 Casing Cement, Casing, 14/11/2012 06:45

Type Casing	Cementing Start Date 14/11/2012	Cementing End Date 14/11/2012	Wellbore Sidetrack 1	String Intermediate 2, 2,268.00mKB
Cementing Company Halliburton Energy Services	Evaluation Method Returns to Surface	Cement Evaluation Results Full returns throughout job.		

Comment
 CEMENT 177.8MM INTERMEDIATE CASING
 PREFLUSH:
 3M3 PREFLUSH (1600 KG/M3),
 LEAD:
 19.1M3 (18.3 TONNES) HALCEM G (1665 KG/M3) + 0.2% HR-5 + 0.5% HALAD 567 + 1.6% GEL F/ 600-1340M.
 TAIL - 24.3M3 (32 TONNES) HALCEM G (1895 KG/M3) + 0.3% HR-5 + 0.5% HALAD 567 F/1340-2268M.
 DISPLACE W/ 43.4M3 DRILLING MUD.
 BUMP PLUG W/ 3500 KPA ABOVE FINAL CIRCULATING PRESSURE. PRESSURE TEST CASING TO 34,500 KPA FOR 10 MIN.
 BLEED PRESSURE. FLOATS HELD, NO FALLBACK. FULL RETURNS. EST. TOC (INCLUDING EXCESS) - 60M

1, 60.00-2,268.00mKB

Top Depth (mKB) 60.00	Bottom Depth (mKB) 2,268.00	Full Return? Yes	Vol Cement Ret (m³) 0.00	Top Plug? Yes	Bottom Plug? No
Initial Pump Rate (m³/min) 1.000	Final Pump Rate (m³/min) 1.000	Avg Pump Rate (m³/min) 1.000		Final Pump Pressure (kPa) 11,500	Plug Bump Pressure (kPa) 15,000
Pipe Reciprocated? No	Reciprocation Stroke Length (m)	Reciprocation Rate (spm)		Pipe Rotated? No	Pipe RPM (rpm)
Tagged Depth (mKB) 2,235.00	Tag Method Drill Bit	Depth Plug Drilled Out To (mKB) 2,278.00		Drill Out Diameter (mm) 155.6	Drill Out Date 15/11/2012

Lead

Fluid Type Lead	Fluid Description HAL CEM G	Amount (1000kg) 18.3	Class G	Volume Pumped (m³) 19.10
Estimated Top (mKB) 60.00	Estimated Bottom Depth (mKB) 1,340.00	Percent Excess Pumped (%) 30.0	Yield (m³/tonne) 1.040	Mix H2O Ratio (m³/tonne) 0.70
Free Water (%)	Density (kg/m³) 1,665.0	Plastic Viscosity (Pa*s)	Thickening Time (hr) 2.80	1st Compressive Strength (kPa) 3,500

Cement Fluid Additives

Add	Type	Conc
Bentonite	Gel	1.6
Retarder	Halad 567	0.5
Fluid Loss Control	HR-5	0.2

Tail

Fluid Type Tail	Fluid Description HAL CEM G	Amount (1000kg) 32.0	Class G	Volume Pumped (m³) 24.30
Estimated Top (mKB) 1,340.00	Estimated Bottom Depth (mKB) 2,268.00	Percent Excess Pumped (%) 30.0	Yield (m³/tonne) 0.760	Mix H2O Ratio (m³/tonne) 0.44
Free Water (%)	Density (kg/m³) 1,895.0	Plastic Viscosity (Pa*s)	Thickening Time (hr) 3.50	1st Compressive Strength (kPa) 3,500

Cement Fluid Additives

Add	Type	Conc
Retarder	Halad 567	0.5
Fluid Loss Control	HR-5	0.3



Cement

Cement Plug

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Cement Plug, Plug, 19/11/2012 10:30

Type Plug	Cementing Start Date 19/11/2012	Cementing End Date 19/11/2012	Wellbore Sidetrack 1	String
Cementing Company Halliburton Energy Services	Evaluation Method Tag Plug	Cement Evaluation Results Tagged plug @ 2476m.		

Comment
PUMP STABILIZATION CEMENT PLUG #1 W/ 10.2 M3 (13.4 TONNES) HALCEM G (1895 KG/M3) WITH 0.5% HALAD 567, 0.2% HR-5, 0.5% CFR-3 F/ 2574-2399M (EST TOC). PUMPED 1.7 M3 WATER SPACER AHEAD AND 0.2 M3 BEHIND.

1, 2,476.00-2,574.00mKB

Top Depth (mKB) 2,476.00	Bottom Depth (mKB) 2,574.00	Full Return? Yes	Vol Cement Ret (m³) 0.00	Top Plug? No	Bottom Plug? No
Initial Pump Rate (m³/min) 1.000	Final Pump Rate (m³/min) 1.000	Avg Pump Rate (m³/min) 1.000		Final Pump Pressure (kPa) 15,000	Plug Bump Pressure (kPa) 15,000
Pipe Reciprocated? No	Reciprocation Stroke Length (m)	Reciprocation Rate (spm)	Pipe Rotated? No	Pipe RPM (rpm)	
Tagged Depth (mKB) 2,476.00	Tag Method Drill Bit	Depth Plug Drilled Out To (mKB)	Drill Out Diameter (mm)	Drill Out Date	

Tail

Fluid Type Tail	Fluid Description 10.2 M3 (13.4 TONNES) HALCEM G (1895 KG/M3) WITH 0.5% HALD 567, 0.2% HR-5, 0.5% CFR-3 F/ 2574- 2399M (EST TOC).	Amount (1000kg) 13.4	Class G	Volume Pumped (m³) 10.20
Estimated Top (mKB) 2,476.00	Estimated Bottom Depth (mKB) 2,574.00	Percent Excess Pumped (%) 50.0	Yield (m³/tonne) 0.760	Mix H2O Ratio (m³/tonne) 0.44
Free Water (%)	Density (kg/m³) 1,895.0	Plastic Viscosity (Pa·s)	Thickening Time (hr) 3.66	1st Compressive Strength (kPa) 3,500

Cement Fluid Additives

Add	Type	Conc
	CFR-3	0.5
	Halad 567	0.5
	HR-5	0.2



Cement

Cement Plug

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Cement Plug, Plug, 20/11/2012 11:30

Type Plug	Cementing Start Date 20/11/2012	Cementing End Date 20/11/2012	Wellbore Sidetrack 1	String
Cementing Company Halliburton Energy Services	Evaluation Method Tag Plug	Cement Evaluation Results Tagged plug @ 2344.5m		

Comment
PUMP STABILIZATION CEMENT PLUG #2 W/ 15.0 M3 (19.74 TONNES) HALCEM G (1895 KG/M3) WITH 0.5% HALAD 567, 0.2% HR-5, 0.5% CFR-3 F/ 2476 -2271M (EST TOC). PUMPED 1.7 M3 WATER SPACER AHEAD AND 0.2 M3 BEHIND.

1, 2,268.00-2,476.00mKB

Top Depth (mKB) 2,268.00	Bottom Depth (mKB) 2,476.00	Full Return? Yes	Vol Cement Ret (m³) 0.00	Top Plug? No	Bottom Plug? No
Initial Pump Rate (m³/min) 1.000	Final Pump Rate (m³/min) 1.000	Avg Pump Rate (m³/min) 1.000		Final Pump Pressure (kPa) 20,000	Plug Bump Pressure (kPa)
Pipe Reciprocated? Yes	Reciprocation Stroke Length (m) 3.00	Reciprocation Rate (spm) 1	Pipe Rotated? No	Pipe RPM (rpm)	
Tagged Depth (mKB) 2,343.50	Tag Method Drill Bit	Depth Plug Drilled Out To (mKB) 2,344.50	Drill Out Diameter (mm) 155.6	Drill Out Date 21/11/2012	

Tail

Fluid Type Tail	Fluid Description PUMP STABILIZATION CEMENT PLUG #2 W/ 15.0 M3 (19.74 TONNES) HALCEM G (1895 KG/M3) WITH 0.5% HALAD 567, 0.2% HR-5, 0.5% CFR-3 F/ 2476-2271M (EST TOC).	Amount (1000kg) 19.7	Class G	Volume Pumped (m³) 15.00
Estimated Top (mKB) 2,345.00	Estimated Bottom Depth (mKB) 2,476.00	Percent Excess Pumped (%) 50.0	Yield (m³/tonne) 0.760	Mix H2O Ratio (m³/tonne) 0.44
Free Water (%)	Density (kg/m³) 1,895.0	Plastic Viscosity (Pa·s)	Thickening Time (hr) 3.66	1st Compressive Strength (kPa) 3,500

Cement Fluid Additives

Add	Type	Conc
	CFR-3	0.5
	Halad 567	0.5
	HR-5	0.2



Cement

Cement Plug

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Cement Plug, Plug, 21/11/2012 06:45

Type Plug	Cementing Start Date 21/11/2012	Cementing End Date 20/11/2012	Wellbore Sidetrack 1	String
Cementing Company Halliburton Energy Services	Evaluation Method Tag Plug	Cement Evaluation Results		

Comment
PUMP STABILIZATION CEMENT PLUG #3 W/ 10.0 M3 (13.1 TONNES) HALCEM G (1895 KG/M3) WITH 0.5% HALAD 567, 0.2% HR-5, 0.5% CFR-3 F/ 2345-2176M (EST TOC). PUMPED 1.7 M3 WATER SPACER AHEAD AND 0.2 M3 BEHIND.

1, 2,176.00-2,345.00mKB

Top Depth (mKB) 2,176.00	Bottom Depth (mKB) 2,345.00	Full Return? Yes	Vol Cement Ret (m³) 3.00	Top Plug? No	Bottom Plug? No
Initial Pump Rate (m³/min) 0.700	Final Pump Rate (m³/min) 1.000	Avg Pump Rate (m³/min) 0.800		Final Pump Pressure (kPa) 15,000	Plug Bump Pressure (kPa)
Pipe Reciprocated? Yes	Reciprocation Stroke Length (m) 3.00	Reciprocation Rate (spm) 1		Pipe Rotated? No	Pipe RPM (rpm)
Tagged Depth (mKB) 2,168.00	Tag Method Drill Bit	Depth Plug Drilled Out To (mKB) 2,180.00		Drill Out Diameter (mm) 152.4	Drill Out Date 21/11/2012

Tail

Fluid Type Tail	Fluid Description 10.0 M3 (13.1 TONNES) HALCEM G (1895 KG/M3) WITH 0.5% HALAD 567, 0.2% HR-5, 0.5% CFR-3 F/ 2345- 2176M (EST TOC).	Amount (1000kg) 19.7	Class G	Volume Pumped (m³) 15.00
Estimated Top (mKB) 2,176.00	Estimated Bottom Depth (mKB) 2,345.00	Percent Excess Pumped (%) 50.0	Yield (m³/tonne) 0.760	Mix H2O Ratio (m³/tonne) 0.44
Free Water (%)	Density (kg/m³) 1,895.0	Plastic Viscosity (Pa·s)	Thickening Time (hr) 3.66	1st Compressive Strength (kPa) 3,500

Cement Fluid Additives

Add	Type	Conc
	CFR-3	0.5
	Halad 567	0.5
	HR-5	0.2



Bit Summary

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

Job Type: Drilling - original

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	License # 1130	Well Configuration Type Deviated	Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05
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Bits																		
BHA #	Bit Run	Size (mm)	Make	Model	SN	IADC Codes	TFA (incl Noz) (mm ²)	Nozzles (mm)	Depth In (mKB)	Depth Out (mKB)	Drilled (m)	Drill Time (hr)	BHA ROP (m/hr)	WOB Max (daN)	WOB Min (daN)	Max RPM (rpm)	Min RPM (rpm)	Bit Dull
1	1A	444.5	SECURITY	KLS11TGB	0020210	117	2,413	32.0/32.0/32.0	20.00	63.00	43.00	12.25	3.5	3,000	3,000	50	50	1-1-NO-A-E-0-WT-BHA
2	2A	444.5	SMITH	15JSC	NCO471	445X	3,927	38.1/38.1/38.1/25.4	74.00	377.00	303.00	52.00	5.8	17,000	6,000	180	160	2-2-SS-A-E-1-FC-TD
3	1	311.0	VAREL	HE14JMRSV	1306664	437X	1,322	22.2/22.2/22.2/14.3	377.00	881.00	504.00	56.00	9.0	22,500	5,000	172	50	2-2-NO-H-F-4-WT-TO
4	2	311.0	SMITH	GFI23BODVCP	PS6378	517X	1,366	19.1/19.1/19.1/25.4	881.00	1,197.00	246.00	48.50	5.1	26,000	5,000	197	117	2-3-BT-S-E-1-FC-TD
5	2RR	311.0	SMITH	GFI23BODVCP	PS6378	517X	2,733	19.1/19.1/19.1/19.1/19.1/19.1/25.4/25.4	1,197.00	1,197.00				5,000	5,000	197	197	-----
6	2RR	311.2	SMITH	GFI23BODVCP	PS6378	---	1,331	19.1/19.1/19.1/24.5	1,197.00	1,197.00				5,000	5,000	80	80	-----
7	3	222.2	SMITH	FHI21B OD1VPS	PX4870	517X	1,361	15.9/15.9/15.9	30.00	1,180.27	1,150.27			5,000	5,000	20	20	1-1-NO-A-E-0-WT-LOG
8	3 RR	222.2	SMITH	FHI21B OD1VPS	PX4870	517X	594	15.9/15.9/15.9	1,197.00	1,405.00	208.00	30.67	6.8	70,000	12,000	70	50	8-4-WT-A-E--BT-BHA
9	4	222.2	SMITH	FHI35 OD1VPS	PS6169	547X	594	15.9/15.9/15.9	1,405.00	1,447.00	42.00	13.00	3.2	17,000	16,000	115	85	8-5-BT-A-E-0-JD-PR
10	5	222.2	HUGHES	GX-45CDX2	5210371	627	481	14.3/14.3/14.3	1,447.00	1,606.00	159.00	43.75	3.6	23,000	17,000	85	83	2-3-CT-A-E-1-WT-TO
11	6	222.2	SECURITY	EQH-34D2R	11548155	547W	380	12.7/12.7/12.7	1,606.00	1,658.00	52.00	9.25	5.6	23,000	23,000	85	85	6-6-LT-M-E-0-BT-PR
12	7	222.2	SMITH	FHI40 ODVPS	PS9225	617X	481	14.3/14.3/14.3	1,659.00	1,962.00	303.00	70.50	4.3	23,000	21,000	80	80	5-8-BT-M-E-3-JD-TO
13	8	222.0	SMITH	FHI45OD1PS	PX5296	617X	481	14.3/14.3/14.3	1,962.00	2,050.00	88.00	33.00	2.7	23,000	21,000	80	80	2-4-CT-A-E-0-FC-CP
14	COR...	222.0	QUEST	DC813L	1012	---	776	11.1/11.1/11.1/11.1/11.1/11.1/11.1/11.1	2,050.00	2,052.00	2.00	4.00	0.5	10,000	10,000	50	50	0-2-CT-N-X--FC-PR
15	9	222.0	HUGHES	VGD-44GD	5188517	617X	250	10.3/10.3/10.3	2,051.00	2,070.00	19.00	8.25	2.3	23,000	20,000	80	80	8-8-LC-C-F-5.5-JD-TO
16	10	222.0	SMITH	FHI55	PT1267	637X	380	12.7/12.7/12.7	2,070.00	2,201.00	134.00	36.50	3.7	26,000	21,000	112	82	4-2-WT-M-E--BT-DST
17	11	222.0	SMITH	MDSI613UBPX	JF3082	---	581	11.1/11.1/11.1/11.1/11.1/11.1	2,201.00	2,435.00	234.00	26.50	8.8	16,000	10,000	107	87	2-1-NO-C-X-0.5-CT-BHA
18	12	222.0	SMITH	MDSI613UBPX	JF5461	---	484	11.1/11.1/11.1/11.1/11.1	2,435.00	2,442.00	7.00	3.75	1.9	17,000	17,000	107	107	1-1-NO-C-X-0.5-BU-PR
19	13	222.0	SECURITY	EQH34D2R	11254360	547W	484	11.1/11.1/11.1/11.1/11.1	2,442.00	2,582.00	114.00	19.00	6.0	23,000	23,000	112	40	4-2-CT-M-E--BT-PR
20	14	222.0	SMITH	FHI450D1PS	PX650	617X	380	12.7/12.7/12.7										1-1-WT-G-E--CT-TO
21	14RR	222.0	SMITH	FHI450D1PS	PX650	617X	380	12.7/12.7/12.7	2,582.00	2,632.00	50.00	15.50	3.2	22,000	21,000	105	100	1-1-CT-G-E-0-WT-TQ
22	15	222.0	KINGDREAM	EG1HGLC	L28067	117	482	14.3/14.3/14.3	2,632.00	2,632.00				2,000	2,000	60	60	1-1-NO-A-E-0-NO-BHA
23	16	222.0	SMITH	FHI450D1PS	PX6509	617X	380	12.7/12.7/12.7	2,632.00	2,714.00	82.00	35.50	2.3	23,000	22,000	85	60	1-2-BT-A-E-0-WT-PR
24	17	222.0	SMITH	FHI40	PS9412	617X	380	12.7/12.7/12.7	2,714.00	2,921.00	207.00	61.00	3.4	22,000	21,000	85	85	1-2-BT-A-E-0-WT-BHA
25	18	222.0	SMITH	FHI450D1PS	PX6964	617X	380	12.7/12.7/12.7	2,921.00	3,132.00	211.00	82.50	2.6	26,000	21,000	100	80	3-2-BT-A-E--WT-HR
27	RR19	222.0	KINGDREAM	EG1HGLC	L28067	117	608	14.3/14.3/14.3/12.7										6-5-NO-A-E-1-WT-PR
28	20	222.0	SECURITY	EQH22D3R	11613244	517W	672	17.4/17.4/15.8										-----
30	21RR	222.0	SECURITY	EQH22D3R	11613244	517W	672	17.4/17.4/15.8										-----
31	22RR	222.0	SECURITY	EQH22D3R	11613244	517W	672	17.4/17.4/15.8						2,000	2,000	40	40	-----
32	23RR	222.0	SECURITY	EQH22D3R	11613244	517W	672	17.4/17.4/15.8	3,132.00	3,132.00								-----
33	24RR	222.0	KINGDREAM	EG1HGLC	ML27997	117	680	14.3/14.3/14.3/15.9										-----
34	25RR	222.0	KINGDREAM	EG1HGLC	ML27997	117	680	14.3/14.3/14.3/15.9										-----
35	26	222.0	KINGDREAM	EG1HGLC	ML27995	117	680	14.3/14.3/14.3/15.9										-----
37	27	222.0	SMITH	FHI40 ODVPS	PS9226	617X	380	12.7/12.7/12.7	2,113.00	2,129.00	16.00	27.50	0.6	18,000	500	1	1	0-0-NO-A-E-0-NO-BHA
38	27RR	222.0	SMITH	FHI40 ODVPS	PS9226	617X	380	12.7/12.7/12.7	2,129.00	2,154.00	25.00	16.25	1.5	26,000	22,000	20	1	0-0-ER-A-E-0-NO-BHA
38	28	222.0	SMITH	MASI613 MBPX	JF5921	---	667	11.9/11.9/11.9/11.9/11.9/11.9										0-0-NO-A-X-0-NO-BHA
39	29RR	222.0	SMITH	MASI613 MBPX	JF5921	---	667	11.9/11.9/11.9/11.9/11.9/11.9	2,154.00	2,159.00	5.00	4.25	1.2	16,000	16,000	20	20	1-1-BU-A-X-0-NO-PR
40	30	222.0	SMITH	FHI280D1VPS	PT5754	527X	334	11.9/11.9/11.9	2,159.00	2,241.00	82.00	25.00	3.3	20,000	18,000	95	95	7-7-WT-A-1-1-BT-PR



Bit Summary

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

Job Type: Drilling - original

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	License # 1130	Well Configuration Type Deviated	Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05
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Bits																		
BHA #	Bit Run	Size (mm)	Make	Model	SN	IADC Codes	TFA (incl Noz) (mm ²)	Nozzles (mm)	Depth In (mKB)	Depth Out (mKB)	Drilled (m)	Drill Time (hr)	BHA ROP (m/hr)	WOB Max (daN)	WOB Min (daN)	Max RPM (rpm)	Min RPM (rpm)	Bit Dull
41	31	222.0	SMITH	FHi38YOD1PS	PS5120	547Y	374	12.6/12.6/12.6	2,241.00	2,419.00	178.00	57.75	3.1	26,000	17,000	95	95	2-3-JC-A-E-0-BT-HR
42	32	222.0	SECURITY	EQH34D2R	11253855	547X	374	12.6/12.6/12.6	2,419.00	2,574.00	155.00	39.95	3.9	27,000	26,500	76	75	2-7-CT-G-E-1-BT-TD
42	33RR	222.0	KINGDREAM	EG1HGLC	ML27995	117	641	14.3/14.3/14.3/14.3	2,574.00	2,574.00				5,000	5,000	80	80	4-6-NO-A-E-1-WT-BHA
44	34	222.2	KINGDREAM	EG1HGLC	L28083	117X	582	11.1/11.1/11.1/11.1/11.1/11.1										-----
44	35	156.0	SMITH	MSI613UBPX	JF2031	---	582	11.1/11.1/11.1/11.1/11.1/11.1										-----
45	36	152.0	SMITH	XR500DPS	PS2788	627X												-----



BHA Summary

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

Job Type: Drilling - original

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	License # 1130	Well Configuration Type Deviated	Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05
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Bit Run	BHA #	String Name	BHA	Drill Bit	Bit Dull	Depth In (mKB)	Depth Out (mKB)	Drilled (m)	Drill Time (hr)	BHA ROP (m/hr)
1A	1	Drilling Assembly	SECURITY KLS11TGB, BIT SUB, SHOCK SUB, NM DRILL COLLAR, NM LANDING SUB, DC (8.00 IN)	444.5mm, KLS11TGB, 0020210	1-1-NO-A-E-0-WT-BHA	20.00	63.00	43.00	12.25	3.5
2A	2	Drilling Assembly	SMITH 15JSC, BIT SUB, SHOCK SUB, NM DRILL COLLAR, NM LANDING SUB, DC (8.00 IN), X/O, DC (7.00 IN), JARS-HYD/MECH, DC-PONY, DC (7.00 IN), X/O, HWDP(5.0 IN)	444.5mm, 15JSC, NCO471	2-2-SS-A-E-1-FC-TD	74.00	377.00	303.00	52.00	5.8
1	3	Drilling Assembly	VAREL HE14JMRSV, MOTOR LS, NM DRILL COLLAR, LANDING SUB, NM DRILL COLLAR, DC (8.00 IN), X/O, DC (7.00 IN), JARS-HYD/MECH, DC-PONY, DC (7.00 IN), X/O, HWDP(5.0 IN), Drill pipe - Stands, Drill pipe - Singles	311.0mm, HE14JMRSV, 1306664	2-2-NO-H-F-4-WT-TO	377.00	881.00	504.00	56.00	9.0
2	4	Drilling Assembly	SMITH GF123BODVCPS, BIT SUB, DC (8.00 IN), X/O, DC (7.00 IN), JARS-HYD/MECH, DC-PONY, DC (7.00 IN), X/O, HWDP(5.0 IN), Drill pipe - Stands, Drill pipe - Singles	311.0mm, GF123BODVCPS, PS6378	2-3-BT-S-E-1-FC-TD	881.00	1,197.00	246.00	48.50	5.1
2R R	5	Reaming Assembly	SMITH GF123BODVCPS, BIT SUB, DC (8.00 IN), REAMR-6 PT ROLLER, DC (8.00 IN), BIT SUB, REAMR-3 PT ROLLER, X/O, X/O, DC (7.00 IN), DC (7.00 IN), JARS-HYD/MECH, JARS-HYD/MECH, DC-PONY, DC-PONY, DC (7.00 IN), DC (7.00 IN), X/O, X/O, HWDP(5.0 IN), HWDP(5.0 IN), Drill pipe - Stands, Drill pipe - Singles	311.0mm, GF123BODVCPS, PS6378	-----	1,197.00	1,197.00			
2R R	6	Slick	SMITH GF123B0DVCPS, BIT SUB, DC (8.00 IN), DC (8.00 IN), X/O, DC (7.00 IN), JARS-HYD/MECH, DC-PONY, DC (7.00 IN), X/O, HWDP(5.0 IN), Drill pipe - Stands, Drill pipe - Singles	311.2mm, GF123B0DVCPS, PS6378	-----	1,197.00	1,197.00			
3	7	Drilling Assembly	SMITH FHI21B OD1VPS, BIT SUB, DC (7.00 IN), X/O, HWDP(5.0 IN), Drill pipe - Stands, Drill pipe - Singles	222.2mm, FHI21B OD1VPS, PX4870	1-1-NO-A-E-0-WT-LOG	30.00	1,180.27	1,150.27		
3 RR	8	Drilling Assembly	SMITH FHI21B OD1VPS, MOTOR LS, NM MONEL, LANDING SUB, MONEL, X/O, REAMR-SLANT ROLLER, DC (7.00 IN), REAMR-SLANT ROLLER, DC (7.00 IN), JARS-HYD/MECH, DC-PONY, X/O, HWDP(5.0 IN), Drill pipe - Stands	222.2mm, FHI21B OD1VPS, PX4870	8-4-WT-A-E--BT-BHA	1,197.00	1,405.00	208.00	30.67	6.8
4	9	Drilling Assembly	SMITH FHI35 OD1VPS, MOTOR LS, NM MONEL, LANDING SUB, MONEL, X/O, REAMR-SLANT ROLLER, DC (7.00 IN), REAMR-SLANT ROLLER, DC (7.00 IN), JARS-HYD/MECH, DC-PONY, X/O, HWDP(5.0 IN), Drill pipe - Stands, Drill pipe - Singles	222.2mm, FHI35 OD1VPS, PS6169	8-5-BT-A-E-0-JD-PR	1,405.00	1,447.00	42.00	13.00	3.2
5	10	Drilling Assembly	HUGHES GX-45CDX2, MOTOR LS, NM MONEL, LANDING SUB, MONEL, X/O, REAMR-SLANT ROLLER, DC (7.00 IN), REAMR-SLANT ROLLER, DC (7.00 IN), JARS-HYD/MECH, DC-PONY, X/O, HWDP(5.0 IN), Drill Pipe	222.2mm, GX-45CDX2, 5210371	2-3-CT-A-E-1-WT-TO	1,447.00	1,606.00	159.00	43.75	3.6
6	11	Drilling Assembly	SECURITY EQH-34D2R, MOTOR LS, NM MONEL, LANDING SUB, MONEL, X/O, REAMR-SLANT ROLLER, DC (7.00 IN), REAMR-SLANT ROLLER, DC (7.00 IN), DC (7.00 IN), X/O, HWDP(5.0 IN), JARS-HYD, SHORT HWDP, HWDP(5.0 IN), Drill Pipe	222.2mm, EQH-34D2R, 11548155	6-6-LT-M-E-0-BT-PR	1,606.00	1,658.00	52.00	9.25	5.6



BHA Summary

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

Job Type: Drilling - original

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	License # 1130	Well Configuration Type Deviated	Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05
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Bit Run	BHA #	String Name	BHA	Drill Bit	Bit Dull	Depth In (mKB)	Depth Out (mKB)	Drilled (m)	Drill Time (hr)	BHA ROP (m/hr)
7	12	Drilling Assembly	SMITH FHI40 ODVPS, MOTOR LS, NM MONEL, LANDING SUB, MONEL, X/O, REAMR-SLANT ROLLER, DC (7.00 IN), REAMR-SLANT ROLLER, DC (7.00 IN), DC (7.00 IN), X/O, HWDP(5.0 IN), JARS-HYD, SHORT HWDP, HWDP(5.0 IN), Drill Pipe, Drill Pipe	222.2mm, FHI40 ODVPS, PS9225	5-8-BT-M-E-3-JD-TO	1,659.00	1,962.00	303.00	70.50	4.3
8	13	Drilling Assembly	SMITH FHI45OD1PS, MOTOR LS, NM MONEL, LANDING SUB, MONEL, X/O, REAMR-SLANT ROLLER, DC (7.00 IN), REAMR-SLANT ROLLER, DC (7.00 IN), DC (7.00 IN), X/O, HWDP(5.0 IN), JARS-HYD, SHORT HWDP, HWDP(5.0 IN), Drill pipe - Stands, Drill pipe - Singles	222.0mm, FHI45OD1PS, PX5296	2-4-CT-A-E-0-FC-CP	1,962.00	2,050.00	88.00	33.00	2.7
CO RE #1	14	Drilling Assembly	QUEST DC813L, CORE BBL, JARS-HYD, X/O, BIT SUB, HWDP (5.0 IN), Drill pipe - Stands, Drill pipe - Singles	222.0mm, DC813L, 1012	0-2-CT-N-X--FC-PR	2,050.00	2,052.00	2.00	4.00	0.5
9	15	Drilling Assembly	HUGHES VGD-44GDX, MOTOR LS, NM MONEL, LANDING SUB, MONEL, Drill pipe - Singles, REAMR-SLANT ROLLER, DC (7.00 IN), REAMR-SLANT ROLLER, DC (7.00 IN), DC (7.00 IN), X/O, HWDP(5.0 IN), JARS-HYD, SHORT HWDP, HWDP(5.0 IN), Drill pipe - Stands, Drill pipe - Singles	222.0mm, VGD-44GDX, 5188517	8-8-LC-C-F-5.5-JD-TO	2,051.00	2,070.00	19.00	8.25	2.3
10	16	Drilling Assembly	SMITH FHI55, MOTOR LS, NM MONEL, LANDING SUB, MONEL, X/O, REAMR-SLANT ROLLER, DC (7.00 IN), REAMR-SLANT ROLLER, DC (7.00 IN), DC (7.00 IN), X/O, HWDP(5.0 IN), JARS-HYD, SHORT HWDP, HWDP(5.0 IN), Drill pipe - Stands, Drill pipe - Singles	222.0mm, FHI55, PT1267	4-2-WT-M-E--BT-DST	2,070.00	2,201.00	134.00	36.50	3.7
11	17	Drilling Assembly	SMITH MDSI613UBPX, MOTOR LS, NM MONEL, LANDING SUB, MONEL, X/O, REAMR-SLANT ROLLER, DC (7.00 IN), REAMR-SLANT ROLLER, DC (7.00 IN), DC (7.00 IN), X/O, HWDP(5.0 IN), JARS-HYD, SHORT HWDP, HWDP(5.0 IN), Drill pipe - Stands, Drill pipe - Singles	222.0mm, MDSI613UBPX, JF3082	2-1-NO-C-X-0.5-CT-BHA	2,201.00	2,435.00	234.00	26.50	8.8
12	18	Drilling Assembly	SMITH MDSI613UBPX, MOTOR LS, NM MONEL, LANDING SUB, MONEL, REAMR-3 PT ROLLER, X/O, HWDP(5.0 IN), JARS-HYD, SHORT HWDP, HWDP(5.0 IN), Drill pipe - Stands, Drill pipe - Singles	222.0mm, MDSI613UBPX, JF5461	1-1-NO-C-X-0.5-BU-PR	2,435.00	2,442.00	7.00	3.75	1.9
13	19	Drilling Assembly	SECURITY EQH34D2R, MOTOR LS, NM MONEL, LANDING SUB, MONEL, X/O, DC (7.00 IN), DC (7.00 IN), DC (7.00 IN), X/O, HWDP(5.0 IN), JARS-HYD, SHORT HWDP, HWDP(5.0 IN), Drill pipe - Stands	222.0mm, EQH34D2R, 11254360	4-2-CT-M-E--BT-PR	2,442.00	2,582.00	114.00	19.00	6.0
14	20	Drilling Assembly	SMITH FHI450D1PS, MOTOR LS, NM MONEL, LANDING SUB, MONEL, X/O, DC (7.00 IN), DC (7.00 IN), DC (7.00 IN), X/O, HWDP(5.0 IN), JARS-HYD, SHORT HWDP, HWDP(5.0 IN), Drill pipe - Stands, Drill pipe - Singles	222.0mm, FHI450D1PS, PX650	1-1-WT-G-E--CT-TO					
14 RR	21	Drilling Assembly	SMITH FHI450D1PS, MOTOR LS, NM MONEL, LANDING SUB, MONEL, X/O, DC (7.00 IN), DC (7.00 IN), DC (7.00 IN), X/O, HWDP(5.0 IN), JARS-HYD, SHORT HWDP, HWDP(5.0 IN), Drill pipe - Stands, Drill pipe - Singles	222.0mm, FHI450D1PS, PX650	1-1-CT-G-E-0-WT-TQ	2,582.00	2,632.00	50.00	15.50	3.2



BHA Summary

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

Job Type: Drilling - original

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	License # 1130	Well Configuration Type Deviated	Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05
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Bit Run	BHA #	String Name	BHA	Drill Bit	Bit Dull	Depth In (mKB)	Depth Out (mKB)	Drilled (m)	Drill Time (hr)	BHA ROP (m/hr)
15	22	Drilling Assembly	KINGDREAM EG1HGLC, NEAR BIT REAMER, X/O, X/O, DC (7.00 IN), REAMR-SLANT ROLLER, DC (7.00 IN), REAMR-SLANT ROLLER, DC (7.00 IN), X/O, HWDP(5.0 IN), JARS-HYD, SHORT HWDP, HWDP(5.0 IN), Drill pipe - Stands, Drill pipe - Singles	222.0mm, EG1HGLC, L28067	1-1-NO-A-E-0-NO-BHA	2,632.00	2,632.00			
16	23	Drilling Assembly	SMITH FHI450D1PS, NEAR BIT REAMER, X/O, NM MONEL, LANDING SUB, NM MONEL, REAMR-SLANT ROLLER, X/O, DC (7.00 IN), REAMR-SLANT ROLLER, DC (7.00 IN), DC (7.00 IN), X/O, HWDP(5.0 IN), JARS-HYD, SHORT HWDP, HWDP(5.0 IN), Drill pipe - Stands, Drill pipe - Singles	222.0mm, FHI450D1PS, PX6509	1-2-BT-A-E-0-WT-PR	2,632.00	2,714.00	82.00	35.50	2.3
17	24	Drilling Assembly	SMITH FHI40, MOTOR LS, NM MONEL, LANDING SUB, NM MONEL, REAMR-SLANT ROLLER, X/O, DC (7.00 IN), REAMR-SLANT ROLLER, DC (7.00 IN), DC (7.00 IN), X/O, HWDP(5.0 IN), JARS-HYD, SHORT HWDP, HWDP(5.0 IN), Drill pipe - Stands, Drill pipe - Singles	222.0mm, FHI40, PS9412	1-2-BT-A-E-0-WT-BHA	2,714.00	2,921.00	207.00	61.00	3.4
18	25	Drilling Assembly	SMITH FHI450D1PS, MOTOR LS, NM MONEL, LANDING SUB, NM MONEL, X/O, REAMR-SLANT ROLLER, DC (7.00 IN), REAMR-SLANT ROLLER, DC (7.00 IN), DC (7.00 IN), X/O, HWDP(5.0 IN), JARS-HYD, SHORT HWDP, HWDP(5.0 IN), Drill Pipe - Stands, Drill pipe - Singles	222.0mm, FHI450D1PS, PX6964	3-2-BT-A-E--WT-HR	2,921.00	3,132.00	211.00	82.50	2.6
RR 19	27	Reaming	KINGDREAM EG1HGLC, MOTOR LS, NM MONEL, LANDING SUB, NM MONEL, X/O, DC (7.00 IN), DC (7.00 IN), X/O, HWDP (5.0 IN), JARS-HYD, SHORT HWDP, HWDP(5.0 IN), Drill pipe - Stands, Drill pipe - Singles	222.0mm, EG1HGLC, L28067	6-5-NO-A-E-1-WT-PR					
20	28	Reaming	SECURITY EQH22D3R, MOTOR LS, NM MONEL, LANDING SUB, BIT SUB, NM MONEL, DC (7.00 IN), X/O, DC (7.00 IN), DC (7.00 IN), X/O, DC (7.00 IN), HWDP(5.0 IN), X/O, JARS-HYD, HWDP(5.0 IN), SHORT HWDP, JARS-HYD, HWDP(5.0 IN), SHORT HWDP, HWDP(5.0 IN), Drill pipe - Stands, Drill pipe - Singles, Drill pipe - Singles	222.0mm, EQH22D3R, 11613244	-----					
21 RR	30	Drilling Assembly	SECURITY EQH22D3R, BIT SUB, DC (7.00 IN), DC (7.00 IN), X/O, HWDP(5.0 IN), JARS-HYD, SHORT HWDP, HWDP(5.0 IN), Drill pipe - Stands, Drill pipe - Singles	222.0mm, EQH22D3R, 11613244	-----					
22 RR	31	Slick	SECURITY EQH22D3R, BIT SUB, DC (7.00 IN), DC (7.00 IN), X/O, HWDP(5.0 IN), JARS-HYD, SHORT HWDP, HWDP(5.0 IN), Drill pipe - Stands, Drill pipe - Singles	222.0mm, EQH22D3R, 11613244	-----					
23 RR	32	Drilling Assembly	SECURITY EQH22D3R, 2 7/8" CementSting, X/O, DP(5") 20StdsE, HWDP(5.0 IN), Drill pipe - Stands	222.0mm, EQH22D3R, 11613244	-----	3,132.00	3,132.00			
24 RR	33	Drilling Assembly	KINGDREAM EG1HGLC, BIT SUB, DC (7.00 IN), X/O, HWDP(5.0 IN), JARS-HYD, SHORT HWDP, HWDP(5.0 IN), Drill pipe - Stands	222.0mm, EG1HGLC, ML27997	-----					
25 RR	34	Drilling Assembly	KINGDREAM EG1HGLC, BIT SUB, DC (7.00 IN), X/O, HWDP(5.0 IN), JARS-HYD, SHORT HWDP, HWDP(5.0 IN), Drill pipe - Stands, Drill pipe - Singles	222.0mm, EG1HGLC, ML27997	-----					



BHA Summary

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

Job Type: Drilling - original

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	License # 1130	Well Configuration Type Deviated	Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05
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Bit Run	BHA #	String Name	BHA	Drill Bit	Bit Dull	Depth In (mKB)	Depth Out (mKB)	Drilled (m)	Drill Time (hr)	BHA ROP (m/hr)
26	35	Drilling Assembly	KINGDREAM EG1HGLC, BIT SUB, DC (7.00 IN), X/O, HWDP(5.0 IN), JARS-HYD, SHORT HWDP, HWDP(5.0 IN), Drill pipe - Stands, Drill pipe - Singles	222.0mm, EG1HGLC, ML27995	-----					
27	37	Drilling Assembly	SMITH FHI40 ODVPS, MOTOR LS, MONEL, LANDING SUB, MONEL, X/O, HWDP(5.0 IN), JARS-HYD, SHORT HWDP, HWDP (5.0 IN), Drill pipe - Stands, Drill pipe - Singles	222.0mm, FHI40 ODVPS, PS9226	0-0-NO-A-E-0-NO-BHA	2,113.00	2,129.00	16.00	27.50	0.6
27 RR	38	Drilling Assembly	SMITH FHI40 ODVPS, MOTOR LS, MONEL, LANDING SUB, MONEL, X/O, HWDP(5.0 IN), JARS-HYD, SHORT HWDP, HWDP (5.0 IN), Drill pipe - Stands, Drill pipe - Singles	222.0mm, FHI40 ODVPS, PS9226	0-0-ER-A-E-0-NO-BHA	2,129.00	2,154.00	25.00	16.25	1.5
28	38	Drilling Assembly	SMITH MASI613 MBPX, TRUTRAK, NM X/O SUB, MWD-NaviGamma, MONEL, FILTER SUB, FLOAT SUB, HWDP(5.0 IN), JARS-HYD, SHORT HWDP, HWDP(5.0 IN), Drill pipe - Stands, Drill pipe - Singles	222.0mm, MASI613 MBPX, JF5921	0-0-NO-A-X-0-NO-BHA					
29 RR	39	Drilling Assembly	SMITH MASI613 MBPX, TRUTRAK, TRUTRAK, NM X/O SUB, NM X/O SUB, MWD-NaviGamma, MWD-NaviGamma, MONEL, MONEL, FILTER SUB, FILTER SUB, FLOAT SUB, FLOAT SUB, HWDP(5.0 IN), HWDP(5.0 IN), JARS-HYD, JARS-HYD, SHORT HWDP, SHORT HWDP, HWDP(5.0 IN), HWDP(5.0 IN), Drill Pipe, Drill Pipe	222.0mm, MASI613 MBPX, JF5921	1-1-BU-A-X-0-NO-PR	2,154.00	2,159.00	5.00	4.25	1.2
30	40	Drilling Assembly	SMITH FHI280D1VPS, TRUTRAK, NM X/O SUB, MWD-NaviGamma, MONEL, FILTER SUB, FLOAT SUB, HWDP(5.0 IN), JARS-HYD, SHORT HWDP, HWDP(5.0 IN), Drill pipe - Stands	222.0mm, FHI280D1VPS, PT5754	7-7-WT-A-1-1-BT-PR	2,159.00	2,241.00	82.00	25.00	3.3
31	41	Drilling Assembly	SMITH FHI38YOD1PS, TRUTRAK, NM X/O SUB, MWD-NaviGamma, MONEL, FILTER SUB, FLOAT SUB, HWDP(5.0 IN), JARS-HYD, SHORT HWDP, HWDP(5.0 IN), Drill pipe - Stands, Drill pipe - Singles	222.0mm, FHI38YOD1PS, PS5120	2-3-JC-A-E-0-BT-HR	2,241.00	2,419.00	178.00	57.75	3.1
32	42	Drilling Assembly	SECURITY EQH34D2R, TRUTRAK, NM X/O SUB, MWD-NaviGamma, MONEL, FILTER SUB, FLOAT SUB, HWDP(5.0 IN), JARS-HYD, SHORT HWDP, HWDP(5.0 IN), Drill pipe - Stands	222.0mm, EQH34D2R, 11253855	2-7-CT-G-E-1-BT-TD	2,419.00	2,574.00	155.00	39.95	3.9
33 RR	42	Drilling Assembly	KINGDREAM EG1HGLC, MOTOR LS, HWDP(5.0 IN), JARS-HYD, SHORT HWDP, HWDP(5.0 IN), Drill pipe - Stands, Drill pipe - Singles	222.0mm, EG1HGLC, ML27995	4-6-NO-A-E-1-WT-BHA	2,574.00	2,574.00			
34	44	Drilling Assembly	KINGDREAM EG1HGLC, MOTOR LS, DC (4.75 IN), DC (4.75 IN), DC (4.75 IN), DC (4.75 IN), HWDP 4" 3.5IF, HWDP 4" 3.5IF, HWDP 4" 3.5IF, HWDP 4" 3.5IF, HWDP 4" 3.5IF, HWDP 4" 3.5IF, HWDP 4" 3.5IF, HWDP 4" 3.5IF, HWDP 4" 3.5IF, HWDP 4" 3.5IF, X/O, 4" HWDP CET39	222.2mm, EG1HGLC, L28083	-----					
35	44	Drilling Assembly	SMITH MSI613UBPX, MOTOR LS, DC (4.75 IN), DC (4.75 IN), DC (4.75 IN), DC (4.75 IN), HWDP 4" 3.5IF, HWDP 4" 3.5IF, HWDP 4" 3.5IF, HWDP 4" 3.5IF, HWDP 4" 3.5IF, HWDP 4" 3.5IF, HWDP 4" 3.5IF, HWDP 4" 3.5IF, HWDP 4" 3.5IF, HWDP 4" 3.5IF, X/O, 4" HWDP CET39, Drill pipe - Stands, Drill pipe - Singles	156.0mm, MSI613UBPX, JF2031	-----					



BHA Summary

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

Job Type: Drilling - original

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	License # 1130	Well Configuration Type Deviated	Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05
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Bit Run	BHA #	String Name	BHA	Drill Bit	Bit Dull	Depth In (mKB)	Depth Out (mKB)	Drilled (m)	Drill Time (hr)	BHA ROP (m/hr)
36	45	Drilling Assembly	SMITH XR500DPS, BIT SUB, HWDP 4" 3.5IF, HWDP 4" 3.5IF, HWDP 4" 3.5IF, HWDP 4" 3.5IF, HWDP 4" 3.5IF, HWDP 4" 3.5IF, X/O, 4" HWDP CET39, Drill pipe - Stands	152.0mm, XR500DPS, PS2788	-----					



Directional Survey

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Wellbore Name Original Hole	Parent Wellbore	Kick Off Depth (mKB) 404.00	Vertical Section Direction (°) 300.27
Date 03/07/2012	Definitive? No	Description Directional Survey from Tour Sheet Import	Proposed? No
MD Tie In (mKB)	TVD Tie In (mKB)	Inclination Tie In (°)	Azimuth Tie In (°)
			NSTie In (m)
			EW Tie In (m)

Survey Data

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	VS (m)	NS (m)	EW (m)	DLS (°/30m)	Build (°/30m)	Turn (°/30m)	Unwrap Displace (m)	Method	Survey Company
19/09/2012	8.20	0.00	184.50	8.20	0.00	0.00	0.00	0.00	0.00	675.00	0.00		
19/09/2012	378.00	0.00	0.00	378.00	0.00	0.00	0.00	0.00	0.00	-14.97	0.00		
19/09/2012	394.99	0.79	184.50	394.99	-0.05	-0.12	-0.01	1.39	1.39	325.78	0.12		
19/09/2012	404.49	1.19	215.87	404.49	-0.07	-0.26	-0.07	2.08	1.26	99.06	0.28		
19/09/2012	413.79	1.01	235.87	413.79	-0.02	-0.39	-0.20	1.36	-0.58	64.52	0.45		
19/09/2012	423.12	1.49	259.60	423.11	0.10	-0.45	-0.38	2.24	1.54	76.30	0.65		
19/09/2012	432.58	1.89	278.89	432.57	0.34	-0.45	-0.66	2.19	1.27	61.17	0.93		
19/09/2012	442.02	2.68	286.89	442.00	0.70	-0.36	-1.02	2.70	2.51	25.42	1.30		
19/09/2012	451.48	3.60	294.27	451.45	1.21	-0.18	-1.51	3.18	2.92	23.40	1.82		
19/09/2012	460.80	4.70	299.50	460.74	1.88	0.13	-2.11	3.74	3.54	16.83	2.49		
19/09/2012	470.15	5.71	305.56	470.06	2.73	0.59	-2.82	3.69	3.24	19.44	3.34		
19/09/2012	479.48	6.90	304.86	479.33	3.75	1.18	-3.65	3.83	3.83	-2.25	4.36		
19/09/2012	488.79	8.31	308.38	488.56	4.97	1.92	-4.64	4.78	4.54	11.34	5.60		
19/09/2012	498.10	9.32	310.09	497.76	6.38	2.82	-5.75	3.36	3.25	5.51	7.02		
19/09/2012	507.21	10.11	308.20	506.74	7.90	3.79	-6.94	2.81	2.60	-6.22	8.56		
19/09/2012	516.86	11.60	310.57	516.21	9.70	4.94	-8.34	4.83	4.63	7.37	10.38		
19/09/2012	526.33	12.61	309.78	525.47	11.65	6.23	-9.86	3.24	3.20	-2.50	12.36		
19/09/2012	535.47	14.19	309.96	534.36	13.74	7.58	-11.48	5.19	5.19	0.59	14.48		
19/09/2012	544.89	15.29	307.37	543.47	16.11	9.08	-13.36	4.08	3.50	-8.25	16.88		
19/09/2012	554.39	16.30	306.40	552.61	18.68	10.63	-15.42	3.30	3.19	-3.06	19.46		
19/09/2012	564.03	16.70	305.78	561.86	21.40	12.24	-17.64	1.36	1.24	-1.93	22.20		
19/09/2012	573.73	17.09	305.70	571.14	24.21	13.89	-19.93	1.21	1.21	-0.25	25.02		
19/09/2012	583.44	17.49	306.80	580.41	27.08	15.60	-22.25	1.60	1.24	3.40	27.90		
19/09/2012	593.26	17.71	304.29	589.77	30.04	17.32	-24.67	2.41	0.67	-7.67	30.87		
19/09/2012	602.81	17.89	302.18	598.86	32.95	18.92	-27.11	2.10	0.57	-6.63	33.79		
19/09/2012	612.44	18.02	301.70	608.02	35.92	20.49	-29.63	0.61	0.40	-1.50	36.76		
19/09/2012	621.87	18.41	302.58	616.98	38.86	22.06	-32.12	1.52	1.24	2.80	39.71		
19/09/2012	631.38	18.50	302.58	626.00	41.87	23.68	-34.66	0.28	0.28	0.00	42.72		
19/09/2012	640.47	18.28	302.58	634.63	44.74	25.23	-37.08	0.73	-0.73	0.00	45.59		
19/09/2012	649.20	18.30	300.30	642.92	47.48	26.65	-39.41	2.46	0.07	-7.84	48.33		
19/09/2012	658.00	18.70	299.90	651.26	50.27	28.05	-41.83	1.43	1.36	-1.36	51.12		
19/09/2012	667.86	18.98	298.97	660.59	53.45	29.62	-44.60	1.25	0.85	-2.83	54.30		
19/09/2012	677.15	18.41	298.67	669.39	56.43	31.05	-47.21	1.87	-1.84	-0.97	57.28		
19/09/2012	686.70	18.11	298.58	678.46	59.42	32.49	-49.84	0.95	-0.94	-0.28	60.27		
19/09/2012	696.07	17.80	300.29	687.38	62.31	33.91	-52.35	1.96	-0.99	5.47	63.16		
19/09/2012	705.71	17.40	297.87	696.57	65.22	35.32	-54.90	2.59	-1.24	-7.53	66.07		
19/09/2012	715.30	17.18	294.97	705.72	68.06	36.59	-57.45	2.78	-0.69	-9.07	68.92		
19/09/2012	724.73	17.31	298.58	714.73	70.85	37.85	-59.95	3.43	0.41	11.48	71.72		
19/09/2012	734.36	17.31	300.68	723.92	73.72	39.27	-62.44	1.95	0.00	6.54	74.58		
19/09/2012	743.46	17.01	301.26	732.62	76.40	40.65	-64.74	1.14	-0.99	1.91	77.27		
19/09/2012	753.32	16.39	299.37	742.06	79.24	42.08	-67.18	2.51	-1.89	-5.75	80.10		
19/09/2012	762.66	16.08	301.70	751.03	81.85	43.41	-69.43	2.32	-1.00	7.48	82.71		
19/09/2012	771.92	15.69	298.80	759.94	84.38	44.68	-71.62	2.86	-1.26	-9.40	85.24		
19/09/2012	783.44	15.69	299.59	771.03	87.50	46.20	-74.34	0.56	0.00	2.06	88.36		
19/09/2012	793.14	16.39	301.26	780.35	90.18	47.56	-76.65	2.59	2.16	5.16	91.04		
19/09/2012	802.83	16.61	298.09	789.64	92.93	48.92	-79.04	2.87	0.68	-9.81	93.79		
19/09/2012	811.83	16.30	297.96	798.27	95.47	50.12	-81.29	1.04	-1.03	-0.43	96.34		
19/09/2012	821.09	15.82	299.59	807.17	98.03	51.35	-83.54	2.13	-1.56	5.28	98.90		



Directional Survey

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Survey Data

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	VS (m)	NS (m)	EW (m)	DLS (°/30m)	Build (°/30m)	Turn (°/30m)	Unwrap Displace (m)	Method	Survey Company
19/09/2012	831.20	14.81	297.48	816.92	100.70	52.63	-85.88	3.42	-3.00	-6.26	101.57		
19/09/2012	839.80	14.81	297.57	825.24	102.90	53.65	-87.83	0.08	0.00	0.31	103.77		
19/09/2012	849.60	15.51	298.49	834.69	105.46	54.85	-90.09	2.27	2.14	2.82	106.33		
19/09/2012	857.80	15.91	297.48	842.59	107.68	55.89	-92.06	1.77	1.46	-3.70	108.55		
19/09/2012	868.90	16.08	294.27	853.26	110.73	57.23	-94.81	2.43	0.46	-8.68	111.61		
19/09/2012	875.16	15.91	294.44	859.28	112.44	57.94	-96.38	0.85	-0.81	0.81	113.34		
19/09/2012	885.97	15.82	292.50	869.67	115.38	59.11	-99.09	1.49	-0.25	-5.38	116.29		
19/09/2012	894.65	16.00	291.01	878.02	117.73	60.00	-101.30	1.54	0.62	-5.15	118.67		
19/09/2012	904.19	16.44	288.20	887.18	120.35	60.89	-103.81	2.83	1.38	-8.84	121.33		
19/09/2012	913.85	16.79	285.65	896.44	123.03	61.69	-106.45	2.51	1.09	-7.92	124.10		
19/09/2012	923.36	16.96	282.57	905.54	125.68	62.36	-109.13	2.87	0.54	-9.72	126.85		
19/09/2012	933.20	16.61	282.48	914.96	128.39	62.98	-111.90	1.07	-1.07	-0.27	129.70		
19/09/2012	942.93	16.61	282.31	924.28	131.04	63.58	-114.62	0.15	0.00	-0.52	132.48		
19/09/2012	952.70	16.52	281.78	933.65	133.68	64.16	-117.34	0.54	-0.28	-1.63	135.26		
19/09/2012	961.10	16.00	281.78	941.71	135.91	64.64	-119.64	1.86	-1.86	0.00	137.62		
19/09/2012	970.30	15.47	282.04	950.57	138.28	65.15	-122.08	1.74	-1.73	0.85	140.11		
19/09/2012	980.00	15.47	282.04	959.92	140.74	65.69	-124.62	0.00	0.00	0.00	142.70		
19/09/2012	989.40	15.91	282.66	968.97	143.16	66.24	-127.10	1.50	1.40	1.98	145.24		
19/09/2012	999.00	16.44	282.40	978.19	145.71	66.82	-129.71	1.67	1.66	-0.81	147.91		
19/09/2012	1,008.85	16.88	281.96	987.62	148.39	67.41	-132.47	1.39	1.34	-1.34	150.74		
19/09/2012	1,018.11	17.31	282.84	996.47	150.98	68.00	-135.13	1.63	1.39	2.85	153.46		
19/09/2012	1,027.49	17.31	283.36	1,005.43	153.65	68.63	-137.85	0.49	0.00	1.66	156.25		
19/09/2012	1,037.08	17.31	281.69	1,014.59	156.36	69.25	-140.63	1.55	0.00	-5.22	159.10		
19/09/2012	1,046.07	17.49	282.31	1,023.16	158.92	69.81	-143.26	0.86	0.60	2.07	161.79		
19/09/2012	1,056.06	17.40	281.78	1,032.69	161.76	70.43	-146.19	0.55	-0.27	-1.59	164.79		
19/09/2012	1,066.08	17.23	282.13	1,042.26	164.59	71.05	-149.11	0.60	-0.51	1.05	167.77		
19/09/2012	1,075.20	16.96	281.78	1,050.98	167.14	71.61	-151.73	0.95	-0.89	-1.15	170.45		
19/09/2012	1,084.70	16.88	283.10	1,060.07	169.77	72.20	-154.43	1.24	-0.25	4.17	173.21		
19/09/2012	1,094.30	16.52	287.49	1,069.26	172.43	72.93	-157.09	4.10	-1.13	13.72	175.97		
19/09/2012	1,104.00	15.91	291.10	1,078.58	175.09	73.82	-159.64	3.64	-1.89	11.16	178.68		
19/09/2012	1,114.00	15.56	294.26	1,088.20	177.78	74.87	-162.15	2.78	-1.05	9.48	181.39		
19/09/2012	1,123.81	15.47	296.93	1,097.65	180.39	76.00	-164.51	2.20	-0.28	8.17	184.01		
19/09/2012	1,133.18	15.29	299.10	1,106.69	182.87	77.17	-166.71	1.93	-0.58	6.95	186.50		
19/09/2012	1,142.72	15.21	299.27	1,115.89	185.38	78.39	-168.90	0.29	-0.25	0.53	189.01		
19/09/2012	1,152.56	15.38	298.04	1,125.38	187.98	79.63	-171.17	1.12	0.52	-3.75	191.60		
19/09/2012	1,162.04	15.29	297.60	1,134.53	190.48	80.80	-173.39	0.47	-0.28	-1.39	194.11		
19/09/2012	1,171.23	14.77	296.28	1,143.40	192.86	81.88	-175.52	2.03	-1.70	-4.31	196.49		
19/09/2012	1,181.00	14.50	296.37	1,152.86	195.32	82.98	-177.73	0.83	-0.83	0.28	198.96		
19/09/2012	1,184.50	14.24	295.23	1,156.25	196.19	83.36	-178.51	3.29	-2.23	-9.77	199.83		
19/09/2012	1,205.29	13.71	298.84	1,176.42	201.20	85.63	-182.98	1.47	-0.76	5.21	204.85		
19/09/2012	1,214.63	13.71	299.19	1,185.49	203.41	86.71	-184.92	0.27	0.00	1.12	207.06		
19/09/2012	1,224.80	13.54	298.67	1,195.38	205.81	87.87	-187.01	0.62	-0.50	-1.53	209.46		
19/09/2012	1,233.33	13.36	301.13	1,203.67	207.79	88.86	-188.73	2.11	-0.63	8.65	211.44		
19/09/2012	1,242.95	13.62	302.36	1,213.03	210.04	90.04	-190.64	1.21	0.81	3.84	213.68		
19/09/2012	1,252.71	13.62	303.50	1,222.51	212.33	91.29	-192.57	0.83	0.00	3.50	215.98		
19/09/2012	1,261.91	13.54	304.59	1,231.46	214.49	92.50	-194.36	0.87	-0.26	3.55	218.14		
19/09/2012	1,271.60	13.71	304.47	1,240.87	216.76	93.79	-196.24	0.53	0.53	-0.37	220.43		
19/09/2012	1,282.13	13.62	305.26	1,251.11	219.24	95.21	-198.28	0.59	-0.26	2.25	222.91		
19/09/2012	1,291.21	13.62	305.17	1,259.93	221.37	96.44	-200.03	0.07	0.00	-0.30	225.05		
19/09/2012	1,300.76	13.62	306.05	1,269.21	223.61	97.75	-201.86	0.65	0.00	2.76	227.30		
19/09/2012	1,310.65	13.71	307.19	1,278.82	225.93	99.15	-203.73	0.86	0.27	3.46	229.64		
19/09/2012	1,320.43	13.80	307.81	1,288.32	228.24	100.56	-205.58	0.53	0.28	1.90	231.96		
19/09/2012	1,329.74	13.89	308.25	1,297.36	230.45	101.94	-207.33	0.45	0.29	1.42	234.19		



Directional Survey

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Survey Data

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	VS (m)	NS (m)	EW (m)	DLS (°/30m)	Build (°/30m)	Turn (°/30m)	Unwrap Displace (m)	Method	Survey Company
19/09/2012	1,339.16	13.80	308.51	1,306.51	232.68	103.34	-209.10	0.35	-0.29	0.83	236.44		
19/09/2012	1,348.36	13.54	309.30	1,315.45	234.83	104.70	-210.79	1.04	-0.85	2.58	238.62		
19/09/2012	1,358.01	13.71	309.65	1,324.83	237.07	106.15	-212.55	0.59	0.53	1.09	240.89		
19/09/2012	1,367.58	13.97	310.00	1,334.12	239.33	107.61	-214.30	0.86	0.82	1.10	243.18		
19/09/2012	1,376.61	14.24	309.83	1,342.88	241.50	109.02	-215.99	0.91	0.90	-0.56	245.38		
19/09/2012	1,387.01	14.50	310.27	1,352.95	244.04	110.68	-217.97	0.81	0.75	1.27	247.96		
19/09/2012	1,395.91	15.21	310.17	1,361.55	246.29	112.16	-219.71	2.39	2.39	-0.34	250.24		
19/09/2012	1,405.69	15.29	310.43	1,370.99	248.82	113.82	-221.67	0.32	0.25	0.80	252.82		
19/09/2012	1,415.43	15.29	314.56	1,380.38	251.33	115.56	-223.57	3.35	0.00	12.72	255.38		
19/09/2012	1,425.36	14.77	317.64	1,389.97	253.81	117.41	-225.35	2.88	-1.57	9.31	257.96		
19/09/2012	1,434.84	13.97	318.96	1,399.16	256.05	119.17	-226.92	2.74	-2.53	4.18	260.31		
19/09/2012	1,444.97	13.18	320.80	1,409.00	258.29	120.98	-228.45	2.67	-2.34	5.45	262.69		
19/09/2012	1,454.89	12.48	319.66	1,418.68	260.36	122.68	-229.86	2.25	-2.12	-3.45	264.89		
19/09/2012	1,464.34	11.69	320.45	1,427.92	262.22	124.19	-231.13	2.56	-2.51	2.51	266.87		
19/09/2012	1,472.94	11.07	321.33	1,436.35	263.81	125.51	-232.20	2.25	-2.16	3.07	268.57		
19/09/2012	1,482.54	10.63	321.68	1,445.78	265.49	126.92	-233.32	1.39	-1.38	1.09	270.37		
19/09/2012	1,491.51	10.02	321.86	1,454.60	266.99	128.19	-234.32	2.04	-2.04	0.60	271.98		
19/09/2012	1,500.99	9.49	322.91	1,463.94	268.48	129.46	-235.30	1.77	-1.68	3.32	273.59		
19/09/2012	1,510.28	9.14	319.05	1,473.11	269.88	130.63	-236.25	2.31	-1.13	-12.47	275.09		
19/09/2012	1,520.12	8.53	320.36	1,482.84	271.31	131.78	-237.22	1.96	-1.86	3.99	276.60		
19/09/2012	1,530.14	7.82	316.67	1,492.75	272.66	132.85	-238.16	2.64	-2.13	-11.05	278.02		
19/09/2012	1,539.24	7.47	316.59	1,501.77	273.82	133.73	-239.00	1.15	-1.15	-0.26	279.24		
19/09/2012	1,549.94	7.12	318.17	1,512.39	275.12	134.73	-239.92	1.13	-0.98	4.43	280.59		
19/09/2012	1,558.64	6.77	321.60	1,521.02	276.11	135.53	-240.59	1.87	-1.21	11.83	281.65		
19/09/2012	1,568.34	6.42	323.00	1,530.66	277.14	136.41	-241.28	1.19	-1.08	4.33	282.76		
19/09/2012	1,578.48	5.98	320.98	1,540.74	278.16	137.27	-241.95	1.45	-1.30	-5.98	283.85		
19/09/2012	1,588.16	5.54	318.96	1,550.37	279.07	138.02	-242.57	1.50	-1.36	-6.26	284.83		
19/09/2012	1,597.66	5.54	321.77	1,559.83	279.93	138.72	-243.16	0.86	0.00	8.87	285.74		
19/09/2012	1,607.42	5.27	319.66	1,569.54	280.80	139.44	-243.74	1.03	-0.83	-6.49	286.66		
19/09/2012	1,616.94	5.36	321.07	1,579.02	281.62	140.12	-244.30	0.50	0.28	4.44	287.54		
19/09/2012	1,626.44	5.27	322.91	1,588.48	282.44	140.81	-244.84	0.61	-0.28	5.81	288.42		
19/09/2012	1,635.74	4.92	323.35	1,597.74	283.20	141.47	-245.34	1.14	-1.13	1.42	289.25		
19/09/2012	1,645.64	4.92	325.20	1,607.61	283.98	142.16	-245.84	0.48	0.00	5.61	290.10		
19/09/2012	1,655.37	4.48	327.84	1,617.30	284.69	142.82	-246.28	1.51	-1.36	8.14	290.90		
19/09/2012	1,674.14	4.13	334.25	1,636.02	285.90	144.05	-246.96	0.95	-0.56	10.25	292.30		
19/09/2012	1,683.24	3.69	341.90	1,645.10	286.39	144.63	-247.19	2.25	-1.45	25.22	292.92		
19/09/2012	1,694.34	3.34	355.43	1,656.18	286.85	145.29	-247.33	2.43	-0.95	36.57	293.60		
19/09/2012	1,702.74	3.16	3.87	1,664.57	287.09	145.76	-247.33	1.82	-0.64	-1255.57	294.07		
19/09/2012	1,712.17	2.99	6.17	1,673.98	287.30	146.27	-247.29	0.67	-0.54	7.32	294.58		
19/09/2012	1,721.65	2.99	9.41	1,683.45	287.49	146.76	-247.22	0.53	0.00	10.25	295.07		
19/09/2012	1,731.03	3.08	23.29	1,692.82	287.61	147.23	-247.08	2.36	0.29	44.39	295.56		
19/09/2012	1,740.54	3.34	38.04	1,702.31	287.60	147.68	-246.81	2.72	0.82	46.53	296.09		
19/09/2012	1,750.16	3.78	48.69	1,711.91	287.47	148.11	-246.40	2.47	1.37	33.21	296.69		
19/09/2012	1,760.23	4.48	56.78	1,721.96	287.19	148.55	-245.82	2.71	2.09	24.10	297.41		
19/09/2012	1,769.64	4.83	59.59	1,731.34	286.83	148.95	-245.17	1.33	1.12	8.96	298.17		
19/09/2012	1,779.08	4.92	56.34	1,740.74	286.46	149.37	-244.49	0.92	0.29	-10.33	298.98		
19/09/2012	1,787.87	5.10	54.85	1,749.50	286.13	149.81	-243.86	0.76	0.61	-5.09	299.74		
19/09/2012	1,797.48	5.19	55.64	1,759.07	285.76	150.30	-243.15	0.36	0.28	2.47	300.61		
19/09/2012	1,806.98	5.36	56.69	1,768.53	285.38	150.79	-242.43	0.62	0.54	3.32	301.48		
19/09/2012	1,817.07	5.27	57.66	1,778.58	284.96	151.29	-241.64	0.38	-0.27	2.88	302.41		
19/09/2012	1,826.76	4.66	56.08	1,788.23	284.58	151.75	-240.94	1.94	-1.89	-4.89	303.25		
19/09/2012	1,836.11	4.57	58.89	1,797.55	284.24	152.15	-240.31	0.78	-0.29	9.02	304.00		
19/09/2012	1,846.28	4.83	59.07	1,807.69	283.84	152.58	-239.59	0.77	0.77	0.53	304.84		



Directional Survey

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Survey Data

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	VS (m)	NS (m)	EW (m)	DLS (°/30m)	Build (°/30m)	Turn (°/30m)	Unwrap Displace (m)	Method	Survey Company
19/09/2012	1,855.74	4.83	57.13	1,817.11	283.47	153.00	-238.91	0.52	0.00	-6.15	305.63		
19/09/2012	1,865.34	4.92	56.25	1,826.68	283.10	153.45	-238.23	0.37	0.28	-2.75	306.45		
19/09/2012	1,875.14	4.83	54.23	1,836.44	282.75	153.93	-237.55	0.59	-0.28	-6.18	307.28		
19/09/2012	1,884.74	4.92	55.64	1,846.01	282.41	154.40	-236.88	0.47	0.28	4.41	308.10		
19/09/2012	1,894.24	5.01	54.06	1,855.47	282.07	154.87	-236.21	0.52	0.28	-4.99	308.92		
19/09/2012	1,903.09	5.19	55.46	1,864.29	281.74	155.32	-235.57	0.74	0.61	4.75	309.71		
19/09/2012	1,912.35	5.36	58.89	1,873.51	281.36	155.78	-234.85	1.16	0.55	11.11	310.56		
19/09/2012	1,920.47	5.36	59.68	1,881.59	280.99	156.17	-234.20	0.27	0.00	2.92	311.32		
19/09/2012	1,931.18	5.36	61.18	1,892.25	280.49	156.66	-233.33	0.39	0.00	4.20	312.32		
19/09/2012	1,940.20	5.36	60.74	1,901.23	280.06	157.07	-232.59	0.14	0.00	-1.46	313.16		
19/09/2012	1,950.15	5.27	60.21	1,911.14	279.59	157.53	-231.79	0.31	-0.27	-1.60	314.08		
19/09/2012	1,960.34	5.80	59.77	1,921.28	279.11	158.02	-230.94	1.57	1.56	-1.30	315.06		
19/09/2012	1,970.23	6.24	56.69	1,931.12	278.62	158.57	-230.06	1.66	1.33	-9.34	316.10		
19/09/2012	1,980.03	5.98	54.41	1,940.86	278.18	159.16	-229.20	1.09	-0.80	-6.98	317.14		
19/09/2012	1,989.36	5.63	53.44	1,950.15	277.80	159.71	-228.44	1.17	-1.13	-3.12	318.09		
19/09/2012	1,999.23	5.01	50.54	1,959.97	277.46	160.27	-227.71	2.05	-1.88	-8.81	319.00		
19/09/2012	2,008.65	4.57	46.61	1,969.36	277.21	160.79	-227.12	1.75	-1.40	-12.52	319.79		
19/09/2012	2,017.83	4.13	46.67	1,978.51	277.01	161.27	-226.62	1.44	-1.44	0.20	320.48		
19/09/2012	2,028.21	4.04	45.88	1,988.87	276.81	161.78	-226.08	0.31	-0.26	-2.28	321.22		
19/09/2012	2,037.77	3.69	48.34	1,998.41	276.62	162.22	-225.61	1.22	-1.10	7.72	321.87		
19/09/2012	2,047.24	3.43	52.21	2,007.86	276.42	162.60	-225.16	1.12	-0.82	12.26	322.46		
19/09/2012	2,056.65	3.16	54.58	2,017.25	276.21	162.92	-224.73	0.96	-0.86	7.56	323.00		
19/09/2012	2,067.84	2.99	54.23	2,028.43	275.97	163.27	-224.24	0.46	-0.46	-0.94	323.60		
19/09/2012	2,077.14	2.99	53.35	2,037.71	275.77	163.56	-223.85	0.15	0.00	-2.84	324.08		
19/09/2012	2,086.60	3.16	54.14	2,047.16	275.57	163.86	-223.44	0.56	0.54	2.51	324.59		
19/09/2012	2,096.25	2.99	54.93	2,056.80	275.36	164.16	-223.02	0.54	-0.53	2.46	325.11		
19/09/2012	2,106.39	2.72	59.33	2,066.92	275.13	164.43	-222.59	1.03	-0.80	13.02	325.61		
19/09/2012	2,114.71	2.20	64.87	2,075.24	274.94	164.60	-222.28	2.06	-1.87	19.98	325.97		
19/09/2012	2,125.62	2.29	69.00	2,086.14	274.69	164.77	-221.88	0.51	0.25	11.36	326.40		
19/09/2012	2,135.17	1.58	80.86	2,095.68	274.47	164.86	-221.58	2.55	-2.23	37.26	326.72		
19/09/2012	2,144.74	0.97	135.53	2,105.25	274.29	164.82	-221.39	4.04	-1.91	171.38	326.91		
19/09/2012	2,154.43	1.79	191.17	2,114.94	274.16	164.61	-221.36	4.58	2.54	172.26	327.12		
19/09/2012	2,164.07	2.90	199.78	2,124.57	274.06	164.23	-221.47	3.61	3.45	26.79	327.51		
19/09/2012	2,173.01	3.69	206.19	2,133.49	274.00	163.76	-221.68	2.92	2.65	21.51	328.02		
19/09/2012	2,183.65	4.39	203.91	2,144.11	273.93	163.08	-221.99	2.02	1.97	-6.43	328.77		
19/09/2012	2,192.63	4.66	204.09	2,153.06	273.86	162.44	-222.28	0.90	0.90	0.60	329.48		
19/09/2012	2,201.74	4.57	207.69	2,162.14	273.80	161.78	-222.60	1.00	-0.30	11.86	330.21		
19/09/2012	2,212.00	4.66	214.63	2,172.37	273.81	161.07	-223.03	1.65	0.26	20.29	331.04		
19/09/2012	2,220.41	4.83	214.90	2,180.75	273.87	160.50	-223.42	0.61	0.61	0.96	331.73		
19/09/2012	2,230.97	4.92	214.98	2,191.27	273.94	159.77	-223.94	0.26	0.26	0.23	332.63		
19/09/2012	2,240.82	4.82	219.91	2,201.08	274.04	159.10	-224.45	1.31	-0.30	15.02	333.47		
19/09/2012	2,250.33	5.19	221.49	2,210.56	274.19	158.47	-224.99	1.25	1.17	4.98	334.30		
19/09/2012	2,260.04	5.10	224.39	2,220.23	274.39	157.84	-225.58	0.85	-0.28	8.96	335.17		
19/09/2012	2,269.44	4.57	226.67	2,229.60	274.59	157.28	-226.14	1.80	-1.69	7.28	335.96		
19/09/2012	2,277.95	4.66	225.79	2,238.08	274.78	156.81	-226.64	0.40	0.32	-3.10	336.64		
19/09/2012	2,288.50	4.31	228.69	2,248.60	275.02	156.25	-227.24	1.19	-1.00	8.25	337.47		
19/09/2012	2,298.02	4.04	223.86	2,258.09	275.21	155.77	-227.74	1.40	-0.85	-15.22	338.16		
19/09/2012	2,318.69	3.52	225.97	2,278.72	275.56	154.80	-228.71	0.78	-0.75	3.06	339.52		
19/09/2012	2,337.59	2.02	234.58	2,297.59	275.85	154.21	-229.39	2.46	-2.38	13.67	340.43		
19/09/2012	2,357.49	0.88	263.59	2,317.49	276.12	153.99	-229.83	1.99	-1.72	43.73	340.92		
19/09/2012	2,385.95	1.14	6.24	2,345.94	276.41	154.24	-230.02	1.67	0.27	-271.28	341.24		
19/09/2012	2,403.61	2.64	21.36	2,363.59	276.54	154.80	-229.85	2.66	2.55	25.69	341.82		
19/09/2012	2,423.10	3.60	26.55	2,383.06	276.65	155.76	-229.41	1.54	1.48	7.99	342.88		



Directional Survey

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Survey Data

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	VS (m)	NS (m)	EW (m)	DLS (°/30m)	Build (°/30m)	Turn (°/30m)	Unwrap Displace (m)	Method	Survey Company
19/09/2012	2,439.53	4.48	24.09	2,399.44	276.75	156.81	-228.92	1.64	1.61	-4.49	344.04		
19/09/2012	2,458.94	4.31	56.53	2,418.80	276.51	157.90	-228.00	3.80	-0.26	50.14	345.46		
19/09/2012	2,478.23	5.10	78.75	2,438.03	275.55	158.47	-226.56	3.06	1.23	34.56	347.02		
19/09/2012	2,497.95	4.92	91.50	2,457.67	274.15	158.62	-224.85	1.71	-0.27	19.40	348.73		
19/09/2012	2,515.87	6.33	110.57	2,475.51	272.51	158.25	-223.16	3.89	2.36	31.93	350.46		
19/09/2012	2,534.76	6.94	111.10	2,494.27	270.35	157.48	-221.12	0.97	0.97	0.84	352.64		
19/09/2012	2,553.07	7.12	99.85	2,512.44	268.20	156.88	-218.97	2.27	0.29	-18.43	354.87		
19/09/2012	2,572.84	7.03	98.44	2,532.06	265.93	156.50	-216.57	0.30	-0.14	-2.14	357.31		
19/09/2012	2,588.14	7.03	94.84	2,547.25	264.21	156.28	-214.71	0.86	0.00	-7.06	359.18		
19/09/2012	2,609.20	7.82	90.71	2,568.13	261.80	156.15	-211.99	1.36	1.13	-5.88	361.90		
19/09/2012	2,631.32	9.23	88.16	2,590.01	258.99	156.19	-208.71	1.98	1.91	-3.46	365.18		
19/09/2012	2,640.96	9.40	88.16	2,599.52	257.67	156.24	-207.15	0.53	0.53	0.00	366.74		
19/09/2012	2,649.66	9.32	89.30	2,608.10	256.46	156.27	-205.74	0.70	-0.28	3.93	368.15		
19/09/2012	2,659.12	9.32	93.08	2,617.44	255.12	156.24	-204.21	1.94	0.00	11.99	369.69		
19/09/2012	2,667.82	9.40	93.17	2,626.02	253.86	156.16	-202.79	0.28	0.28	0.31	371.10		
19/09/2012	2,677.92	9.40	94.75	2,635.99	252.39	156.05	-201.15	0.77	0.00	4.69	372.75		
19/09/2012	2,688.01	9.23	96.68	2,645.94	250.90	155.89	-199.52	1.06	-0.51	5.74	374.38		
19/09/2012	2,697.25	9.14	98.88	2,655.07	249.54	155.69	-198.06	1.18	-0.29	7.14	375.86		
19/09/2012	2,707.70	8.70	102.84	2,665.39	248.01	155.38	-196.47	2.17	-1.26	11.37	377.48		
19/09/2012	2,716.88	8.26	110.48	2,674.47	246.70	155.00	-195.18	3.95	-1.44	24.97	378.83		
19/09/2012	2,735.28	6.68	125.25	2,692.71	244.33	153.92	-193.06	4.03	-2.58	24.08	381.20		
19/09/2012	2,754.42	4.57	136.50	2,711.76	242.49	152.72	-191.63	3.72	-3.31	17.63	383.07		
19/09/2012	2,773.78	2.81	151.35	2,731.08	241.34	151.75	-190.87	3.08	-2.73	23.01	384.30		
19/09/2012	2,792.78	2.72	186.24	2,750.06	240.76	150.89	-190.70	2.62	-0.14	55.09	385.18		
19/09/2012	2,812.17	3.69	204.61	2,769.42	240.51	149.87	-191.01	2.17	1.50	28.42	386.25		
19/09/2012	2,822.76	3.52	201.89	2,779.99	240.43	149.25	-191.27	0.68	-0.48	-7.71	386.91		
19/09/2012	2,831.87	3.43	207.95	2,789.08	240.38	148.75	-191.50	1.24	-0.30	19.96	387.47		
19/09/2012	2,850.58	3.16	209.53	2,807.76	240.35	147.81	-192.02	0.46	-0.43	2.53	388.54		
19/09/2012	2,870.28	2.29	212.08	2,827.44	240.35	147.01	-192.50	1.34	-1.32	3.88	389.48		
19/09/2012	2,889.13	1.49	195.38	2,846.28	240.30	146.45	-192.76	1.53	-1.27	-26.58	390.09		
19/09/2012	2,908.47	0.97	161.46	2,865.61	240.11	146.05	-192.78	1.35	-0.81	-52.62	390.49		
19/09/2012	2,928.86	1.41	132.81	2,886.00	239.74	145.72	-192.54	1.07	0.65	-42.15	390.90		
19/09/2012	2,947.36	2.02	130.87	2,904.49	239.20	145.35	-192.12	0.99	0.99	-3.15	391.45		
19/09/2012	2,967.86	2.46	144.14	2,924.98	238.44	144.76	-191.59	0.99	0.64	19.42	392.25		
19/09/2012	2,986.33	2.99	155.66	2,943.43	237.68	144.00	-191.16	1.23	0.86	18.71	393.12		
19/09/2012	3,004.42	3.16	174.91	2,961.49	237.01	143.07	-190.92	1.73	0.28	31.92	394.08		
19/09/2012	3,023.32	2.72	199.34	2,980.37	236.62	142.13	-191.03	2.09	-0.70	38.78	395.03		
19/09/2012	3,042.36	2.02	223.33	2,999.39	236.61	141.46	-191.41	1.89	-1.10	37.80	395.80		
19/09/2012	3,061.60	0.70	213.31	3,018.62	236.70	141.11	-191.70	2.08	-2.06	-15.62	396.25		
19/09/2012	3,082.48	0.62	118.60	3,039.50	236.59	140.95	-191.67	1.40	-0.11	-136.08	396.42		
19/09/2012	3,100.21	2.72	91.76	3,057.22	236.13	140.89	-191.17	3.70	3.55	-45.41	396.93		
19/09/2012	3,203.00	2.72	91.76	3,159.90	231.84	140.74	-186.29	0.00	0.00	0.00	401.80		



Directional Survey

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Wellbore Name Sidetrack 1	Parent Wellbore Original Hole	Kick Off Depth (mKB) 2,113.00	Vertical Section Direction (°) 300.27
Date 17/10/2012	Definitive? No	Description Directional Survey from Tour Sheet Import	Proposed? No
MD Tie In (mKB) 2,093.25	TVDTie In (mKB) 2,053.79	Inclination Tie In (°) 2.99	Azimuth Tie In (°) 54.93
		NSTie In (m) 161.56	EW Tie In (m) -223.21

Survey Data

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	VS (m)	NS (m)	EW (m)	DLS (°/30m)	Build (°/30m)	Turn (°/30m)	Unwrap Displace (m)	Method	Survey Company
18/10/2012	2,116.00	2.21	65.38	2,076.52	273.72	162.08	-222.33	1.20	-1.03	13.77	1.03	DIRECTI ONA	Baker Hughes INTEQ
18/10/2012	2,129.50	5.00	331.30	2,090.00	274.07	162.71	-222.37	12.46	6.20	590.94	1.65	DIRECTI ONA	Baker Hughes INTEQ
18/10/2012	2,139.50	7.00	325.60	2,099.94	275.00	163.59	-222.93	6.25	6.00	-17.10	2.70	DIRECTI ONA	Baker Hughes INTEQ
18/10/2012	2,149.10	7.90	324.10	2,109.46	276.13	164.61	-223.64	2.88	2.81	-4.69	3.94	DIRECTI ONA	Baker Hughes INTEQ
23/10/2012	2,158.70	7.90	321.70	2,118.97	277.34	165.66	-224.44	1.03	0.00	-7.50	5.26	MWD	Baker Hughes INTEQ
23/10/2012	2,168.20	8.40	318.20	2,128.37	278.61	166.69	-225.31	2.22	1.58	-11.05	6.61	MWD	Baker Hughes INTEQ
23/10/2012	2,177.60	8.70	312.60	2,137.67	279.96	167.69	-226.29	2.82	0.96	-17.87	8.00	MWD	Baker Hughes INTEQ
24/10/2012	2,187.00	8.90	306.40	2,146.96	281.38	168.60	-227.39	3.09	0.64	-19.79	9.44	MWD	Baker Hughes INTEQ
24/10/2012	2,196.80	8.70	300.10	2,156.64	282.87	169.42	-228.65	3.01	-0.61	-19.29	10.94	MWD	Baker Hughes INTEQ
24/10/2012	2,206.60	8.60	296.70	2,166.33	284.35	170.12	-229.94	1.59	-0.31	-10.41	12.41	MWD	Baker Hughes INTEQ
25/10/2012	2,216.30	8.90	294.40	2,175.92	285.82	170.76	-231.27	1.43	0.93	-7.11	13.89	MWD	Baker Hughes INTEQ
25/10/2012	2,226.60	9.10	291.10	2,186.09	287.41	171.38	-232.76	1.61	0.58	-9.61	15.50	MWD	Baker Hughes INTEQ
25/10/2012	2,236.20	8.60	288.50	2,195.58	288.86	171.88	-234.15	2.00	-1.56	-8.13	16.97	MWD	Baker Hughes INTEQ
25/10/2012	2,245.60	9.10	285.20	2,204.87	290.27	172.30	-235.53	2.27	1.60	-10.53	18.42	MWD	Baker Hughes INTEQ
26/10/2012	2,255.00	9.40	283.90	2,214.14	291.72	172.68	-236.99	1.17	0.96	-4.15	19.93	MWD	Baker Hughes INTEQ
26/10/2012	2,264.50	8.70	283.60	2,223.53	293.16	173.03	-238.45	2.22	-2.21	-0.95	21.42	MWD	Baker Hughes INTEQ
26/10/2012	2,274.30	9.00	284.70	2,233.21	294.61	173.40	-239.91	1.05	0.92	3.37	22.93	MWD	Baker Hughes INTEQ
26/10/2012	2,284.00	9.50	284.20	2,242.78	296.11	173.79	-241.42	1.57	1.55	-1.55	24.49	MWD	Baker Hughes INTEQ
26/10/2012	2,293.80	9.10	283.50	2,252.45	297.63	174.17	-242.96	1.27	-1.22	-2.14	26.07	MWD	Baker Hughes INTEQ
26/10/2012	2,303.40	8.70	281.30	2,261.94	299.04	174.49	-244.41	1.64	-1.25	-6.88	27.56	MWD	Baker Hughes INTEQ
27/10/2012	2,313.00	9.30	279.70	2,271.42	300.45	174.76	-245.88	2.03	1.88	-5.00	29.06	MWD	Baker Hughes INTEQ
27/10/2012	2,322.60	9.10	276.00	2,280.90	301.87	174.97	-247.40	1.95	-0.63	-11.56	30.59	MWD	Baker Hughes INTEQ
27/10/2012	2,332.10	8.60	273.60	2,290.28	303.19	175.10	-248.86	1.96	-1.58	-7.58	32.06	MWD	Baker Hughes INTEQ
27/10/2012	2,341.70	9.00	276.60	2,299.77	304.52	175.23	-250.32	1.90	1.25	9.38	33.52	MWD	Baker Hughes INTEQ
27/10/2012	2,351.20	9.20	283.30	2,309.15	305.93	175.49	-251.80	3.40	0.63	21.16	35.02	MWD	Baker Hughes INTEQ
27/10/2012	2,360.70	9.10	288.10	2,318.53	307.39	175.90	-253.25	2.43	-0.32	15.16	36.53	MWD	Baker Hughes INTEQ



Directional Survey

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Survey Data

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	VS (m)	NS (m)	EW (m)	DLS (°/30m)	Build (°/30m)	Turn (°/30m)	Unwrap Displace (m)	Method	Survey Company
28/10/2012	2,370.20	8.70	293.50	2,327.92	308.83	176.41	-254.62	2.92	-1.26	17.05	38.00	MWD	Baker Hughes INTEQ
28/10/2012	2,379.80	8.70	295.50	2,337.41	310.28	177.02	-255.94	0.95	0.00	6.25	39.45	MWD	Baker Hughes INTEQ
28/10/2012	2,389.40	8.60	292.60	2,346.90	311.71	177.61	-257.26	1.40	-0.31	-9.06	40.90	MWD	Baker Hughes INTEQ
28/10/2012	2,399.10	7.90	290.00	2,356.50	313.09	178.11	-258.56	2.45	-2.16	-8.04	42.29	MWD	Baker Hughes INTEQ
30/10/2012	2,425.80	6.30	280.60	2,382.99	316.27	179.01	-261.72	2.22	-1.80	-10.56	45.58	MWD	Baker Hughes INTEQ
31/10/2012	2,464.50	2.90	266.70	2,421.56	319.09	179.34	-264.79	2.75	-2.64	-10.78	48.66	MWD	Baker Hughes INTEQ
31/10/2012	2,474.10	2.30	275.50	2,431.15	319.47	179.35	-265.22	2.25	-1.88	27.50	49.10	MWD	Baker Hughes INTEQ
31/10/2012	2,483.70	1.80	287.40	2,440.75	319.79	179.41	-265.56	2.04	-1.56	37.19	49.44	MWD	Baker Hughes INTEQ
31/10/2012	2,493.30	1.70	317.00	2,450.34	320.07	179.56	-265.80	2.81	-0.31	92.50	49.72	MWD	Baker Hughes INTEQ
31/10/2012	2,502.90	1.70	322.10	2,459.94	320.34	179.78	-265.98	0.47	0.00	15.94	50.01	MWD	Baker Hughes INTEQ
31/10/2012	2,512.40	1.30	330.20	2,469.43	320.56	179.98	-266.12	1.43	-1.26	25.58	50.25	MWD	Baker Hughes INTEQ
01/11/2012	2,522.00	1.00	347.40	2,479.03	320.72	180.16	-266.20	1.42	-0.94	53.75	50.44	MWD	Baker Hughes INTEQ
01/11/2012	2,531.50	1.00	337.20	2,488.53	320.84	180.32	-266.25	0.56	0.00	-32.21	50.61	MWD	Baker Hughes INTEQ
01/11/2012	2,541.00	0.90	322.60	2,498.03	320.97	180.45	-266.32	0.82	-0.32	-46.11	50.77	MWD	Baker Hughes INTEQ
01/11/2012	2,550.50	0.40	3.60	2,507.53	321.06	180.54	-266.37	2.06	-1.58	-1007.37	50.87	MWD	Baker Hughes INTEQ
01/11/2012	2,554.00	0.40	13.10	2,511.03	321.07	180.57	-266.36	0.57	0.00	81.43	50.89	MWD	Baker Hughes INTEQ



Cores - Bottomhole and Sidewall

Well Name: **NCY McParlon A-25**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	License # 1130	Well Configuration Type Deviated	Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05
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Bottom Hole Cores

Date 18/08/2012 09:30	Core # 1	Type Conventional	Top Depth (mKB) 2,050.00	Bottom Depth (mKB) 2,051.80	Recovered (m) 1.0	% Recov (%) 56	Core Diameter (mm)	Oriented? No	Coring Company Quest	Formation
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Comment

Sidewall Cores

Date 03/10/2012	Run No 1	Type Wireline	Top Depth (mKB) 1,440.00	Bottom Depth (mKB) 2,096.00	Coring Company Schlumberger
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# Samples Planned	# Samples Recovered	# Bullets Fired	# Bullets Misfired	# Samples Empty	# Samples Lost in Hole
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Sidewall Core Samples

Sample Depth (mKB)	Sample Depth (TVD) (mKB)	Sample Length (m)	Result	Formation
1,440.00	1,404.17			
1,440.10	1,404.27			
1,440.20	1,404.36			
1,514.70	1,477.48			
1,514.90	1,477.68			
1,615.90	1,577.99			
1,616.00	1,578.09			
1,616.10	1,578.18			
1,696.30	1,658.14			
1,696.40	1,658.24			
1,696.50	1,658.34			
1,719.90	1,681.70			
1,720.00	1,681.80			
1,720.10	1,681.90			
1,725.00	1,686.79			
1,725.10	1,686.89			
1,729.00	1,690.79			
1,729.10	1,690.89			
1,729.20	1,690.99			
1,753.90	1,715.64			
1,754.00	1,715.74			
1,754.10	1,715.84			
1,796.70	1,758.29			
1,843.90	1,805.31			
1,844.00	1,805.41			
1,844.10	1,805.51			
1,850.90	1,812.29			
1,851.00	1,812.39			
1,851.10	1,812.49			
1,851.20	1,812.59			
1,857.70	1,819.06			



NORTHERN CROSS

Cores - Bottomhole and Sidewall

Well Name: NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	License # 1130	Well Configuration Type Deviated	Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05
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Sidewall Core Samples

Sample Depth (mKB)	Sample Depth (TVD) (mKB)	Sample Length (m)	Result	Formation
1,857.80	1,819.16			
1,857.90	1,819.26			
1,879.50	1,840.79			
1,887.50	1,848.76			
1,928.80	1,889.88			
1,934.70	1,895.76			
1,934.80	1,895.86			
1,934.90	1,895.96			
2,084.90	2,045.46			
2,085.00	2,045.56			
2,085.10	2,045.66			
2,085.20	2,045.76			
2,092.00	2,052.55			
2,092.10	2,052.65			
2,092.20	2,052.75			
2,092.30	2,052.85			
2,095.80	2,056.35			
1,514.80	1,477.58			
2,095.90	2,056.45			
2,096.00	2,056.55			



Casing

Conductor

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Wellbore					
Wellbore Name Original Hole				Kick Off Depth (mKB) 404.00	
Section Des	Size (mm)	Act Top (mKB)	Act Btm (mKB)	Start Date	End Date

Wellhead					
Type DT-2 CSG HEAD	Install Date 11/07/2012	Service SS	Comment DRILL THROUGH, SCREW ON BOWL WITH BUTTRESS THREAD, TORQUED TO BASE OF TRIANGLE.		

Wellhead Components					
Des	Make	Model	SN	WP Top (kPa)	
CASING HEAD	WEATHERFORD	K2D P.N.-611928	43822688-1	34,500	

Type DT-2 DRILLING SPOOL	Install Date 11/07/2012	Service SS	Comment SPEED SPOOL WITH MANDRIL LANDING PROFILE.		
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Wellhead Components					
Des	Make	Model	SN	WP Top (kPa)	
DRILLING SPOOL	WEATHERFORD		E06K64	34,500	

Casing					
Casing Description Conductor	Set Depth (mKB) 28.20	Run Date 15/06/2012	Set Tension (daN)		
Centralizers	Scratchers n/a				

Casing Components												
Item Des	OD (mm)	Wt (kg/m)	Grade	Top Thread	Jts	Len (m)	Top (mKB)	Btm (mKB)	Mk-up Tq (daN*m)	Class	Max OD (mm)	ID (mm)
Casing Joints	508.0	158.490	J-55		2	20.00	8.20	28.20				482.6



Casing

Surface

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Wellbore				
Wellbore Name Original Hole				Kick Off Depth (mKB) 404.00
Section Des	Size (mm)	Act Top (mKB)	Act Btm (mKB)	Start Date
Rathole	762.0	8.20	28.20	15/06/2012
Surface Hole	444.5	20.00	377.00	02/07/2012
				End Date 15/06/2012 07/07/2012

Wellhead				
Type DT-2 CSG HEAD	Install Date 11/07/2012	Service SS	Comment DRILL THROUGH, SCREW ON BOWL WITH BUTTRESS THREAD, TORQUED TO BASE OF TRIANGLE.	

Wellhead Components				
Des	Make	Model	SN	WP Top (kPa)
CASING HEAD	WEATHERFORD	K2D P.N.-611928	43822688-1	34,500
Type DT-2 DRILLING SPOOL	Install Date 11/07/2012	Service SS	Comment SPEED SPOOL WITH MANDRIL LANDING PROFILE.	

Wellhead Components				
Des	Make	Model	SN	WP Top (kPa)
DRILLING SPOOL	WEATHERFORD		E06K64	34,500

Casing				
Casing Description Surface	Set Depth (mKB) 374.63	Run Date 09/07/2012	Set Tension (daN)	
Centralizers	Scratchers n/a			

Casing Components												
Item Des	OD (mm)	Wt (kg/m)	Grade	Top Thread	Jts	Len (m)	Top (mKB)	Btm (mKB)	Mk-up Tq (daN*m)	Class	Max OD (mm)	ID (mm)
Casing Joints	339.7	101.195	K-55	Buttress Thread	29	353.09	8.51	361.60	0		365.1	315.3
Float Collar	339.7	101.195	K-55	Buttress Thread	1	0.49	361.60	362.09			365.1	315.3
Casing Joints	339.7	101.195	K-55	Buttress Thread	1	11.99	362.09	374.08			365.1	315.3
Float Shoe	339.7	101.195	K-55	Buttress Thread	1	0.55	374.08	374.63			365.1	315.3
	339.7						374.63	374.63				



Casing

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

Intermediate 1

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Wellbore					
Wellbore Name Original Hole				Kick Off Depth (mKB) 404.00	
Section Des	Size (mm)	Act Top (mKB)	Act Btm (mKB)	Start Date	End Date
Rathole	762.0	8.20	28.20	15/06/2012	15/06/2012
Surface Hole	444.5	20.00	377.00	02/07/2012	07/07/2012
Intermediate Hole	311.0	377.00	1,197.00	13/07/2012	21/07/2012

Wellhead					
Type DT-2 CSG HEAD	Install Date 11/07/2012	Service SS	Comment DRILL THROUGH, SCREW ON BOWL WITH BUTTRESS THREAD, TORQUED TO BASE OF TRIANGLE.		

Wellhead Components					
Des	Make	Model	SN	WP Top (kPa)	
CASING HEAD	WEATHERFORD	K2D P.N.-611928	43822688-1	34,500	
Type DT-2 DRILLING SPOOL	Install Date 11/07/2012	Service SS	Comment SPEED SPOOL WITH MANDRIL LANDING PROFILE.		

Wellhead Components					
Des	Make	Model	SN	WP Top (kPa)	
DRILLING SPOOL	WEATHERFORD		E06K64	34,500	

Casing					
Casing Description Intermediate 1	Set Depth (mKB) 1,197.00	Run Date 23/07/2012	Set Tension (daN)		
Centralizers 45 Semi Rigid	Scratchers n/a				

Casing Components												
Item Des	OD (mm)	Wt (kg/m)	Grade	Top Thread	Jts	Len (m)	Top (mKB)	Btm (mKB)	Mk-up Tq (daN*m)	Class	Max OD (mm)	ID (mm)
Landing Joint	244.5	59.527	L-80	LT&C	0	0.00	7.90	7.90				224.4
Casing Hanger	244.5	59.527	L-80	LT&C	1	2.17	7.90	10.07				224.4
Casing Pup Joint	244.5	59.527	L-80	LT&C	1	1.76	10.07	11.83				224.4
Casing Joints	244.5	59.527	L-80	LT&C	85	1,158.62	11.83	1,170.45				224.4
Float Collar	244.5	59.527	L-80	LT&C	1	0.47	1,170.45	1,170.92	7,390			224.4
Casing Joints	244.5	59.527	L-80	LT&C	2	25.53	1,170.92	1,196.45	7,390			224.4
Guide Shoe	244.5	59.530	L-80	LT&C	1	0.55	1,196.45	1,197.00	7,390		269.9	224.4



Casing

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

Intermediate 2

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Wellbore					
Wellbore Name Sidetrack 1				Kick Off Depth (mKB) 2,113.00	
Section Des	Size (mm)	Act Top (mKB)	Act Btm (mKB)	Start Date	End Date
Intermediate 2	222.0	2,113.00	2,574.00	15/10/2012	01/11/2012

Wellhead					
Type DT-2 CSG HEAD	Install Date 11/07/2012	Service SS	Comment DRILL THROUGH, SCREW ON BOWL WITH BUTTRESS THREAD, TORQUED TO BASE OF TRIANGLE.		

Wellhead Components					
Des	Make	Model	SN	WP Top (kPa)	
CASING HEAD	WEATHERFORD	K2D P.N.-611928	43822688-1	34,500	
Type DT-2 DRILLING SPOOL	Install Date 11/07/2012	Service SS	Comment SPEED SPOOL WITH MANDRIL LANDING PROFILE.		

Wellhead Components					
Des	Make	Model	SN	WP Top (kPa)	
DRILLING SPOOL	WEATHERFORD		E06K64	34,500	

Casing					
Casing Description Intermediate 2	Set Depth (mKB) 2,268.00	Run Date 13/11/2012	Set Tension (daN)		
Centralizers 40x 8.25" Stand off bands, 60x 8.5" stand off bands, 41x Semi-rigid centralizers	Scratchers n/a				

Casing Components												
Item Des	OD (mm)	Wt (kg/m)	Grade	Top Thread	Jts	Len (m)	Top (mKB)	Btm (mKB)	Mk-up Tq (daN*m)	Class	Max OD (mm)	ID (mm)
Double pin #2	177.8	43.157	L-80	LT&C	0	0.00	7.66	7.66	748			157.1
Landing jt w/ Mandrel #2, 8.83m f/ top to mandrel	177.8	43.157	L-80	LT&C	1	2.03	7.66	9.69	748			157.1
Landing jt w/ Mandrel #1, 9.02m f/ top to mandrel	177.8	43.157	L-80	LT&C	0	0.00	9.69	9.69	748			157.1
Casing Pup Joint A	177.8	43.157	L-80	LT&C	1	7.10	9.69	16.79	748			157.1
Casing Joints	177.8	43.157	L-80	LT&C	162	2,205.98	16.79	2,222.77	748			157.1
Float Collar plus jt	177.8	43.157	L-80	LT&C	2	28.92	2,222.77	2,251.69	748			157.1
Casing Joints	177.8	43.157	L-80	LT&C	1	13.77	2,251.69	2,265.46	748			157.1
Float Collar	177.8	43.157	L-80	LT&C	1	0.45	2,265.46	2,265.91	748			157.1
Stubby Landing Tool	177.8	43.157	L-80	LT&C	1	2.09	2,265.91	2,268.00				157.1

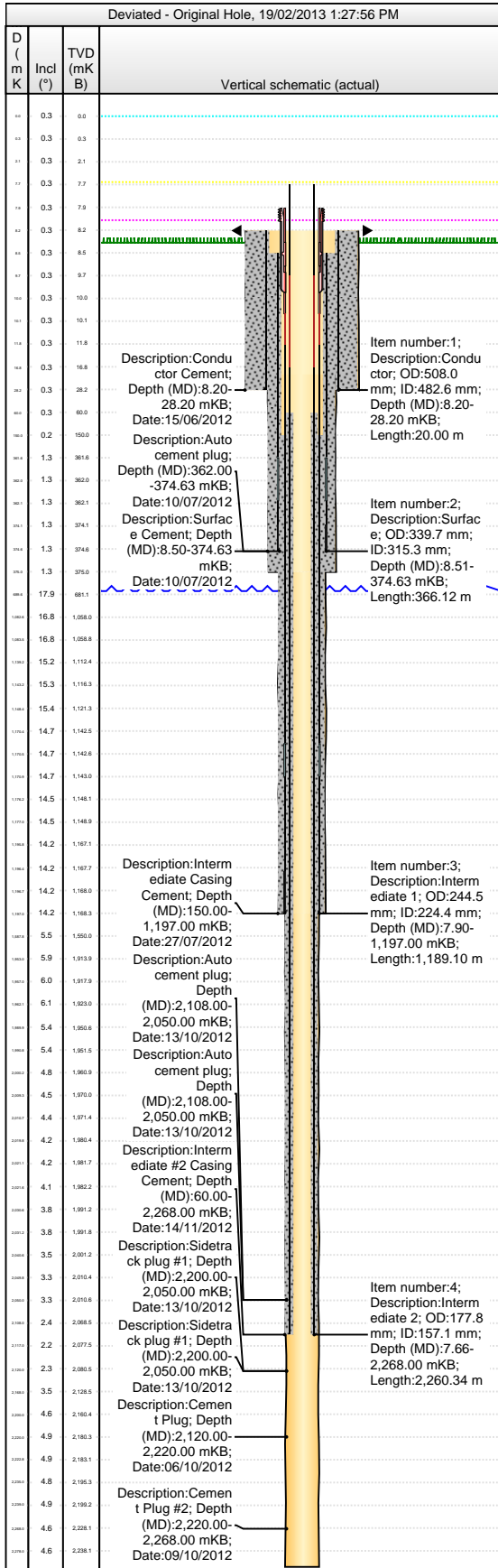


Casing, Liner and Cement report

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

Conductor

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45



Wellbore			
Wellbore Name Original Hole	Profile Type	Kick Off Depth (mKB) 404.00	Vertical Section Direction (°) 300.27
Section Des	Size (mm)	Act Top (mKB)	Act Btm (mKB)
Rathole	762.0	8.20	28.20
Surface Hole	444.5	20.00	377.00
Intermediate Hole	311.0	377.00	1,197.00
Production	222.0	1,197.00	3,132.00

Wellhead				
Type DT-2 CSG HEAD				
Des	Make	Model	SN	WP Top (kPa)
CASING HEAD	WEATHERFORD	K2D P.N.-611928	43822688-1	34,500

Type DT-2 DRILLING SPOOL				
Des	Make	Model	SN	WP Top (kPa)

Last Mud Check								
Date	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	Gel (10s) (Pa)	Gel (10m) (Pa)	PV OR (Pa*s)	YP OR (Pa)

Casing								
Casing Description Conductor			Run Date 15/06/2012 05:43	Set Depth (mKB) 28.20	Wellbore Original Hole			
Centralizers			Scratchers n/a					
Jts	Item Des	OD (mm)	ID (mm)	Wt (kg/m)	Grade	Len (m)	Top (mKB)	Btm (mKB)
2	Casing Joints	508.0	482.6	158.490	J-55	20.00	8.20	28.20

Cement: Conductor Cement		
Cementing Start Date 15/06/2012	Cementing End Date 15/06/2012	Wellbore Original Hole
Evaluation Method	Cement Evaluation Results	

Comment
CEMENT 914MM CASING. PUMP 1.0M3 WATER FOLLOWED BY 7.9 M3 (10 TONNES) ARCTIC-CEM (1870 KG/M3) F/ (0-20M) W/ 0.2% PFR-1. HIGH FLUID LOSS TO FORMATION. PUMP ANOTHER 7.1 M3 (8.99 TONNES) ARCTIC-CEM (1870 KG/M3) F/ (0-20M) W/ 0.2% PFR-1. DISPLACE PIPE WITH 1.0 M3 OF WATER.

Cement Stage: Conductor Cement					
Top Depth (mKB) 8.20	Bottom Depth (mKB) 28.20	Full Return? Yes	Vol Ceme... 0.750	Top Plug? No	Bottom Plug? No
Q Pump Init (m³/min) 0.750	Final Pump Rate (m³/min) 0.750	Avg Pump Rate (m³/min) 0.750		P Pump Final (kPa) 380	P Plug Bump (kPa)
Pipe Reciprocated? No	Stroke (m)	Reciprocation Rate (spm)	Pipe Rotated? No	Pipe RPM (rpm)	
Tagged Depth (mKB)	Tag Method	Depth Plug Drilled Out...	Drill Out Diameter (mm)	Drill Out Date	

Cement Fluid: <Description?>				
Fluid Type	Fluid Description	Amount (1...)	Class	Volume Pumped (m³)
Estimated Top (mKB)	Est Btm (mKB)	Yield (m³/tonne)	Mix H2O Ratio (m³/tonne)	Free Water (%)
Density (kg/m³)	Plastic Viscosity (Pa*s)	Thickening Time (hr)	1st Compressive Strength (kPa)	

Cement Fluid Additives		
Add	Type	Conc

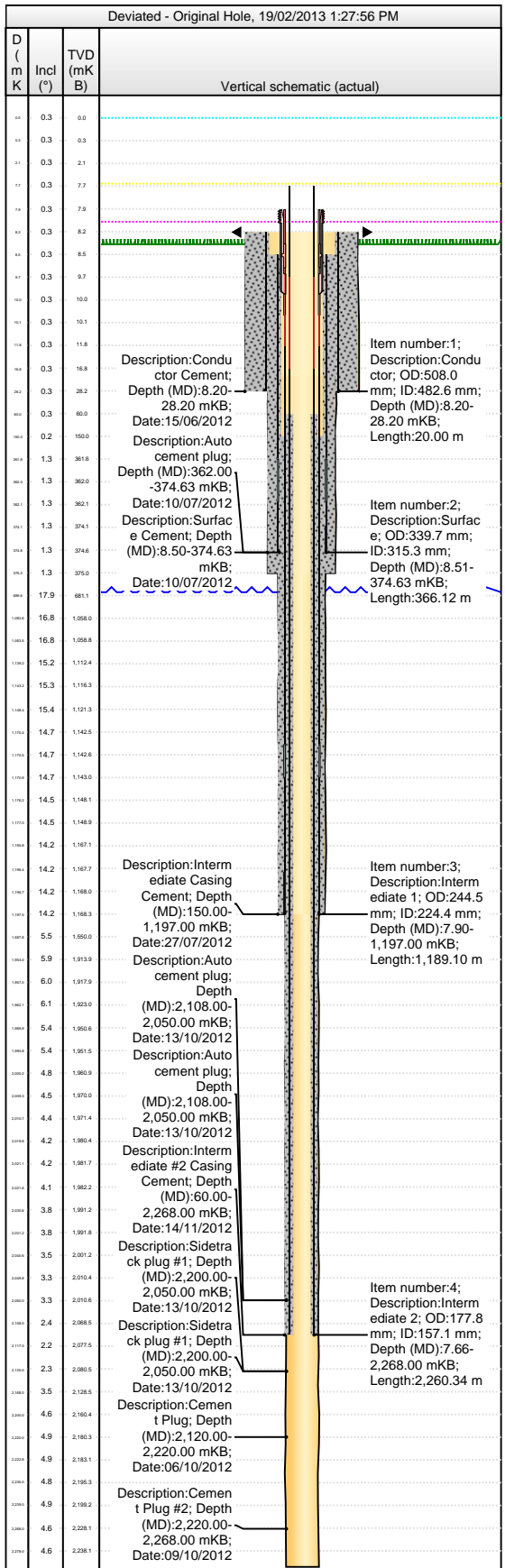


Casing, Liner and Cement report

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

Surface

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45



Wellbore		Wellbore Name Original Hole	Profile Type	Kick Off Depth (mKB) 404.00	Vertical Section Direction (°) 300.27			
Section Des	Size (mm)	Act Top (mKB)	Act Btm (mKB)					
Rathole	762.0	8.20	28.20					
Surface Hole	444.5	20.00	377.00					
Intermediate Hole	311.0	377.00	1,197.00					
Production	222.0	1,197.00	3,132.00					
Wellhead								
Type DT-2 CSG HEAD								
Des	Make	Model	SN	WP Top (kPa)				
CASING HEAD	WEATHERFORD	K2D P.N.-611928	43822688-1	34,500				
Type DT-2 DRILLING SPOOL								
Des	Make	Model	SN	WP Top (kPa)				
Last Mud Check								
Date	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	Gel (10s) (Pa)	Gel (10m) (Pa)	PV OR (Pa*s)	YP OR (Pa)
08/07/2012	GEL CHEM	377.00	1,180.0	98	8.000	15.000	0.0	22.500
Casing								
Casing Description Surface			Run Date 09/07/2012 05:43	Set Depth (mKB) 374.63	Wellbore Original Hole			
Centralizers				Scratchers n/a				
Jts	Item Des	OD (mm)	ID (mm)	Wt (kg/m)	Grade	Len (m)	Top (mKB)	Btm (mKB)
29	Casing Joints	339.7	315.3	101.195	K-55	353.09	8.51	361.60
1	Float Collar	339.7	315.3	101.195	K-55	0.49	361.60	362.09
1	Casing Joints	339.7	315.3	101.195	K-55	11.99	362.09	374.08
1	Float Shoe	339.7	315.3	101.195	K-55	0.55	374.08	374.63
		339.7					374.63	374.63
Cement: Surface								
Cementing Start Date 10/07/2012			Cementing End Date 10/07/2012		Wellbore Original Hole			
Evaluation Method Returns to Surface			Cement Evaluation Results 5m3 cement returns to surface. After pumping stopped, cement fell back to 27m requiring two top up cement jobs to get cement to surface.					
Comment CEMENT 444.5MM CASING W/ 16.9 M3 (21.4 TONNES) ARCTIC-CEM (1870 KG/M3) LEAD F/ (0-200M) W/ 0.27% PFR-1 FOLLOWED BY 11 M3 (14.5 TONNES) OF HALCEM G TAIL CEMENT (1895KG/M3). 5 M3 RETURNS TO SURFACE, DISPLACED W/ 3.25 M3 WATER.								
Cement Stage: Surface								
Top Depth (mKB)	Bottom Depth (mKB)	Full Return?	Vol Ceme...	Top Plug?	Bottom Plug?			
8.50	374.63	Yes	5.00	Yes	No			
Q Pump Init (m³/min)	Final Pump Rate (m³/min)	Avg Pump Rate (m³/min)	P Pump Final (kPa)	P Plug Bump (kPa)				
1.000	0.400	1.000	3,000	15,700				
Pipe Reciprocated?	Stroke (m)	Reciprocation Rate (spm)	Pipe Rotated?	Pipe RPM (rpm)				
No			No					
Tagged Depth (mKB)	Tag Method	Depth Plug Drilled Out...	Drill Out Diameter (mm)	Drill Out Date				
362.00	Drill Bit	375.00	311.0	13/07/2012				
Cement Fluid: Surface								
Fluid Type Lead	Fluid Description ArcticCem + 0.27% PFR-1			Amount (1...)	Class	Volume Pumped (m³)		
				21.4		16.90		
Estimated Top (mKB)	Est Btm (mKB)	Yield (m³/tonne)	Mix H2O Ratio (m³/tonne)	Free Water (%)				
8.50	200.00	0.790	0.42					
Density (kg/m³)	Plastic Viscosity (Pa*s)	Thickening Time (hr)	1st Compressive Strength (kPa)					
1,870.0		2.50	3,500					



Casing, Liner and Cement report

Surface

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Deviated - Original Hole, 19/02/2013 1:27:57 PM		
D (mK)	Incl (°)	TVD (mKB)
0.0	0.0	0.0
0.3	0.3	0.3
0.3	2.1	0.3
0.3	7.7	0.3
0.3	7.9	0.3
0.3	8.2	0.3
0.3	8.5	0.3
0.3	9.7	0.3
0.3	10.0	0.3
0.3	10.1	0.3
0.3	11.8	0.3
0.3	16.8	0.3
0.3	28.2	0.3
0.3	60.0	0.3
0.2	150.0	0.2
1.3	361.6	1.3
1.3	362.0	1.3
1.3	374.1	1.3
1.3	374.6	1.3
1.3	375.0	1.3
17.9	681.1	17.9
16.8	1058.0	16.8
16.8	1058.8	16.8
15.2	1112.4	15.2
15.3	1116.3	15.3
15.4	1121.3	15.4
14.7	1142.5	14.7
14.7	1142.6	14.7
14.7	1143.0	14.7
14.5	1148.1	14.5
14.5	1148.9	14.5
14.2	1167.1	14.2
14.2	1167.7	14.2
14.2	1168.0	14.2
14.2	1168.3	14.2
5.5	1560.0	5.5
5.9	1913.9	5.9
6.0	1917.9	6.0
6.1	1923.0	6.1
5.4	1950.6	5.4
5.4	1951.5	5.4
4.8	1960.9	4.8
4.5	1970.0	4.5
4.4	1971.4	4.4
4.2	1980.4	4.2
4.2	1981.7	4.2
4.1	1982.2	4.1
3.8	1991.2	3.8
3.8	1991.8	3.8
3.5	2001.2	3.5
3.3	2010.4	3.3
3.3	2010.6	3.3
2.4	2088.5	2.4
2.2	2077.5	2.2
2.3	2080.5	2.3
3.5	2128.5	3.5
4.6	2160.4	4.6
4.9	2180.3	4.9
4.9	2183.1	4.9
4.8	2196.3	4.8
4.9	2199.2	4.9
4.6	2228.1	4.6
4.6	2238.1	4.6

Cement Fluid Additives					
Add	Type	Conc			
Cement Fluid: Surface					
Fluid Type Tail	Fluid Description HalCem G	Amount (1... 10.7	Class G	Volume Pumped (m³) 8.10	
Estimated Top (mKB) 200.00	Est Btm (mKB) 200.00	Yield (m³/tonne) 0.760	Mix H2O Ratio (m³/tonne) 0.44	Free Water (%)	
Density (kg/m³) 1,895.0	Plastic Viscosity (Pa*s)	Thickening Time (hr) 3.75	1st Compressive Strength (kPa) 3,500		

Cement Fluid Additives		
Add	Type	Conc

Vertical schematic (actual)

Description: Conductor Cement; Depth (MD): 8.20-28.20 mKB; Date: 15/06/2012

Description: Auto cement plug; Depth (MD): 362.00-374.63 mKB; Date: 10/07/2012

Description: Surface Cement; Depth (MD): 8.50-374.63 mKB; Date: 10/07/2012

Description: Intermediate Casing Cement; Depth (MD): 150.00-1,197.00 mKB; Date: 27/07/2012

Description: Auto cement plug; Depth (MD): 2,108.00-2,050.00 mKB; Date: 13/10/2012

Description: Auto cement plug; Depth (MD): 2,108.00-2,050.00 mKB; Date: 13/10/2012

Description: Intermediate #2 Casing Cement; Depth (MD): 60.00-2,268.00 mKB; Date: 14/11/2012

Description: Sidetrack plug #1; Depth (MD): 2,200.00-2,050.00 mKB; Date: 13/10/2012

Description: Sidetrack plug #1; Depth (MD): 2,200.00-2,050.00 mKB; Date: 13/10/2012

Description: Cement Plug; Depth (MD): 2,120.00-2,220.00 mKB; Date: 06/10/2012

Description: Cement Plug #2; Depth (MD): 2,268.00 mKB; Date: 09/10/2012

Item number: 1; Description: Conductor; OD: 508.0 mm; ID: 482.6 mm; Depth (MD): 8.20-28.20 mKB; Length: 20.00 m

Item number: 2; Description: Surface; OD: 339.7 mm; ID: 315.3 mm; Depth (MD): 8.51-374.63 mKB; Length: 366.12 m

Item number: 3; Description: Intermediate 1; OD: 244.5 mm; ID: 224.4 mm; Depth (MD): 7.90-1,197.00 mKB; Length: 1,189.10 m

Item number: 4; Description: Intermediate 2; OD: 177.8 mm; ID: 157.1 mm; Depth (MD): 7.66-2,268.00 mKB; Length: 2,260.34 m

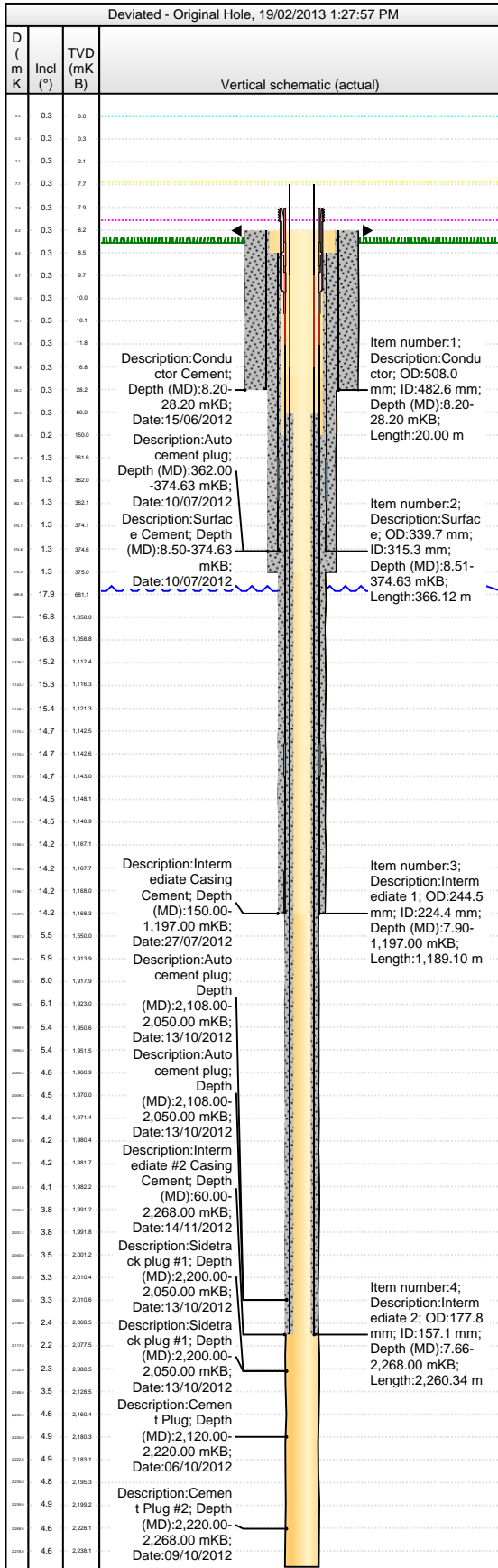


Casing, Liner and Cement report

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

Intermediate 1

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45



Wellbore			
Wellbore Name Original Hole	Profile Type	Kick Off Depth (mKB) 404.00	Vertical Section Direction (°) 300.27
Section Des	Size (mm)	Act Top (mKB)	Act Btm (mKB)
Rathole	762.0	8.20	28.20
Surface Hole	444.5	20.00	377.00
Intermediate Hole	311.0	377.00	1,197.00
Production	222.0	1,197.00	3,132.00

Wellhead				
Type DT-2 CSG HEAD				
Des	Make	Model	SN	WP Top (kPa)
CASING HEAD	WEATHERFORD	K2D P.N.-611928	43822688-1	34,500

Type DT-2 DRILLING SPOOL				
Des	Make	Model	SN	WP Top (kPa)

Last Mud Check								
Date	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	Gel (10s) (Pa)	Gel (10m) (Pa)	PV OR (Pa·s)	YP OR (Pa)
22/07/2012	POLYMER	1,197.00	1,200.00	79	5.500	10.000	0.0	21.500

Casing								
Casing Description Intermediate 1			Run Date 23/07/2012 05:00		Set Depth (mKB) 1,197.00		Wellbore Original Hole	
Centralizers 45 Semi Rigid				Scratchers n/a				
Jts	Item Des	OD (mm)	ID (mm)	Wt (kg/m)	Grade	Len (m)	Top (mKB)	Btm (mKB)
0	Landing Joint	244.5	224.4	59.527	L-80	0.00	7.90	7.90
1	Casing Hanger	244.5	224.4	59.527	L-80	2.17	7.90	10.07
1	Casing Pup Joint	244.5	224.4	59.527	L-80	1.76	10.07	11.83
85	Casing Joints	244.5	224.4	59.527	L-80	1,158.62	11.83	1,170.45
1	Float Collar	244.5	224.4	59.527	L-80	0.47	1,170.45	1,170.92
2	Casing Joints	244.5	224.4	59.527	L-80	25.53	1,170.92	1,196.45
1	Guide Shoe	244.5	224.4	59.530	L-80	0.55	1,196.45	1,197.00

Cement: Intermediate Casing Cement		
Cementing Start Date 27/07/2012	Cementing End Date 28/07/2012	Wellbore Original Hole
Evaluation Method	Cement Evaluation Results No cement to surface. However, contaminated the drilling fluid with channelled cement or improperly distributed cement blends.	

Comment
CEMENT 311.15MM CASING:
PRE-FLUSH:
3.0M3 WATER
SCAVENGER:
4.0 M3 (1.3 TONNES) EXTENDACEM 1400 (1250 KG/M3) + 0.5% HALAD 344
LEAD 1:
19.9 M3 (10.3 TONNES) EXTENDACEM 1400 (1250 KG/M3) + 0.5% HALAD 344
LEAD 2:
40.8 M3 (40.0 TONNES) HALCEM G + 0.5% HALAD 657 +1.6% HAL GEL + 0.7% CACL + 4% ECONOLITE
TAIL:
33.4 M3 (44.0 TONNES) OF HALCEM G TAIL CEMENT (1895KG/M3) + 0.5% HALAD 344 + 0.2% HR -4

Contaminated drilling fluid severely where contaminated mud/cement set up in shaker tanks. Had to clean tanks and strip/process mud in order to be used for the next hole section. Time consuming.

Cement Bond log run to confirm shoe cement integrity. Casing - cement bond satisfactory at shoe and bottom 200m of casing.

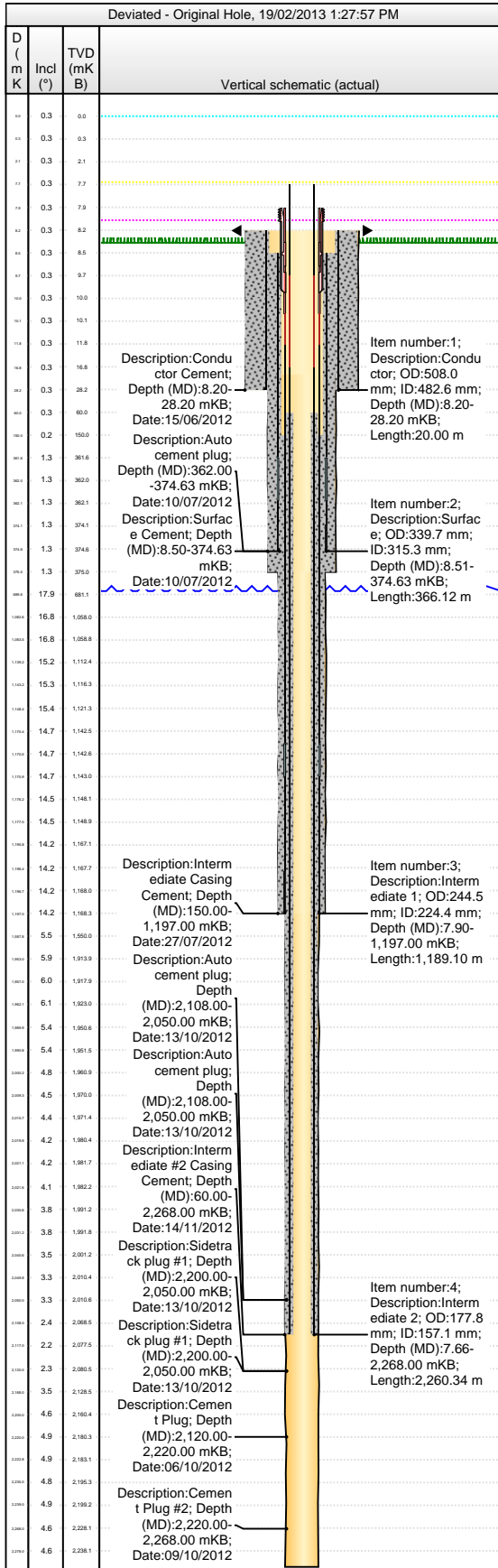


Casing, Liner and Cement report

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

Intermediate 1

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45



Cement Stage: Intermediate Casing Cement

Top Depth (mKB) 150.00	Bottom Depth (mKB) 1,197.00	Full Return? No	Vol Ceme... 0.00	Top Plug? Yes	Bottom Plug? Yes
Q Pump Init (m³/min) 1.000	Final Pump Rate (m³/min) 0.500	Avg Pump Rate (m³/min) 1.000	P Pump Final (kPa) 8,000	P Plug Bump (kPa) 15,000	
Pipe Reciprocated? Yes	Stroke (m) 4.00	Reciprocation Rate (spm) 1	Pipe Rotated? No	Pipe RPM (rpm)	
Tagged Depth (mKB)	Tag Method	Depth Plug Drilled Out...	Drill Out Diameter (mm) 222.2	Drill Out Date	

Cement Fluid: Intermediate Casing Cement

Fluid Type Preflush	Fluid Description Preflush	Amount (1...) 0.0	Class Water	Volume Pumped (m³) 3.00
Estimated Top (mKB) 0.00	Est Btm (mKB) 21.00	Yield (m³/tonne)	Mix H2O Ratio (m³/tonne)	Free Water (%)
Density (kg/m³) 1,000.0	Plastic Viscosity (Pa*s)	Thickening Time (hr)	1st Compressive Strength (kPa)	

Cement Fluid Additives

Add	Type	Conc

Cement Fluid: Intermediate Casing Cement

Fluid Type Scavenger	Fluid Description Scavenger	Amount (1...) 1.3	Class Thermal	Volume Pumped (m³) 4.00
Estimated Top (mKB) 21.00	Est Btm (mKB) 150.00	Yield (m³/tonne) 3.100	Mix H2O Ratio (m³/tonne) 2.62	Free Water (%)
Density (kg/m³) 1,250.0	Plastic Viscosity (Pa*s)	Thickening Time (hr) 6.00	1st Compressive Strength (kPa) 3,500	

Cement Fluid Additives

Add	Type	Conc
Halad 344		0.5

Cement Fluid: Intermediate Casing Cement

Fluid Type Lead 1	Fluid Description Lead	Amount (1...) 10.3	Class Thermal	Volume Pumped (m³) 19.90
Estimated Top (mKB) 150.00	Est Btm (mKB) 481.50	Yield (m³/tonne) 1.940	Mix H2O Ratio (m³/tonne) 1.46	Free Water (%)
Density (kg/m³) 1,400.0	Plastic Viscosity (Pa*s)	Thickening Time (hr) 6.00	1st Compressive Strength (kPa) 3,500	

Cement Fluid Additives

Add	Type	Conc
Halad 344		0.5

Cement Fluid: Intermediate Casing Cement

Fluid Type Lead 2	Fluid Description Lead	Amount (1...) 40.0	Class G	Volume Pumped (m³) 40.80
Estimated Top (mKB) 481.50	Est Btm (mKB) 945.00	Yield (m³/tonne) 1.020	Mix H2O Ratio (m³/tonne) 0.70	Free Water (%)
Density (kg/m³) 1,665.0	Plastic Viscosity (Pa*s)	Thickening Time (hr) 4.00	1st Compressive Strength (kPa) 3,500	

Cement Fluid Additives

Add	Type	Conc
CaCl2		0.7
Econolite		4.0
Hal Gel		1.6
Halad 567		0.5

Cement Fluid: Intermediate Casing Cement

Fluid Type Tail	Fluid Description Tail	Amount (1...) 44.0	Class G	Volume Pumped (m³) 33.40
Estimated Top (mKB) 945.00	Est Btm (mKB) 1,197.00	Yield (m³/tonne) 0.760	Mix H2O Ratio (m³/tonne) 0.44	Free Water (%)
Density (kg/m³) 1,895.0	Plastic Viscosity (Pa*s)	Thickening Time (hr) 2.50	1st Compressive Strength (kPa) 3,500	

Cement Fluid Additives

Add	Type	Conc
Halad 344		0.5
HR-4		0.2

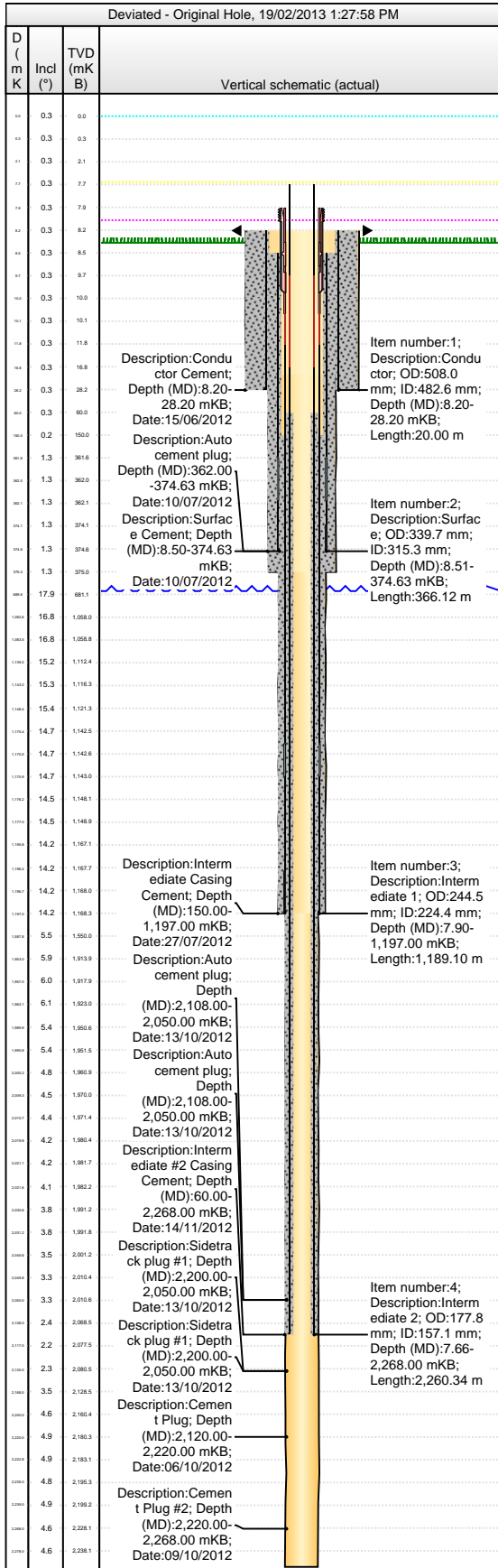


Casing, Liner and Cement report

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

Intermediate 1

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

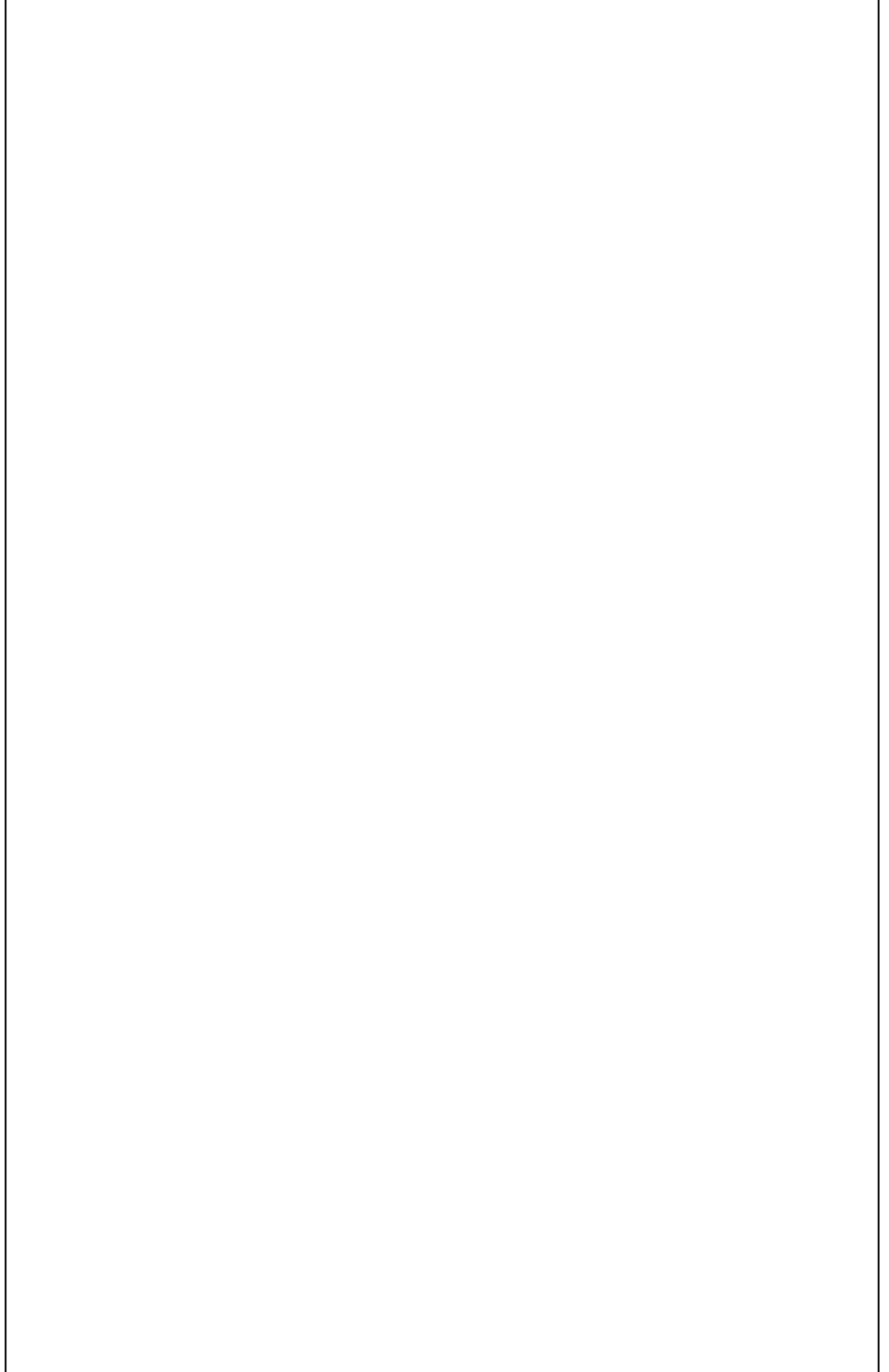


Cement Fluid: Intermediate Casing Cement

Fluid Type Displacement	Fluid Description Drilling Mud	Amount (1...) 0.0	Class n/a	Volume Pumped (m³) 46.80
Estimated Top (mKB) 0.00	Est Btm (mKB) 1,181.90	Yield (m³/tonne)	Mix H2O Ratio (m³/tonne)	Free Water (%)
Density (kg/m³) 1,250.0	Plastic Viscosity (Pa*s)	Thickening Time (hr)	1st Compressive Strength (kPa)	

Cement Fluid Additives

Add	Type	Conc



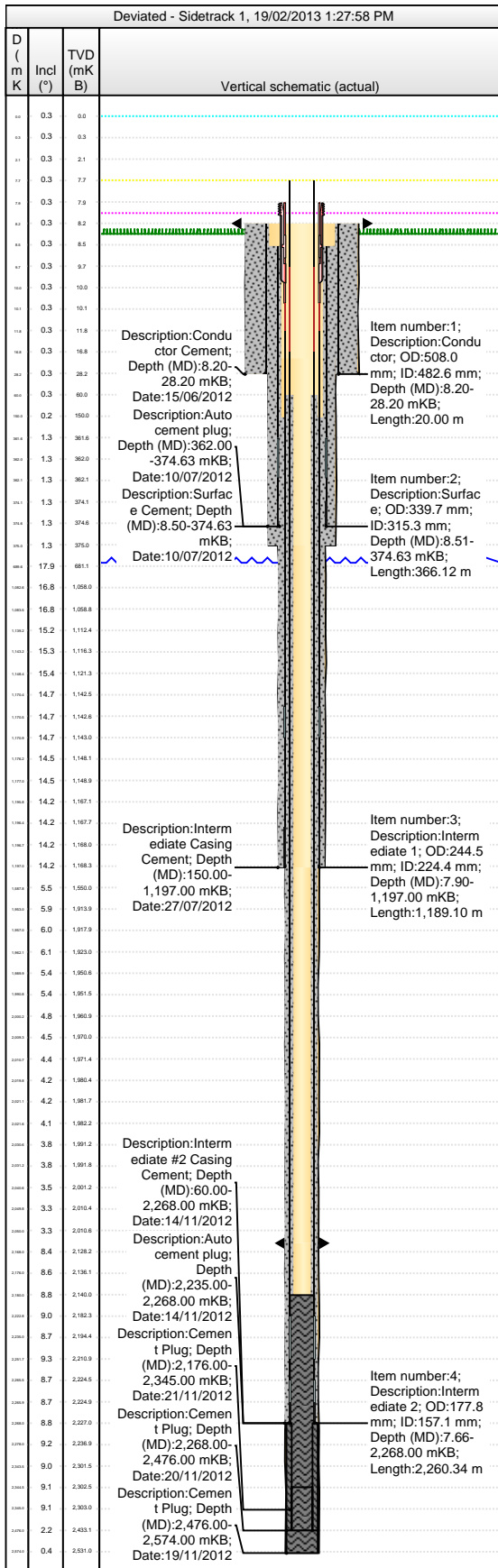


Casing, Liner and Cement report

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

Intermediate 2

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45



Wellbore

Wellbore Name Sidetrack 1	Profile Type Directional	Kick Off Depth (mKB) 2,113.00	Vertical Section Direction (°) 300.27
Section Des Intermediate 2	Size (mm) 222.0	Act Top (mKB) 2,113.00	Act Btm (mKB) 2,574.00

Wellhead

Type
DT-2 CSG HEAD

Des CASING HEAD	Make WEATHERFORD	Model K2D P.N.-611928	SN 43822688-1	WP Top (kPa) 34,500
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Type
DT-2 DRILLING SPOOL

Des	Make	Model	SN	WP Top (kPa)
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Last Mud Check

Date	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	Gel (10s) (Pa)	Gel (10m) (Pa)	PV OR (Pa*s)	YP OR (Pa)
11/11/2012	Polymer	2,475.00	1,580.0	82	6.500	12.500	0.0	22.500

Casing

Casing Description Intermediate 2	Run Date 13/11/2012 00:00	Set Depth (mKB) 2,268.00	Wellbore Sidetrack 1					
Centralizers 40x 8.25" Stand off bands, 60x 8.5" stand off bands, 41x Semi-rigid centralizers	Scratchers n/a							
Jts	Item Des	OD (mm)	ID (mm)	Wt (kg/m)	Grade	Len (m)	Top (mKB)	Btm (mKB)
0	Double pin #2	177.8	157.1	43.157	L-80	0.00	7.66	7.66
1	Landing jt w/ Mandrel #2, 8.83m f/ top to mandrel	177.8	157.1	43.157	L-80	2.03	7.66	9.69
0	Landing jt w/ Mandrel #1, 9.02m f/ top to mandrel	177.8	157.1	43.157	L-80	0.00	9.69	9.69
1	Casing Pup Joint A	177.8	157.1	43.157	L-80	7.10	9.69	16.79
16	Casing Joints	177.8	157.1	43.157	L-80	2,205.98	16.79	2,222.77
2	Float Collar plus jt	177.8	157.1	43.157	L-80	28.92	2,222.77	2,251.69
1	Casing Joints	177.8	157.1	43.157	L-80	13.77	2,251.69	2,265.46
1	Float Collar	177.8	157.1	43.157	L-80	0.45	2,265.46	2,265.91
1	Stubby Landing Tool	177.8	157.1	43.157	L-80	2.09	2,265.91	2,268.00

Cement: Intermediate #2 Casing Cement

Cementing Start Date 14/11/2012	Cementing End Date 14/11/2012	Wellbore Sidetrack 1
Evaluation Method Returns to Surface	Cement Evaluation Results Full returns throughout job.	

Comment
CEMENT 177.8MM INTERMEDIATE CASING
PREFLUSH:
3M3 PREFLUSH (1600 KG/M3),
LEAD:
19.1M3 (18.3 TONNES) HALCEM G (1665 KG/M3) + 0.2% HR-5 + 0.5% HALAD 567 + 1.6% GEL F/ 600-1340M.
TAIL - 24.3M3 (32 TONNES) HALCEM G (1895 KG/M3) + 0.3% HR-5 + 0.5% HALAD 567 F/1340-2268M.
DISPLACE W/ 43.4M3 DRILLING MUD.
BUMP PLUG W/ 3500 KPA ABOVE FINAL CIRCULATING PRESSURE. PRESSURE TEST CASING TO 34,500 KPA FOR 10 MIN.
BLEED PRESSURE. FLOATS HELD, NO FALLBACK. FULL RETURNS. EST. TOC (INCLUDING EXCESS) - 60M

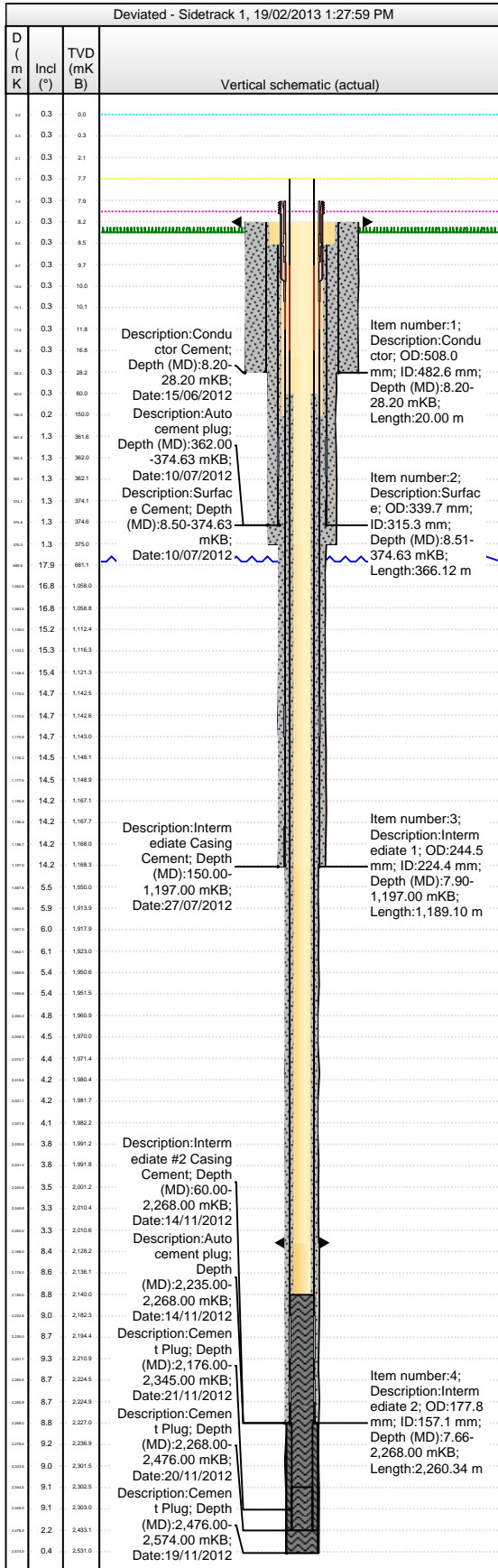


Casing, Liner and Cement report

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

Intermediate 2

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45



Cement Stage: Intermediate #2 Casing Cement

Top Depth (mKB) 60.00	Bottom Depth (mKB) 2,268.00	Full Return? Yes	Vol Ceme... 0.00	Top Plug? Yes	Bottom Plug? No
Q Pump Init (m³/min) 1.000	Final Pump Rate (m³/min) 1.000	Avg Pump Rate (m³/min) 1.000	P Pump Final (kPa) 11,500	P Plug Bump (kPa) 15,000	
Pipe Reciprocated? No	Stroke (m)	Reciprocation Rate (spm)	Pipe Rotated? No	Pipe RPM (rpm)	
Tagged Depth (mKB) 2,235.00	Tag Method Drill Bit	Depth Plug Drilled Out... 2,278.00	Drill Out Diameter (mm) 155.6	Drill Out Date 15/11/2012	

Cement Fluid: Intermediate #2 Casing Cement

Fluid Type Lead	Fluid Description HAL CEM G	Amount (1... 18.3	Class G	Volume Pumped (m³) 19.10
Estimated Top (mKB) 60.00	Est Btm (mKB) 1,340.00	Yield (m³/tonne) 1.040	Mix H2O Ratio (m³/tonne) 0.70	Free Water (%)
Density (kg/m³) 1,665.0	Plastic Viscosity (Pa*s)	Thickening Time (hr) 2.80	1st Compressive Strength (kPa) 3,500	

Cement Fluid Additives

Add	Type	Conc
Bentonite	Gel	1.6
Retarder	Halad 567	0.5
Fluid Loss Control	HR-5	0.2

Cement Fluid: Intermediate #2 Casing Cement

Fluid Type Tail	Fluid Description HAL CEM G	Amount (1... 32.0	Class G	Volume Pumped (m³) 24.30
Estimated Top (mKB) 1,340.00	Est Btm (mKB) 2,268.00	Yield (m³/tonne) 0.760	Mix H2O Ratio (m³/tonne) 0.44	Free Water (%)
Density (kg/m³) 1,895.0	Plastic Viscosity (Pa*s)	Thickening Time (hr) 3.50	1st Compressive Strength (kPa) 3,500	

Cement Fluid Additives

Add	Type	Conc
Retarder	Halad 567	0.5
Fluid Loss Control	HR-5	0.3



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 21/06/2012, **Report #** 1.0, **DFS:** -4.47

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 0.00	End Depth (mKB) 0.00	Depth Progress (m)	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 29/06/2012, **Report #** 2.0, **DFS:** -2.85

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 0.00	End Depth (mKB) 0.00	Depth Progress (m)	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BENTONITE	SX		29/06/2012	400.0	94.0		306.0		
DETERGENT	PAIS		29/06/2012	16.0			16.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 30/06/2012, **Report #** 3.0, **DFS:** -1.85

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 0.00	End Depth (mKB) 0.00	Depth Progress (m)	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
17:00			1,020.0	55						9.0	

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
SODA ASH	SX		30/06/2012	30.0	5.0		25.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date: 01/07/2012, Report # 4.0, DFS: -0.85**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 0.00	End Depth (mKB) 0.00	Depth Progress (m)	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
00:00	Gel-Chem	0.00	1,020.0	85	0.0	18.000	7.000			8.0	

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		01/07/2012	64.0			64.0		
ALKAPAM 1103	SX		01/07/2012	40.0	6.0		34.0		
BARITE	SX		01/07/2012	84.0			84.0		
BARITE	SX		01/07/2012	798.0			882.0		
BENTONITE	SX		01/07/2012		106.0		200.0		
CAL CARB SUPERCAL	SX		01/07/2012	56.0			56.0		
CALCIUM CARBONATE 0	SX		01/07/2012	56.0			56.0		
CALCIUM CARBONATE M-325	SX		01/07/2012	112.0			112.0		
CAUSTIC SODA	SX		01/07/2012	30.0			30.0		
CAUSTIC SODA	SX		01/07/2012	30.0			60.0		
CELL-O-FLAKE 3/8	SX		01/07/2012	50.0			50.0		
CITRIC ACID	SX		01/07/2012	40.0			40.0		
DEFOAM X	PAISLS		01/07/2012	45.0			45.0		
DESCO CF	SX		01/07/2012	64.0			64.0		
DETERGENT	PAISLS		01/07/2012	16.0			32.0		
ENVIROFLOC	SX		01/07/2012	40.0			40.0		
ENVIROFLOC	SX		01/07/2012	40.0	55.0		25.0		
ENVIROPLUG MEDIUM	SX		01/07/2012	60.0			60.0		
FED PAC R	SX		01/07/2012	15.0			15.0		
FED PAC R	SX		01/07/2012	35.0			50.0		
FED PAC UL	SX		01/07/2012	15.0			15.0		
FED SEAL	SX		01/07/2012	50.0			50.0		
FED SEAL	SX		01/07/2012	100.0			150.0		
KELZAN XCD POLYMER	SX		01/07/2012		2.0		-2.0		
KELZAN XCD POLYMER	SX		01/07/2012	120.0			118.0		
LIGNITE	SX		01/07/2012	42.0			42.0		
LIME	SX		01/07/2012	20.0			20.0		
M-I-X II FINE	SX		01/07/2012	80.0			80.0		
M-I-X II MEDIUM	SX		01/07/2012	80.0			80.0		
POLYPLUS LV	SX		01/07/2012	60.0			60.0		
POTASSIUM HYDROXIDE	SX		01/07/2012	96.0			96.0		
RING FREE	PAISLS		01/07/2012	32.0	1.0		31.0		
SAPP	SX		01/07/2012	40.0	1.0		39.0		
SAWDUST	SX		01/07/2012	600.0			600.0		
SAWDUST	SX		01/07/2012	360.0			960.0		
SOAP STICK	EACH		01/07/2012	63.0			63.0		
SODA ASH	SX		01/07/2012	28.0			53.0		
SODIUM BICARBONATE	SX		01/07/2012		3.0		-3.0		
SODIUM BICARBONATE	SX		01/07/2012	49.0			46.0		
SOLTEX	SX		01/07/2012	40.0			40.0		
SULFAMIC ACID	SX		01/07/2012		1.0		-1.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 Report Date: 01/07/2012, Report # 4.0, DFS: -0.85

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
SULFAMIC ACID	SX		01/07/2012	40.0			39.0		
TKPP	SX		01/07/2012	20.0			20.0		
WALNUT PLUG FINE	SX		01/07/2012	50.0			50.0		
WALNUT PLUG MEDIUM	SX		01/07/2012	38.0			38.0		
WALNUT PLUG MEDIUM	SX		01/07/2012	40.0			78.0		
ZETAG 7557	SX		01/07/2012	36.0			36.0		
ZETAG 7587 (PERCOL 787)	SX		01/07/2012	36.0			36.0		
ZETAG 7692	SX		01/07/2012	36.0			36.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 02/07/2012, **Report #** 5.0, **DFS:** 0.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 0.00	End Depth (mKB) 0.00	Depth Progress (m)	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
00:00	Gel-Chem	0.00	1,020.0	85	0.0	18.000	7.000			8.0	

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)



Daily Mud

Report Date: 03/07/2012, Report # 6.0, DFS: 1.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 0.00	End Depth (mKB) 0.00	Depth Progress (m)	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
00:00	Gel-Chem	70.00	1,030.0	80	0.0	17.500	8.000	14.000	10.0	8.5	2.0
23:45	GEL/CHEM	75.00	1,030.0	80						8.5	

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BENTONITE	SX		03/07/2012		23.0		177.0		
BENTONITE	SX		03/07/2012	400.0			577.0		
DEFOAM X	PAISLS		03/07/2012		1.0		44.0		
FED PAC R	SX		03/07/2012		3.0		47.0		
FED PAC R	SX		03/07/2012	50.0			97.0		
FED SEAL	SX		03/07/2012		16.0		134.0		
KELZAN XCD POLYMER	SX		03/07/2012		2.0		116.0		
KELZAN XCD POLYMER	SX		03/07/2012	80.0			196.0		
SAWDUST	SX		03/07/2012		12.0		948.0		
SAWDUST	SX		03/07/2012		43.0		905.0		
SAWDUST	SX		03/07/2012	300.0			1,205.0		
SODA ASH	SX		03/07/2012		10.0		43.0		
SODIUM BICARBONATE	SX		03/07/2012		4.0		42.0		
SODIUM BICARBONATE	SX		03/07/2012		16.0		26.0		
SULFAMIC ACID	SX		03/07/2012		2.0		37.0		
SULFAMIC ACID	SX		03/07/2012		4.0		33.0		
SUPER SWEEP	SX		03/07/2012	10.0			10.0		
WALNUT PLUG MEDIUM	SX		03/07/2012		6.0		72.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 04/07/2012, **Report #** 7.0, **DFS:** 2.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 74.00	End Depth (mKB) 155.00	Depth Progress (m) 81.00	Drilling Hours (hr) 6.75	Avg ROP (m/hr) 12.0	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
20:00	Gel Chem	155.00	1,070.0	120	0.0	23.500	11.000	22.500	9.0	8.5	4.4

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BENTONITE	SX		04/07/2012		149.0		428.0		
BENTONITE	SX		04/07/2012		34.0		394.0		
CAL CARB SUPERCAL	SX		04/07/2012		8.0		48.0		
DETERGENT	PAISLS		04/07/2012		2.0		30.0		
FED SEAL	SX		04/07/2012		31.0		103.0		
FED SEAL	SX		04/07/2012		4.0		99.0		
KELZAN XCD POLYMER	SX		04/07/2012		8.0		188.0		
KELZAN XCD POLYMER	SX		04/07/2012		4.0		184.0		
M-I-X II MEDIUM	SX		04/07/2012				80.0		
SAWDUST	SX		04/07/2012		94.0		1,111.0		
SAWDUST	SX		04/07/2012		34.0		1,077.0		
SODA ASH	SX		04/07/2012		6.0		37.0		
SULFAMIC ACID	SX		04/07/2012		4.0		29.0		
WALNUT PLUG MEDIUM	SX		04/07/2012		16.0		56.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date: 05/07/2012, Report # 8.0, DFS: 3.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 155.00	End Depth (mKB) 155.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
20:00	Gel-Chem	228.00	1,095.0	98	0.0	22.500	10.000	21.000	8.0	8.5	5.6

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BENTONITE	SX		05/07/2012		35.0		359.0		
DETERGENT	PAILS		05/07/2012		3.0		27.0		
FED SEAL	SX		05/07/2012		5.0		94.0		
KELZAN XCD POLYMER	SX		05/07/2012		1.0		183.0		
SAWDUST	SX		05/07/2012		69.0		1,008.0		
WALNUT PLUG FINE	SX		05/07/2012				50.0		



Daily Mud

Report Date: 06/07/2012, Report # 9.0, DFS: 4.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 237.00	End Depth (mKB) 297.00	Depth Progress (m) 60.00	Drilling Hours (hr) 16.00	Avg ROP (m/hr) 3.8	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
22:45	GEL/CHEM	285.00	1,130.0	113	0.0	25.000	11.000	16.000	7.5	8.5	8.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BENTONITE	SX		06/07/2012		32.0		327.0		
KELZAN XCD POLYMER	SX		06/07/2012		3.0		180.0		
RING FREE	PAILS		06/07/2012		4.0		27.0		
SAWDUST	SX		06/07/2012		15.0		993.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 07/07/2012, **Report #** 10.0, **DFS:** 5.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 297.00	End Depth (mKB) 377.00	Depth Progress (m) 80.00	Drilling Hours (hr) 13.50	Avg ROP (m/hr) 5.9	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
14:00	GEL/CHEM	377.00	1,190.0	122	0.0	25.000	10.000	20.000	7.5	8.5	11.5
14:15	GEL CHEM	377.00	1,190.0	125						8.5	

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
RING FREE	PAILS		07/07/2012		3.0		24.0		
SAWDUST	SX		07/07/2012		16.0		977.0		
SAWDUST	SX		07/07/2012		12.0		965.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 08/07/2012, **Report #** 11.0, **DFS:** 6.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 377.00	End Depth (mKB) 377.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
14:15	GEL CHEM	377.00	1,180.0	98	0.0	22.500	8.000	15.000	7.5	8.5	11.2

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 09/07/2012, **Report #** 12.0, **DFS:** 7.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 377.00	End Depth (mKB) 377.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
14:15	GEL CHEM	377.00	1,175.0	47	0.0	6.000	2.000	3.000	7.5	8.5	11.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
DESCO CF	SX		09/07/2012		4.0		60.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 10/07/2012, **Report #** 13.0, **DFS:** 8.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 377.00	End Depth (mKB) 377.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 11/07/2012, **Report #** 14.0, **DFS:** 9.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 377.00	End Depth (mKB) 377.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks											
Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)

Mud Volume (Additions and Losses)				
Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)				
Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts									
Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date: 12/07/2012, Report # 15.0, DFS: 10.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 377.00	End Depth (mKB) 377.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
21:30	POLYMER		1,020.0	50						8.5	

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		12/07/2012	378.0			1,260.0		
CAL CARB SUPERCAL	SX		12/07/2012	56.0	5.0		99.0		
CALCIUM CARBONATE 0	SX		12/07/2012	56.0	14.0		98.0		
FED PAC R	SX		12/07/2012		6.0		91.0		
KELZAN XCD POLYMER	SX		12/07/2012		6.0		174.0		
KELZAN XCD POLYMER	SX		12/07/2012				174.0		
LIGNITE	SX		12/07/2012		6.0		36.0		
SODA ASH	SX		12/07/2012		6.0		31.0		
SODA ASH	SX		12/07/2012		3.0		28.0		
SODA ASH	SX		12/07/2012	20.0			48.0		
SODIUM BICARBONATE	SX		12/07/2012		6.0		20.0		
SODIUM BICARBONATE	SX		12/07/2012	20.0	1.0		39.0		
WALNUT PLUG MEDIUM	SX		12/07/2012	50.0	9.0		97.0		



Daily Mud

Report Date: 13/07/2012, Report # 16.0, DFS: 11.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 377.00	End Depth (mKB) 379.00	Depth Progress (m) 2.00	Drilling Hours (hr) 1.00	Avg ROP (m/hr) 2.0	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
18:45	POLYMER	379.00	1,135.0	50						8.0	

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
FED PAC R	SX		13/07/2012		1.0		90.0		
FED PAC R	SX		13/07/2012		1.0		89.0		
KELZAN XCD POLYMER	SX		13/07/2012		1.0		173.0		
KELZAN XCD POLYMER	SX		13/07/2012		1.0		172.0		



Daily Mud

Report Date: 14/07/2012, Report # 17.0, DFS: 12.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 379.00	End Depth (mKB) 511.00	Depth Progress (m) 132.00	Drilling Hours (hr) 13.00	Avg ROP (m/hr) 10.2	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
12:00	POLYMER	497.00	1,040.0	52	0.0	13.500	3.000	4.500	7.5	9.0	1.7

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
DESCO CF	SX		14/07/2012		2.0		58.0		
FED PAC R	SX		14/07/2012		1.0		88.0		
FED PAC R	SX		14/07/2012		5.0		83.0		
KELZAN XCD POLYMER	SX		14/07/2012		1.0		171.0		
KELZAN XCD POLYMER	SX		14/07/2012		5.0		166.0		
LIGNITE	SX		14/07/2012				36.0		
SAWDUST	SX		14/07/2012		15.0		950.0		



Daily Mud

Report Date: 15/07/2012, Report # 18.0, DFS: 13.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 511.00	End Depth (mKB) 668.00	Depth Progress (m) 157.00	Drilling Hours (hr) 19.25	Avg ROP (m/hr) 8.2	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
20:30	POLYMER	651.00	1,070.0	46	0.0	12.500	3.500	6.500	8.0	9.5	2.2

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
CAUSTIC SODA	SX		15/07/2012		2.0		58.0		
DESCO CF	SX		15/07/2012		3.0		55.0		
FED PAC R	SX		15/07/2012				83.0		
FED PAC R	SX		15/07/2012				83.0		
KELZAN XCD POLYMER	SX		15/07/2012		5.0		161.0		
KELZAN XCD POLYMER	SX		15/07/2012		3.0		158.0		
LIGNITE	SX		15/07/2012		1.0		35.0		
LIGNITE	SX		15/07/2012		3.0		32.0		
SAWDUST	SX		15/07/2012		88.0		862.0		
SAWDUST	SX		15/07/2012		4.0		858.0		
SODA ASH	SX		15/07/2012				48.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date: 16/07/2012, Report # 19.0, DFS: 14.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 668.00	End Depth (mKB) 862.00	Depth Progress (m) 194.00	Drilling Hours (hr) 18.25	Avg ROP (m/hr) 10.6	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
20:30	POLYMER	840.00	1,120.0	42	0.0	13.000	4.000	6.000	8.0	9.0	2.9

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		16/07/2012		1.0		63.0		
ALCOMER 120 LOS	SX		16/07/2012		1.0		62.0		
ALCOMER 120 LOS	SX		16/07/2012		2.0		60.0		
ALKAPAM 1103	SX		16/07/2012	20.0	3.0		51.0		
BARITE	SX		16/07/2012	336.0			1,596.0		
BARITE	SX		16/07/2012	546.0			2,142.0		
CAUSTIC SODA	SX		16/07/2012		5.0		53.0		
DESCO CF	SX		16/07/2012		1.0		54.0		
DESCO CF	SX		16/07/2012		1.0		53.0		
ENVIROFLOC	SX		16/07/2012	80.0			105.0		
FED PAC R	SX		16/07/2012		2.0		81.0		
KELZAN XCD POLYMER	SX		16/07/2012		4.0		154.0		
KELZAN XCD POLYMER	SX		16/07/2012		2.0		152.0		
LIGNITE	SX		16/07/2012		2.0		30.0		
SAWDUST	SX		16/07/2012		3.0		855.0		
SAWDUST	SX		16/07/2012		4.0		851.0		
SODA ASH	SX		16/07/2012		1.0		47.0		
SODA ASH	SX		16/07/2012		1.0		46.0		



Daily Mud

Well Name: **Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23** Report Date: **17/07/2012, Report # 20.0, DFS: 15.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 862.00	End Depth (mKB) 881.00	Depth Progress (m) 19.00	Drilling Hours (hr) 4.50	Avg ROP (m/hr) 4.2	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
08:15	POLYMER	881.00	1,130.0	44	0.0	14.000	3.500	5.000	7.5	9.0	3.4

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
CAUSTIC SODA	SX		17/07/2012		2.0		51.0		
DESCO CF	SX		17/07/2012		3.0		50.0		
FED PAC R	SX		17/07/2012		1.0		80.0		
KELZAN XCD POLYMER	SX		17/07/2012		2.0		150.0		
LIGNITE	SX		17/07/2012		1.0		29.0		
SAWDUST	SX		17/07/2012		4.0		847.0		



Daily Mud

Well Name: **Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23** Report Date: **18/07/2012, Report # 21.0, DFS: 16.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 881.00	End Depth (mKB) 983.00	Depth Progress (m) 102.00	Drilling Hours (hr) 14.50	Avg ROP (m/hr) 7.0	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
08:00	POLYMER	888.00	1,160.0	42	0.0	13.000	4.000	7.500	7.0	8.5	9.8

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		18/07/2012		1.0		59.0		
CAUSTIC SODA	SX		18/07/2012		1.0		50.0		
DESCO CF	SX		18/07/2012		2.0		48.0		
FED PAC R	SX		18/07/2012		2.0		78.0		
KELZAN XCD POLYMER	SX		18/07/2012		1.0		149.0		
KELZAN XCD POLYMER	SX		18/07/2012		2.0		147.0		
SAWDUST	SX		18/07/2012		7.0		840.0		
TKPP	SX		18/07/2012		1.0		19.0		



Daily Mud

Report Date: 19/07/2012, Report # 22.0, DFS: 17.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 983.00	End Depth (mKB) 1,111.00	Depth Progress (m) 58.00	Drilling Hours (hr) 16.00	Avg ROP (m/hr) 3.6	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
08:30	POLYMER	1,030.00	1,150.0	40	0.0	12.500	3.500	5.500	8.0	9.0	4.6

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		19/07/2012		1.0		58.0		
CAUSTIC SODA	SX		19/07/2012		4.0		46.0		
FED PAC R	SX		19/07/2012		3.0		75.0		
FED PAC R	SX		19/07/2012		1.0		74.0		
KELZAN XCD POLYMER	SX		19/07/2012		1.0		146.0		
KELZAN XCD POLYMER	SX		19/07/2012		2.0		144.0		
LIGNITE	SX		19/07/2012		3.0		26.0		
LIGNITE	SX		19/07/2012		1.0		25.0		
SAWDUST	SX		19/07/2012		6.0		834.0		
SAWDUST	SX		19/07/2012		3.0		831.0		
TKPP	SX		19/07/2012		4.0		15.0		
TKPP	SX		19/07/2012		1.0		14.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date: 20/07/2012, Report # 23.0, DFS: 18.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,111.00	End Depth (mKB) 1,197.00	Depth Progress (m) 86.00	Drilling Hours (hr) 18.00	Avg ROP (m/hr) 4.8	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
07:00	POLYMER	1,132.00	1,150.0	43	0.0	12.000	4.000	6.500	8.0	8.5	4.1

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		20/07/2012	462.0			2,604.0		
CAUSTIC SODA	SX		20/07/2012		1.0		45.0		
DESCO CF	SX		20/07/2012		8.0		40.0		
FED PAC R	SX		20/07/2012		3.0		71.0		
FED PAC R	SX		20/07/2012		2.0		69.0		
FED PAC R	SX		20/07/2012	70.0			139.0		
KELZAN XCD POLYMER	SX		20/07/2012		1.0		143.0		
KELZAN XCD POLYMER	SX		20/07/2012		1.0		142.0		
LIGNITE	SX		20/07/2012		3.0		22.0		
LIME	SX		20/07/2012	50.0			70.0		
SAWDUST	SX		20/07/2012		2.0		829.0		
TKPP	SX		20/07/2012		1.0		13.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date: 21/07/2012, Report # 24.0, DFS: 19.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,197.00	End Depth (mKB) 1,197.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
07:00	POLYMER	1,197.00	1,200.0	48	0.0	15.000	4.000	6.500	8.0	8.5	4.1

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
KELZAN XCD POLYMER	SX		21/07/2012		3.0		139.0		



Daily Mud

Well Name: **Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23** Report Date: **22/07/2012, Report # 25.0, DFS: 20.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,197.00	End Depth (mKB) 1,197.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
15:20	POLYMER	1,197.00	1,200.0	79	0.0	21.500	5.500	10.000	7.0	9.5	8.9

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		22/07/2012		6.0		2,598.0		
BARITE	SX		22/07/2012		32.0		2,566.0		
KELZAN XCD POLYMER	SX		22/07/2012		4.0		135.0		
KELZAN XCD POLYMER	SX		22/07/2012		4.0		131.0		
TKPP	SX		22/07/2012		2.0		11.0		
TKPP	SX		22/07/2012		1.0		10.0		
WALNUT PLUG MEDIUM	SX		22/07/2012		3.0		94.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date:** 23/07/2012, Report # 26.0, DFS: 21.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,197.00	End Depth (mKB) 1,197.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
15:20	POLYMER	1,197.00	1,230.0	69	0.0	34.000	7.000	12.000	7.0	9.0	9.4

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
FED PAC R	SX		23/07/2012		10.0		129.0		
KELZAN XCD POLYMER	SX		23/07/2012		3.0		128.0		
KELZAN XCD POLYMER	SX		23/07/2012		10.0		118.0		

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Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date:** 24/07/2012, Report # 27.0, DFS: 22.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,197.00	End Depth (mKB) 1,197.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
00:45	POLYMER	1,197.00	1,260.0	69	0.0	34.000	8.500	17.000	7.0	9.0	10.2

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		24/07/2012		113.0		2,453.0		
BENTONITE	SX		24/07/2012		83.0		244.0		
KELZAN XCD POLYMER	SX		24/07/2012		4.0		114.0		
WALNUT PLUG MEDIUM	SX		24/07/2012		4.0		90.0		



Daily Mud

Well Name: **Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23** Report Date: **25/07/2012, Report # 28.0, DFS: 23.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,197.00	End Depth (mKB) 1,197.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
08:00	POLYMER	1,197.00	1,280.0	120	0.0	32.000	24.000	68.000	6.0	8.5	12.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BENTONITE	SX		25/07/2012		64.0		180.0		
KELZAN XCD POLYMER	SX		25/07/2012		10.0		104.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date:** 26/07/2012, **Report #** 29.0, **DFS:** 24.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,197.00	End Depth (mKB) 1,197.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
12:30	Gel-Chem	1,197.00	1,270.0	126	0.0	33.000	23.000	65.000	9.0	8.5	12.4

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		26/07/2012		20.0		2,433.0		
BENTONITE	SX		26/07/2012				180.0		
FED SEAL	SX		26/07/2012		2.0		92.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date:** 27/07/2012, Report # 30.0, DFS: 25.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,197.00	End Depth (mKB) 1,197.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
00:00			1,280.0	110							

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BENTONITE	SX		27/07/2012		9.0		171.0		
KELZAN XCD POLYMER	SX		27/07/2012		2.0		102.0		



Daily Mud

Report Date: 28/07/2012, Report # 31.0, DFS: 26.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,197.00	End Depth (mKB) 1,197.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BENTONITE	SX		28/07/2012	240.0			411.0		
CAUSTIC SODA	SX		28/07/2012				45.0		
DESCO CF	SX		28/07/2012		35.0		5.0		
ENVIROFLOC	SX		28/07/2012	40.0			145.0		
FED PAC R	SX		28/07/2012	35.0			164.0		
KELZAN XCD POLYMER	SX		28/07/2012	80.0			182.0		
SAPP	SX		28/07/2012		18.0		21.0		
SODA ASH	SX		28/07/2012		3.0		43.0		
SODA ASH	SX		28/07/2012	60.0			103.0		
TKPP	SX		28/07/2012	40.0			50.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date:** 29/07/2012, Report # 32.0, DFS: 27.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,197.00	End Depth (mKB) 1,197.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date:** 30/07/2012, Report # 33.0, DFS: 28.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,197.00	End Depth (mKB) 1,197.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
DEFOAM X	PAISL		30/07/2012		1.0		43.0		
SOLTEX	SX		30/07/2012		5.0		35.0		



Daily Mud

Report Date: 31/07/2012, Report # 34.0, DFS: 29.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,197.00	End Depth (mKB) 1,197.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:00			1,010.0	29						11.0	

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
SAPP	SX		31/07/2012		3.0		18.0		



Daily Mud

Well Name: **Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23** Report Date: **01/08/2012, Report # 35.0, DFS: 30.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,197.00	End Depth (mKB) 1,197.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
09:00	POLYMER	488.00	1,010.0	30						11.0	

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
CITRIC ACID	SX		01/08/2012		6.0		34.0		
DESCO CF	SX		01/08/2012		5.0		0.0		
SAPP	SX		01/08/2012		10.0		8.0		



Daily Mud

Report Date: 02/08/2012, Report # 36.0, DFS: 31.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,197.00	End Depth (mKB) 1,197.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
08:15		1,179.00	1,010.0	29						10.0	
23:00	Polymer	0.00	1,015.0	29						9.5	

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
CITRIC ACID	SX		02/08/2012		4.0		30.0		
SODA ASH	SX		02/08/2012		8.0		95.0		
SULFAMIC ACID	SX		02/08/2012		8.0		21.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date: 03/08/2012, Report # 37.0, DFS: 32.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,197.00	End Depth (mKB) 1,233.00	Depth Progress (m) 36.00	Drilling Hours (hr) 5.67	Avg ROP (m/hr) 6.4	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:30	POLYMER		1,120.0	42						9.5	
23:45	Polymer	1,230.00	1,125.0	42	0.0	10.500	5.000	6.000	10.0	10.0	4.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		03/08/2012		6.0		52.0		
ALKAPAM 1103	SX		03/08/2012		13.0		38.0		
BARITE	SX		03/08/2012		378.0		2,055.0		
BARITE	SX		03/08/2012		207.0		1,848.0		
BARITE	SX		03/08/2012		60.0		1,788.0		
BENTONITE	SX		03/08/2012		6.0		405.0		
CELL-O-FLAKE 3/8	SX		03/08/2012		6.0		44.0		
CITRIC ACID	SX		03/08/2012		4.0		26.0		
CITRIC ACID	SX		03/08/2012		1.0		25.0		
DEFOAM X	PAISLS		03/08/2012		7.0		36.0		
ENVIROFLOC	SX		03/08/2012		38.0		107.0		
FED PAC R	SX		03/08/2012		4.0		160.0		
FED PAC R	SX		03/08/2012		3.0		157.0		
KELZAN XCD POLYMER	SX		03/08/2012		4.0		178.0		
KELZAN XCD POLYMER	SX		03/08/2012		5.0		173.0		
KELZAN XCD POLYMER	SX		03/08/2012		11.0		162.0		
M-I-X II MEDIUM	SX		03/08/2012		18.0		62.0		
RING FREE	PAISLS		03/08/2012		1.0		23.0		
SODA ASH	SX		03/08/2012		10.0		85.0		
SODA ASH	SX		03/08/2012		10.0		75.0		
SODIUM BICARBONATE	SX		03/08/2012		12.0		27.0		
SULFAMIC ACID	SX		03/08/2012		3.0		18.0		
SUPER SWEEP	SX		03/08/2012		2.0		8.0		
WALNUT PLUG MEDIUM	SX		03/08/2012		40.0		50.0		
ZETAG 7692	SX		03/08/2012				36.0		



Daily Mud

Report Date: 04/08/2012, Report # 38.0, DFS: 33.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,233.00	End Depth (mKB) 1,360.00	Depth Progress (m) 127.00	Drilling Hours (hr) 19.00	Avg ROP (m/hr) 6.7	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
19:30	Polymer	1,330.00	1,100.0	45	0.0	12.500	5.000	6.000	8.0	10.0	4.0
23:30	POLYMER	1,359.00	1,110.0	48						9.5	

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		04/08/2012		1.0		51.0		
BARITE	SX		04/08/2012		44.0		1,744.0		
BARITE	SX		04/08/2012		124.0		1,620.0		
BENTONITE	SX		04/08/2012		4.0		401.0		
CITRIC ACID	SX		04/08/2012		2.0		23.0		
CITRIC ACID	SX		04/08/2012		3.0		20.0		
FED PAC R	SX		04/08/2012		1.0		156.0		
FED PAC R	SX		04/08/2012		6.0		150.0		
HYPERDRILL AF 247RD	SX		04/08/2012		1.0		-1.0		
HYPERDRILL AF 247RD	SX		04/08/2012		6.0		-7.0		
KELZAN XCD POLYMER	SX		04/08/2012		3.0		159.0		
KELZAN XCD POLYMER	SX		04/08/2012		3.0		156.0		
LIGNITE	SX		04/08/2012		4.0		18.0		
SODA ASH	SX		04/08/2012		4.0		71.0		
SOLTEX	SX		04/08/2012		24.0		11.0		
SOLTEX	SX		04/08/2012		10.0		1.0		
SULFAMIC ACID	SX		04/08/2012		3.0		15.0		
ZETAG 7692	SX		04/08/2012		11.0		25.0		



Daily Mud

Report Date: 05/08/2012, Report # 39.0, DFS: 34.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,360.00	End Depth (mKB) 1,405.00	Depth Progress (m) 45.00	Drilling Hours (hr) 6.00	Avg ROP (m/hr) 7.5	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
17:30	POLYMER	1,405.00	1,140.0	46	0.0	12.000	5.000	6.000	6.5	9.5	4.6

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		05/08/2012		168.0		1,452.0		
CITRIC ACID	SX		05/08/2012		4.0		16.0		
FED PAC R	SX		05/08/2012		4.0		146.0		
HYPERDRILL AF 247RD	SX		05/08/2012		2.0		-9.0		
KELZAN XCD POLYMER	SX		05/08/2012		4.0		152.0		
LIGNITE	SX		05/08/2012	56.0	3.0		71.0		
SODA ASH	SX		05/08/2012	-34.0	5.0		32.0		
SULFAMIC ACID	SX		05/08/2012		4.0		11.0		



Daily Mud

Report Date: 06/08/2012, Report # 40.0, DFS: 35.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,405.00	End Depth (mKB) 1,447.00	Depth Progress (m) 42.00	Drilling Hours (hr) 13.00	Avg ROP (m/hr) 3.2	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
19:00	Polymer	1,440.00	1,150.0	44	0.0	12.500	5.000	7.000	6.0	9.5	6.0
23:15	POLYMER		1,150.0	43						9.0	

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		06/08/2012		30.0		1,422.0		
CITRIC ACID	SX		06/08/2012		2.0		14.0		
DEFOAM X	PAISL		06/08/2012		1.0		35.0		
FED PAC R	SX		06/08/2012		6.0		140.0		
FED PAC UL	SX		06/08/2012				15.0		
HYPERDRILL AF 247RD	SX		06/08/2012		1.0		-10.0		
KELZAN XCD POLYMER	SX		06/08/2012		2.0		150.0		
KELZAN XCD POLYMER	SX		06/08/2012		1.0		149.0		
SODA ASH	SX		06/08/2012	17.0	5.0		44.0		
SULFAMIC ACID	SX		06/08/2012		3.0		8.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date: 07/08/2012, Report # 41.0, DFS: 36.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,447.00	End Depth (mKB) 1,486.00	Depth Progress (m) 39.00	Drilling Hours (hr) 12.75	Avg ROP (m/hr) 3.1	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:00	POLYMER	1,484.00	1,105.0	42						9.5	
23:00	Polymer	1,485.00	1,100.0	41	0.0	10.000	5.000	6.000	6.0	9.5	4.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		07/08/2012		1.0		50.0		
BARITE	SX		07/08/2012	210.0			1,632.0		
CAUSTIC SODA	SX		07/08/2012		1.0		44.0		
CITRIC ACID	SX		07/08/2012	80.0			94.0		
DEFOAM X	PAIS		07/08/2012	17.0			52.0		
DEFOAM X	PAIS		07/08/2012		1.0		51.0		
DESCO CF	SX		07/08/2012	80.0			80.0		
FED PAC R	SX		07/08/2012		7.0		133.0		
FED PAC R	SX		07/08/2012		6.0		127.0		
FED PAC UL	SX		07/08/2012				15.0		
FED PAC UL	SX		07/08/2012				15.0		
HYPERDRILL AF 247RD	SX		07/08/2012		2.0		-12.0		
HYPERDRILL AF 247RD	SX		07/08/2012	30.0	2.0		16.0		
LIGNITE	SX		07/08/2012		4.0		67.0		
SODA ASH	SX		07/08/2012	56.0	5.0		95.0		
SODIUM BICARBONATE	SX		07/08/2012	49.0	2.0		74.0		
SODIUM BICARBONATE	SX		07/08/2012		1.0		73.0		
SOLTEX	SX		07/08/2012	160.0	-15.0		176.0		
SULFAMIC ACID	SX		07/08/2012	40.0			48.0		
TKPP	SX		07/08/2012		10.0		40.0		
WALNUT PLUG FINE	SX		07/08/2012	50.0			100.0		
WALNUT PLUG MEDIUM	SX		07/08/2012	50.0			100.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date: 08/08/2012, Report # 42.0, DFS: 37.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,486.00	End Depth (mKB) 1,564.00	Depth Progress (m) 78.00	Drilling Hours (hr) 20.00	Avg ROP (m/hr) 3.9	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:00	POLYMER	1,561.00	1,100.0	41	0.0	9.500	5.000	6.000	7.0	9.0	4.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
CALCIUM CARBONATE 0	SX		08/08/2012		10.0		88.0		
CALCIUM CARBONATE M-325	SX		08/08/2012		10.0		102.0		
CAUSTIC SODA	SX		08/08/2012		1.0		43.0		
CAUSTIC SODA	SX		08/08/2012		1.0		42.0		
FED PAC R	SX		08/08/2012		2.0		125.0		
FED PAC R	SX		08/08/2012		4.0		121.0		
HYPERDRILL AF 247RD	SX		08/08/2012	20.0	2.0		34.0		
KELZAN XCD POLYMER	SX		08/08/2012		4.0		145.0		



Daily Mud

Well Name: **Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23** Report Date: **09/08/2012, Report # 43.0, DFS: 38.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,564.00	End Depth (mKB) 1,606.00	Depth Progress (m) 42.00	Drilling Hours (hr) 11.00	Avg ROP (m/hr) 3.8	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:00	POLYMER	1,606.00	1,125.0	42	0.0	10.000	5.000	6.000	7.0	9.5	6.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		09/08/2012		28.0		1,604.0		
CAUSTIC SODA	SX		09/08/2012		1.0		41.0		
CAUSTIC SODA	SX		09/08/2012		1.0		40.0		
CITRIC ACID	SX		09/08/2012		8.0		86.0		
FED PAC R	SX		09/08/2012		4.0		117.0		
LIGNITE	SX		09/08/2012		8.0		59.0		
LIGNITE	SX		09/08/2012		1.0		58.0		
SODA ASH	SX		09/08/2012		5.0		90.0		
SULFAMIC ACID	SX		09/08/2012		3.0		45.0		



Daily Mud

Report Date: 10/08/2012, Report # 44.0, DFS: 39.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,606.00	End Depth (mKB) 1,658.00	Depth Progress (m) 52.00	Drilling Hours (hr) 9.25	Avg ROP (m/hr) 5.6	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
22:00	Polymer	1,646.00	1,135.0	43	0.0	9.500	5.000	6.000	6.5	9.5	5.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		10/08/2012		1.0		49.0		
BARITE	SX		10/08/2012		20.0		1,584.0		
CAUSTIC SODA	SX		10/08/2012		2.0		38.0		
FED PAC R	SX		10/08/2012		4.0		113.0		
HR-2725 (H2S Scavenger)	BBL		10/08/2012	5.0			5.0		
KELZAN XCD POLYMER	SX		10/08/2012		3.0		142.0		
LIGNITE	SX		10/08/2012		8.0		50.0		



Daily Mud

Well Name: **Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23** Report Date: **11/08/2012, Report # 45.0, DFS: 40.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,659.00	End Depth (mKB) 1,704.00	Depth Progress (m) 45.00	Drilling Hours (hr) 10.50	Avg ROP (m/hr) 4.3	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:00	POLYMER	1,700.00	1,135.0	43	0.0	9.500	5.000	6.000	6.5	10.5	5.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		11/08/2012		30.0		1,554.0		
BIOCIDE	PAILS		11/08/2012	32.0	3.0		29.0		
CAUSTIC SODA	SX		11/08/2012		2.0		36.0		
CAUSTIC SODA	SX		11/08/2012		7.0		29.0		
DEFOAM X	PAILS		11/08/2012		1.0		50.0		
FED PAC R	SX		11/08/2012		2.0		111.0		
KELZAN XCD POLYMER	SX		11/08/2012				142.0		
KELZAN XCD POLYMER	SX		11/08/2012				142.0		
KELZAN XCD POLYMER	SX		11/08/2012		2.0		140.0		
LIGNITE	SX		11/08/2012		4.0		46.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date: 12/08/2012, Report # 46.0, DFS: 41.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,704.00	End Depth (mKB) 1,795.00	Depth Progress (m) 91.00	Drilling Hours (hr) 20.25	Avg ROP (m/hr) 4.5	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
22:00	POLYMER	1,790.00	1,120.0	45	0.0	10.000	5.000	6.000	6.5	10.5	4.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		12/08/2012		1.0		48.0		
BARITE	SX		12/08/2012		42.0		1,512.0		
BIOCIDE	PAISLS		12/08/2012		18.0		11.0		
CAUSTIC SODA	SX		12/08/2012		1.0		28.0		
CAUSTIC SODA	SX		12/08/2012		4.0		24.0		
FED PAC R	SX		12/08/2012		4.0		107.0		
FED PAC R	SX		12/08/2012		5.0		102.0		
KELZAN XCD POLYMER	SX		12/08/2012		1.0		139.0		
KELZAN XCD POLYMER	SX		12/08/2012		2.0		137.0		
LIGNITE	SX		12/08/2012		4.0		42.0		
LIGNITE	SX		12/08/2012		6.0		36.0		
SODA ASH	SX		12/08/2012		2.0		88.0		



Daily Mud

Report Date: 13/08/2012, Report # 47.0, DFS: 42.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,795.00	End Depth (mKB) 1,878.00	Depth Progress (m) 83.00	Drilling Hours (hr) 18.75	Avg ROP (m/hr) 4.4	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:00	POLYMER	1,875.00	1,120.0	43	0.0	10.000	5.000	6.000	6.5	10.5	4.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		13/08/2012		1.0		47.0		
BIOCIDE	PAISLS		13/08/2012		1.0		10.0		
CAUSTIC SODA	SX		13/08/2012				24.0		
CAUSTIC SODA	SX		13/08/2012		1.0		23.0		
FED PAC R	SX		13/08/2012		1.0		101.0		
FED PAC R	SX		13/08/2012		1.0		100.0		
KELZAN XCD POLYMER	SX		13/08/2012		1.0		136.0		
KELZAN XCD POLYMER	SX		13/08/2012		1.0		135.0		
LIGNITE	SX		13/08/2012		3.0		33.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date: 14/08/2012, Report # 48.0, DFS: 43.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,878.00	End Depth (mKB) 1,946.00	Depth Progress (m) 68.00	Drilling Hours (hr) 16.50	Avg ROP (m/hr) 4.1	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:00	POLYMER	1,942.00	1,120.0	41	0.0	9.500	4.000	5.000	6.5	10.5	4.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		14/08/2012		42.0		1,470.0		
BARITE	SX		14/08/2012		30.0		1,440.0		
CAUSTIC SODA	SX		14/08/2012		1.0		22.0		
CAUSTIC SODA	SX		14/08/2012		1.0		21.0		
FED PAC R	SX		14/08/2012		3.0		97.0		
FED PAC R	SX		14/08/2012		6.0		91.0		
LIGNITE	SX		14/08/2012		3.0		30.0		
LIGNITE	SX		14/08/2012		6.0		24.0		



Daily Mud

Report Date: 15/08/2012, Report # 49.0, DFS: 44.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,946.00	End Depth (mKB) 1,962.00	Depth Progress (m) 16.00	Drilling Hours (hr) 4.50	Avg ROP (m/hr) 3.6	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:30	POLYMER	1,962.00	1,120.0	41	0.0	9.000	4.000	5.000	7.0	10.5	4.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		15/08/2012		42.0		1,398.0		
CAUSTIC SODA	SX		15/08/2012		2.0		19.0		
CAUSTIC SODA	SX		15/08/2012		1.0		18.0		
FED PAC R	SX		15/08/2012		4.0		87.0		
FED PAC UL	SX		15/08/2012				15.0		
KELZAN XCD POLYMER	SX		15/08/2012		2.0		133.0		
KELZAN XCD POLYMER	SX		15/08/2012		1.0		132.0		
LIGNITE	SX		15/08/2012		3.0		21.0		



Daily Mud

Report Date: 16/08/2012, Report # 50.0, DFS: 45.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 1,962.00	End Depth (mKB) 2,019.00	Depth Progress (m) 57.00	Drilling Hours (hr) 20.00	Avg ROP (m/hr) 2.9	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
00:00	POLYMER	2,015.00	1,120.0	41	0.0	9.000	4.000	5.000	6.5	10.5	4.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BIOCIDE	PAIS		16/08/2012		1.0		9.0		
CAUSTIC SODA	SX		16/08/2012		2.0		16.0		
CAUSTIC SODA	SX		16/08/2012		1.0		15.0		
FED PAC R	SX		16/08/2012		21.0		66.0		
FED PAC R	SX		16/08/2012		12.0		54.0		
KELZAN XCD POLYMER	SX		16/08/2012		3.0		129.0		
KELZAN XCD POLYMER	SX		16/08/2012		6.0		123.0		
LIGNITE	SX		16/08/2012		3.0		18.0		
LIGNITE	SX		16/08/2012		3.0		15.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date:** 17/08/2012, **Report #** 51.0, **DFS:** 46.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,019.00	End Depth (mKB) 2,050.00	Depth Progress (m) 31.00	Drilling Hours (hr) 13.00	Avg ROP (m/hr) 2.4	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
15:30	POLYMER	2,050.00	1,120.0	41	0.0	9.000	4.000	5.000	6.5	10.5	4.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		17/08/2012		1.0		46.0		
ALCOMER 120 LOS	SX		17/08/2012		1.0		45.0		
BARITE	SX		17/08/2012		30.0		1,368.0		
CAUSTIC SODA	SX		17/08/2012		2.0		13.0		
CAUSTIC SODA	SX		17/08/2012		3.0		10.0		
DEFOAM X	PAIS		17/08/2012		2.0		48.0		
FED PAC R	SX		17/08/2012		3.0		51.0		
KELZAN XCD POLYMER	SX		17/08/2012		4.0		119.0		
KELZAN XCD POLYMER	SX		17/08/2012		4.0		115.0		



Daily Mud

Report Date: 18/08/2012, Report # 52.0, DFS: 47.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,050.00	End Depth (mKB) 2,052.00	Depth Progress (m) 2.00	Drilling Hours (hr) 4.00	Avg ROP (m/hr) 0.5	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
09:30	POLYMER	2,051.00	1,120.0	41	0.0	9.000	4.000	5.000	6.5	10.5	4.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		18/08/2012	336.0			1,704.0		
BIOCIDE	PAILS		18/08/2012	32.0	3.0		38.0		
CAUSTIC SODA	SX		18/08/2012		1.0		9.0		
FED PAC R	SX		18/08/2012		2.0		49.0		
FED PAC UL	SX		18/08/2012	70.0			85.0		
KELZAN XCD POLYMER	SX		18/08/2012		3.0		112.0		
LIGNITE	SX		18/08/2012		4.0		11.0		
LIGNITE	SX		18/08/2012	168.0			179.0		



Daily Mud

Report Date: 19/08/2012, Report # 53.0, DFS: 48.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,051.00	End Depth (mKB) 2,070.00	Depth Progress (m) 19.00	Drilling Hours (hr) 8.25	Avg ROP (m/hr) 2.3	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
09:30	POLYMER	2,064.00	1,130.0	40	0.0	9.000	4.000	5.000	7.0	10.0	5.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
CAUSTIC SODA	SX		19/08/2012		3.0		6.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date:** 20/08/2012, **Report #** 54.0, **DFS:** 49.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,070.00	End Depth (mKB) 2,070.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
21:45	POLYMER	2,069.00	1,140.0	40	0.0	9.000	4.000	5.500	6.5	9.5	5.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		20/08/2012		3.0		1,701.0		
CAUSTIC SODA	SX		20/08/2012		3.0		3.0		
KELZAN XCD POLYMER	SX		20/08/2012		1.0		111.0		
LIME	SX		20/08/2012		3.0		67.0		
ZETAG 7557	SX		20/08/2012		2.0		34.0		



Daily Mud

Report Date: 21/08/2012, Report # 55.0, DFS: 50.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,070.00	End Depth (mKB) 2,094.00	Depth Progress (m) 24.00	Drilling Hours (hr) 6.00	Avg ROP (m/hr) 4.0	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
21:45	POLYMER	2,075.00	1,140.0	40	0.0	9.500	4.500	5.500	6.5	10.0	5.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		21/08/2012		1.0		44.0		
BARITE	SX		21/08/2012		30.0		1,671.0		
BIOCIDE	PAISLS		21/08/2012		1.0		37.0		
CAUSTIC SODA	SX		21/08/2012	110.0	8.0		105.0		
FED PAC UL	SX		21/08/2012		3.0		82.0		
KELZAN XCD POLYMER	SX		21/08/2012		3.0		108.0		
LIME	SX		21/08/2012		10.0		57.0		
LIME	SX		21/08/2012		5.0		52.0		



Daily Mud

Well Name: **Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23** Report Date: **22/08/2012, Report # 56.0, DFS: 51.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,094.00	End Depth (mKB) 2,152.00	Depth Progress (m) 58.00	Drilling Hours (hr) 18.50	Avg ROP (m/hr) 3.1	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
07:15	POLYMER	2,108.00	1,120.0	44	0.0	10.500	4.000	5.000	5.5	10.0	4.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
CAUSTIC SODA	SX		22/08/2012		1.0		104.0		
CAUSTIC SODA	SX		22/08/2012		2.0		102.0		
FED PAC R	SX		22/08/2012		2.0		47.0		
HYPERDRILL AF 247RD	SX		22/08/2012		1.0		33.0		
KELZAN XCD POLYMER	SX		22/08/2012		2.0		106.0		
KELZAN XCD POLYMER	SX		22/08/2012		2.0		104.0		
LIME	SX		22/08/2012		5.0		47.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date:** 23/08/2012, **Report #** 57.0, **DFS:** 52.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,152.00	End Depth (mKB) 2,201.00	Depth Progress (m) 52.00	Drilling Hours (hr) 12.00	Avg ROP (m/hr) 4.3	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
07:15	POLYMER	2,168.00	1,130.0	44	0.0	10.500	4.000	5.500	5.0	10.5	5.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		23/08/2012		32.0		1,639.0		
BIOCIDE	PAISLS		23/08/2012		1.0		36.0		
CAUSTIC SODA	SX		23/08/2012		1.0		101.0		
FED PAC R	SX		23/08/2012		2.0		45.0		
HYPERDRILL AF 247RD	SX		23/08/2012		2.0		31.0		
KELZAN XCD POLYMER	SX		23/08/2012		1.0		103.0		
KI-3908	BBL		23/08/2012	1.0	1.0		0.0		
LIME	SX		23/08/2012		5.0		42.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date:** 24/08/2012, Report # 58.0, DFS: 53.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,201.00	End Depth (mKB) 2,201.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
10:00	POLYMER	2,168.00	1,130.0	44	0.0	10.500	4.000	5.500	5.0	10.5	5.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ENVIROFLOC	SX		24/08/2012		11.0		96.0		
HR-2725 (H2S Scavenger)	BBL		24/08/2012		1.0		4.0		

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Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date: 25/08/2012, Report # 59.0, DFS: 54.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,201.00	End Depth (mKB) 2,348.00	Depth Progress (m) 147.00	Drilling Hours (hr) 15.25	Avg ROP (m/hr) 9.6	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
06:15	POLYMER	2,209.00	1,150.0	44	0.0	8.500	3.500	4.500	7.5	10.0	6.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BIOCIDE	PAISLS		25/08/2012		1.0		35.0		
CAUSTIC SODA	SX		25/08/2012		2.0		99.0		
DEFOAM X	PAISLS		25/08/2012		4.0		44.0		
FED PAC R	SX		25/08/2012		4.0		41.0		
FED PAC R	SX		25/08/2012		2.0		39.0		
HYPERDRILL AF 247RD	SX		25/08/2012		1.0		30.0		
KELZAN XCD POLYMER	SX		25/08/2012		2.0		101.0		
KELZAN XCD POLYMER	SX		25/08/2012		1.0		100.0		
LIME	SX		25/08/2012		6.0		36.0		
LIME	SX		25/08/2012		1.0		35.0		
SODIUM BICARBONATE	SX		25/08/2012		1.0		72.0		
WALNUT PLUG MEDIUM	SX		25/08/2012		2.0		98.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date: 26/08/2012, Report # 60.0, DFS: 55.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,348.00	End Depth (mKB) 2,435.00	Depth Progress (m) 87.00	Drilling Hours (hr) 11.25	Avg ROP (m/hr) 7.7	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
14:30	POLYMER	2,434.00	1,140.0	46	0.0	10.500	3.500	5.000	5.5	10.5	5.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		26/08/2012		62.0		1,577.0		
BIOCIDE	PAILS		26/08/2012		1.0		34.0		
BIOCIDE	PAILS		26/08/2012		1.0		33.0		
CAUSTIC SODA	SX		26/08/2012		1.0		98.0		
FED PAC R	SX		26/08/2012		2.0		37.0		
FED PAC R	SX		26/08/2012		2.0		35.0		
HYPERDRILL AF 247RD	SX		26/08/2012		1.0		29.0		
KELZAN XCD POLYMER	SX		26/08/2012		1.0		99.0		
KELZAN XCD POLYMER	SX		26/08/2012		1.0		98.0		
LIME	SX		26/08/2012		4.0		31.0		
WALNUT PLUG MEDIUM	SX		26/08/2012		3.0		95.0		



Daily Mud

Report Date: 27/08/2012, Report # 61.0, DFS: 56.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,435.00	End Depth (mKB) 2,442.00	Depth Progress (m) 7.00	Drilling Hours (hr) 3.75	Avg ROP (m/hr) 1.9	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
10:30	POLYMER	2,440.00	1,155.0	51	0.0	11.500	4.000	5.500	5.6	10.5	6.3

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		27/08/2012		1.0		43.0		
BARITE	SX		27/08/2012		62.0		1,515.0		
CAL CARB SUPERCAL	SX		27/08/2012				99.0		
FED PAC R	SX		27/08/2012		3.0		32.0		
HYPERDRILL AF 247RD	SX		27/08/2012		2.0		27.0		
KELZAN XCD POLYMER	SX		27/08/2012		1.0		97.0		
SAWDUST	SX		27/08/2012		2.0		827.0		
WALNUT PLUG MEDIUM	SX		27/08/2012		2.0		93.0		



Daily Mud

Report Date: 28/08/2012, Report # 62.0, DFS: 57.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,442.00	End Depth (mKB) 2,527.00	Depth Progress (m) 85.00	Drilling Hours (hr) 12.00	Avg ROP (m/hr) 7.1	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
09:30	POLYMER	2,450.00	1,160.0	49	0.0	10.500	4.000	5.500	6.1	10.0	6.4

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		28/08/2012		126.0		1,389.0		
CAUSTIC SODA	SX		28/08/2012		1.0		97.0		
FED PAC R	SX		28/08/2012		5.0		27.0		
FED PAC UL	SX		28/08/2012		3.0		79.0		
KELZAN XCD POLYMER	SX		28/08/2012		4.0		93.0		
LIME	SX		28/08/2012		3.0		28.0		
WALNUT PLUG MEDIUM	SX		28/08/2012		2.0		91.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date: 29/08/2012, Report # 63.0, DFS: 58.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,553.00	End Depth (mKB) 2,582.00	Depth Progress (m) 29.00	Drilling Hours (hr) 7.00	Avg ROP (m/hr) 4.1	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
17:15	POLYMER	2,581.00	1,220.0	57						10.5	

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		29/08/2012		3.0		40.0		
ALCOMER 120 LOS	SX		29/08/2012		1.0		39.0		
BARITE	SX		29/08/2012		30.0		1,359.0		
BIOCIDE	PAIS		29/08/2012		1.0		32.0		
BIOCIDE	PAIS		29/08/2012		1.0		31.0		
CAUSTIC SODA	SX		29/08/2012		2.0		95.0		
FED PAC R	SX		29/08/2012		2.0		25.0		
FED PAC UL	SX		29/08/2012		5.0		74.0		
KELZAN XCD POLYMER	SX		29/08/2012		2.0		91.0		
KELZAN XCD POLYMER	SX		29/08/2012		1.0		90.0		
LIME	SX		29/08/2012		8.0		20.0		
WALNUT PLUG MEDIUM	SX		29/08/2012		2.0		89.0		
WALNUT PLUG MEDIUM	SX		29/08/2012		4.0		85.0		



Daily Mud

Well Name: **Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23** Report Date: **30/08/2012, Report # 64.0, DFS: 59.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,582.00	End Depth (mKB) 2,582.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:00	POLYMER	2,282.00	1,250.0	56	0.0	17.000	5.000	8.500	5.8	10.5	11.0
23:45	POLYMER	2,480.00	1,235.0	56						10.5	

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		30/08/2012		2.0		37.0		
BARITE	SX		30/08/2012		35.0		1,324.0		
BIOCIDE	PAIS		30/08/2012		1.0		30.0		
DEFOAM X	PAIS		30/08/2012		1.0		43.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date:** 31/08/2012, **Report #** 65.0, **DFS:** 60.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,582.00	End Depth (mKB) 2,582.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:00	POLYMER		1,250.0	63			5.000	8.500		10.5	
	POLYMER	2,282.00	1,250.0	56	0.0	17.000	5.000	8.500	5.8	10.5	11.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		31/08/2012		1.0		36.0		
BARITE	SX		31/08/2012		210.0		1,114.0		
FED PAC R	SX		31/08/2012		2.0		23.0		
WALNUT PLUG MEDIUM	SX		31/08/2012		2.0		83.0		



Daily Mud

Report Date: 01/09/2012, Report # 66.0, DFS: 61.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,582.00	End Depth (mKB) 2,582.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
12:00	POLYMER	2,480.00	1,260.0	65	0.0	23.000	5.500	12.000	5.4	10.5	12.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		01/09/2012		1.0		35.0		
BIOCIDE	PAISLS		01/09/2012		3.0		27.0		
FED PAC R	SX		01/09/2012		5.0		18.0		
KELZAN XCD POLYMER	SX		01/09/2012		5.0		85.0		
LIME	SX		01/09/2012		5.0		15.0		
WALNUT PLUG MEDIUM	SX		01/09/2012		1.0		82.0		
WALNUT PLUG MEDIUM	SX		01/09/2012		5.0		77.0		
WALNUT PLUG MEDIUM	SX		01/09/2012		2.0		75.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date:** 02/09/2012, **Report #** 67.0, **DFS:** 62.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,582.00	End Depth (mKB) 2,582.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:30	POLYMER	2,480.00	1,285.0	84	0.0	23.000	5.500	12.000	5.4	10.5	12.0
23:30	POLYMER	2,562.00	1,285.0	84						10.5	

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		02/09/2012		168.0		946.0		
BENTONITE	SX		02/09/2012		15.0		386.0		
BIOCIDE	PAISL		02/09/2012		1.0		26.0		
CALCIUM CARBONATE 0	SX		02/09/2012		26.0		62.0		
CAUSTIC SODA	SX		02/09/2012		2.0		93.0		
CAUSTIC SODA	SX		02/09/2012		1.0		92.0		
FED PAC R	SX		02/09/2012		3.0		15.0		
FED PAC R	SX		02/09/2012		6.0		9.0		
FED PAC UL	SX		02/09/2012		3.0		71.0		
HYPERDRILL AF 247RD	SX		02/09/2012		3.0		24.0		
KELZAN XCD POLYMER	SX		02/09/2012		11.0		74.0		
KELZAN XCD POLYMER	SX		02/09/2012		6.0		68.0		
LIME	SX		02/09/2012		2.0		13.0		
SODA ASH	SX		02/09/2012		4.0		84.0		
WALNUT PLUG MEDIUM	SX		02/09/2012		2.0		73.0		
WALNUT PLUG MEDIUM	SX		02/09/2012		4.0		69.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date: 03/09/2012, Report # 68.0, DFS: 63.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,582.00	End Depth (mKB) 2,632.00	Depth Progress (m) 50.00	Drilling Hours (hr) 15.50	Avg ROP (m/hr) 3.2	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
20:30	POLYMER	2,624.00	1,280.0	93	0.0	28.500	8.000	13.000	4.5	10.5	12.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALPINE DRILL BEADS	SX		03/09/2012	420.0			420.0		
BARITE	SX		03/09/2012		30.0		916.0		
BIOCIDE	PAISLS		03/09/2012		1.0		25.0		
BIOCIDE	PAISLS		03/09/2012		2.0		23.0		
CAUSTIC SODA	SX		03/09/2012		2.0		90.0		
CAUSTIC SODA	SX		03/09/2012		2.0		88.0		
DEFOAM X	PAISLS		03/09/2012	90.0			133.0		
DESCO CF	SX		03/09/2012		3.0		77.0		
FED PAC R	SX		03/09/2012		2.0		7.0		
FED PAC UL	SX		03/09/2012		1.0		70.0		
KELZAN XCD POLYMER	SX		03/09/2012		5.0		63.0		
KELZAN XCD POLYMER	SX		03/09/2012		4.0		59.0		
LIGNITE	SX		03/09/2012		5.0		174.0		
LIME	SX		03/09/2012	100.0			113.0		
LUBE 945	bbf		03/09/2012	4.0			4.0		
MYACIDE GA25	PAISLS		03/09/2012	64.0			64.0		
RING FREE	PAISLS		03/09/2012		2.0		21.0		
RING FREE	PAISLS		03/09/2012		1.0		20.0		
SODA ASH	SX		03/09/2012		3.0		81.0		
TORQ-TROL	BBL		03/09/2012	4.0			4.0		
WALNUT PLUG MEDIUM	SX		03/09/2012		4.0		65.0		
WALNUT PLUG MEDIUM	SX		03/09/2012		4.0		61.0		
WALNUT PLUG MEDIUM	SX		03/09/2012		4.0		57.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date:** 04/09/2012, Report # 69.0, DFS: 64.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,632.00	End Depth (mKB) 2,632.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		04/09/2012	1,092.0			2,008.0		
DESCO CF	SX		04/09/2012		2.0		75.0		
WALNUT PLUG FINE	SX		04/09/2012		4.0		96.0		
WALNUT PLUG MEDIUM	SX		04/09/2012		23.0		34.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date: 05/09/2012, Report # 70.0, DFS: 65.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,632.00	End Depth (mKB) 2,632.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
22:00	POLYMER	2,494.00	1,300.0	83	0.0	27.500	11.000	15.000	5.0	10.5	13.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		05/09/2012		118.0		1,890.0		
BARITE	SX		05/09/2012		30.0		1,860.0		
BIOCIDE	PAISL		05/09/2012		1.0		22.0		
BIOCIDE	PAISL		05/09/2012		8.0		14.0		
CAUSTIC SODA	SX		05/09/2012		2.0		86.0		
FED PAC R	SX		05/09/2012		2.0		5.0		
KELZAN XCD POLYMER	SX		05/09/2012		1.0		58.0		
LIME	SX		05/09/2012		2.0		111.0		
LIME	SX		05/09/2012		15.0		96.0		
SODA ASH	SX		05/09/2012		3.0		78.0		



Daily Mud

Well Name: **Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23** Report Date: **06/09/2012, Report # 71.0, DFS: 66.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,632.00	End Depth (mKB) 2,632.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:45	Polymer	2,625.00	1,300.0	79	0.0	24.500	10.000	14.000	5.5	10.5	13.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		06/09/2012		84.0		1,776.0		
CAUSTIC SODA	SX		06/09/2012		1.0		85.0		
FED PAC R	SX		06/09/2012		2.0		3.0		
KELZAN XCD POLYMER	SX		06/09/2012		1.0		57.0		
SODA ASH	SX		06/09/2012		3.0		75.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date: 07/09/2012, Report # 72.0, DFS: 67.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,632.00	End Depth (mKB) 2,677.00	Depth Progress (m) 45.00	Drilling Hours (hr) 19.75	Avg ROP (m/hr) 2.3	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
22:00	POLYMER	2,675.00	1,280.0	62	0.0	23.500	10.000	14.000	6.5	10.5	12.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		07/09/2012		28.0		1,748.0		
BARITE	SX		07/09/2012		96.0		1,652.0		
FED PAC R	SX		07/09/2012		6.0		-3.0		
FED PAC R	SX		07/09/2012		2.0		-5.0		
KELZAN XCD POLYMER	SX		07/09/2012		6.0		51.0		
KELZAN XCD POLYMER	SX		07/09/2012		2.0		49.0		
LIME	SX		07/09/2012		15.0		81.0		
SODA ASH	SX		07/09/2012		3.0		72.0		



Daily Mud

Well Name: **Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23** Report Date: **08/09/2012, Report # 73.0, DFS: 68.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,677.00	End Depth (mKB) 2,714.00	Depth Progress (m) 37.00	Drilling Hours (hr) 15.75	Avg ROP (m/hr) 2.3	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
16:00	Polymer	2,714.00	1,275.0	72	0.0	25.000	10.000	14.000	5.5	10.5	12.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		08/09/2012		30.0		1,622.0		
FED PAC R	SX		08/09/2012		4.0		-9.0		
KELZAN XCD POLYMER	SX		08/09/2012		2.0		47.0		
KELZAN XCD POLYMER	SX		08/09/2012		2.0		45.0		
LIME	SX		08/09/2012		5.0		76.0		
LIME	SX		08/09/2012		5.0		71.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date:** 09/09/2012, **Report #** 74.0, **DFS:** 69.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,714.00	End Depth (mKB) 2,733.00	Depth Progress (m) 19.00	Drilling Hours (hr) 5.00	Avg ROP (m/hr) 3.8	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
22:00	POLYMER	2,729.00	1,300.0	88	0.0	31.000	15.000	20.000	6.0	10.5	14.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		09/09/2012		42.0		1,580.0		
BARITE	SX		09/09/2012		108.0		1,472.0		
DESCO CF	SX		09/09/2012		1.0		74.0		
FED PAC R	SX		09/09/2012		6.0		-15.0		
FED PAC R	SX		09/09/2012				-15.0		
KELZAN XCD POLYMER	SX		09/09/2012		2.0		43.0		
KELZAN XCD POLYMER	SX		09/09/2012		1.0		42.0		
SODA ASH	SX		09/09/2012		7.0		65.0		
SODA ASH	SX		09/09/2012		2.0		63.0		



Daily Mud

Well Name: **Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23** Report Date: **10/09/2012, Report # 75.0, DFS: 70.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,733.00	End Depth (mKB) 2,802.00	Depth Progress (m) 69.00	Drilling Hours (hr) 21.50	Avg ROP (m/hr) 3.2	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
21:00	POLYMER	2,797.00	1,300.0	78	0.0	27.000	13.000	16.000	6.0	10.5	14.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		10/09/2012		78.0		1,394.0		
DESCO CF	SX		10/09/2012		1.0		73.0		
FED PAC R	SX		10/09/2012		3.0		-18.0		
KELZAN XCD POLYMER	SX		10/09/2012		1.0		41.0		
SODA ASH	SX		10/09/2012		2.0		61.0		



Daily Mud

Report Date: 11/09/2012, Report # 76.0, DFS: 71.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,802.00	End Depth (mKB) 2,875.00	Depth Progress (m) 73.00	Drilling Hours (hr) 20.75	Avg ROP (m/hr) 3.5	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:00	POLYMER	2,872.00	1,300.0	94	0.0	30.500	14.000	22.000	6.0	10.5	14.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
DEFOAM X	PAISLS		11/09/2012		1.0		132.0		
DESCO CF	SX		11/09/2012		4.0		69.0		
DESCO CF	SX		11/09/2012		4.0		65.0		
FED PAC R	SX		11/09/2012		3.0		-21.0		
FED PAC R	SX		11/09/2012		-23.0		2.0		
LIGNITE	SX		11/09/2012		2.0		172.0		
LIME	SX		11/09/2012		10.0		61.0		
RING FREE	PAISLS		11/09/2012		1.0		19.0		



Daily Mud

Report Date: 12/09/2012, Report # 77.0, DFS: 72.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,875.00	End Depth (mKB) 2,921.00	Depth Progress (m) 46.00	Drilling Hours (hr) 13.75	Avg ROP (m/hr) 3.3	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
21:00	POLYMER	2,540.00	1,310.0	94	0.0	30.000	13.000	20.000	6.0	10.5	14.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		12/09/2012		30.0		1,364.0		
DEFOAM X	PAISLS		12/09/2012		1.0		131.0		
DESCO CF	SX		12/09/2012		6.0		59.0		
DESCO CF	SX		12/09/2012		4.0		55.0		
RING FREE	PAISLS		12/09/2012		9.0		10.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date:** 13/09/2012, **Report #** 78.0, **DFS:** 73.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,921.00	End Depth (mKB) 2,921.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
22:00	Polymer	2,505.00	1,315.0	103	0.0	33.500	15.000	25.000	6.0	10.5	15.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		13/09/2012		114.0		1,250.0		
BIOCIDE	PAISL		13/09/2012		11.0		3.0		
CAL CARB SUPERCAL	SX		13/09/2012			56.0	43.0		
CALCIUM CARBONATE M-325	SX		13/09/2012			56.0	46.0		
DETERGENT	PAISL		13/09/2012		1.0	16.0	10.0		
ENVIROPLUG MEDIUM	SX		13/09/2012			60.0	0.0		
FED SEAL	SX		13/09/2012			50.0	42.0		
SAWDUST	SX		13/09/2012			600.0	227.0		
SODIUM BICARBONATE	SX		13/09/2012			49.0	23.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date: 14/09/2012, Report # 79.0, DFS: 74.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,921.00	End Depth (mKB) 2,921.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:45	POLYMER	2,921.00	1,350.0	64	0.0	26.500	12.000	16.000	7.0	10.5	15.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		14/09/2012		1.0		34.0		
BARITE	SX		14/09/2012		84.0		1,166.0		
BARITE	SX		14/09/2012		126.0		1,040.0		
BARITE	SX		14/09/2012	546.0			1,586.0		
BARITE	SX		14/09/2012		210.0		1,376.0		
CAUSTIC SODA	SX		14/09/2012		2.0		83.0		
CAUSTIC SODA	SX		14/09/2012		1.0		82.0		
DEFOAM X	PAILS		14/09/2012		12.0		119.0		
FED PAC UL	SX		14/09/2012		1.0		69.0		
FED PAC UL	SX		14/09/2012		8.0		61.0		
KELZAN XCD POLYMER	SX		14/09/2012		1.0		40.0		
KELZAN XCD POLYMER	SX		14/09/2012		3.0		37.0		
KELZAN XCD POLYMER	SX		14/09/2012		1.0		36.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date: 15/09/2012, Report # 80.0, DFS: 75.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,921.00	End Depth (mKB) 2,964.00	Depth Progress (m) 43.00	Drilling Hours (hr) 17.00	Avg ROP (m/hr) 2.5	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:30	POLYMER	2,962.00	1,360.0	79	0.0	32.000	15.000	22.000	6.0	10.5	15.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		15/09/2012		15.0		1,361.0		
BARITE	SX		15/09/2012		319.0		1,042.0		
BARITE	SX		15/09/2012		30.0		1,012.0		
CAUSTIC SODA	SX		15/09/2012		1.0		81.0		
CAUSTIC SODA	SX		15/09/2012		9.0		72.0		
FED PAC UL	SX		15/09/2012		5.0		56.0		
FED PAC UL	SX		15/09/2012		12.0		44.0		
KELZAN XCD POLYMER	SX		15/09/2012		1.0		35.0		
KELZAN XCD POLYMER	SX		15/09/2012		18.0		17.0		
LIME	SX		15/09/2012		10.0		51.0		
WALNUT PLUG MEDIUM	SX		15/09/2012		8.0		26.0		
WALNUT PLUG MEDIUM	SX		15/09/2012		3.0		23.0		



Daily Mud

Report Date: 16/09/2012, Report # 81.0, DFS: 76.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,964.00	End Depth (mKB) 3,015.00	Depth Progress (m) 51.00	Drilling Hours (hr) 20.25	Avg ROP (m/hr) 2.5	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:00	Polymer	3,012.00	1,350.0	65	0.0	26.500	10.000	15.000	6.0	10.5	14.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		16/09/2012		3.0	20.0	11.0		
BARITE	SX		16/09/2012		378.0		634.0		
BENTONITE	SX		16/09/2012			260.0	126.0		
DESCO CF	SX		16/09/2012		8.0		47.0		
DESCO CF	SX		16/09/2012		4.0		43.0		
DESCO CF	SX		16/09/2012		4.0		39.0		
FED PAC UL	SX		16/09/2012		5.0		39.0		
FED PAC UL	SX		16/09/2012		6.0		33.0		
LIGNITE	SX		16/09/2012		5.0		167.0		
LIGNITE	SX		16/09/2012		4.0		163.0		
M-I-X II MEDIUM	SX		16/09/2012			40.0	22.0		
WALNUT PLUG MEDIUM	SX		16/09/2012		8.0		15.0		
WALNUT PLUG MEDIUM	SX		16/09/2012		6.0		9.0		
WALNUT PLUG MEDIUM	SX		16/09/2012		4.0		5.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date: 17/09/2012, Report # 82.0, DFS: 77.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,015.00	End Depth (mKB) 3,053.00	Depth Progress (m) 38.00	Drilling Hours (hr) 13.25	Avg ROP (m/hr) 2.9	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
10:30	Polymer		1,350.0	65	0.0	26.500	10.000	15.000	6.0	10.5	14.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		17/09/2012	378.0			1,012.0		
BENTONITE	SX		17/09/2012	120.0	5.0		241.0		
DESCO CF	SX		17/09/2012		4.0		35.0		
DESCO CF	SX		17/09/2012		16.0		19.0		
FED PAC UL	SX		17/09/2012		5.0		28.0		
FED PAC UL	SX		17/09/2012		7.0		21.0		
FED PAC UL	SX		17/09/2012	70.0	32.0		59.0		
LIGNITE	SX		17/09/2012		22.0		141.0		
LIME	SX		17/09/2012		21.0		30.0		
SODA ASH	SX		17/09/2012	17.0	3.0		75.0		
WALNUT PLUG MEDIUM	SX		17/09/2012		8.0		-3.0		
WALNUT PLUG MEDIUM	SX		17/09/2012		-33.0		30.0		



Daily Mud

Report Date: 18/09/2012, Report # 83.0, DFS: 78.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,053.00	End Depth (mKB) 3,091.00	Depth Progress (m) 38.00	Drilling Hours (hr) 14.75	Avg ROP (m/hr) 2.6	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
18:30	Polymer	3,080.00	1,355.0	66	0.0	28.500	9.000	16.500	5.5	10.5	15.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		18/09/2012	546.0	214.0		1,344.0		
DESCO CF	SX		18/09/2012		4.0		15.0		
SAPP	SX		18/09/2012		5.0		3.0		
TKPP	SX		18/09/2012		2.0		38.0		
WALNUT PLUG MEDIUM	SX		18/09/2012		5.0		25.0		
WALNUT PLUG MEDIUM	SX		18/09/2012		5.0		20.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date: 19/09/2012, Report # 84.0, DFS: 79.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,091.00	End Depth (mKB) 3,132.00	Depth Progress (m) 41.00	Drilling Hours (hr) 17.25	Avg ROP (m/hr) 2.4	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
08:00	Polymer	3,107.00	1,350.0	65	0.0	25.000	9.000	15.000	6.0	10.0	14.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		19/09/2012		252.0		1,092.0		
BARITE	SX		19/09/2012	546.0	84.0		1,554.0		
BARITE	SX		19/09/2012		294.0		1,260.0		
CAUSTIC SODA	SX		19/09/2012		1.0		71.0		
CAUSTIC SODA	SX		19/09/2012		2.0		69.0		
DESCO CF	SX		19/09/2012		8.0		7.0		
DESCO CF	SX		19/09/2012		7.0		0.0		
FED PAC UL	SX		19/09/2012		4.0		55.0		
FED PAC UL	SX		19/09/2012		8.0		47.0		
HYPERDRILL AF 247RD	SX		19/09/2012		1.0		23.0		
RING FREE	PAISL		19/09/2012		4.0		6.0		
SAPP	SX		19/09/2012		3.0		0.0		
SODA ASH	SX		19/09/2012		2.0		73.0		
TKPP	SX		19/09/2012		3.0		35.0		
WALNUT PLUG FINE	SX		19/09/2012		2.0		94.0		
WALNUT PLUG FINE	SX		19/09/2012		5.0		89.0		
WALNUT PLUG MEDIUM	SX		19/09/2012		5.0		15.0		
WALNUT PLUG MEDIUM	SX		19/09/2012		15.0		0.0		



Daily Mud

Report Date: 20/09/2012, Report # 85.0, DFS: 80.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,132.00	End Depth (mKB) 3,132.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
00:45	POLYMER	3,132.00	1,410.0	77						10.5	
08:00	Polymer	3,132.00	1,405.0	75	0.0	30.000	10.500	16.000	5.0	9.5	18.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALPINE DRILL BEADS	SX		20/09/2012		84.0		336.0		
BARITE	SX		20/09/2012		42.0		1,218.0		
BIOCIDE	PAIS		20/09/2012		3.0		0.0		
SAWDUST	SX		20/09/2012		1.0		226.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date:** 21/09/2012, **Report #** 86.0, **DFS:** 81.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,132.00	End Depth (mKB) 3,132.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
14:15	Polymer	3,132.00	1,415.0	71	0.0	30.000	10.000	17.000	6.5	9.0	18.5
23:15	POLYMER	2,335.00	120.0	72						10.0	

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
CAUSTIC SODA	SX		21/09/2012		4.0		65.0		
SAWDUST	SX		21/09/2012		2.0		224.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date:** 22/09/2012, **Report #** 87.0, **DFS:** 82.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,132.00	End Depth (mKB) 3,132.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
09:30	Polymer	3,132.00	1,415.0	71	0.0	30.000	10.000	17.000	6.5	9.0	18.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		22/09/2012		42.0		1,176.0		
MYACIDE GA25	PAISLS		22/09/2012		3.0		61.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date: 23/09/2012, Report # 88.0, DFS: 83.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,132.00	End Depth (mKB) 3,132.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
22:00	Polymer	3,132.00	1,420.0	60	0.0	18.500	6.500	12.000	7.5	10.5	18.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
CAUSTIC SODA	SX		23/09/2012		4.0		61.0		
CAUSTIC SODA	SX		23/09/2012		3.0		58.0		
FED PAC UL	SX		23/09/2012		15.0		32.0		
FED PAC UL	SX		23/09/2012		25.0		7.0		
HYPERDRILL AF 247RD	SX		23/09/2012		2.0		21.0		
KELZAN XCD POLYMER	SX		23/09/2012		2.0		15.0		
LIGNITE	SX		23/09/2012		8.0		133.0		
LIGNITE	SX		23/09/2012		15.0		118.0		
LIME	SX		23/09/2012		5.0		25.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date: 24/09/2012, Report # 89.0, DFS: 84.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,132.00	End Depth (mKB) 3,132.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
19:00	Polymer	3,132.00	1,420.0	62	0.0	18.000	6.000	11.500	6.0	10.5	19.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
CAUSTIC SODA	SX		24/09/2012		2.0		56.0		
CAUSTIC SODA	SX		24/09/2012		1.0		55.0		
CELL-O-FLAKE 3/8	SX		24/09/2012			44.0	0.0		
FED PAC R	SX		24/09/2012		6.0		-4.0		
FED PAC R	SX		24/09/2012		3.0		-7.0		
FED PAC R	SX		24/09/2012	35.0			28.0		
FED SEAL	SX		24/09/2012			42.0	0.0		
LIGNITE	SX		24/09/2012		6.0		112.0		
MYACIDE GA25	PAILS		24/09/2012		11.0		50.0		
SAWDUST	SX		24/09/2012		15.0		209.0		
SAWDUST	SX		24/09/2012	150.0			359.0		
SUPER SWEEP	SX		24/09/2012			8.0	0.0		
WALNUT PLUG MEDIUM	SX		24/09/2012	150.0	10.0		140.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date:** 25/09/2012, **Report #** 90.0, **DFS:** 85.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,132.00	End Depth (mKB) 3,132.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
22:30	Polymer	3,132.00	1,440.0	73	0.0	19.000	6.500	12.500	6.0	10.5	20.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
CAUSTIC SODA	SX		25/09/2012		1.0		54.0		
FED PAC R	SX		25/09/2012	35.0	6.0		57.0		
KELZAN XCD POLYMER	SX		25/09/2012		2.0		13.0		
WALNUT PLUG FINE	SX		25/09/2012		30.0		59.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date:** 26/09/2012, **Report #** 91.0, **DFS:** 86.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,132.00	End Depth (mKB) 3,132.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
17:00	Polymer	3,132.00	1,415.0	65	0.0	24.000	6.000	12.000	6.0	10.5	18.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BIOCIDE	PAISLS		26/09/2012				0.0		
CAUSTIC SODA	SX		26/09/2012		1.0		53.0		
HYPERDRILL AF 247RD	SX		26/09/2012		2.0		19.0		
LIME	SX		26/09/2012		5.0		20.0		
WALNUT PLUG MEDIUM	SX		26/09/2012		0.0		140.0		
WALNUT PLUG MEDIUM	SX		26/09/2012		6.0		134.0		



Daily Mud

Well Name: **Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23** Report Date: **27/09/2012, Report # 92.0, DFS: 87.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,132.00	End Depth (mKB) 3,132.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
13:45	Polymer	3,132.00	1,410.0	82	0.0	28.000	6.500	13.500	5.5	9.5	18.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		27/09/2012		84.0		1,092.0		
BIOCIDE	PAISLS		27/09/2012				0.0		
WALNUT PLUG MEDIUM	SX		27/09/2012		1.0		133.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date: 28/09/2012, Report # 93.0, DFS: 88.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,132.00	End Depth (mKB) 3,132.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:30	Polymer	3,132.00	1,420.0	71	0.0	24.500	5.500	12.000	6.0	10.0	18.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		28/09/2012		2.0		9.0		
BARITE	SX		28/09/2012		84.0		1,008.0		
FED PAC R	SX		28/09/2012		3.0		54.0		
HYPERDRILL AF 247RD	SX		28/09/2012		2.0		17.0		
KELZAN XCD POLYMER	SX		28/09/2012		1.0		12.0		
LIGNITE	SX		28/09/2012		23.0		89.0		
RING FREE	PAISL		28/09/2012		1.0		5.0		
TKPP	SX		28/09/2012		1.0		34.0		
WALNUT PLUG MEDIUM	SX		28/09/2012		4.0		129.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date: 29/09/2012, Report # 94.0, DFS: 89.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,132.00	End Depth (mKB) 3,132.00	Depth Progress (m)	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
18:45	Polymer	3,132.00	1,380.0	121	0.0	32.500	7.000	15.000	5.0	10.0	17.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		29/09/2012		42.0		966.0		
DEFOAM X	PAISLS		29/09/2012				119.0		
FED PAC R	SX		29/09/2012		7.0		47.0		
KELZAN XCD POLYMER	SX		29/09/2012		6.0		6.0		
LIME	SX		29/09/2012				20.0		
SAWDUST	SX		29/09/2012		10.0		349.0		
SAWDUST	SX		29/09/2012		4.0		345.0		
SOLTEX	SX		29/09/2012		26.0		150.0		
TKPP	SX		29/09/2012		1.0		33.0		
WALNUT PLUG FINE	SX		29/09/2012		1.0		58.0		
WALNUT PLUG MEDIUM	SX		29/09/2012		5.0		124.0		
WALNUT PLUG MEDIUM	SX		29/09/2012		4.0		120.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date:** 30/09/2012, Report # 95.0, DFS: 90.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,132.00	End Depth (mKB) 3,132.00	Depth Progress (m)	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
18:45	Polymer	3,132.00	1,380.0	121	0.0	32.500	7.000	15.000	5.0	10.0	17.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date:** 01/10/2012, Report # 96.0, DFS: 91.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,132.00	End Depth (mKB) 3,132.00	Depth Progress (m)	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
14:00			1,380.0	110							

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
MYACIDE GA25	PAIS		01/10/2012		6.0		44.0		



Daily Mud

Well Name: **Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23** Report Date: **02/10/2012, Report # 97.0, DFS: 92.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,132.00	End Depth (mKB) 3,132.00	Depth Progress (m)	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
12:00	POLYMER		1,390.0	67						10.0	

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		02/10/2012		252.0		714.0		
BIOCIDE	PAISLS		02/10/2012		1.0		-1.0		
FED PAC R	SX		02/10/2012		2.0		45.0		
KELZAN XCD POLYMER	SX		02/10/2012		2.0		4.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date:** 03/10/2012, Report # 98.0, DFS: 93.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,132.00	End Depth (mKB) 3,132.00	Depth Progress (m)	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
21:00	POLYMER		1,390.0							10.0	

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ENVIROFLOC	SX		03/10/2012		4.0		92.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-23 **Report Date:** 04/10/2012, **Report #** 99.0, **DFS:** 94.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,132.00	End Depth (mKB) 3,132.00	Depth Progress (m)	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
15:30	Polymer	2,280.00	1,390.0	121	0.0	32.500	8.000	16.000	5.0	9.0	18.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BIOCIDE	PAISLS		04/10/2012		1.0		-2.0		
BIOCIDE	PAISLS		04/10/2012		1.0		-3.0		
DEFOAM X	PAISLS		04/10/2012		1.0		118.0		
ENVIROFLOC	SX		04/10/2012		2.0		90.0		
FED PAC R	SX		04/10/2012		1.0		44.0		
KELZAN XCD POLYMER	SX		04/10/2012		1.0		3.0		
KELZAN XCD POLYMER	SX		04/10/2012		3.0		0.0		
SAWDUST	SX		04/10/2012		6.0		339.0		
SAWDUST	SX		04/10/2012		26.0		313.0		
SOLTEX	SX		04/10/2012		16.0		134.0		
TKPP	SX		04/10/2012		1.0		32.0		
WALNUT PLUG FINE	SX		04/10/2012		4.0		54.0		
WALNUT PLUG MEDIUM	SX		04/10/2012		2.0		118.0		
ZETAG 7557	SX		04/10/2012		2.0		32.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 05/10/2012, Report # 100.0, DFS: 95.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,132.00	End Depth (mKB) 3,132.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:55	Polymer	2,223.00	1,395.0	148	0.0	35.000	13.000	25.000	6.0	9.0	18.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		05/10/2012		30.0		684.0		
BENTONITE	SX		05/10/2012		57.0		184.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 06/10/2012, Report # 101.0, DFS: 96.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,132.00	End Depth (mKB) 3,132.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
07:00	Polymer	2,220.00	1,380.0	107	0.0	27.500	10.000	20.000	6.5	9.0	17.0
21:00	POLYMER		1,380.0	107							

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		06/10/2012		30.0		654.0		
BIOCIDE	PAISLS		06/10/2012		1.0		-4.0		
DESCO CF	SX		06/10/2012		8.0		-8.0		
SODIUM BICARBONATE	SX		06/10/2012		19.0		4.0		
SULFAMIC ACID	SX		06/10/2012		6.0		39.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 07/10/2012, **Report #** 102.0, **DFS:** 97.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,132.00	End Depth (mKB) 3,132.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
16:00	POLYMER	2,300.00	1,380.0	78	0.0	20.000	12.000	17.000		11.0	17.0
20:00	POLYMER	2,250.00	1,380.0	74						10.0	

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BIOCIDE	PAISLS		07/10/2012		4.0		-8.0		
BIOCIDE	PAISLS		07/10/2012				-8.0		
CITRIC ACID	SX		07/10/2012		4.0		82.0		
DEFOAM X	PAISLS		07/10/2012		1.0		117.0		
FED PAC R	SX		07/10/2012		7.0		37.0		
FED ZAN D	SX		07/10/2012		1.0		-1.0		
KELZAN XCD POLYMER	SX		07/10/2012		1.0		-1.0		
SAWDUST	SX		07/10/2012		20.0		293.0		
SODA ASH	SX		07/10/2012		6.0		67.0		
SULFAMIC ACID	SX		07/10/2012		6.0		33.0		
WALNUT PLUG MEDIUM	SX		07/10/2012		5.0		113.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date: 08/10/2012, Report # 103.0, DFS: 98.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,132.00	End Depth (mKB) 3,132.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
16:00	POLYMER	2,300.00	1,380.0	96	0.0	22.000	12.000	20.000		11.0	17.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		08/10/2012		60.0		594.0		
ENVIROFLOC	SX		08/10/2012		16.0		74.0		
SAWDUST	SX		08/10/2012		7.0		286.0		
SAWDUST	SX		08/10/2012		1.0		285.0		
WALNUT PLUG MEDIUM	SX		08/10/2012		7.0		106.0		
ZETAG 7692	SX		08/10/2012		4.0		21.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 09/10/2012, Report # 104.0, DFS: 99.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,132.00	End Depth (mKB) 3,132.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
15:30	Polymer	2,290.00	1,400.0	87	0.0	17.500	10.000	18.000	7.2	11.5	18.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BIOCIDE	PAILS		09/10/2012		2.0		-10.0		
CITRIC ACID	SX		09/10/2012		2.0		80.0		
DEFOAM X	PAILS		09/10/2012		2.0		115.0		
SODA ASH	SX		09/10/2012		4.0		63.0		
SODIUM BICARBONATE	SX		09/10/2012		15.0		-11.0		
SODIUM BICARBONATE	SX		09/10/2012		4.0		-15.0		
SULFAMIC ACID	SX		09/10/2012		2.0		31.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date: 10/10/2012, Report # 105.0, DFS: 100.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,132.00	End Depth (mKB) 3,132.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
20:15	POLYMER	2,381.00	1,380.0	77						10.5	
23:00	Polymer	2,400.00	1,380.0	76	0.0	17.500	10.000	18.000	7.0	10.5	17.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
CITRIC ACID	SX		10/10/2012		2.0		78.0		
CITRIC ACID	SX		10/10/2012		6.0		72.0		
DESCO CF	SX		10/10/2012		2.0		-10.0		
FED PAC R	SX		10/10/2012		1.0		36.0		
RING FREE	PAIS		10/10/2012		2.0		3.0		
SAWDUST	SX		10/10/2012		25.0		260.0		
SULFAMIC ACID	SX		10/10/2012		2.0		29.0		
SULFAMIC ACID	SX		10/10/2012		6.0		23.0		
WALNUT PLUG FINE	SX		10/10/2012		2.0		52.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 11/10/2012, **Report #** 106.0, **DFS:** 101.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,132.00	End Depth (mKB) 3,132.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:00	Polymer	2,250.00	1,400.0	107	0.0	23.500	14.000	25.000	7.0	10.0	18.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BIOCIDE	PAIS		11/10/2012		1.0		-11.0		
CITRIC ACID	SX		11/10/2012		8.0		64.0		
ENVIROFLOC	SX		11/10/2012		14.0		60.0		
FED PAC R	SX		11/10/2012		5.0		31.0		
FED PAC UL	SX		11/10/2012		1.0		6.0		
RING FREE	PAIS		11/10/2012		2.0		1.0		
SAWDUST	SX		11/10/2012		10.0		250.0		
WALNUT PLUG MEDIUM	SX		11/10/2012		2.0		104.0		
ZETAG 7692	SX		11/10/2012		1.0		20.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date: 12/10/2012, Report # 107.0, DFS: 102.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,132.00	End Depth (mKB) 3,132.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
22:00	Polymer	2,227.00	1,360.0	77	0.0	17.500	10.000	15.000	8.5	10.5	16.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		12/10/2012		30.0		564.0		
BIOCIDE	PAILS		12/10/2012		2.0		-13.0		
CITRIC ACID	SX		12/10/2012		2.0		62.0		
DEFOAM X	PAILS		12/10/2012		5.0		110.0		
ENVIROFLOC	SX		12/10/2012		15.0		45.0		
FED PAC UL	SX		12/10/2012		6.0		0.0		
SODA ASH	SX		12/10/2012		10.0		53.0		
SODIUM BICARBONATE	SX		12/10/2012		15.0		-30.0		
SULFAMIC ACID	SX		12/10/2012		5.0		18.0		
TKPP	SX		12/10/2012		5.0		27.0		
ZETAG 7692	SX		12/10/2012		2.0		18.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 13/10/2012, **Report #** 108.0, **DFS:** 103.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,132.00	End Depth (mKB) 3,132.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
20:15	POLYMER		1,380.0	100							
20:30	Polymer	1,750.00	1,360.0	92	0.0	22.500	14.000	22.000	9.0	10.5	16.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		13/10/2012		30.0		534.0		
BARITE	SX		13/10/2012		20.0		514.0		
SODIUM BICARBONATE	SX		13/10/2012		8.0		-38.0		
SULFAMIC ACID	SX		13/10/2012		2.0		16.0		



Daily Mud

Report Date: 14/10/2012, Report # 109.0, DFS: 104.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 3,132.00	End Depth (mKB) 3,132.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
16:00	Polymer	2,113.00	1,325.0	62	0.0	6.500	4.000	10.000	14.0	11.5	15.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		14/10/2012		50.0		464.0		
BIOCIDE	PAILS		14/10/2012		1.0		-14.0		
DEFOAM X	PAILS		14/10/2012		1.0		109.0		
DEFOAM X	PAILS		14/10/2012		1.0		108.0		
DEFOAM X	PAILS		14/10/2012		1.0		107.0		
DESCO CF	SX		14/10/2012	15.0			5.0		
ENVIROFLOC	SX		14/10/2012		3.0		42.0		
SAPP	SX		14/10/2012	40.0			40.0		
SAWDUST	SX		14/10/2012	150.0			400.0		
SODIUM BICARBONATE	SX		14/10/2012	48.0			10.0		
ZETAG 7692	SX		14/10/2012		2.0		16.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 15/10/2012, **Report #** 110.0, **DFS:** 105.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,113.00	End Depth (mKB) 2,117.00	Depth Progress (m) 4.00	Drilling Hours (hr) 9.25	Avg ROP (m/hr) 0.4	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
16:00	Polymer	2,113.00	1,325.0	68						10.5	

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		15/10/2012	126.0	76.0		514.0		
BIOCIDE	PAISLS		15/10/2012		-20.0		6.0		
CITRIC ACID	SX		15/10/2012		8.0		54.0		
DEFOAM X	PAISLS		15/10/2012		7.0		100.0		
DEFOAM X	PAISLS		15/10/2012		1.0		99.0		
DESCO CF	SX		15/10/2012	80.0			85.0		
ENVIROFLOC	SX		15/10/2012		18.0		24.0		
ENVIROFLOC	SX		15/10/2012		3.0		21.0		
ENVIROFLOC	SX		15/10/2012	120.0			141.0		
FED PAC R	SX		15/10/2012		4.0		27.0		
FED PAC UL	SX		15/10/2012	70.0			70.0		
FED ZAN D	SX		15/10/2012		3.0		-4.0		
FED ZAN D	SX		15/10/2012	128.0			124.0		
HR-2725 (H2S Scavenger)	BBL		15/10/2012		1.0		3.0		
HYPERDRILL AF 247RD	SX		15/10/2012	30.0			47.0		
KI-3908	BBL		15/10/2012		-1.0		1.0		
MYACIDE GA25	PAISLS		15/10/2012		13.0		31.0		
MYACIDE GA25	PAISLS		15/10/2012	32.0			63.0		
RING FREE	PAISLS		15/10/2012	3.0			4.0		
SAPP	SX		15/10/2012		6.0		34.0		
SAWDUST	SX		15/10/2012		279.0		121.0		
SODIUM BICARBONATE	SX		15/10/2012		10.0		0.0		
SOLTEX	SX		15/10/2012	160.0			294.0		
SULFAMIC ACID	SX		15/10/2012		10.0		6.0		
WALNUT PLUG MEDIUM	SX		15/10/2012		6.0		98.0		
ZETAG 7692	SX		15/10/2012		1.0		15.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date: 16/10/2012, Report # 111.0, DFS: 106.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,117.00	End Depth (mKB) 2,129.00	Depth Progress (m) 12.00	Drilling Hours (hr) 18.25	Avg ROP (m/hr) 0.7	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
19:00	Polymer	2,128.00	1,320.0	85	0.0	25.000	7.000	11.000	6.5	10.0	13.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		16/10/2012		30.0		484.0		
CITRIC ACID	SX		16/10/2012		4.0		50.0		
CITRIC ACID	SX		16/10/2012		3.0		47.0		
DEFOAM X	PAISLS		16/10/2012		1.0		98.0		
DESCO CF	SX		16/10/2012		11.0		74.0		
ENVIROFLOC	SX		16/10/2012		2.0		139.0		
FED PAC R	SX		16/10/2012		2.0		25.0		
FED PAC R	SX		16/10/2012		6.0		19.0		
FED PAC UL	SX		16/10/2012		8.0		62.0		
SAWDUST	SX		16/10/2012		2.0		119.0		
SODA ASH	SX		16/10/2012		7.0		46.0		
SOLTEX	SX		16/10/2012		70.0		224.0		
TKPP	SX		16/10/2012		3.0		24.0		
ZINC CARBONATE	SX		16/10/2012	40.0			40.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date: 17/10/2012, Report # 112.0, DFS: 107.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,129.00	End Depth (mKB) 2,139.00	Depth Progress (m) 10.00	Drilling Hours (hr) 8.25	Avg ROP (m/hr) 1.2	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:00	Polymer	2,139.00	1,270.0	65	0.0	22.000	3.000	6.000	6.5	11.0	11.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BIOCIDE	PAILS		17/10/2012		2.0		4.0		
CITRIC ACID	SX		17/10/2012		4.0		43.0		
CITRIC ACID	SX		17/10/2012		2.0		41.0		
DESCO CF	SX		17/10/2012		4.0		70.0		
ENVIROFLOC	SX		17/10/2012		6.0		133.0		
SODA ASH	SX		17/10/2012		4.0		42.0		
SODA ASH	SX		17/10/2012		2.0		40.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date: 18/10/2012, Report # 113.0, DFS: 108.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,139.00	End Depth (mKB) 2,154.00	Depth Progress (m) 15.00	Drilling Hours (hr) 8.00	Avg ROP (m/hr) 1.9	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
09:00	Polymer	2,152.00	1,270.0	74	0.0	15.000	2.500	6.000	7.0	11.0	11.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BIOCIDE	PAISLS		18/10/2012		1.0		3.0		
DEFOAM X	PAISLS		18/10/2012		4.0		94.0		
HYPERDRILL AF 247RD	SX		18/10/2012		1.0		46.0		
SODA ASH	SX		18/10/2012		4.0		36.0		
SULFAMIC ACID	SX		18/10/2012		4.0		2.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 19/10/2012, **Report #** 114.0, **DFS:** 109.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,154.00	End Depth (mKB) 2,154.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:00	Polymer	2,152.00	1,280.0	62	0.0	16.500	2.500	7.000	6.5	10.5	12.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		19/10/2012	210.0			694.0		
BARITE	SX		19/10/2012		168.0		526.0		
BIOCIDE	PAISLS		19/10/2012		1.0		2.0		
BIOCIDE	PAISLS		19/10/2012	32.0			34.0		
BIOCIDE	PAISLS		19/10/2012		1.0		33.0		
CITRIC ACID	SX		19/10/2012		1.0		40.0		
DEFOAM X	PAISLS		19/10/2012		1.0		93.0		
DEFOAM X	PAISLS		19/10/2012		4.0		89.0		
DEFOAM X	PAISLS		19/10/2012		1.0		88.0		
DESCO CF	SX		19/10/2012		3.0		67.0		
DESCO CF	SX		19/10/2012	160.0			227.0		
ENVIROFLOC	SX		19/10/2012	40.0			173.0		
FED PAC R	SX		19/10/2012		1.0		18.0		
FED PAC R	SX		19/10/2012	35.0			53.0		
FED ZAN D	SX		19/10/2012	64.0	3.0		185.0		
HYPERDRILL AF 247RD	SX		19/10/2012	30.0			76.0		
LIME	SX		19/10/2012	100.0			120.0		
RING FREE	PAISLS		19/10/2012		1.0		3.0		
SODA ASH	SX		19/10/2012	49.0	1.0		84.0		
SOLTEX	SX		19/10/2012	160.0	6.0		378.0		
TKPP	SX		19/10/2012		3.0		21.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date: 20/10/2012, Report # 115.0, DFS: 110.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,154.00	End Depth (mKB) 2,154.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
00:00	Polymer	2,154.00	1,290.0	61	0.0	16.000	2.000	5.500	6.0	10.5	12.5
22:00	POLYMER	1,594.00	1,290.0	62						10.5	

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		20/10/2012		30.0		496.0		
BIOCIDE	PAILS		20/10/2012		1.0		32.0		
CITRIC ACID	SX		20/10/2012		5.0		35.0		
DEFOAM X	PAILS		20/10/2012		2.0		86.0		
ENVIROFLOC	SX		20/10/2012		6.0		167.0		
FED PAC R	SX		20/10/2012		2.0		51.0		
FED ZAN D	SX		20/10/2012		3.0		182.0		
HYPERDRILL AF 247RD	SX		20/10/2012		1.0		75.0		
HYPERDRILL AF 247RD	SX		20/10/2012		1.0		74.0		
WALNUT PLUG MEDIUM	SX		20/10/2012		2.0		96.0		
ZETAG 7692	SX		20/10/2012		1.0		14.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date: 21/10/2012, Report # 116.0, DFS: 111.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,154.00	End Depth (mKB) 2,154.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:00	Polymer	2,145.00	1,320.0	78	0.0	23.000	3.500	7.000	5.5	10.0	13.5
23:30	POLYMER	2,140.00	1,320.0	82						10.5	

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		21/10/2012		240.0		256.0		
BARITE	SX		21/10/2012		126.0		130.0		
BARITE	SX		21/10/2012		42.0		88.0		
BARITE	SX		21/10/2012	546.0			634.0		
BARITE	SX		21/10/2012	126.0	-862.0		1,622.0		
CAL CARB SUPERCAL	SX		21/10/2012	56.0			99.0		
CELL-O-FLAKE 3/8	SX		21/10/2012	94.0			94.0		
CITRIC ACID	SX		21/10/2012		-2.0		37.0		
DEFOAM X	PAISLS		21/10/2012		1.0		85.0		
DESCO CF	SX		21/10/2012	23.0	8.0		242.0		
ENVIROFLOC	SX		21/10/2012		8.0		159.0		
ENVIROFLOC	SX		21/10/2012		10.0		149.0		
ENVIROFLOC	SX		21/10/2012	-120.0	-5.0		34.0		
ENVIROPLUG MEDIUM	SX		21/10/2012	120.0			120.0		
FED PAC R	SX		21/10/2012		2.0		49.0		
FED PAC R	SX		21/10/2012		1.0		48.0		
FED PAC R	SX		21/10/2012	90.0			138.0		
FED PAC UL	SX		21/10/2012	-70.0	-8.0		0.0		
FED SEAL	SX		21/10/2012	248.0			248.0		
FED ZAN D	SX		21/10/2012		3.0		179.0		
FED ZAN D	SX		21/10/2012		11.0		168.0		
FED ZAN D	SX		21/10/2012		6.0		162.0		
HYPERDRILL AF 247RD	SX		21/10/2012		2.0		72.0		
HYPERDRILL AF 247RD	SX		21/10/2012		1.0		71.0		
HYPERDRILL AF 247RD	SX		21/10/2012	-30.0	-4.0		45.0		
HYPERDRILL AF 247RD	SX		21/10/2012		1.0		44.0		
LIME	SX		21/10/2012	48.0			168.0		
M-I-X II MEDIUM	SX		21/10/2012		-8.0		30.0		
MYACIDE GA25	PAISLS		21/10/2012	-32.0	8.0		23.0		
RING FREE	PAISLS		21/10/2012	4.0	-3.0		10.0		
SAPP	SX		21/10/2012	20.0			54.0		
SAWDUST	SX		21/10/2012	-150.0	-300.0	150.0	119.0		
SODA ASH	SX		21/10/2012		1.0		83.0		
SODA ASH	SX		21/10/2012	44.0	-8.0		135.0		
SODIUM BICARBONATE	SX		21/10/2012		8.0	-8.0	0.0		
SOLTEX	SX		21/10/2012	-160.0	-42.0		260.0		
SULFAMIC ACID	SX		21/10/2012	60.0	2.0		60.0		
SUPER SWEEP	SX		21/10/2012	6.0			6.0		
TKPP	SX		21/10/2012		2.0		19.0		
WALNUT PLUG FINE	SX		21/10/2012		-4.0		56.0		



Daily Mud

Report Date: 21/10/2012, Report # 116.0, DFS: 111.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
WALNUT PLUG MEDIUM	SX		21/10/2012		2.0		94.0		
WALNUT PLUG MEDIUM	SX		21/10/2012		5.0		89.0		
WALNUT PLUG MEDIUM	SX		21/10/2012	126.0	0.0		215.0		
WALNUT PLUG MEDIUM	SX		21/10/2012		2.0		213.0		
ZETAG 7557	SX		21/10/2012		1.0		31.0		
ZETAG 7557	SX		21/10/2012		-5.0		36.0		
ZETAG 7692	SX		21/10/2012		1.0		13.0		
ZETAG 7692	SX		21/10/2012		-1.0		14.0		
ZETAG 7692	SX		21/10/2012		1.0		13.0		



Daily Mud

Report Date: 22/10/2012, Report # 117.0, DFS: 112.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,154.00	End Depth (mKB) 2,159.00	Depth Progress (m) 5.00	Drilling Hours (hr) 4.25	Avg ROP (m/hr) 1.2	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
11:30	POLYMER	2,160.00	1,320.0	80							

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		22/10/2012	6.0			15.0		
BARITE	SX		22/10/2012		252.0		1,370.0		
CALCIUM CARBONATE M-325	SX		22/10/2012	56.0			102.0		
DEFOAM X	PAIS		22/10/2012		3.0		82.0		
DESCO CF	SX		22/10/2012	-8.0	1.0		233.0		
DRISPAC REGULAR	SX		22/10/2012	200.0			200.0		
ENVIROFLOC	SX		22/10/2012		6.0		28.0		
FED PAC R	SX		22/10/2012		2.0		136.0		
FED ZAN D	SX		22/10/2012		4.0		158.0		
HYPERDRILL AF 247RD	SX		22/10/2012		7.0		37.0		
KELZAN XCD POLYMER	SX		22/10/2012	26.0	-1.0		26.0		
MAGMA FIBER FINE	SX		22/10/2012	80.0			80.0		
MILLIZAN	SX		22/10/2012	114.0			114.0		
M-I-X II MEDIUM	SX		22/10/2012	40.0			70.0		
MYACIDE GA25	PAIS		22/10/2012		-2.0		25.0		
SAWDUST	SX		22/10/2012	896.0			1,015.0		
SODA ASH	SX		22/10/2012		2.0		133.0		
TKPP	SX		22/10/2012		3.0		16.0		
WALNUT PLUG FINE	SX		22/10/2012		27.0		29.0		
WALNUT PLUG MEDIUM	SX		22/10/2012		7.0		206.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date: 23/10/2012, Report # 118.0, DFS: 113.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,159.00	End Depth (mKB) 2,201.00	Depth Progress (m) 42.00	Drilling Hours (hr) 12.00	Avg ROP (m/hr) 3.5	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
10:00	POLYMER	2,156.00	1,320.0	85	0.0	25.000	4.500	11.500	6.0	10.5	13.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		23/10/2012			378.0	992.0		
BARITE	SX		23/10/2012	378.0	408.0		962.0		
BENTONITE	SX		23/10/2012	90.0			274.0		
DEFOAM X	PAISLS		23/10/2012		5.0		77.0		
DESCO CF	SX		23/10/2012		-1.0		234.0		
FED ZAN D	SX		23/10/2012		4.0		154.0		
FED ZAN D	SX		23/10/2012	64.0			218.0		
HYPERDRILL AF 247RD	SX		23/10/2012		-3.0		40.0		
HYPERDRILL AF 247RD	SX		23/10/2012		2.0		38.0		
SODA ASH	SX		23/10/2012		2.0		131.0		
SOLTEX	SX		23/10/2012		10.0		250.0		
WALNUT PLUG MEDIUM	SX		23/10/2012		4.0		202.0		
ZETAG 7587 (PERCOL 787)	SX		23/10/2012		1.0		35.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date: 24/10/2012, Report # 119.0, DFS: 114.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,201.00	End Depth (mKB) 2,241.00	Depth Progress (m) 40.00	Drilling Hours (hr) 13.00	Avg ROP (m/hr) 3.1	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
10:00	POLYMER	2,156.00	1,320.0	85	0.0	25.000	4.500	11.500	6.0	10.5	13.0
16:10	POLYMER	2,239.00	1,310.0	81	0.0	26.500	5.500	14.500	5.5	9.5	13.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		24/10/2012		84.0		878.0		
CITRIC ACID	SX		24/10/2012		4.0		33.0		
DEFOAM X	PAISL		24/10/2012		1.0		76.0		
DEFOAM X	PAISL		24/10/2012		2.0		74.0		
DESCO CF	SX		24/10/2012		5.0		229.0		
FED PAC R	SX		24/10/2012		1.0		135.0		
FED ZAN D	SX		24/10/2012		2.0		216.0		
FED ZAN D	SX		24/10/2012		4.0		212.0		
K-2 PLUS	PAISL		24/10/2012	96.0	2.0		94.0		
SAPP	SX		24/10/2012		2.0		52.0		
SOLTEX	SX		24/10/2012		10.0		240.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 25/10/2012, **Report #** 120.0, **DFS:** 115.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,241.00	End Depth (mKB) 2,265.00	Depth Progress (m) 24.00	Drilling Hours (hr) 8.50	Avg ROP (m/hr) 2.8	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
15:00	POLYMER	2,242.00	1,310.0	87	0.0	27.500	7.000	15.500	5.0	9.5	13.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		25/10/2012	462.0			1,340.0		
BIOCIDE	PAILS		25/10/2012	32.0			64.0		
Envirobags	bags		25/10/2012	2.0	0.0		2.0		
K-2 PLUS	PAILS		25/10/2012		7.0		87.0		
MYACIDE GA25	PAILS		25/10/2012	64.0			89.0		
MYACIDE GA25	PAILS		25/10/2012		2.0		87.0		
SOLTEX	SX		25/10/2012		10.0		230.0		
WALNUT PLUG MEDIUM	SX		25/10/2012		2.0		200.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date: 26/10/2012, Report # 121.0, DFS: 116.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,265.00	End Depth (mKB) 2,329.00	Depth Progress (m) 64.00	Drilling Hours (hr) 18.50	Avg ROP (m/hr) 3.5	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
11:00	POLYMER	2,292.00	1,320.0	84	0.0	26.000	6.500	15.000	5.0	10.0	13.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		26/10/2012		126.0		1,214.0		
DEFOAM X	PAILS		26/10/2012		1.0		73.0		
DESCO CF	SX		26/10/2012		5.0		224.0		
FED PAC R	SX		26/10/2012		1.0		134.0		
FED ZAN D	SX		26/10/2012		4.0		208.0		
K-2 PLUS	PAILS		26/10/2012		6.0		81.0		
MYACIDE GA25	PAILS		26/10/2012		1.0		86.0		
SULFAMIC ACID	SX		26/10/2012		2.0		58.0		
WALNUT PLUG MEDIUM	SX		26/10/2012		3.0		197.0		
WALNUT PLUG MEDIUM	SX		26/10/2012		1.0		196.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 27/10/2012, **Report #** 122.0, **DFS:** 117.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,329.00	End Depth (mKB) 2,386.00	Depth Progress (m) 57.00	Drilling Hours (hr) 19.50	Avg ROP (m/hr) 2.9	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
15:00	POLYMER	2,369.00	1,310.0	81	0.0	24.500	6.000	14.000	5.5	9.0	12.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		27/10/2012		2.0		13.0		
BARITE	SX		27/10/2012		210.0		1,004.0		
DESCO CF	SX		27/10/2012		5.0		219.0		
FED PAC R	SX		27/10/2012		1.0		133.0		
FED ZAN D	SX		27/10/2012		9.0		199.0		
K-2 PLUS	PAIS		27/10/2012		2.0		79.0		
MYACIDE GA25	PAIS		27/10/2012		2.0		84.0		
SAWDUST	SX		27/10/2012		6.0		1,009.0		
SULFAMIC ACID	SX		27/10/2012		2.0		56.0		
WALNUT PLUG MEDIUM	SX		27/10/2012		2.0		194.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date: 28/10/2012, Report # 123.0, DFS: 118.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,386.00	End Depth (mKB) 2,419.00	Depth Progress (m) 33.00	Drilling Hours (hr) 11.25	Avg ROP (m/hr) 2.9	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
08:00	POLYMER	2,406.00	1,320.0	80	0.0	22.500	5.500	13.000	5.0	10.5	13.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		28/10/2012		3.0		10.0		
BARITE	SX		28/10/2012		542.0		462.0		
DEFOAM X	PAISLS		28/10/2012		5.0		68.0		
ENVIROFLOC	SX		28/10/2012		40.0		-12.0		
FED PAC R	SX		28/10/2012		8.0		125.0		
K-2 PLUS	PAISLS		28/10/2012		5.0		74.0		
SOLTEX	SX		28/10/2012		57.0		173.0		



Daily Mud

Report Date: 29/10/2012, Report # 124.0, DFS: 119.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,419.00	End Depth (mKB) 2,419.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:00	Polymer	2,419.00	1,340.0	84	0.0	24.500	6.000	13.500	5.0	10.0	14.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		29/10/2012		42.0		420.0		
BARITE	SX		29/10/2012	126.0			546.0		
CAUSTIC SODA	SX		29/10/2012	48.0			101.0		
DEFOAM X	PAIS		29/10/2012		1.0		67.0		
DESCO CF	SX		29/10/2012	80.0			299.0		
ENVIROFLOC	SX		29/10/2012	120.0			108.0		
ENVIROFLOC	SX		29/10/2012		5.0		103.0		
FED PAC UL	SX		29/10/2012	70.0			70.0		
FED ZAN D	SX		29/10/2012	128.0			327.0		
HYPERDRILL AF 247RD	SX		29/10/2012	30.0			68.0		
MYACIDE GA25	PAIS		29/10/2012	32.0			116.0		
SODIUM BICARBONATE	SX		29/10/2012	56.0			56.0		
SOLTEX	SX		29/10/2012	160.0			333.0		



Daily Mud

Report Date: 30/10/2012, Report # 125.0, DFS: 120.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,419.00	End Depth (mKB) 2,455.00	Depth Progress (m) 36.00	Drilling Hours (hr) 7.45	Avg ROP (m/hr) 4.8	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
22:45	POLYMER	2,450.00	1,320.0	116	0.0	30.000	12.000	25.000	5.5	10.0	15.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
DESCO CF	SX		30/10/2012		4.0		295.0		
K-2 PLUS	PAILS		30/10/2012		3.0		71.0		
K-2 PLUS	PAILS		30/10/2012		4.0		67.0		
RING FREE	PAILS		30/10/2012		1.0		9.0		
SAPP	SX		30/10/2012		1.0		51.0		
SOLTEX	SX		30/10/2012		1.0		332.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date: 31/10/2012, Report # 126.0, DFS: 121.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,455.00	End Depth (mKB) 2,535.00	Depth Progress (m) 80.00	Drilling Hours (hr) 20.50	Avg ROP (m/hr) 3.9	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:00	POLYMER	2,534.00	1,320.0	67	0.0	18.000	6.000	12.000	6.0	10.0	15.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		31/10/2012		1.0		9.0		
ALKAPAM 1103	SX		31/10/2012		1.0		37.0		
BARITE	SX		31/10/2012		42.0		504.0		
BARITE	SX		31/10/2012	462.0			966.0		
BIOCIDE	PAIS		31/10/2012		4.0		60.0		
DEFOAM X	PAIS		31/10/2012		1.0		66.0		
DESCO CF	SX		31/10/2012		18.0		277.0		
ENVIROFLOC	SX		31/10/2012		4.0		99.0		
FED PAC R	SX		31/10/2012		3.0		122.0		
FED PAC R	SX		31/10/2012		2.0		120.0		
SODIUM BICARBONATE	SX		31/10/2012		4.0		52.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date: 01/11/2012, Report # 127.0, DFS: 122.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,535.00	End Depth (mKB) 2,574.00	Depth Progress (m) 39.00	Drilling Hours (hr) 12.00	Avg ROP (m/hr) 3.3	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:00	POLYMER	2,220.00	1,330.0	77	0.0	21.500	6.000	12.000	5.0	10.0	15.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		01/11/2012		3.0		6.0		
ALCOMER 120 LOS	SX		01/11/2012		1.0		5.0		
ALCOMER 120 LOS	SX		01/11/2012		1.0		4.0		
ALKAPAM 1103	SX		01/11/2012		1.0		36.0		
BARITE	SX		01/11/2012		84.0		882.0		
ENVIROFLOC	SX		01/11/2012		4.0		95.0		
FED PAC R	SX		01/11/2012		2.0		118.0		
FED PAC UL	SX		01/11/2012		9.0		61.0		
FED PAC UL	SX		01/11/2012		6.0		55.0		
FED ZAN D	SX		01/11/2012		8.0		319.0		
FED ZAN D	SX		01/11/2012		2.0		317.0		
FED ZAN D	SX		01/11/2012		1.0		316.0		
HYPERDRILL AF 247RD	SX		01/11/2012		3.0		65.0		
K-2 PLUS	PAISLS		01/11/2012		2.0		65.0		
K-2 PLUS	PAISLS		01/11/2012		1.0		64.0		
MYACIDE GA25	PAISLS		01/11/2012		4.0		112.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 02/11/2012, **Report #** 128.0, **DFS:** 123.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,574.00	End Depth (mKB) 2,574.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
15:00	Polymer	2,574.00	1,340.0	65	0.0	16.500	5.000	9.000	5.5	10.0	16.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALKAPAM 1103	SX		02/11/2012		1.0		35.0		
BARITE	SX		02/11/2012		42.0		840.0		
DEFOAM X	PAILS		02/11/2012		1.0		65.0		
ENVIROFLOC	SX		02/11/2012		5.0		90.0		
ENVIROFLOC	SX		02/11/2012		6.0		84.0		
FED ZAN D	SX		02/11/2012		3.0		313.0		
HYPERDRILL AF 247RD	SX		02/11/2012		1.0		64.0		
SODA ASH	SX		02/11/2012		2.0		129.0		



Daily Mud

Well Name: **Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25** Report Date: **03/11/2012, Report # 129.0, DFS: 124.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,574.00	End Depth (mKB) 2,574.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
08:00	POLYMER	1,600.00	1,370.0	50	0.0	7.500	4.000	6.000	6.5	9.0	17.0
21:00	POLYMER	2,100.00	1,370.0	50	0.0	8.000	4.000	7.000	6.5	10.5	17.0
21:00	POLYMER	2,100.00	1,370.0	50	0.0	8.000	4.000	7.000	6.5	10.0	17.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		03/11/2012		42.0		798.0		
BARITE	SX		03/11/2012		72.0		726.0		
DEFOAM X	PAIS		03/11/2012		1.0		64.0		
DETERGENT	PAIS		03/11/2012		2.0		8.0		
FED PAC R	SX		03/11/2012		9.0		109.0		
FED PAC UL	SX		03/11/2012		4.0		51.0		
FED ZAN D	SX		03/11/2012		2.0		311.0		
FED ZAN D	SX		03/11/2012		9.0		302.0		
LIME	SX		03/11/2012		20.0		148.0		
SAPP	SX		03/11/2012		1.0		50.0		
SAWDUST	SX		03/11/2012		13.0		996.0		
WALNUT PLUG FINE	SX		03/11/2012		6.0		23.0		
WALNUT PLUG MEDIUM	SX		03/11/2012		2.0		192.0		



Daily Mud

Report Date: 04/11/2012, Report # 130.0, DFS: 125.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,574.00	End Depth (mKB) 2,574.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
14:00	POLYMER	1,350.00	1,370.0	68	0.0	16.500	5.000	9.000	6.0	10.5	17.0
23:59	POLYMER	2,245.00	1,380.0	90	0.0	25.000	6.000	10.000	5.5	10.5	18.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		04/11/2012	32.0			36.0		
ALKAPAM 1103	SX		04/11/2012		1.0		34.0		
ALKAPAM 1103	SX		04/11/2012	40.0			74.0		
BARITE	SX		04/11/2012		52.0		674.0		
BARITE	SX		04/11/2012	378.0			1,052.0		
DEFOAM X	PAIS		04/11/2012		1.0		63.0		
DEFOAM X	PAIS		04/11/2012		2.0		61.0		
DETERGENT	PAIS		04/11/2012		4.0		4.0		
DETERGENT	PAIS		04/11/2012		4.0		0.0		
ENVIROFLOC	SX		04/11/2012		4.0		80.0		
ENVIROFLOC	SX		04/11/2012	80.0			160.0		
FED PAC R	SX		04/11/2012		8.0		101.0		
FED PAC R	SX		04/11/2012		4.0		97.0		
FED ZAN D	SX		04/11/2012		4.0		298.0		
K-2 PLUS	PAIS		04/11/2012		10.0		54.0		
LIME	SX		04/11/2012		5.0		143.0		
SAWDUST	SX		04/11/2012		24.0		972.0		
SODA ASH	SX		04/11/2012		2.0		127.0		
SODIUM BICARBONATE	SX		04/11/2012	41.0			93.0		
WALNUT PLUG FINE	SX		04/11/2012		5.0		18.0		
WALNUT PLUG MEDIUM	SX		04/11/2012		6.0		186.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 05/11/2012, **Report #** 131.0, **DFS:** 126.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,574.00	End Depth (mKB) 2,574.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
00:00	POLYMER	2,468.00	1,425.0	88	0.0	20.500	6.000	13.000	5.5	10.5	19.0
11:45	POLYMER	2,340.00	1,400.0	90	0.0	22.500	7.000	15.000	5.5	10.5	19.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		05/11/2012		1.0		35.0		
BARITE	SX		05/11/2012		252.0		800.0		
BARITE	SX		05/11/2012		42.0		758.0		
DEFOAM X	PAISLS		05/11/2012		1.0		60.0		
DETERGENT	PAISLS		05/11/2012		2.0		-2.0		
FED PAC R	SX		05/11/2012		3.0		94.0		
FED PAC R	SX		05/11/2012		2.0		92.0		
K-2 PLUS	PAISLS		05/11/2012		15.0		39.0		
KELZAN XCD POLYMER	SX		05/11/2012		2.0		24.0		
KELZAN XCD POLYMER	SX		05/11/2012		5.0		19.0		
LIME	SX		05/11/2012		5.0		138.0		
LIME	SX		05/11/2012		1.0		137.0		
RING FREE	PAISLS		05/11/2012		2.0		7.0		
SAWDUST	SX		05/11/2012		6.0		966.0		
SAWDUST	SX		05/11/2012		12.0		954.0		
WALNUT PLUG MEDIUM	SX		05/11/2012		1.0		185.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date: 06/11/2012, Report # 132.0, DFS: 127.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,574.00	End Depth (mKB) 2,574.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
08:00	POLYMER	2,530.00	1,430.0	93	0.0	29.500	7.500	16.000	6.0	11.0	19.0
21:00	POLYMER	2,572.00	1,470.0	83	0.0	22.000	7.000	13.000	6.2	10.5	20.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		06/11/2012		3.0		32.0		
ALCOMER 120 LOS	SX		06/11/2012		3.0		29.0		
ALCOMER 120 LOS	SX		06/11/2012		1.0		28.0		
BARITE	SX		06/11/2012		210.0		548.0		
BARITE	SX		06/11/2012		252.0		296.0		
BARITE	SX		06/11/2012	378.0	42.0		632.0		
DEFOAM X	PAIS		06/11/2012	21.0	1.0		80.0		
DETERGENT	PAIS		06/11/2012	32.0	4.0		26.0		
FED PAC R	SX		06/11/2012		2.0		90.0		
FED PAC UL	SX		06/11/2012		2.0		49.0		
FED PAC UL	SX		06/11/2012		1.0		48.0		
KELZAN XCD POLYMER	SX		06/11/2012	80.0	1.0		98.0		
LIME	SX		06/11/2012		2.0		135.0		
SODIUM BICARBONATE	SX		06/11/2012	56.0			149.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date: 07/11/2012, Report # 133.0, DFS: 128.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,574.00	End Depth (mKB) 2,574.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
08:00	POLYMER	2,353.00	1,470.0	96	0.0	25.000	7.000	15.000	6.0	10.5	20.0
19:00	POLYMER	1,507.00	1,475.0	104	0.0	28.000	7.000	16.000	6.0	10.5	20.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		07/11/2012		1.0		27.0		
BARITE	SX		07/11/2012		42.0		590.0		
BARITE	SX		07/11/2012		42.0		548.0		



Daily Mud

Report Date: 08/11/2012, Report # 134.0, DFS: 129.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,574.00	End Depth (mKB) 2,574.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
16:00	POLYMER	2,236.00	1,480.0	110	0.0	20.500	7.500	16.000	7.5	10.5	20.0
22:00	POLYMER	2,456.00	1,510.0	83	0.0	20.000	7.000	15.000	6.5	10.5	21.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		08/11/2012		2.0		25.0		
ALCOMER 120 LOS	SX		08/11/2012		3.0		22.0		
BARITE	SX		08/11/2012		32.0		516.0		
BARITE	SX		08/11/2012		138.0		378.0		
BARITE	SX		08/11/2012		84.0		294.0		
BARITE	SX		08/11/2012	1,092.0			1,386.0		
DEFOAM X	PAISLS		08/11/2012		1.0		79.0		
FED PAC UL	SX		08/11/2012		3.0		45.0		
FED PAC UL	SX		08/11/2012		2.0		43.0		
FED ZAN D	SX		08/11/2012		1.0		297.0		
KELZAN XCD POLYMER	SX		08/11/2012		1.0		97.0		
LIME	SX		08/11/2012		3.0		132.0		
LIME	SX		08/11/2012		3.0		129.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date: 09/11/2012, Report # 135.0, DFS: 130.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,574.00	End Depth (mKB) 2,574.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
07:00	Polymer	2,560.00	1,535.0	87	0.0	26.000	8.500	17.500	6.0	10.0	22.0
17:00	Polymer	2,574.00	1,550.0	79	0.0	21.000	7.500	15.000	6.0	10.0	23.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		09/11/2012		2.0		20.0		
BARITE	SX		09/11/2012		126.0		1,260.0		
BARITE	SX		09/11/2012		198.0		1,062.0		
FED PAC R	SX		09/11/2012		1.0		89.0		
FED PAC R	SX		09/11/2012		2.0		87.0		
K-2 PLUS	PAISL		09/11/2012		1.0		38.0		
KELZAN XCD POLYMER	SX		09/11/2012		1.0		96.0		
KELZAN XCD POLYMER	SX		09/11/2012		1.0		95.0		
LIME	SX		09/11/2012		1.0		128.0		



Daily Mud

Well Name: **Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25** Report Date: **10/11/2012, Report # 136.0, DFS: 131.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,574.00	End Depth (mKB) 2,574.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
07:45	Polymer	2,300.00	1,575.0	80	0.1	23.000	7.500	14.000	5.8	10.0	24.0
19:00	POLYMER	2,100.00	1,580.0	82	0.1	22.500	7.000	12.500	5.6	10.5	23.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		10/11/2012		1.0		19.0		
BARITE	SX		10/11/2012		96.0		966.0		
FED PAC R	SX		10/11/2012		3.0		84.0		
FED PAC R	SX		10/11/2012		1.0		83.0		
K-2 PLUS	PAIS		10/11/2012		2.0		36.0		
K-2 PLUS	PAIS		10/11/2012		1.0		35.0		
KELZAN XCD POLYMER	SX		10/11/2012		1.0		94.0		
KELZAN XCD POLYMER	SX		10/11/2012		1.0		93.0		
LIME	SX		10/11/2012		3.0		125.0		
LIME	SX		10/11/2012		10.0		115.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date: 11/11/2012, Report # 137.0, DFS: 132.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,574.00	End Depth (mKB) 2,574.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
07:30	Polymer	2,475.00	1,580.0	82	0.0	22.500	6.500	12.500	5.6	10.5	23.0
20:00	Polymer	2,573.00	1,595.0	90	0.1	27.500	7.500	15.000	5.5	10.5	23.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		11/11/2012		8.0		11.0		
BARITE	SX		11/11/2012		116.0		850.0		
FED PAC R	SX		11/11/2012		1.0		82.0		
FED PAC UL	SX		11/11/2012		1.0		42.0		
KELZAN XCD POLYMER	SX		11/11/2012		1.0		92.0		
LIME	SX		11/11/2012		2.0		113.0		
SAWDUST	SX		11/11/2012		10.0		944.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 12/11/2012, Report # 138.0, DFS: 133.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,574.00	End Depth (mKB) 2,574.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
12:00	Polymer		1,590.0	88							

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		12/11/2012		42.0		808.0		
BARITE	SX		12/11/2012	546.0			1,354.0		
DEFOAM X	PAISL		12/11/2012		1.0		78.0		



Daily Mud

Report Date: 13/11/2012, Report # 139.0, DFS: 134.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,574.00	End Depth (mKB) 2,574.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:00	POLYMER	2,266.00	1,590.0	91	0.0	23.000	6.500	13.000	6.0	10.0	23.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		13/11/2012	546.0			1,900.0		
BARITE	SX		13/11/2012		62.0		1,838.0		
CITRIC ACID	SX		13/11/2012		3.0		30.0		
DESCO CF	SX		13/11/2012		5.0		272.0		
K-2 PLUS	PAISLS		13/11/2012	64.0			99.0		
SODA ASH	SX		13/11/2012		5.0		122.0		
SODIUM BICARBONATE	SX		13/11/2012		5.0		144.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 14/11/2012, **Report #** 140.0, **DFS:** 135.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,574.00	End Depth (mKB) 2,574.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
03:10	POLYMER	2,268.00	1,550.0	51	0.0	16.000	3.500	7.000	7.0	10.0	21.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
KCL	SX		14/11/2012	616.0			616.0		



Daily Mud

Report Date: 15/11/2012, Report # 141.0, DFS: 136.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,574.00	End Depth (mKB) 2,574.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
02:30			1,550.0	81							
02:30	Polymer		1,550.0	81						10.0	

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 16/11/2012, **Report #** 142.0, **DFS:** 137.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,574.00	End Depth (mKB) 2,574.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:50	Polymer	2,270.00	1,520.0	49	0.0	13.000	3.500	6.500	8.0	11.5	20.5

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date: 17/11/2012, Report # 143.0, DFS: 138.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,574.00	End Depth (mKB) 2,574.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
19:00	POLYMER	2,574.00	1,510.0	119	0.1	35.500	7.000	15.500	6.5	10.5	20.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
DEFOAM X	PAIS		17/11/2012		1.0		77.0		
KELZAN XCD POLYMER	SX		17/11/2012		4.0		88.0		
ZETAG 7692	SX		17/11/2012		4.0		9.0		



Daily Mud

Report Date: 18/11/2012, Report # 144.0, DFS: 139.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,574.00	End Depth (mKB) 2,574.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:30	Polymer	2,574.00	1,500.0	121	0.1	36.000	7.500	15.000	6.0	10.5	20.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
BARITE	SX		18/11/2012		42.0		1,796.0		
BARITE	SX		18/11/2012		84.0		1,712.0		
DEFOAM X	PAISL		18/11/2012		4.0		73.0		



Daily Mud

Report Date: 19/11/2012, Report # 145.0, DFS: 140.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,574.00	End Depth (mKB) 2,574.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
23:30	Polymer	2,574.00	1,500.0	121	0.1	36.000	7.500	15.000	6.0	10.5	20.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 20/11/2012, Report # 146.0, DFS: 141.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,574.00	End Depth (mKB) 2,574.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
22:30	Polymer	2,253.00	1,490.0	115						11.0	
23:30	Polymer	2,574.00	1,500.0	121	0.1	36.000	7.500	15.000	6.0	10.5	20.0

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
SODA ASH	SX		20/11/2012		3.0		119.0		
SODA ASH	SX		20/11/2012		1.0		118.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 21/11/2012, **Report #** 147.0, **DFS:** 142.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,574.00	End Depth (mKB) 2,574.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)
17:00	Water Base	2,110.00	1,020.0	31						9.5	

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALKAPAM 1103	SX		21/11/2012		3.0		71.0		



Daily Mud

Report Date: 22/11/2012, Report # 148.0, DFS: 143.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,574.00	End Depth (mKB) 2,574.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks											
Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)

Mud Volume (Additions and Losses)				
Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)				
Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts									
Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)



Daily Mud

Report Date: 23/11/2012, Report # 149.0, DFS: 144.15

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,574.00	End Depth (mKB) 2,574.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks											
Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)

Mud Volume (Additions and Losses)				
Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)				
Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts									
Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 24/11/2012, **Report #** 150.0, **DFS:** 145.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,574.00	End Depth (mKB) 2,574.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
ALCOMER 120 LOS	SX		24/11/2012		-2.0		13.0		
ALCOMER 120 LOS	SX		24/11/2012			13.0	0.0		
ALKAPAM 1103	SX		24/11/2012		15.0		56.0		
ALKAPAM 1103	SX		24/11/2012			56.0	0.0		
ALPINE DRILL BEADS	SX		24/11/2012			336.0	0.0		
BARITE	SX		24/11/2012		-122.0		1,834.0		
BARITE	SX		24/11/2012			1,834.0	0.0		
BENTONITE	SX		24/11/2012			274.0	0.0		
BIOCIDE	PAISL		24/11/2012		-4.0		64.0		
BIOCIDE	PAISL		24/11/2012			64.0	0.0		
BLEACH	PAISL		24/11/2012	32.0			32.0		
BLEACH	PAISL		24/11/2012			32.0	0.0		
CAL CARB SUPERCAL	SX		24/11/2012			99.0	0.0		
CALCIUM CARBONATE 0	SX		24/11/2012			62.0	0.0		
CALCIUM CARBONATE M-325	SX		24/11/2012			102.0	0.0		
CAUSTIC SODA	SX		24/11/2012			101.0	0.0		
CELL-O-FLAKE 3/8	SX		24/11/2012			94.0	0.0		
CITRIC ACID	SX		24/11/2012			30.0	0.0		
DEFOAM X	PAISL		24/11/2012		-8.0		81.0		
DEFOAM X	PAISL		24/11/2012			81.0	0.0		
DESCO CF	SX		24/11/2012		-8.0		280.0		
DESCO CF	SX		24/11/2012			280.0	0.0		
DETERGENT	PAISL		24/11/2012		-11.0		37.0		
DETERGENT	PAISL		24/11/2012			37.0	0.0		
DRISPAC REGULAR	SX		24/11/2012			200.0	0.0		
Envirobags	bags		24/11/2012				2.0		
Envirobags	bags		24/11/2012			2.0	0.0		
ENVIROFLOC	SX		24/11/2012		40.0		120.0		
ENVIROFLOC	SX		24/11/2012			120.0	0.0		
ENVIROPLUG MEDIUM	SX		24/11/2012			120.0	0.0		
FED PAC R	SX		24/11/2012		-7.0		89.0		
FED PAC R	SX		24/11/2012			89.0	0.0		
FED PAC UL	SX		24/11/2012			42.0	0.0		
FED SEAL	SX		24/11/2012			248.0	0.0		
FED ZAN D	SX		24/11/2012		5.0		292.0		
FED ZAN D	SX		24/11/2012			292.0	0.0		
HR-2725 (H2S Scavenger)	BBL		24/11/2012			3.0	0.0		
HYPERDRILL AF 247RD	SX		24/11/2012		4.0		60.0		
HYPERDRILL AF 247RD	SX		24/11/2012			60.0	0.0		
K-2 PLUS	PAISL		24/11/2012		10.0		89.0		
K-2 PLUS	PAISL		24/11/2012			89.0	0.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date: 24/11/2012, Report # 150.0, DFS: 145.15**

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)
KCL	SX		24/11/2012			616.0	0.0		
KELZAN XCD POLYMER	SX		24/11/2012		5.0		83.0		
KELZAN XCD POLYMER	SX		24/11/2012			83.0	0.0		
KI-3869	BBL		24/11/2012		2.0		-2.0		
KI-3869	BBL		24/11/2012			-2.0	0.0		
KI-3908	BBL		24/11/2012			1.0	0.0		
LIGNITE	SX		24/11/2012			89.0	0.0		
LIME	SX		24/11/2012		26.0		87.0		
LIME	SX		24/11/2012			87.0	0.0		
LUBE 945	bbl		24/11/2012			4.0	0.0		
MAGMA FIBER FINE	SX		24/11/2012			80.0	0.0		
MILLIZAN	SX		24/11/2012			114.0	0.0		
M-I-X II FINE	SX		24/11/2012			80.0	0.0		
M-I-X II MEDIUM	SX		24/11/2012		8.0		62.0		
M-I-X II MEDIUM	SX		24/11/2012			62.0	0.0		
MYACIDE GA25	PAISLS		24/11/2012		8.0		104.0		
MYACIDE GA25	PAISLS		24/11/2012			104.0	0.0		
POLYPLUS LV	SX		24/11/2012			60.0	0.0		
POTASSIUM HYDROXIDE	SX		24/11/2012			96.0	0.0		
RING FREE	PAISLS		24/11/2012			7.0	0.0		
SAPP	SX		24/11/2012		-1.0		51.0		
SAPP	SX		24/11/2012			51.0	0.0		
SAWDUST	SX		24/11/2012		50.0		894.0		
SAWDUST	SX		24/11/2012			894.0	0.0		
SOAP STICK	EACH		24/11/2012			63.0	0.0		
SODA ASH	SX		24/11/2012		-1.0		119.0		
SODA ASH	SX		24/11/2012			119.0	0.0		
SODIUM BICARBONATE	SX		24/11/2012		6.0		138.0		
SODIUM BICARBONATE	SX		24/11/2012			138.0	0.0		
SOLTEX	SX		24/11/2012			332.0	0.0		
SULFAMIC ACID	SX		24/11/2012		-2.0		58.0		
SULFAMIC ACID	SX		24/11/2012			58.0	0.0		
SUPER SWEEP	SX		24/11/2012			6.0	0.0		
TKPP	SX		24/11/2012			16.0	0.0		
TORQ-TROL	BBL		24/11/2012			4.0	0.0		
ULTRAHIB	BBL		24/11/2012	8.0			8.0		
ULTRAHIB	BBL		24/11/2012			8.0	0.0		
WALNUT PLUG FINE	SX		24/11/2012		10.0		8.0		
WALNUT PLUG FINE	SX		24/11/2012			8.0	0.0		
WALNUT PLUG MEDIUM	SX		24/11/2012		-8.0		193.0		
WALNUT PLUG MEDIUM	SX		24/11/2012			193.0	0.0		
ZETAG 7557	SX		24/11/2012		3.0		33.0		
ZETAG 7557	SX		24/11/2012			33.0	0.0		
ZETAG 7587 (PERCOL 787)	SX		24/11/2012		1.0		34.0		
ZETAG 7587 (PERCOL 787)	SX		24/11/2012			34.0	0.0		
ZETAG 7692	SX		24/11/2012		9.0		0.0		
ZINC CARBONATE	SX		24/11/2012			40.0	0.0		



Daily Mud

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25 **Report Date:** 25/11/2012, **Report #** 151.0, **DFS:** 146.15

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	Field Name Eagle Plains	License # 1130	State/Province YT	Well Configuration Type Deviated
Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05	Spud Date 02/07/2012 20:30	Rig Release Date 22/11/2012 23:45

Start Depth (mKB) 2,574.00	End Depth (mKB) 2,574.00	Depth Progress (m) 0.00	Drilling Hours (hr)	Avg ROP (m/hr)	Daily Mud Field Est (Cost)	Cum Mud Field Est (Cost)
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Mud Checks

Time	Type	Depth (mKB)	Dens (kg/m³)	Vis (s/L)	PV OR (Pa*s)	YP OR (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	Filtrate (mL/30min)	pH	Solids (%)

Mud Volume (Additions and Losses)

Fluid	Action	To (m³)	From (m³)	Note

Mud Volume (Summary)

Fluid	To well (m³)	Cum to Well (m³)	From well (m³)	Cum from Well (m³)

Mud Additive Amounts

Des	Units	Field Est (Cost/unit)	Date	Rec	Consumed	Returned	On Loc	Daily Field Est (Cost)	Cum Field Est (Cost)



DST

Well Name: Attention: Yukon Oil and Gas Regulators - NCY McParlon A-25

API/UWI 300A256610137150	Surface Legal Location 66:04:10.00N/137:18:58.00W	License # 1130	Well Configuration Type Deviated	Ground Elevation (m) 616.80	Casing Flange Elevation (m) 617.10	KB-Ground Distance (m) 8.35	KB-Casing Flange Distance (m) 8.05
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Hole Size			
Section Des	Size (mm)	Act Btm (mKB)	Act Top (mKB)
Production	222.0	3,132.00	1,197.00

Last Drill String		
BHA #	Drill String Name	String Length (m)
16	Drilling Assembly	2,166.76

Drill String Components			
Item Des	OD (mm)	ID (mm)	Len (m)
Drill pipe - Singles			9.60
Drill pipe - Stands			1,694.92
HWDP(5.0 IN)	129.0	78.0	365.26
SHORT HWDP	127.0	118.0	4.00
JARS-HYD	170.0	68.0	5.07
HWDP(5.0 IN)	129.0	78.0	27.79
X/O	129.0	71.0	0.87
DC (7.00 IN)	177.0	71.0	9.39
DC (7.00 IN)	177.0	71.0	9.19
REAMR-SLANT ROLLER	196.0	61.0	1.38
DC (7.00 IN)	177.0	71.0	9.08
REAMR-SLANT ROLLER	196.0	61.0	1.31
X/O	166.0	73.0	0.44
MONEL	166.0	73.0	9.01
LANDING SUB	159.0	0.7	0.60
NM MONEL	163.0	72.0	9.39
MOTOR LS	162.0	53.0	9.20

Last Mud Check			
Type	Date	Depth (mKB)	
POLYMER	24/08/2012	2,168.00	
Density (kg/m ³)	Vis (s/L)	Filtrate (mL/30min)	Chlorides (mg/L)
1,130.0	44	5.0	200.000

DST Details							
Date	Type	Sub Type	Top Depth (mKB)	Bottom Depth (mKB)	Formation	Tested By	
24/08/2012	DST Data	Straddle & Closed Chamber	1,601.00	1,611.00		Delta P	

Comment
Packers leaked allowing 1.2m³ mud in initially. Re-inflated packers, pull tested and opened downhole hydraulic valve. Built up to 10,000 kPa. Attempted to open downhole hydraulic valve and packers became unseated. Test abandoned.

Blow Description		
Blow Des	Fluid To Surface	Time To Surface (min)

Cushion Details		
Cushion Description	Cush Density (kg/m ³)	Cush Height (m)
120 L of water and inhibitor mixed at 4:1 ratio		

Recorders					
Description	Type	Gauge Loc	Depth (mKB)	SN	Pressure Range (kPa)

Flow Periods												
Type	Gauge Used	Start Time	End Time	P BH Init (kPa)	P BH End (kPa)	T BH End (°C)	Sz Dia Choke (mm)	Q Gas End (E3m ³ /day)	Vol Oil Tot (m ³)	Vol Cond Tot (m ³)	Vol Gas Tot (E3m ³)	Vol Water Tot (m ³)

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