

Well Information

Operator: Devon Canada Corporation
 Well Name: Devon et al Kotaneelee L-38
 Location: L-38
 UWI: 300L386010124000
 Pool: Nahanni
 Field: Kotaneelee
 Province / State: Yukon
 Country: Canada



Tel: (403) 262-9229
 Fax: (403) 265-0377
 Email: Progeo@telusplanet.net

Elevations

Reference: Ground Ground: 803.65 m
 Cut(-) / Fill(+): -0.6 m Kelly Bushing: 810.4 m
 K.B. to Ground: 6.75 m Casing Flange: m

Total Depth

Measurement Type	Measured Depth	True Vertical Depth
Drillers TD (Tally)	1502 m	1502 m
Drillers TD (Strap or SLM)	1502 m	1502 m
Loggers TD	m	m

Surface Co - Ordinates

Well Type: Straight Longitude: 1240723.6 Latitude: 600732.4
 N / S Co - Ordinates: _____
 E / W Co - Ordinates: _____

Bottom Hole Co - Ordinates

Longitude: _____ Latitude: _____
 N / S Co - Ordinates: _____
 E / W Co - Ordinates: _____

Drilling Fluid Summary

Fluid Type	From	To
Gel Chem	22 m	922 m
VersaClean	922 m	1502 m

Casing Summary

Type	Hole Size	Casing Size	Landed At
Surface	444.5 mm	339.7 mm	920.7 m

Well Summary

Spud Date: Aug 22, 2004 @ 17:45hrs Contractor: Akita Rig #58
 TD Date: Sep 19, 2004 @ 23:15hrs Rig Release Date: _____

Work Schedule

Contractor	Geologist	Log Interval	Dates Logged
Pro Geo Consultants	Peter Wasylyk	22 m - 940 m	Aug 22, 2004 - Sep 14, 2004
ProGeo Consultants	Dan Creaser	940 m - 1502 m	Sep 14, 2004 - Sep 21, 2004

Remarks

Plugged back
Prepare to sidetrack L-38/ ST1

Legend

	Cement (Rock)		Argillaceous (Accessory)
	Glacial Till (Rock)		Fossil (Fossil)
	Chert tripolitic (Rock)		Silty (Accessory)
	Shale black (Rock)		Carbonaceous (Accessory)
	Dolomite (Rock)		Lithic grain (Accessory)
	Sandstone (Rock)		Fracture (Accessory)
	Siltstone (Rock)		Sandy (Accessory)
	Limestone grain supported (Rock)		Kaolinitic (Accessory)
	Limestone mud supported (Rock)		Chalky (Texture)
	Calcareous (Nodules)		Crinoid (Fossil)
	Chert tripolitic (Stringers)		Dolomitic (Accessory)
	Dolomite (Stringers)		Earthy (Texture)
	Shale black (Stringers)		
	Sandstone (Stringers)		
	Siltstone (Stringers)		
	Shale green (Stringers)		
	Limestone grain supported (Stringers)		
	Limestone mud supported (Stringers)		
	Coal (Stringers)		
	Siliceous (Cement)		
	Calcareous (Cement)		
	Dolomitic (Cement)		
	Pyrite (Cement)		
	Argillaceous (Matrix)		
P	Pin point (Porosity)		
X	Intercrystalline - interfragmental - intergranular (Porosity)		
V	Vuggy (Porosity)		
F	Fracture (Porosity)		
	Dolomite (Grain)		
	Bentonite (Grain)		
	25 percent (Oilshow)		
	50 percent (Oilshow)		
	Questionable oil staining (Oilshow)		
	75 percent (Oilshow)		
	Cherty fossiliferous (Accessory)		
	Glauconite grains (Grain)		
	Bituminous (Accessory)		
	Pyritic (Accessory)		

Lithology Description

Rounding

Sorting

Grain Size (mm)
c silt

Interpreted Lithology

Porosity (%)
18

Porosity Type

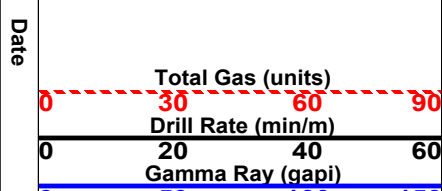
Oil Shows

Test

Slide - Rotate

Depth

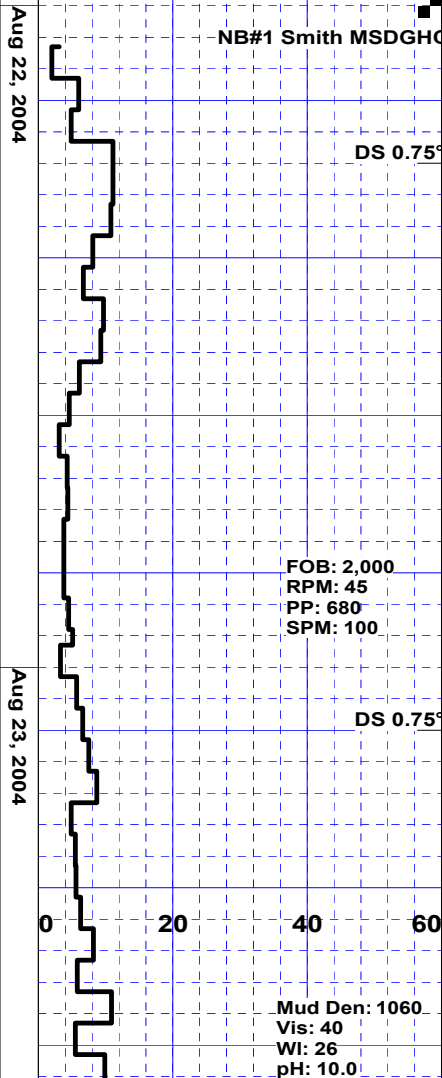
Tectonics



Fracture Determination (Tectonics)

The following terms and symbol numbers are used in quantifying fracture infill (f), slickensiding, shearing, mineral rodding (/), and loose mineral spar (s). Also used are symbols for brecciation (<>) and loose euhedral crystals and drusy. Rare (descriptive only) = 0 symbols. Occasional (1 - 5%) = 1 symbol (f / s). Common (5 - 10%) = 2 symbols (ff // ss). Abundant (10 - 15%) = 3 symbols (fff). These symbols are presented immediately to the left of the depth column. Also noted are abbreviations for the following types of fracture infill and spar:

- a = anhydrite
- b = bitumen
- c = calcite
- ch = chlorite
- d = dolomite
- g = gypsum
- p = pyrite
- q = quartz
- s = sulphur
- x = pyrobitumen
- 0 = fractures with no visible infill



Cement:

Overburden: overburden consisting of redish brn clays, silt & sd grs & milled up boulders / variable sized rock frags & grs consisting of ang qtzc ss frags (70%), lit - m gy - gnsh gy, silt - v f gred, sbang, v hd, w srt, calcs cmt, tt, ns, micas, com var cold lit grs, / rdd sh frags & pbls (30%), redsh brn - dk gy, blk, micmica, sily calcs, easily hydrated.

Overburden: overburden consisting of redish brn clays, silt & sd grs & milled up boulders /

FOB: 4,000
 RPM: 80
 PP: 2,100
 SPM: 160

Temp. Out: 24C

DS 0.75°

60 m

70 m

80 m

90 m

100 m

110 m

120 m

Bit#1 Smith MSDGHC
 71.00 / 9.75 hrs
 Cond --|

NB#2 Reed MS51ALDCC

0 20 40 60
 0 30 60 90

Mud Den: 1060
 Vis: 40
 WI: 26
 pH: 10.5
 FOB: 6,000
 RPM: 126
 PP: 6,200
 SPM: 220
 Temp. Out: 24C

DS 1.36°

Fantasque
 (TVD: 113.5)
 (SSL: 696.90)

ff q

ff q

Aug 24, 2004

variable sized rock frags & grs consisting of sh frags & pbls (80%), redsh brn - dk gy, blkly, micmica, silly calcs, easily hydrated also / ang qtzc ss frags (20%), lt - m gy - gnsh gy, slt - v f gred, sbang, v hd, w srt, calcs cmt, tt, ns, micas, com var cold lit grs.

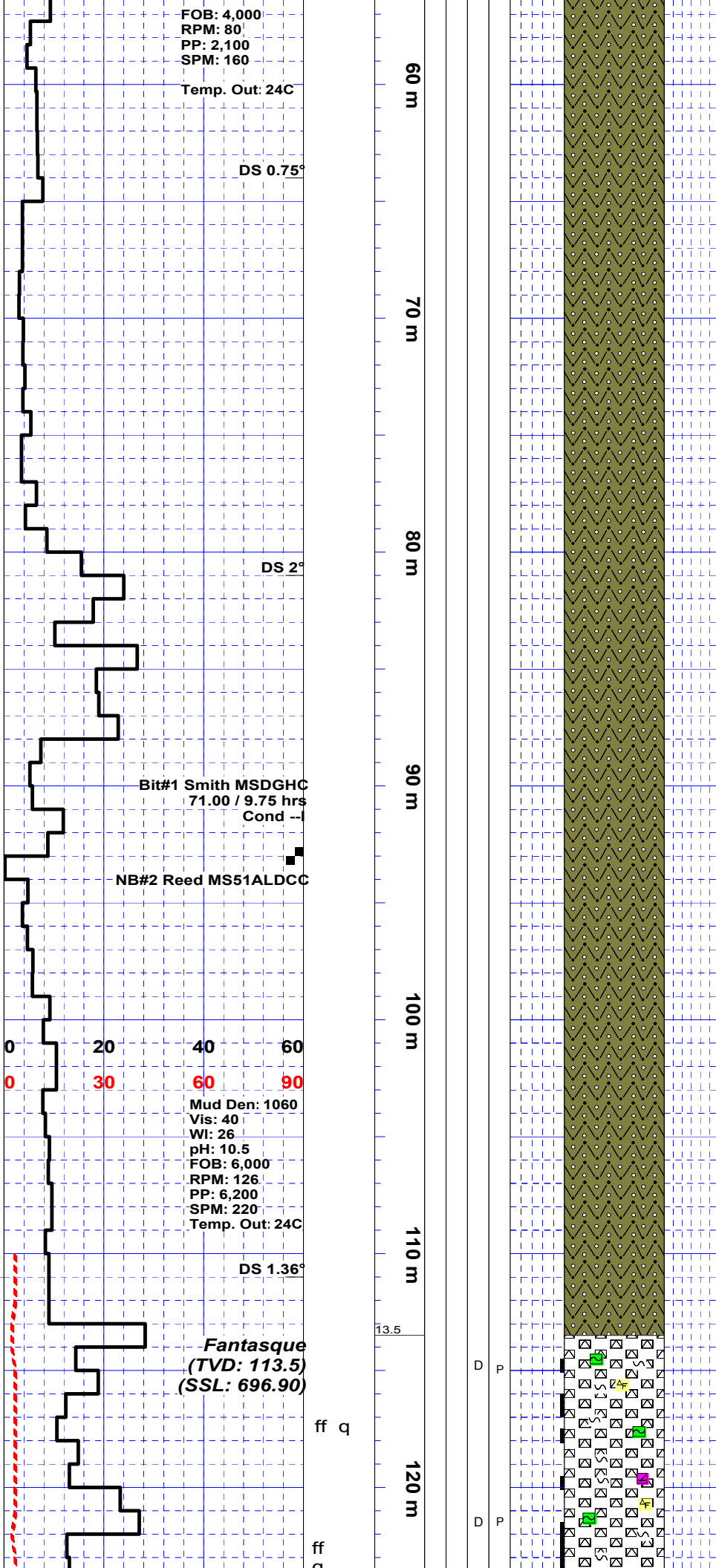
Overburden: overburden consisting of redish brn clays, slt & sd grs & milled up boulders / variable sized rock frags & grs consisting of sh frags & pbls (20%), redsh brn - dk gy, blkly, micmica, silly calcs, easily hydrated also / ang qtzc ss frags (80%), lt - m gy - gnsh gy, slt - v f gred, sbang, v hd, w srt, calcs cmt, tt, ns, micas, com var cold lit grs.

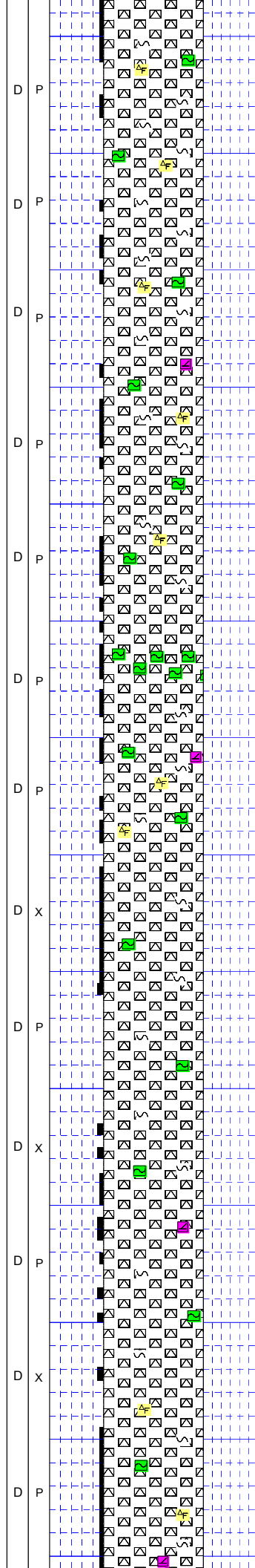
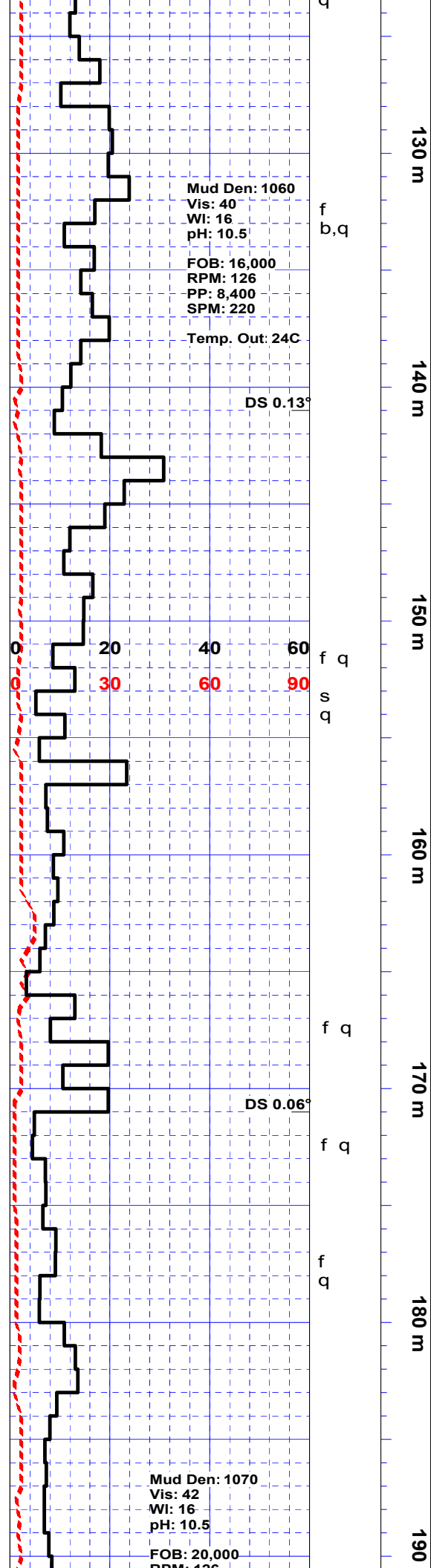
Overburden: overburden consisting of redish brn clays, slt & sd grs & milled up boulders / variable sized rock frags & grs consisting of sh frags & pbls (20%), redsh brn - dk gy, blkly, micmica, silly calcs, easily hydrated also / ang qtzc ss frags (80%), lt - m gy - gnsh gy, slt - v f gred, sbang, v hd, w srt, calcs cmt, tt, ns, micas, com var cold lit grs.

Cht: lt gy - m brn, rthy - micric tex, v bits ip, tr - com glau, v hd, silly doloc, tr dol filled frags, tt - v p (2%) pp por, ns, intbd / cht, lt gy - wh, mas ang frags, specd, foss, tr bit, tt, ns.

D P

D P





Cht: m - dk gysh brn grdg - brnsh gy, blk, v hd, dolc ip, foss, appears micric ip / an rthy tex, xln ip, v bits, tr glau, tr pp por, ns.

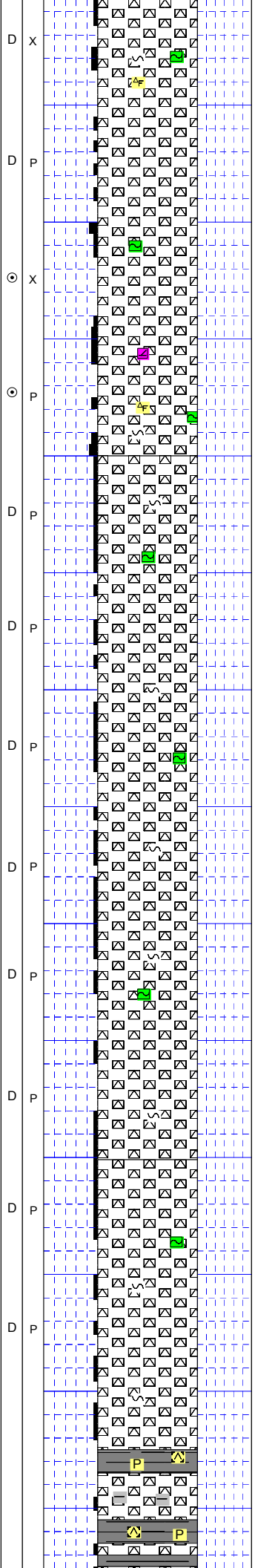
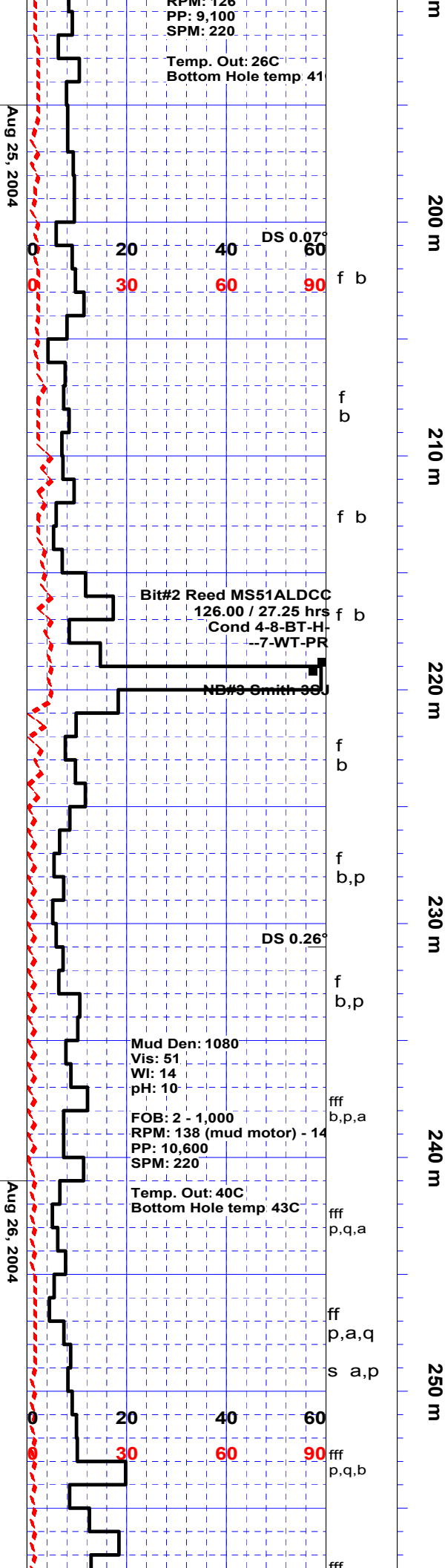
Cht: aa, grdg - v glauc (thinly bedded / up to 80% glau), grdg - lt gy - m brn, rthy - micric tex, v bits ip, com glau, v hd, v sily dolc, tt, ns.

Cht: lt gy - m brn, rthy - micric tex, v bits ip, tr - com glau, v hd, v sily dolc, tt, ns, intbd / cht, lt gy - wh, mas ang frags, specd, foss, tr bit, tt, ns.

Cht: lt gy - m brn, rthy - micric tex, v bits ip, foss, arg, tr - com glau, v hd, v sily dolc, tt - v p pp & intxl por, ns, / tr cht, lt gy - wh, mas ang frags, specd, foss, tr bit, tt - v p pp por, ns, also / tr cht, dk gy brn - blk, crpxl, v hd, tr glau, tt, ns.

Cht: lt gy - m brn (50%), rthy - micric tex, v bits ip, arg, tr - com glau, v hd, foss, v sily dolc, tt - v p pp & intxl por, ns, / tr cht (50%), dk gy brn - blk, crpxl, v hd, tr glau, tt, ns, also / tr cht, lt gy - wh, mas ang frags, specd, foss, tr bit, tt - v p pp por, ns.

Cht: lt gy - m brn (90%), rthy - micric tex, v bits ip, foss, arg, tr - com glau, v hd, v sily dolc, tt - v p pp & intxl por, ns, / tr cht (10%), dk gy brn - blk, crpxl, v hd, tr glau, tt, ns, also / tr cht, lt gy - wh, mas ang frags, specd, foss, tr bit, tt - v p pp por, ns.



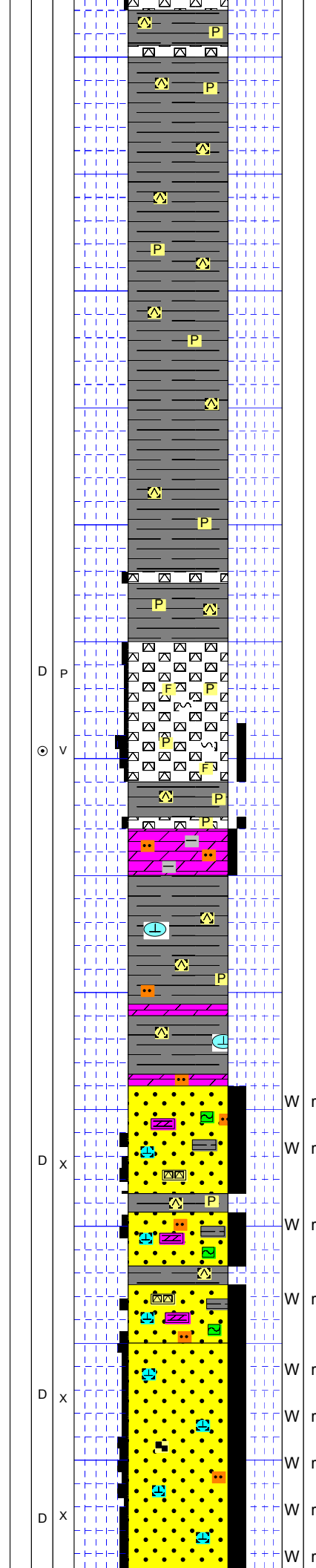
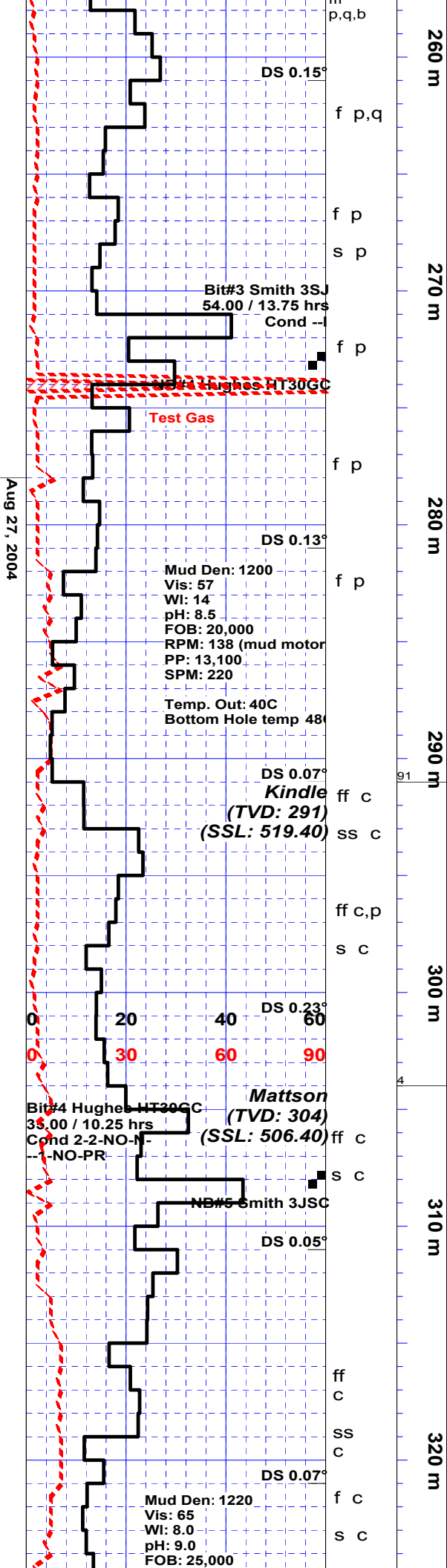
Cht: lt - m gy - wh (20%), mas ang frags, specd, sily foss, tt - p (3%) pp por, tr - com blk heavy oil shows, no vis flor, fast mas yel wh cut, intbd / cht, lt gy - m brn (80%), rthy - micric tex, v bits ip, arg, foss, tr - com glau, v hd, v sily dolc, tt - v p pp & intxl por, ns, also / tr cht, dk gy brn - blk, crpxl, v hd, tr glau, tt, ns.

Cht: lt - m gy - wh (20%), mas ang frags, specd, sily foss, tt - p (3%) pp por, tr blk heavy oil shows, no vis flor, fast mas yel wh cut, intbd / cht, lt gy - m brn (80%), rthy - micric tex, v bits ip, arg, foss, tr - com glau, v hd, v sily dolc, tt - v p pp & intxl por, ns, also / tr cht, dk gy brn - blk, crpxl, v hd, tr glau, tt, ns.

Cht: lt - m gy - blueish gy (50%), mas ang frags, specd, sily foss, tt - p (3%) pp por, tr - com blk heavy oil shows, no vis flor, fast mas yel wh cut, intbd / cht, lt gy - lt brn - m brn (40%), rthy - micric tex, sily bits ip, arg, foss, tr - glau, v hd, v sily dolc, tt - v p pp & intxl por, ns, also / cht (10%), dk gy brn - blk, crpxl, v hd, tr glau, tt, ns.

Sh: blk, blkly, v sils, hd, sily bits.

Cht: dk gysh brn, crpxl, occ mas ang frags, v hd, arg tr pyr, tt, ns.



Sh: blk, blk, v sils, hd, tr dism pyr, silly bits, / tr cht, lt gy - lt blsh gy, specd, tr dism pyr, v hd foss, tt - p pp por, ns.

Cht: blk - brnsh blk - m gy, crpxl - v fy xln - mas, v foss, pyr lined vugs, tt - p (6%) pp, intxl & fenst type por, tr - com blk bit, com bri yel flor, fast mas - bri yel rib cut.

Sh: blk, blk, v sils, hd, tr dism pyr.

Dol: dk gysh brn, micxl, v hd, slty, grdg ip - dolc sltst, v arg, tt, ns.

Sh: blk, blk, silly micas, v sils, hd, tr wh calc xls & calc filled fracs, tr dism pyr / tr cht, aa.

Dol: dk gysh brn, micxl, v hd, slty, tr wh calc xls & calc filled fracs, grdg ip - dolc sltst, v arg, tt, ns.

Ss: lt - m gy - occlly m brnsh gy, qtzt, com glau grs, slt - v f gred, sbrdd, w srt, modly hd - v hd, arg, w cmtd / calc, tr calc filled fracs, tt - v p intgran & frac por, tr blk bit, no vis flor, slow bri yel rib cut.

Sh: blk, blk, silly micas, v sils, hd, tr wh calc xls & calc filled fracs, tr dism pyr, / tr cht, blk - brnsh blk - m gy, crpxl - v fy xln - mas, v foss, pyr lined vugs, tt - p (6%) pp, intxl & fenst type por, tr - com blk bit, com bri yel flor, fast mas - bri yel rib cut.

Ss: lt brnsh gy, qtzt, tr blk carb grs, slt - v f gred, sbrdd, w srt, modly - v hd, silly arg, tt - v p (<5%) intgran por, tr bit stn, tr dull yel flor, tr v slow bri yel rib cut.

Aug 28, 2004

RPM: 138 (mud motor)
PP: 13,200
SPM: 220

Temp. Out: 40C
Bottom Hole temp 48C

DS 0.06°

330 m

f c
s c
f c
s c

X

W r
W r
W r
W r

Ss: lt brnsh gy, qtzt, tr blk carb grs, slt - v f gred, sbrdd, w srt, modly - v hd, sily arg, tt - v p (<5%) intgran por, tr bit stn, tr dull yel flor, tr v slow bri yel rib cut.

Cht: lt - m gy - m brn, crpxl, mas ang frags, v hd, tt - p (5%) pp & frac por, com dk brn hravy oil stn, com yel flor, mod - fast mas bri yel cut.

Ss: lt brnsh gy, qtzt, tr blk carb grs, slt - v f gred, sbrdd, w srt, modly - v hd, sily arg, tt - v p (<5%) intgran por, tr bit stn, tr dull yel flor, tr v slow bri yel rib cut.

Ss: lt brnsh gy (80%), qtzt, tr glau, vf - f (l) gred, w srt, sbrdd, modly hd - v hd, calc cmt, tt - fr (12%) inrgran por, ns, / ss (20%), m gy, qtzt, slt - v f (l) gred, sbrdd, w srt, v hd, calc cmt, sily dolc, tt, abnt blk bit specs also / tr cht, aa..

Ss: lt brnsh gy, qtzt, tr glau, vf - f (l) gred, w srt, sbrdd, modly hd - v hd, calc cmt, tt - fr (12%) inrgran por, com bri yel flor, slow - mod mas bri milky yel cut, / ss (tr) m gy, qtzt, slt - v f (l) gred, sbrdd, w srt, v hd, calc cmt, sily dolc, tt, abnt blk bit specs, tr chky wh bent grs.

Ss: lt brnsh gy, qtzt, tr glau, vf - f (l) gred, w srt, sbrdd, modly hd - v hd, calc cmt, tt - fr (12%) inrgran por, com bri yel flor, slow - mod mas bri milky yel cut / up to 10% wh bent grs also / tr ss, m gy, qtzt, slt - v f (l) gred, sbrdd, w srt, v hd, calc cmt, sily dolc, tt, abnt blk bit specs

Ss: lt - m brnsh gy, qtzt, tr glau, vf - f (l) gred, w srt, sbrdd, modly hd - v hd, calc cmt, tt - fr (12%) inrgran por, com bri yel flor, slow - mod mas bri milky yel cut, also / tr ss (10%), m - dk gy, qtzt, slt - v f (l) gred, sbrdd, w srt, v hd, arg, calc cmt, sily dolc, tt, abnt blk bit specs.

Ss: lt gy - lt - m brnsh gy, qtzs, tr glau, tr dk lit grs, tr dism pyr, slt - v f gred, sbrddd, w srt, fri - modly hd, calc / mnr arg cmt, mainly tt, occ p - f (5-9%) intgran por, tr blk bit stn, scattered dull yel flor, slow mas milky yel wh cut.

Sltst: m - dk brnsh gy, qtzs, v arg, modly hd - v hd, calc & arg cmt, tt, ns.

Ss: aa, bcmg m brn (5%), qtzt, v f gred, v hd, v w cmtd / sil, 5% frac por, com dk brn o stn,

Aug 29, 2004

NB#6 Smith 4J3S

Mud Den: 1100
Vis: 54
WI: 8.0
pH: 8.5
FOB: 25,000
RPM: 138 (mud motor)
PP: 12,800
SPM: 220

Temp. Out: 40C
Bottom Hole temp 48C

DS 0.06°

390 m

f c,p
s c

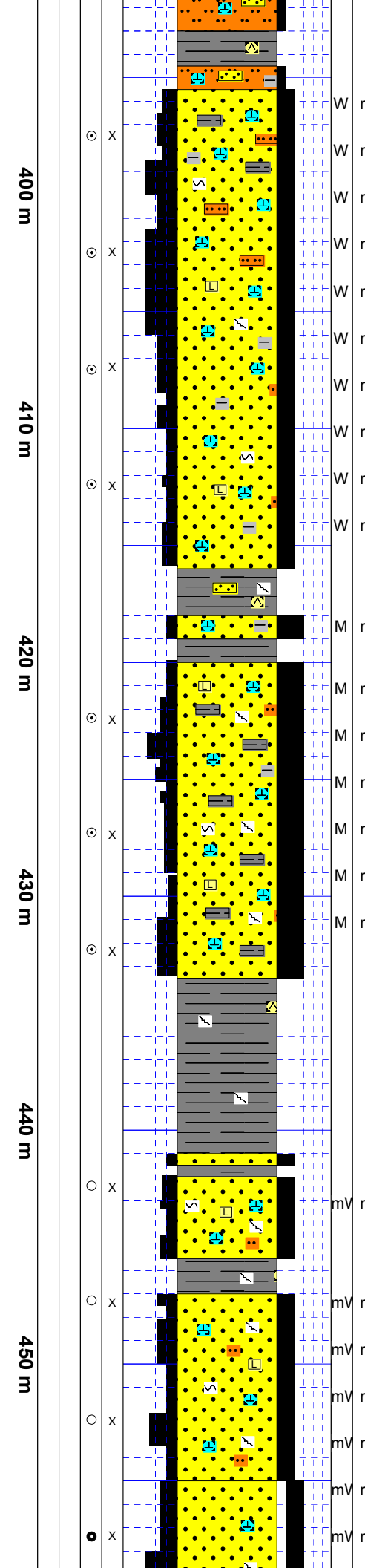
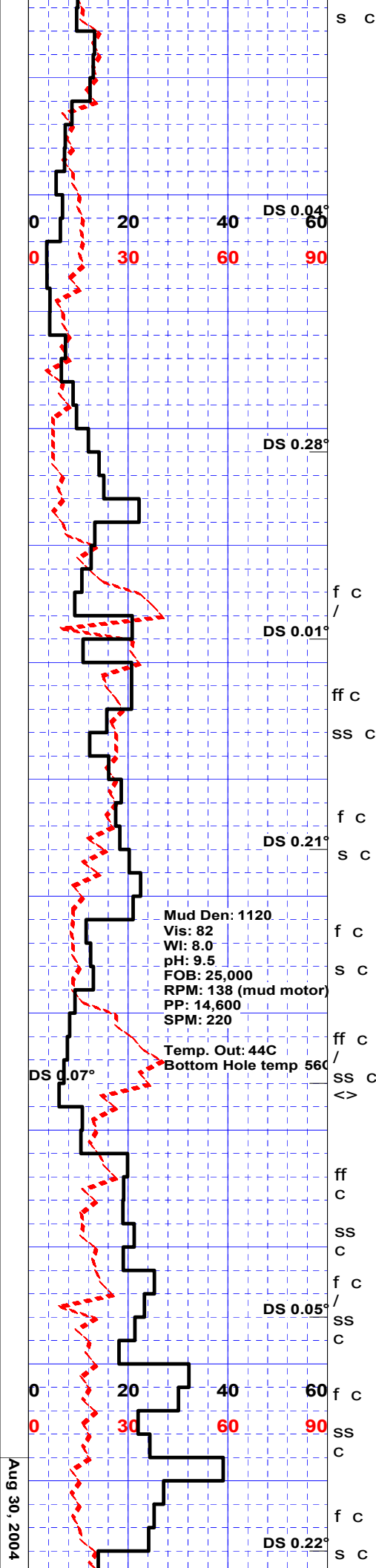
X

W r
W r

Ss: lt gy - lt - m brnsh gy, qtzs, tr glau, tr dk lit grs, tr dism pyr, slt - v f gred, sbrddd, w srt, fri - modly hd, calc / mnr arg cmt, mainly tt, occ p - f (5-9%) intgran por, tr blk bit stn, scattered dull yel flor, slow mas milky yel wh cut.

Sltst: m - dk brnsh gy, qtzs, v arg, modly hd - v hd, calc & arg cmt, tt, ns.

Ss: aa, bcmg m brn (5%), qtzt, v f gred, v hd, v w cmtd / sil, 5% frac por, com dk brn o stn,



no vis fior, inst mas milky wh cut.

Sh: blk, blkly, sils, modly - v hd, stly ip, sdy ip.

Ss: m brn, < 5% aa, bcmg lt - m brnsh gy, qtzs, tr dk lit grs, slt - v f gred, sbrdd, fri - modly hd, mainly calc cmt, mnr arg & sil cmt, p (5%) - g (15%) intgran por, com scattered dull yel flor, tr l - m brn o stn, mod - fast mas milky wh cut.

Sh: blk, blkly, sils, modly - v hd, stly ip, sdy ip.

Sltst: dk gy - dk brnsh gy, qtzs, v arg, v hd, calc cmt, tt, ns.

Ss: lt - m brnsh gy, qtzs, tr dk lit grs, slt - v f gred, sbrdd, fri - modly hd, mainly calc cmt, mnr arg & sil cmt, p (5%) - g (15%) intgran por, com scattered dull yel flor, tr l - m brn o stn, mod - fast mas milky wh cut, / tr sh & tr siltst, aa.

Ss: lt - m brnsh gy, qtzs, tr dk lit grs, slt - v f - occlly f (l) gredgred, sbrdd, fri - modly hd, mainly calc cmt, mnr arg & sil cmt, p (5%) - g (15%) intgran por, com scattered dull yel flor, tr l - m brn o stn, mod - fast mas milky wh cut, tr wh calc xls.

Sh: blk, blkly, sils, modly - v hd, stly ip, sdy ip, tr calc filled fracs.

Ss: m brnsh gy, qtzs, slt - f (u) gred, sbrdd - rdd, modly srt, modly hd - fri, v w cmt / calc, tt - f (8%) intgran por, tr - com m brn o stn, tr dull yel flor, mod - fast mas milky wh cut, tr blk lit grs.

Sh: blk, blkly, sils, modly - v hd, stly ip, sdy ip, tr calc filled fracs.

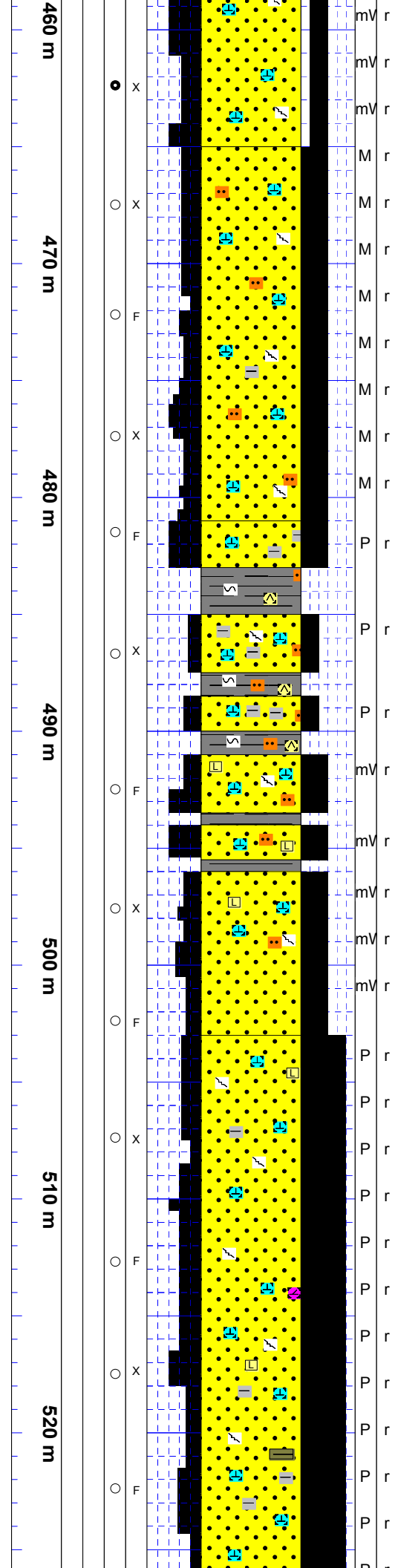
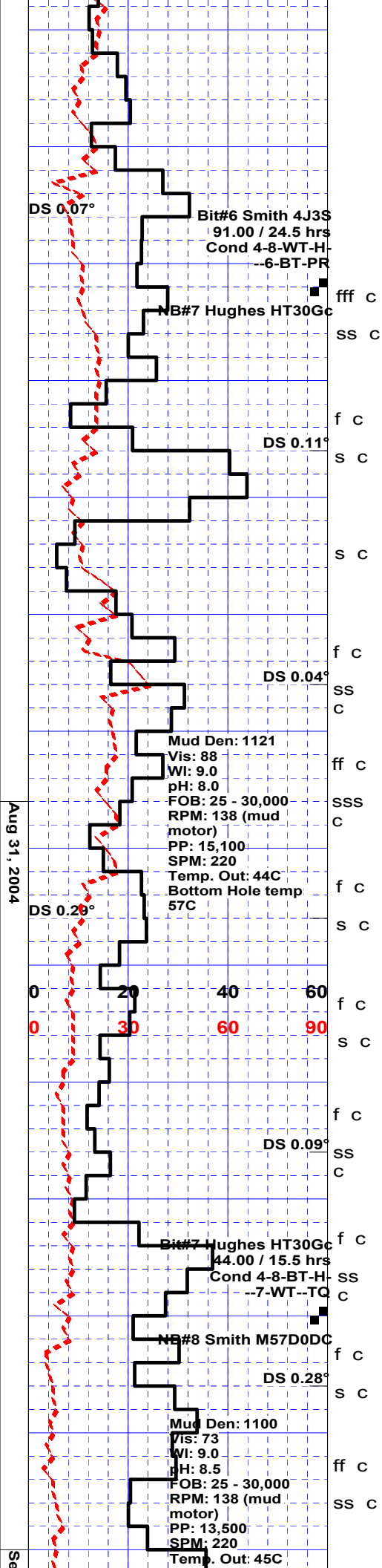
Ss: m brnsh gy, qtzs, slt - f (u) gred, sbrdd - rdd, modly srt, modly hd - fri, v w cmt / calc, tt - f (8%) intgran por, tr - com m brn o stn, tr dull yel flor, mod - fast mas milky wh cut, tr blk lit grs, grdg - siltst, m - dk gy - m - dk gy brn, qtzs, v hd, v w cmt / calc, tt, ns, tr sparry calc lining fracs.

Ss: aa, bcmg lt - m brnsh gy, qtzs, tr - com dk lit grs, slt - v f gred, sbrdd, w srt, fri - modly hd, w cmt / calc, tt - p (5%) intgran por, rr dull yel flor, rr v slow milky yel wh rib cut, tr - com sparry calc filled fracs.

Sh: blk, blkly, sils, modly - v hd, stly ip, sdy ip, tr calc filled fracs.

Ss: lt - m brnsh gy, qtzs, tr - com dk lit grs, slt - v f gred, sbrdd, w srt, fri - modly hd, w cmt / calc, tt - p (5%) intgran por, rr dull yel flor, rr v slow milky yel wh rib cut.

Ss: lt gy - lt brnsh gy - occlly m brnsh gy - occlly lt brn, qtzs, vf - f (u) gred, stly ip, sbrdd,



modly w srt, fri - modly hd, w cmt / calc ip, tt - g (15%) intgran por, abnt bri yel flor, fast bri milky yel wh fib cut, tr calc filled fracs.

Ss: It gy - lt brnsh gy - oclly m brnsh gy - occlly lt brn, qtzs, slt - vf - f (u) gred, sbrdd, modly - w srt, fri - modly hd, w cmt / calc ip, mnr arg, dolic & kaoc cmt, tt - g (15%) intgran & frac por, rr lt brn o stn, rr bri yel flor, fast bri milky yel wh fib cut, tr wh calc xls & sparry calc filled fracs.

Ss: aa, bcmg incrgly arg / m - c gred blk sh clasts.

Sh: blk, blk, sils, modly - v hd, stly ip, sdy ip, tr calc filled fracs.

Ss: It gy - m brnsh gy aa, grdg - dk gy, qtzs, slt - vf gred, v arg, sbrdd, py srt, fri - modly hd, w cmt / calc ip, mnr arg, dolic & kaoc cmt, tt - p (5%) intgran & frac por, ns, tr wh calc xls & sparry calc filled fracs.

Ss: It gy - lt brnsh gy - oclly m brnsh gy - occlly lt brn, dk g (v arg) ip, qtzs, slt - vf - f (u) gred, sbrdd, modly - w srt, fri - modly hd, w cmt / calc ip, mnr arg, dolic & kaoc cmt, tt - g (15%) intgran & frac por, rr lt brn o stn, rr bri yel flor, fast bri milky yel wh fib cut, tr wh calc xls & sparry calc filled fracs.

Ss: It gy - lt brnsh gy - oclly m brnsh gy - occlly lt brn, dk g (v arg) ip, qtzs, tr dk lit grs, slt - vf - f (u) gred, sbrdd, modly - w srt, fri - modly hd, w cmt / calc ip, mnr arg, dolic & kaoc cmt, tt - g (15%) intgran & frac por, rr lt brn o stn, rr bri yel flor, fast bri milky yel wh fib cut, tr wh calc xls & sparry calc filled fracs, also / mnr sh, aa.

Ss: It gy - lt brnsh gy - oclly m brnsh gy - occlly lt brn, qtzs, tr dk lit grs, slt - m (u) gred, sbrdd, py - modly, fri - modly hd, uncons ip, w cmt / calc ip, mnr arg, dolic & kaoc cmt, tt - g (15%) intgran & frac por, rr lt brn o stn, rr bri yel flor, fast bri milky yel wh fib cut, tr - 5% wh calc xls & sparry calc filled fracs, tr pyr.

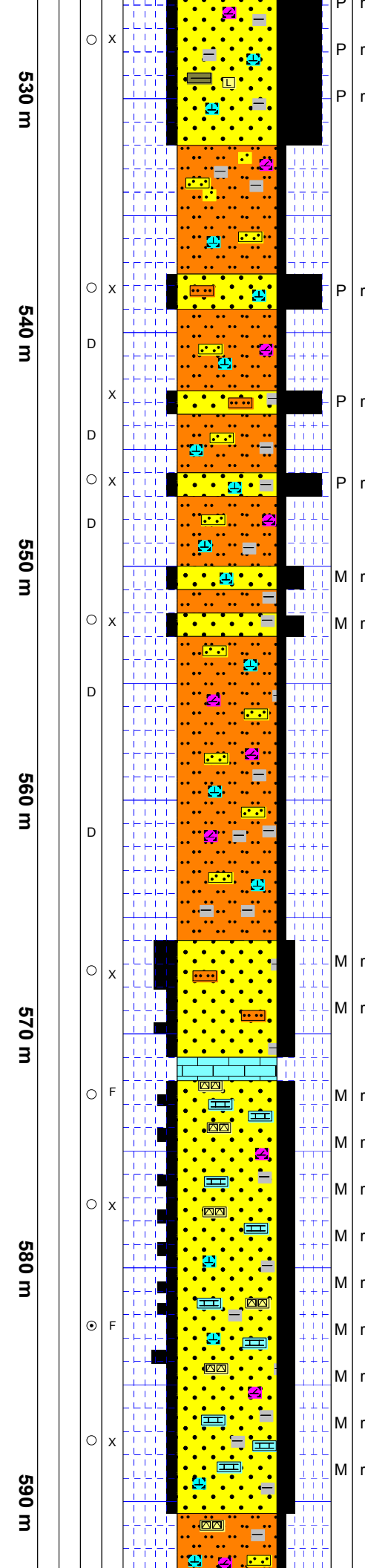
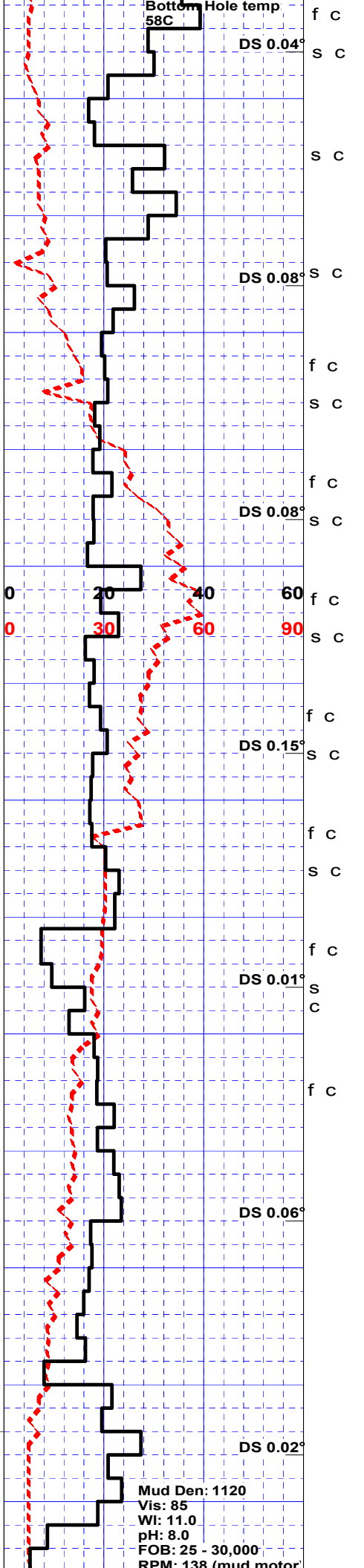
Ss: aa, bcmg incrgly arg towards the bottom of the interval / mnr m gy - lt gnsn gy sdy sh, tr pyr.

Aug 31, 2004

Se

1, 2004

Sep 2, 2004



Ss: lt - m brnsh gy, qtzs (clr & op grs), tr dk lit grs, slt - c (l) gred, sbrdd, py - modly, fri - modly hd, w cmt / calc ip, mnr arg, dolc & kaoc cmt, tt, ns.

Sltst: m - dk brnsh gy, occlly lt gy, qtzs, tr pyr, sdy ip, calc & arg cmt, sily dolc, tt, ns / tr m gnsh gy sh.

Sltst: brnsh blk, qtzs, slt - v f (l) gred, occlly grdg - v f gred ss, v arg, v bits, calc & dol cmt, tt, bit stng throughout, tr - com wh sparry calc filled fracs.

Ss: lt - m brnsh gy, qtzs (clr & op grs), tr dk lit grs, slt - f (l) gred, sbrdd, py - modly, fri - modly hd, w cmt / calc & dol, com arg cmt, tt - p (7%) ingran & frac por, tr m brn o stn, no vis flor, slow milky wh rib cut, tr - com wh sparry calc filled fracs & loose cy xln calc xls.

Sltst: brnsh blk, qtzs, slt - v f (l) gred, occlly grdg - v f gred ss, v arg, v bits, calc & dol cmt, tt, bit stng throughout, tr - com wh sparry calc filled fracs.

Ls: wh - buff - lt gysh brn, micric, chky - micxl, sft - modly hd, sdy & slty ip, sily arg, sly bits, tt, ns.

Ss: lt - m brnsh gy, qtzs (clr & op grs), tr dk lit grs, slt - f (u) gred, sbrdd, modly srt, fri - modly hd, w cmt / calc & dol, com arg cmt, tt - p (7%) ingran & frac por, tr m brn o stn, no vis flor, fast mas milky wh cut.

Chst: lt - m gy, mas ang frags, specd ip, v hd, sdy ip (clr qtzs grs in mtx), tt, ns.

Ss: lt - m brnsh gy, qtzs (clr & op grs), tr dk lit grs, slt - f (u) gred, sbrdd, modly srt, fri - modly hd, w cmt / calc & dol, incrg arg cmt, tt - p (7%) ingran & frac por, tr m brn o stn, no vis flor, fast mas milky wh cut.

Ls: m gysh brn - wh - buff, micric, chky - micxl, sft - modly hd, sdy & slty ip, incrgly arg, sly bits, tt, ns.

Sltst: m gysh brn, qtzs, ssdy, v arg, bits, modly hd, dolc grdg - slty dol, tt, com m brn bit stn, dull yel flor throughout.

PP: 13,200
 SPM: 210 - 220
 Temp. Out: 50C
 Bottom Hole temp 58C

DS 0.04°

DS 0.02°

DS 0.08°

DS 0.21°

Mud Den: 1125
 Vis: 83
 WI: 10.0
 pH: 8.0
 FOB: 25 - 30,000
 RPM: 138 (mud motor)
 PP: 13,100
 SPM: 210 - 220
 Temp. Out: 44C
 Bottom Hole temp 55C

DS 0.04°

DS 0.21°

DS 0.04°

600 m

610 m

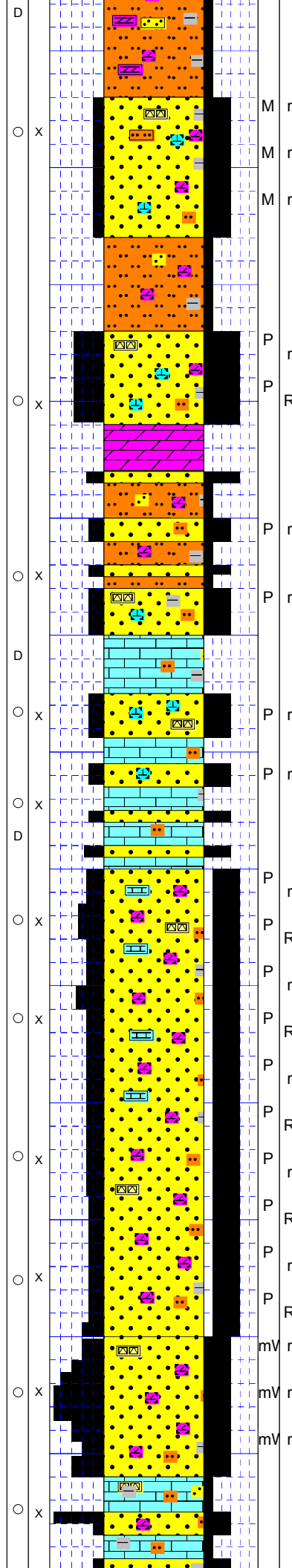
620 m

630 m

640 m

650 m

660 m



Ss: m gysh brn, qtzs (clr & op grs), tr dk lit grs, slt - f (u) gred, sbrdd, modly srt, fri - modly hd, w cmt / calc & dol, v arg, tt - p (7%) ingran & frac por, tr m brn o stn, dull yel flor throughout, fast mas milky wh cut.

Ss: lt - m gysh brn, qtzs (mainly clr grs), tr dk lit grs, slt - m (l) gred, rdd - sbrdd, p srt, modly hd, v calcs, sily arg, tt - p (5%) intgran por, no vis flor, slow mas milky wh cut.

Slst: grd g ip to slty dol, dk brnsh gy, occlly lt gy, qtzs, v arg, v dolic, tt, pyrbits, tr dism pyr.

Ss: aa / tr, dol cmt, occlly g (15%) por, tr lt brn o stn, tr cht, wh - lt gy, mas, ang frags.

Dol: m - dk brnsh gy, micxl, v hd, slty, tt, pyrbits / tr cht, lt gy, mas, ang frags.

Slst: m gy - m brnsh gy, qtzs, v hd, v dolic, tt, pyrbits.

Ss: m gy - m brnsh gy, qtzs, slt - f (u) gred, sbrdd - rdd, py - modly srt, modly hd, v arg, dol & calc cmt, tt - p (5%) intgran por, no vis flor, slow milky wh mas cut.

Ls: blk - dk gy, micxl - micric, v arg, sdy, slty, sily dolic, v hd, tt, pyrbits, no vis flor, v slow dull yel rib cut, tr wh calc xls, also /cht (tr), lt gy, mas, ang frags.

Ss: lt gysh brn - m gy, qtzs, slt - f (u) gred, sbrdd - rdd, py - modly srt, v hd, v arg, calcs cmt, tt, pyrbits, no vis flor, slow milky wh mas cut.

Ls: dk brnsh gy - blk, micxl - micric, occlly chky, tr wh - lt brn calc xls, slty, sdy, v hd, tt, pyrbits / tr lt gy cht (foss).

Ss: aa, bcmg v f - m (l) gred / fr - g (15%) intgran por, tr blk bit stn, com - abnt yel flor, slow mas milky wh cut.

Ls: aa, pyrbits, tr - 5% cht, lt gy, mas, ang frags.

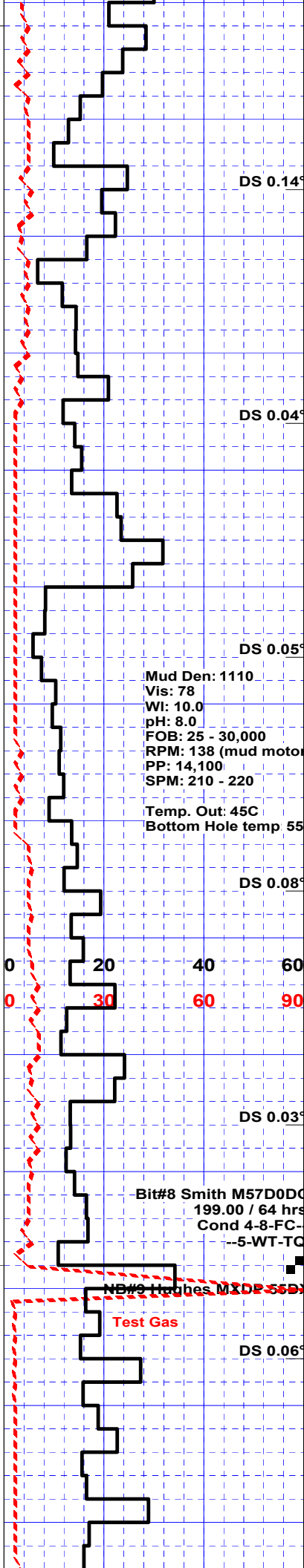
Ss: lt gysh brn, qtzs, tr - com dk - occlly var cold lit grs, slt - m (l) gred, sbrd - rdd, py srt, occlly w srt, sil & dol cmt, modly hd - fri, occlly v hd, tt - g (15%) intgran por, com blk bit stn, com - abnt yel flor, slow mas milky wh cut.

Ss: wh - lt gy - lt gysh brn, qtzs, tr - com dk - occlly var cold lit grs, slt - f gred, sbrd - rdd, py srt, occlly w srt, dol cmt, modly hd - fri, occlly v hd, tt - ex (25%) intgran por, com blk pyrbit specs, tr lt gy - wh cht frags.

Ls: buff - dk gysh brn, crpxl - micxl, micric ip, v hd, arg, slty ip, tt, pyrbits ip / tr - com lt - m gy cht frags.

Sep 3, 2004

Sep 4, 2004



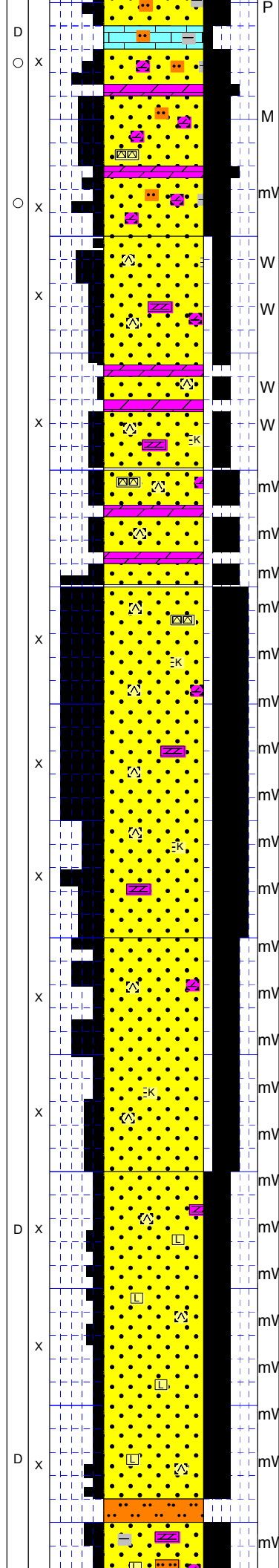
Mud Den: 1110
 Vis: 78
 WI: 10.0
 pH: 8.0
 FOB: 25 - 30,000
 RPM: 138 (mud motor)
 PP: 14,100
 SPM: 210 - 220
 Temp. Out: 45C
 Bottom Hole temp 55

Bit#8 Smith M57D0DC
 199.00 / 64 hrs
 Cond 4-8-FC
 --5-WT-TC

NB#2 Hughes MXP-SSDX

f c
s c

0 m
670 m
680 m
690 m
700 m
710 m
720 m



Dol: lt - m brn, crpxl - m xln, v hd, tt, ns.

Ss: wh - lt gy - lt gysh brn, qtzs, tr - com dk - occlly var cold lit grs, slt - f gred, sbrd - rdd, py srt, occlly w srt, dol cmt, modly hd - fri, occlly v hd, tt - g (15%) intgran por, com blk pyrbit specs, tr - com m brn o stn, com dull yel flor, mod mas milky wh cut, tr lt gy - wh cht frags, also / dol (up to 5%), aa & tr sh, blk, blk, bits, v hd.

Ss: wh, qtzs, v f - f (u) gred, w srt, sbrdd - rdd, modly hd, mainly sil cmt, mnr dol cmt, mnr wh kaot grs & cmt, v p (3%) - fr (12%) intgran por, tr - com blk pyrbit / tr dol, dk gysh brn, crpxl - cy xln, v hd, v sily calcs, tt, ns.

Ss: aa, v f - m gred, tr m brn o stn, / tr sh, blk, blk, v hd, bits, also / tr cht, lt - m gy, foss, mas, ang frags.

Dol: dk gysh brn, crpxl - cy xln, v hd, v sily calcs, tt, ns.

Ss: wh, qtzs, v f - c gred, w srt, sbrdd - rdd, modly hd, mainly sil cmt, mnr dol cmt, mnr wh kaot grs & cmt, ex (20%) intgran por, ns.

Dol: dk gysh brn, crpxl - cy xln, v hd, v sily calcs, tt, ns.

Ss: wh, qtzs, v f - m (l) gred, w srt, sbrdd - rdd, modly hd, mainly sil cmt, mnr dol cmt, mnr wh kaot grs & cmt, tt - fr (12%) intgran por, ns.

Ss: wh, qtzs (clr grs), com blk lit grs, slt - f (l) gred, w srt, rdd - sbrdd, modly hd - hd, sil cmt, sily kaocic, tt - p (7%) intgran por, tr blk pyrbit specks / sltst (tr), lt gn, fri, slty, sdy, kaocic, tt, ns, also / sh (tr), blk, blk - sbfis, bits, r hd, sils, & / dol (tr), dk gysh brn - occlly buff, crpxl - cy xln, v hd, v sily calcs, foss ip, tt, ns.

Ss: aa, bcmg incrgly slty & arg, dolc ip.

Sltst: dk gy - blk, arg, sdy (clr qtz grs) ip, bits, bd, dolc cmt, tt, ns.

Sep 5, 2004

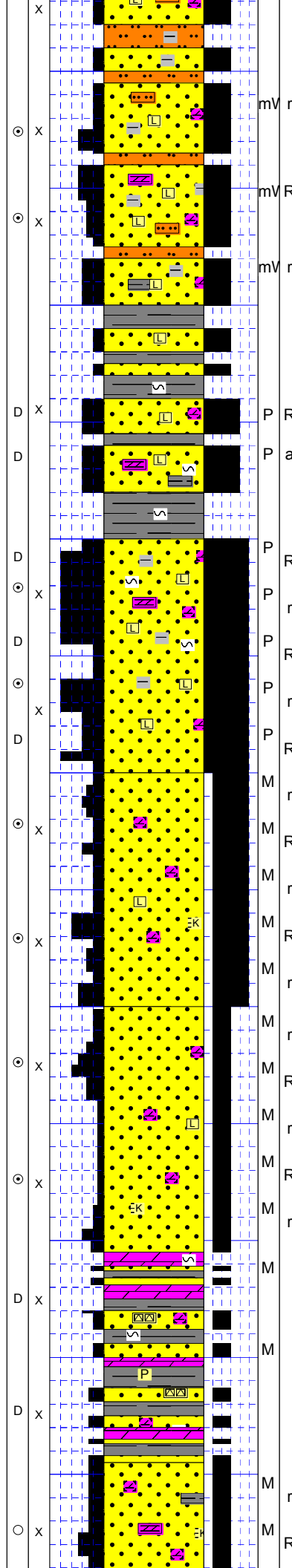
Mud Den: 1100
 Vis: 70
 WI: 10.0
 pH: 8.0
 FOB: 25 - 30,000
 RPM: 138 (mud moto)
 PP: 12,300
 SPM: 200

Temp. Out: 45C
 Bottom Hole temp 48

DS 0.07°
 DS 0.07°
 DS 0.05°
 DS 0.04°
 DS 0.04°
 DS 0.03°
 DS 0.07°

730 m
 740 m
 750 m
 760 m
 770 m
 780 m
 790 m

S C
 f c
 S C
 f c
 S C
 f c, p
 f c



Sh: blk, blk - sbfis, bits, modly hd - hd, sils.

Ss: lt brn - lt gy - occlly wh, qtzs (clr grs), com blk lit grs, slt - f (l) gred, modly - w srt, rdd - sbrdd, modly hd - hd, dol cmt, sily kaolic, arg, tt - fr (12%) intgran por, tr - com lt brn o stn, com - abnt dull yel flor, fast mas milky wh cut, tr blk pyrbit specks.

Ss: m gy, qtzs (clr grs), com blk lit grs, slt - f (l) gred, modly - w srt, rdd - sbrdd, modly hd - hd, dol cmt, sily kaolic, arg, tt - p (5%) intgran por, tr blk pyrbit specks.

Sh: blk, blk - sbfis, bits, v slty ip, sdy ip, modly hd - hd, sils.

Ss: lt gy (20%), qtzs, com dk lit grs & clasts, v f - c gred, rdd - sbrdd, fri, lt arg & sil cmt, py srt, ex (20%) intgran por, abnt blk pyrbit specs / ss (80%), buff, qtzs, slt - m (l) gred, py srt, modly hd, w cmt / dol & arg mat, tt - p (5%) intgran por, tr lt brn o stn, com yel flor, fast mas milky wh cut, also / dol (tr), dk gysh brn - occlly buff, crpxl - cy xln, v hd, v sily calcs, foss ip, tt, ns.

Ss: buff - lt - m brnsh gy, qtzs (clr - trns), tr dk lit grs, v f - m (l) gred / com c grs, rdd - sbrdd, modly srt, fri ip - modly hd, dol cmt, tt - g (15%) intgran por, lt - m brn resld o stn thru, blk pyrbit specs thru, com dull yel flor, insts mas - stmg bri yel wh mky cut, tr - com wh kaot grs, tr blk sh.

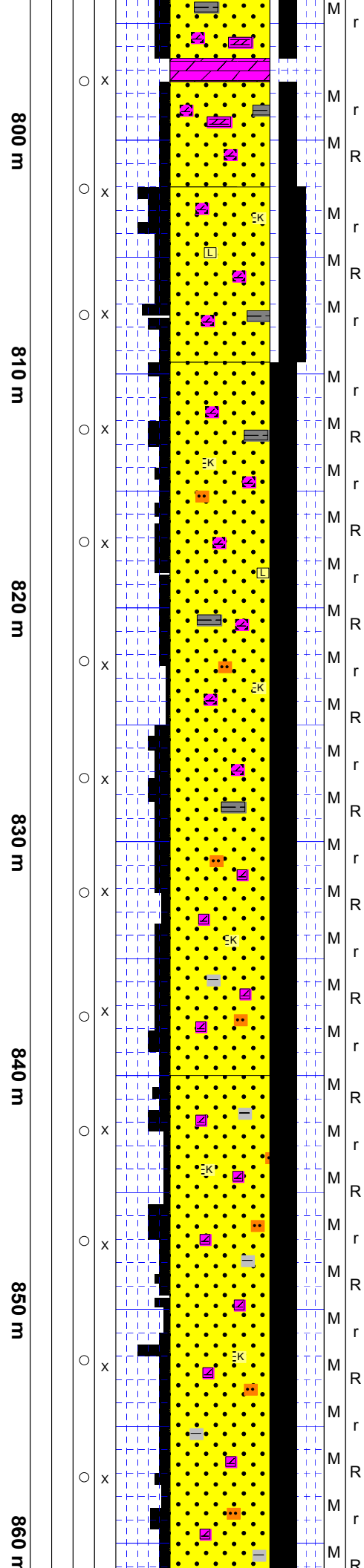
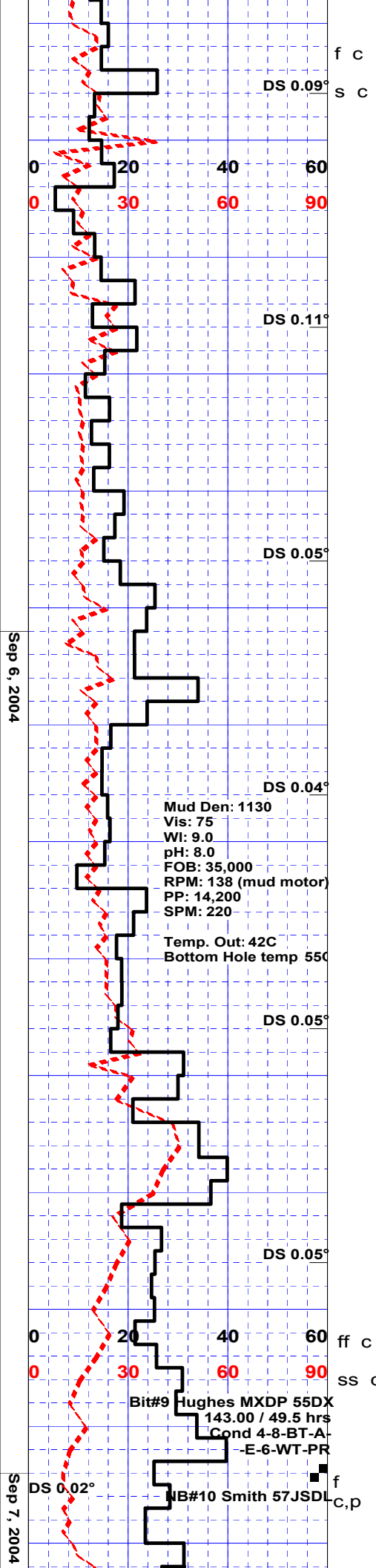
Ss: buff - lt - m brnsh gy, qtzs (clr - trns), tr dk lit grs, v f - f gred, rdd - sbrdd, modly srt, fri ip - modly hd, dol cmt, tt - p (7%) intgran por, rr lt - m brn resld o stn, com blk pyrbit specs, rr shows, tr - com wh kaot grs, tr blk sh.

Ss: aa, occ f (9%) intgran por.

Dol: blk - brnsh blk, micxl, v foss, pyrbits, v hd, slty, arg, tt, ns, / dol (10%), buff, m - c xln, occlly crpxl, tt - p (3%) frac & pp por, tr blk dos, also / com cht frags, lt - m gy, mas, ang, pyric.

Sh: blk, blk - sbfis, bits, com dism pyr, modly hd, sily slty ip.

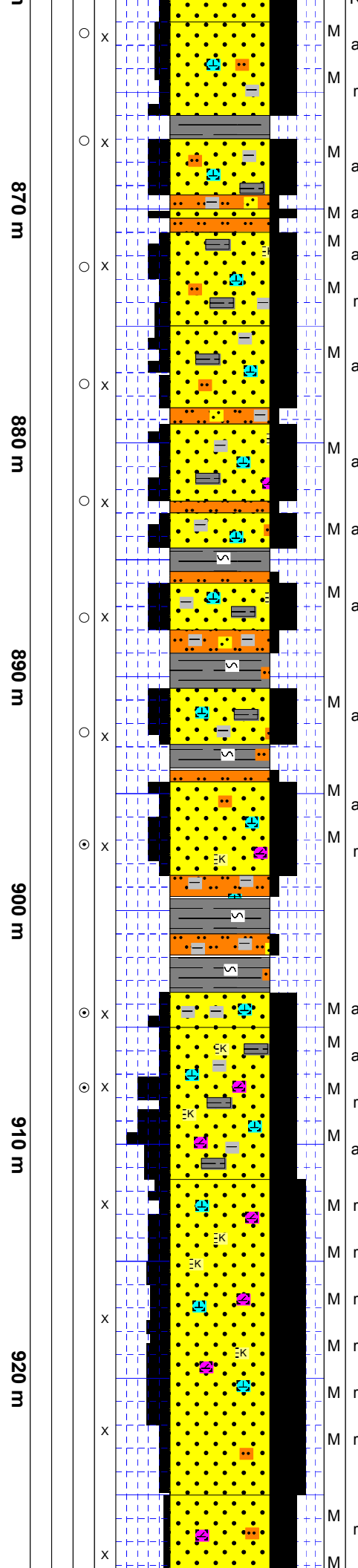
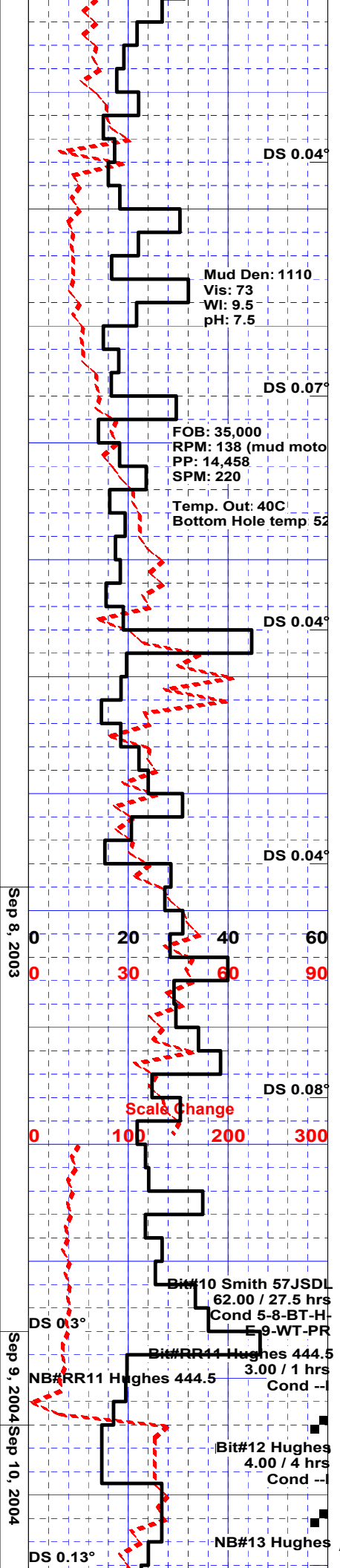
Ss: lt - m brnsh gy, qtzs (clr - trns), tr dk lit grs, v f - f (u) gred, rdd - sbrdd, modly srt, fri ip - modly hd, dol cmt, tt - fr (12%) intgran por, rr - com lt - m brn resld o stn, com blk pyrbit specs, rr shows, tr - com wh kaot grs.



Ss: lt - brnsh gy, qtzs (clr - trnsl), tr dk lit grs, v f - m gred, rdd - sbrdd, modly srt, fri ip - modly hd, dol cmt, tt - g (15%) intgran por, rr m brn resdl o stn, tr - com blk pyrbit specs, tr - com dull yel flor, fast mas - stmg bri mky wh cut, tr - com wh kaot grs, tr blk sh.

Ss: lt - brnsh gy, qtzs (clr - trnsl), tr dk lit grs, slt - f gred, rdd - sbrdd, modly srt, fri ip - modly hd, dol cmt, tt - fr (9%) intgran por, rr m brn resdl o stn, tr - com blk pyrbit specs, rr dull yel flor, fast mas - stmg bri mky wh cut, tr - com wh kaot grs, tr blk sh.

Ss: m brnsh gy, qtzs (clr - trnsl), tr dk lit grs, slt - f gred, rdd - sbrdd, modly srt, fri ip - modly hd, arg ip, dol cmt, tt - fr (9%) - occlly g (15%) intgran por, rr - com lt - m brn o stn, r com blk pyrbit specs, rr - com dull yel flor, fast mas - stmg bri mky wh cut, tr - com wh kaot grs, tr - com blk sh, blk - sbfis, sily bits.



Ss: m brnsh gy - lt gy, qtzs (clr - trnsl), tr dk lit grs, slt - f gred, sbang - sbrdd, modly srt, fri ip - modly hd, arg ip, calc cmt, tt - fr (9%) intgran por, rr lt - m brn o stn, com blk pyrbit specs, rr - com dull yel flor, fast mas - stmg bri mky wh cut, tr - com wh kaot grs.

Sh: blk, blkly - sbfis, bits, com dism pyr, modly hd, sily slty ip.

Ss: m brnsh gy - lt gy - m - dk gy, qtzs (clr - trnsl), tr dk lit grs, slt - f gred, grdg - sdy sltst ip, sbang - sbrdd, py srt, modly hd - hd, v arg ip, calc cmt / mnr dol cmt, tt - fr (9%) intgran por, rr lt - m brn o stn, com blk pyrbit specs, rr - com dull yel flor, slow bri mky wh rib cut, tr - com wh kaot grs.

Sh: blk, blkly - sbfis, bits, com dism pyr, modly hd, sily slty ip grdg - arg sltst ip.

Ss: m brnsh gy - lt gy - m - dk gy, qtzs (clr - trnsl), tr dk lit grs, slt - f gred, grdg - sdy sltst ip, sbang - sbrdd, py srt, modly hd - hd, v arg ip, calc cmt / mnr dol cmt, tt - g (20%) intgran por, rr - com lt - m brn o stn, com blk pyrbit specs, rr - com dull yel flor, slow bri mky wh rib cut, tr - com wh kaot grs.

Sh: blk, blkly - sbfis, bits, com dism pyr, modly hd, sily slty ip grdg - arg sltst ip.

Ss: aa (30%) bcmg wh, qtzs, slt - m gred, py - modly srt, modly hd, sbang - sbrdd, w cmt / calc, mnr dol cmt, fr (9%) intgran por, ns.

Ran 76 joints of 339.7mm, 107.15kg/m, L-80 range 3, BC, new surface casing. Landed at 920.7m. Cemented by Sanjel with 110 tonnes of 0: 1:0 class "G" + 0.5% CFR + 0.4% LTR. Plug down at 00: 15 hrs; 09 - 11 - 2004; with 8.5m3 cement returns to surface.

Cement: very poor sample, cement / ss (5%), c gred qtz grs (rdd - sbrdd) in a dk gy arg mtx, tt, ns.

Sep 14, 2004

Sep

Mud Type: VersaClear
 Mud Den: 845
 Vis: 35
 FOB: 20,000
 RPM: 105(mud motor)
 PP: 9,100
 SPM: 180
 Temp. Out: 22C
 Bottom Hole temp 33

DS 0.23°

Lower Mattson
 (TVD: 939)
 (SSL: -128.60)

0 20 40 60
 0 100 200 300

f c
/

f c

Mud Type:
 VersaClear
 Mud Den: 870
 Vis: 42
 FOB: 25,000
 RPM: 105(mud motor)
 PP: 8,500
 SPM: 90+90
 Temp. Out: 30C
 Bottom Hole temp 30C

930 m

940 m

950 m

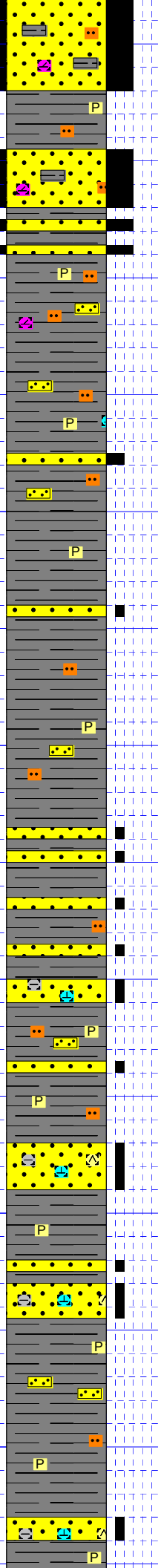
960 m

970 m

980 m

990 m

x



M
r
R Ss: lt - m brnsh gy, occlly wh, qtzs, slt - f gred / com loose c gred qtz grs, sbrdd - rdd, modly srt, hd, dol & sil cmt, mnr arg cmt, tt, com blk bit stn throughout.
Sh: brnsh blk, blkly - sbfis, modly hd, occlly calcs, slty ip.

M
r
M r
M r
R Ss: lt gy, slt - v f gred, sbang - sbrdd, modly - w srt, hd, dol cmt, tt, ns, tr - com dism pyr, occ loose c gred qtz grs.
Sh: dk gy, blkly - sbfis, modly ind, slty, tr dism pyr.
Sh: dk gy - brnsh blk, blkly - sbfis, slly slty, tr dism pyr, bits.
Ss: dk gysh brn, qtzs, slt - v f gred, v arg, hd, dol cmt, slly calcs, tt, ns.

W a
Sh: dk gy - brnsh blk, blkly, sbfis, slly slty, tr dism & occ pyr grs, occ ss strgs, bits, brit.

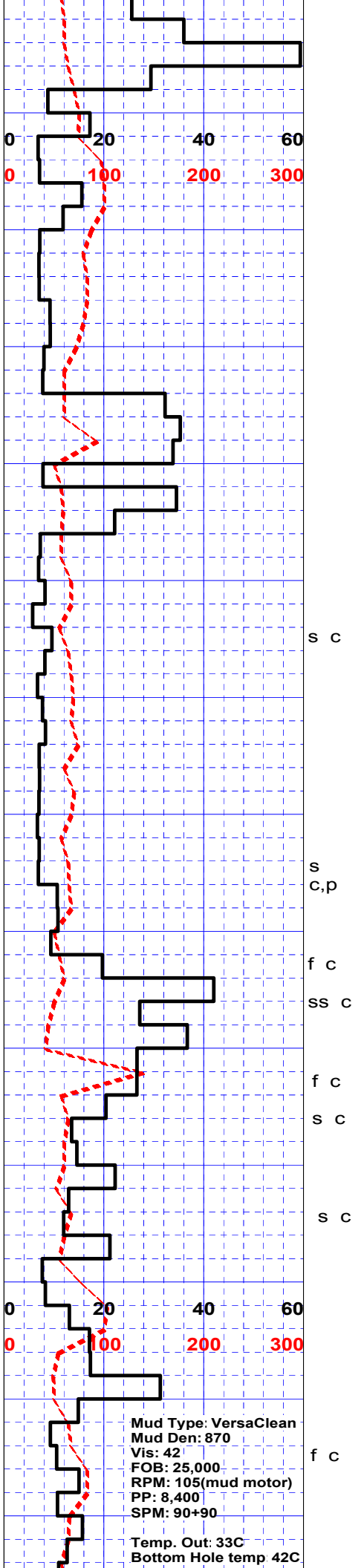
W A
W a
Ss: wh - lt gy - lt brnsh gy, qtzs, vf gred, w srt, sbang - ang, slly slty, fri, arg mtx, sils & mnr calcs cmt, tt - p (1-2%) intgran por, ns.
Sh: dk gy - brnsh blk, blkly, sbfis, slly slty, tr dism & occ pyr grs, occ ss strgs, bits, brit.

W a
A
Ss: wh - lt gy - lt brnsh gy, qtzs, vf gred, w srt, sbang - ang, fri, slly slty, arg mtx, sils & mnr calcs cmt, tt - p (1-2%) intgran por, ns.
Sh: dk gy - brnsh blk, blkly, sbfis, slly slty, tr dism & occ pyr grs, occ ss strgs, bits, brit.

W a
Sh: wh - lt gy - lt brnsh gy, qtzs, vf gred, w srt, sbang - ang, slly slty, fri, arg mtx, sils & mnr calcs cmt, tt - p (1%) intgran por, ns.
Sh: dk gy - brnsh blk, blkly, sbfis, slly slty, tr dism & occ pyr grs, occ ss strgs, bits, brit.

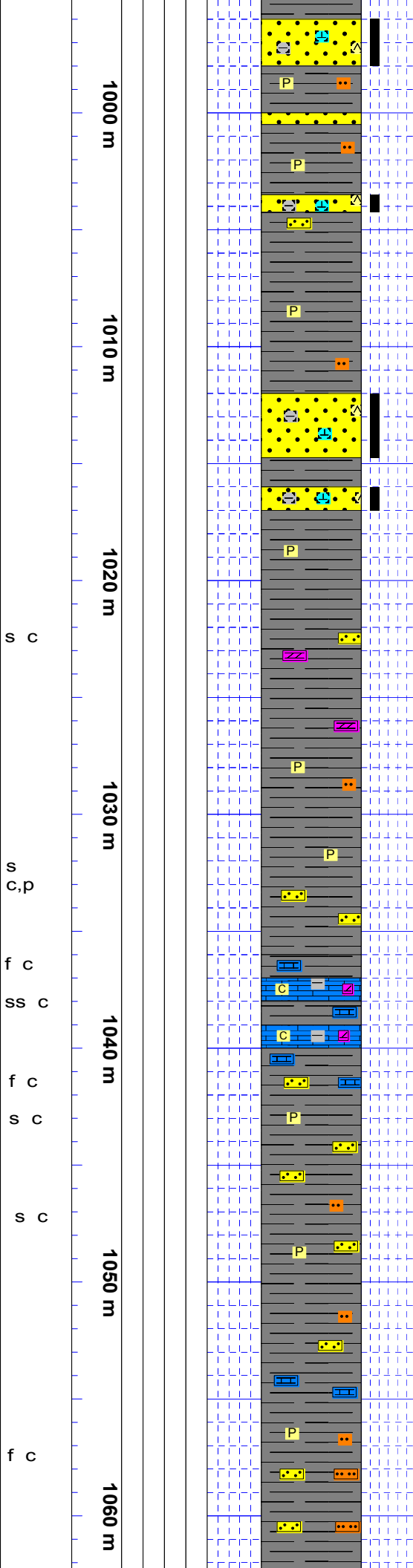
W a
Sh: aa but with occ Crin frags.
Ss: wh - lt gy - lt brnsh gy, qtzs, vf gred, w srt, sbang - ang, slly slty, fri, arg mtx, sils & mnr calcs cmt, tt - p (1%) intgran por, ns.

15, 2004



Mud Type: VersaClean
 Mud Den: 870
 Vis: 42
 FOB: 25,000
 RPM: 105(mud motor)
 PP: 8,400
 SPM: 90+90

Temp. Out: 33C
 Bottom Hole temp 42C



W a
 P
 W a
 P
 W a
 W a
 W a
 P
 s c
 P
 s c, p
 P
 f c
 C
 C
 f c
 P
 s c
 P
 s c
 P
 f c
 P
 P
 P
 f c
 P
 P
 P

W a
 W a
 W a
 Ss: wh - lt gy - lt brnsh gy, qtzs, vf gred, w srt, sbang - ang, sllly slty, fri, arg mtx, sils & mnr calcs cmt, tt - p (1%) intgran por, ns.

1010-1015 Interpreted from drill rate as sample was not caught.

Sh: dk gy - brnsh blk, blkly, sbfis, sllly slty, tr dism & occ pyr grs, rr brn micxl dol strgs, occ ss strgs, bits, brit.

Sh: dk gy - brnsh blk, blkly, sbfis, sllly slty, tr dism & occ pyr grs, rr brn micxl dol strgs, v com ls strgs, occ ss strgs, bits, brit.

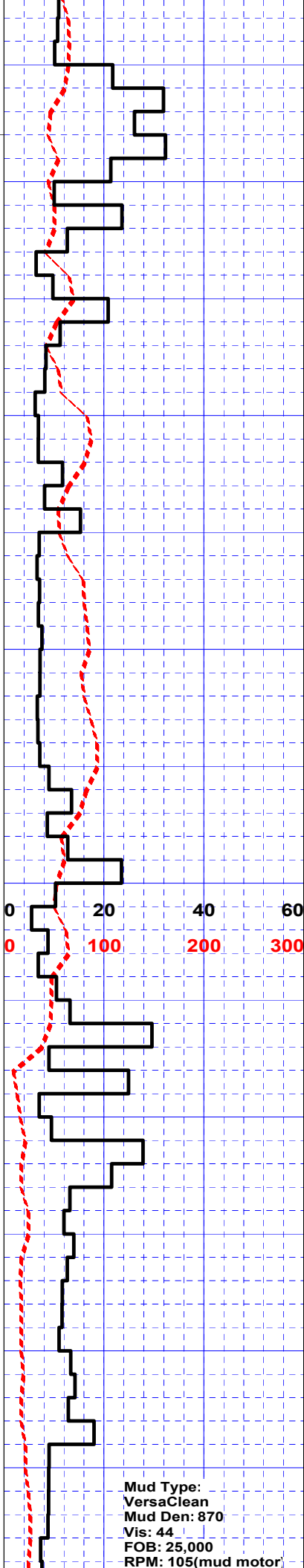
Ls: wh - lt brn - gy, mott ip, micxl - vf xln, semi trnsl ip, chky in mnr pt, arg ip, lime mdst, occ clr - lt gy calc vns, sllly dolic, firm - brit, dns, ns.

Sh: dk gy - brnsh blk, blkly, sbfis, sllly slty, tr dism & occ pyr grs, rr brn micxl dol strgs, v com ls strgs, occ ss strgs, bits, brit.

Sh: dk gy - brnsh blk, blkly, sbfis, sllly slty, tr dism & occ pyr grs, rr Crin frags, rr brn micxl dol strgs, lonly com ls strgs, occ ss & sltst strgs, brit.

Sh: dk gy - brnsh blk, blkly, sbfis, sllly slty, tr dism & occ pyr grs, rr Crin frags, rr brn micxl dol strgs, lonly com ls strgs, occ ss & sltst strgs, brit.

Sep 16, 2004



f c
f c
/ s p

1070 m

1080 m

1090 m

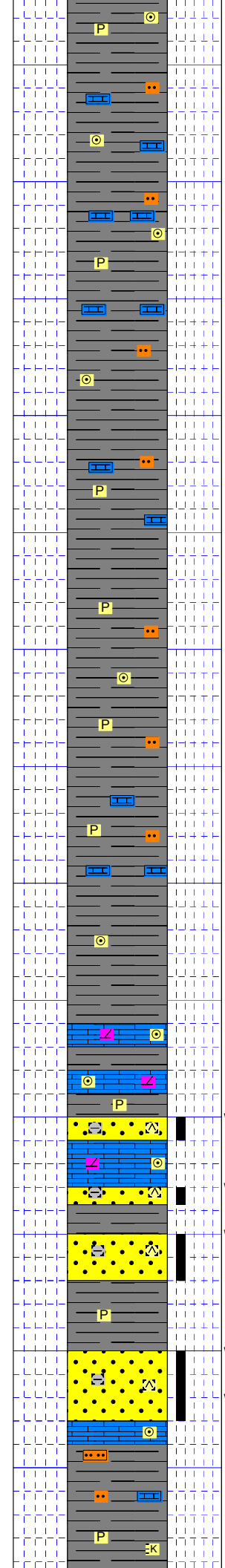
1100 m

1110 m

1120 m

11

Mud Type:
VersaClean
Mud Den: 870
Vis: 44
FOB: 25,000
RPM: 105(mud motor)



stgs, brit.

Sh: dk gy - brnsh blk, blk, sbfis, sly slty, tr
dism & occ pyr grs, rr Crin frags, rr brn micxl
dol strgs, locky com ls strgs, occ ss & sltst
strgs, brit.

Sh: dk gy - brnsh blk, blk, sbfis, sly slty, tr
dism & occ pyr grs, rr Crin frags, rr brn micxl
dol strgs, locky com ls strgs, occ ss & sltst
strgs, brit.

Sh: dk gy - brnsh blk mott / wh ip, blk, sbfis,
sly slty, tr disp & occ pyr grs, rr Crin frags, rr
brn micxl dol strgs, locky com ls strgs, occ ss
& sltst strgs, brit.

Sh: dk gy - brnsh blk mott / wh ip, blk, sbfis,
sly slty, tr disp & occ pyr grs, rr Crin frags, rr
brn micxl dol strgs, locky com ls strgs, occ ss
& sltst strgs, brit.

Ls: wh - lt brn - gy, mott ip, micxl - vf xln,
semi trnsl ip, chky in mntr pt, arg ip, lime
mdst, occ clr - lt gy calc vns, com Crin frags,
sly dolc in mntr pt, firm - brit, dns, ns.

Ss: lt gy - v lt brnsh gy, qtzs, vf gred, w srt,
sbrd - ang, slty, fri, arg mtx, sils cmt, tt - p
(1%) intgran por, ns.

Ss: lt gy - lt brnsh gy, qtzs, vf gred, w srt,
sbrd - ang, slty, fri, arg mtx, sils cmt, tt - p
(1%) intgran por, ns.

Ls: wh - lt brn - gy, mott ip, micxl - vf xln,
semi trnsl ip, chky in mntr pt, arg ip, lime
mdst, occ clr - lt gy calc vns, com Crin frags,
sly dolc in mntr pt, firm - brit, dns, ns.

Sh: dk gy - brnsh blk mott / wh ip, blk, sbfis,
sly slty, tr disp & occ pyr grs, rr Crin frags, rr

PP: 9,300
SPM: 90+90

Temp. Out: 33C
Bottom Hole temp
42C

f c

/

f c

f c,p

30 m

1140 m

1150 m

1160 m

1170 m

1180 m

1190 m

0 20 40 60
0 100 200 300

Sep 17, 2004

brn micxl dol strgs, occ ls strgs, com wh kao strgs, occ ss & sltst strgs, brit.

W a

Ss: lt gy - lt brnsh gy, qtzs, vf gred, w srt, sbrd - ang, slty, fri, arg mtx, sils cmt, tt - p (1%) intgran por, ns.

Sh: dk gy - brnsh blk mott / wh ip, blk, sbfis, slly slty, carb ip, tr dism & occ pyr grs, rr Crin frags, rr brn micxl dol strgs, occ ls strgs, occ wh kao strgs, occ ss & sltst strgs, brit.

Sh: dk gy - brnsh blk mott / wh ip, blk, sbfis, slly slty, carb ip, tr dism & occ pyr grs, rr Crin frags, rr brn micxl dol strgs, occ ls strgs, occ wh kao strgs, occ ss & sltst strgs, brit.

Interpreted from drill rate as the sample was missed.

Sh: dk gy - dk brnsh gy - brnsh blk, blk, sbfis, slly slty, carb ip, tr dism & occ pyr grs, rr Crin frags, occ ls strgs, occ wh kao strgs, occ ss & sltst strgs, brit.

Sh: dk gy - dk brnsh gy - brnsh blk, blk, sbfis, slly slty, carb ip, tr dism & occ pyr grs, rr Crin frags, occ ls strgs, occ wh kao strgs, occ ss & sltst strgs, brit.

Sh: dk gy - dk brnsh gy - brnsh blk, blk, sbfis, slly slty, carb ip, tr dism & occ pyr grs, rr Crin frags, occ ls strgs, occ wh kao strgs, occ ss & sltst strgs, brit.

Sh: dk gy - dk brnsh gy - brnsh blk, blk, sbfis, slly slty, carb ip, tr dism & occ pyr grs, rr Crin frags, occ ls strgs, occ wh kao strgs, occ ss & sltst strgs, brit.

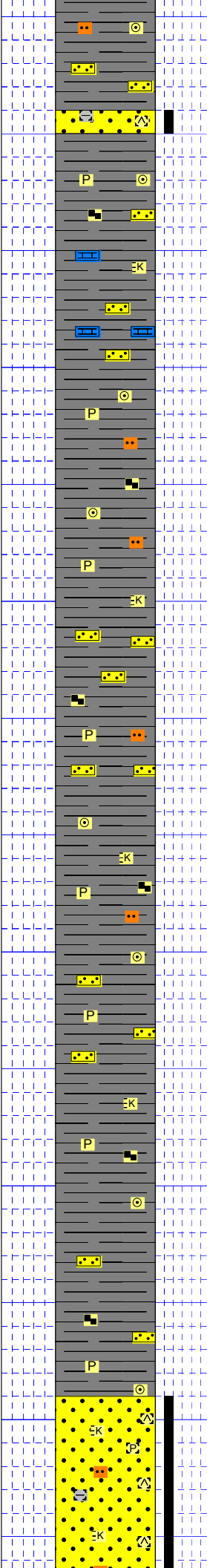
W A

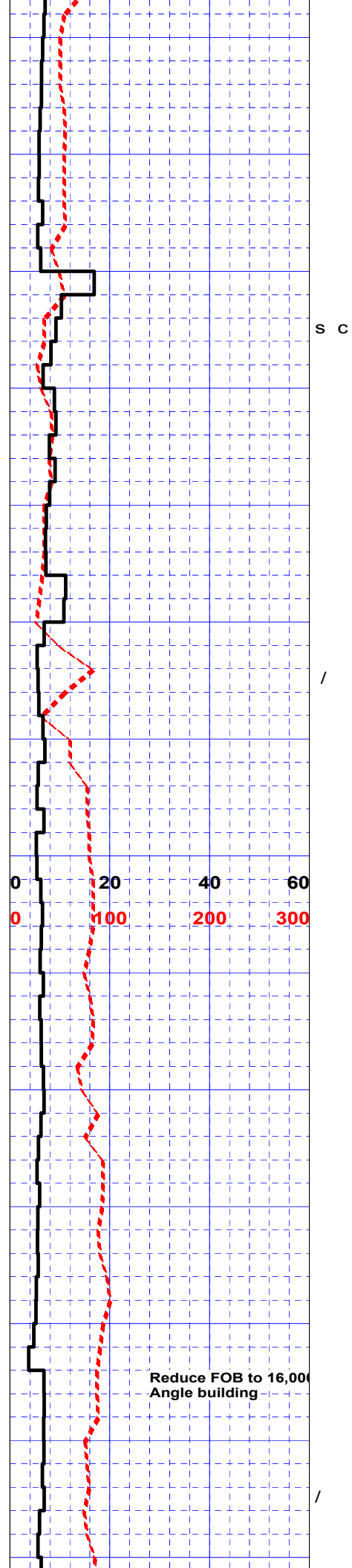
Ss: lt gy - lt brnsh gy - rrlly dk gy, qtzs, vf gred, w srt, sbrd - ang, locky com wh kao? strgs / carb lam, slly slty ip, fri - brit, arg mtx ip, sils & mnr loc pyric cmt, tt - p (1%) intgran por, ns.

W r

W A

W r





1270 m

1280 m

1290 m

1300 m

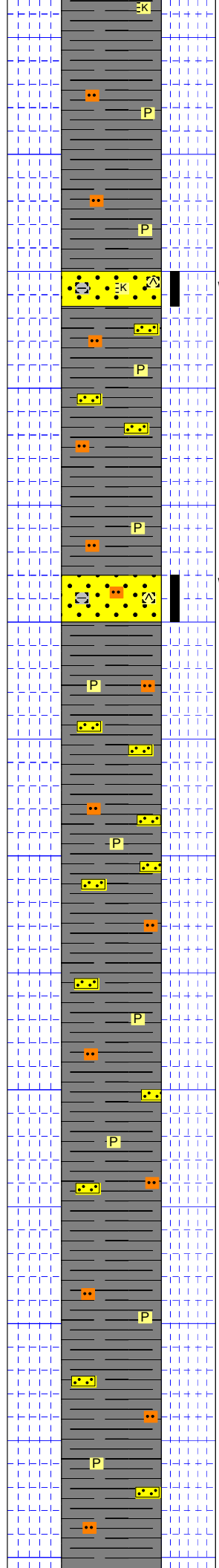
1310 m

1320 m

1330 m

0 20 40 60
0 100 200 300

Reduce FOB to 16,000
Angle building



Sh: dk gy - dk brnsh gy - brnsh blk, blk, sbfis, sily slty, carb ip, tr dism & occ pyr grs, occ wh kao strgs, occ ss & sltst strgs, brit.

W a Ss: lt gy - lt brnsh gy - rrlly dk gy, qtzs, vf gred, w srt, sbrd - ang, apps vit ip, locly com wh kao? strgs / carb lam, sily slty ip, fri - brit, arg mtx ip, sils & mnr loc pyric cmt, tt - p (1%) intgran por, ns.

Sh: aa with occ ls strgs.

W a Ss: lt gy - lt brnsh gy - rrlly dk gy, qtzs, vf gred, w srt, sbrd - ang, apps vit ip, locly com wh kao? strgs / carb lam, sily slty ip, fri - brit, arg mtx ip, sils & mnr loc pyric cmt, tt - p (1%) intgran por, ns.

Sh: dk gy - dk brnsh gy - brnsh blk, blk, sbfis, sily slty, carb ip, tr dism & occ pyr grs, occ wh kao strgs, occ ss & sltst strgs, brit.

Sh: dk gy - dk brnsh gy - brnsh blk, blk, sbfis, sily slty, carb ip, tr dism & occ pyr grs, occ wh kao strgs, occ ss & sltst strgs, brit.

Sh: dk gy - dk brnsh gy - brnsh blk, blk, sbfis, sily slty, carb ip, tr dism & occ pyr grs, occ wh kao strgs, occ ss & sltst strgs, brit.

Sh: dk gy - dk brnsh gy - brnsh blk, blk, sbfis, sily slty, carb ip, tr dism & occ pyr grs, occ wh kao strgs, occ ss & sltst strgs, brit.

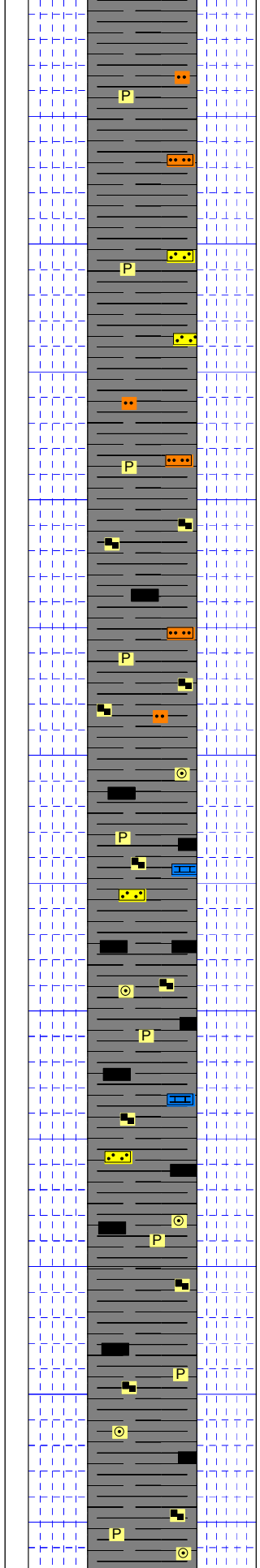
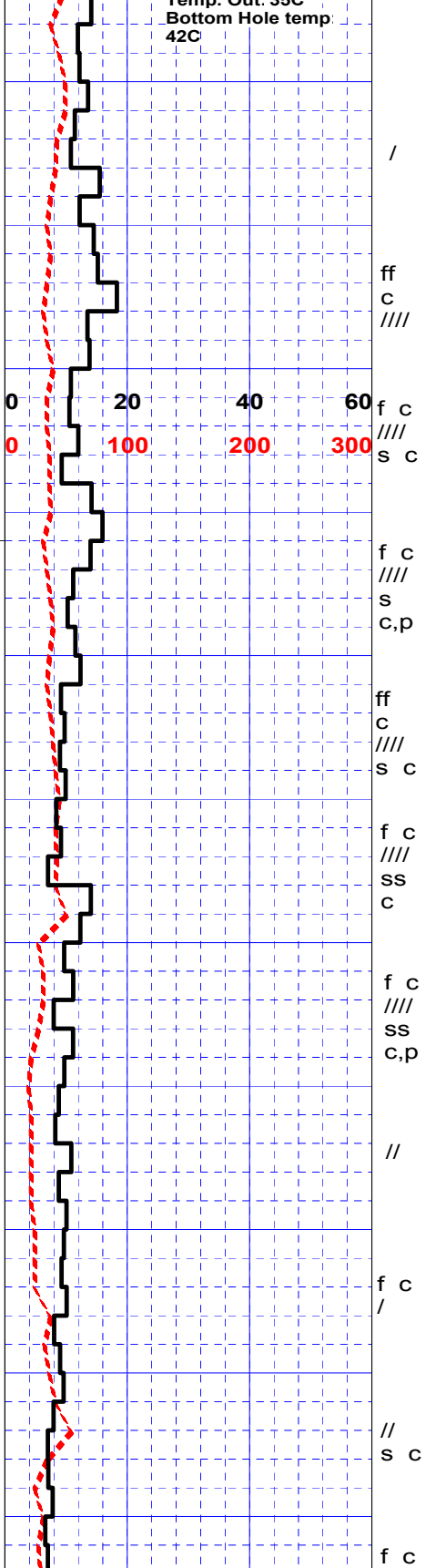
Sh: dk gy - dk brnsh gy - brnsh blk, blk

Sep 19, 2004

Mud Type: VersaClean
Mud Den: 870
Vis: 42
FOB: 16,000
RPM: 105(mud motor)
PP: 10,000
SPM: 90+90.

Temp. Out: 35C
Bottom Hole temp:
42C

m
1340 m
1350 m
1360 m
1370 m
1380 m
1390 m



sbfis, sily slty, carb ip, tr dism & occ pyr grs, occ wh kao strgs, occ ss & sltst strgs, brit.

Sh: dk gy - dk brnsh gy - brnsh blk, blk, sbfis, sily slty, carb ip, tr dism & occ pyr grs, occ wh kao strgs, occ ss & sltst strgs, brit.

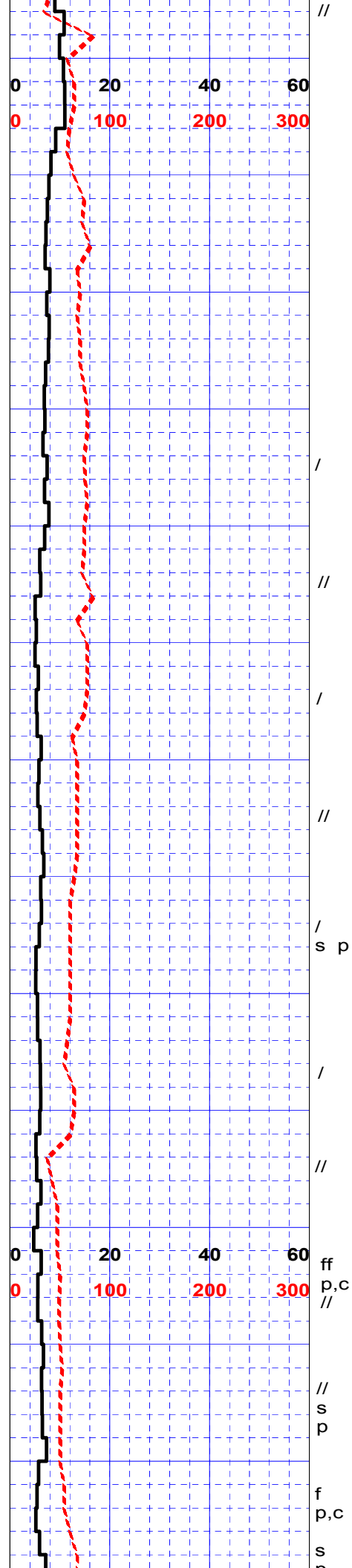
Sh: aa with com v carb to arg coal lam.

Sh: dk gy - blk, tab - blk, fis - sbfis, rthy - rsns, nicnica, rr Crin frags, occ vf gred ss strgs, rr ls strgs, v com carb to arg coal strgs and or lam, sily pyric, brit - hd.

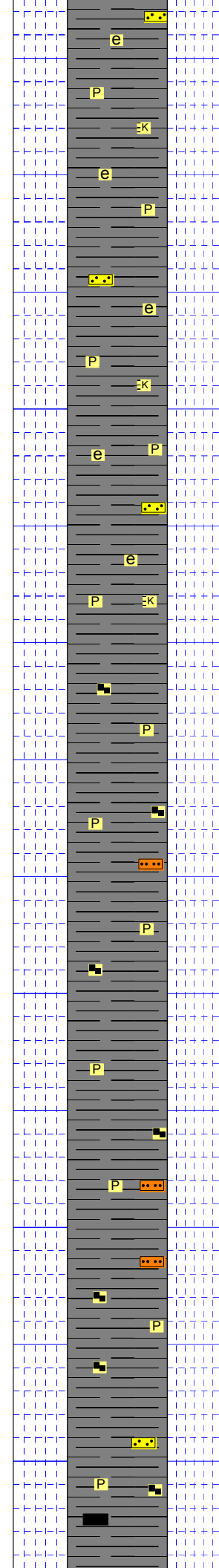
Sh: dk gy - blk, tab - blk, fis - sbfis, rthy - rsns, nicnica, rr Crin frags, occ vf gred ss strgs, rr ls strgs, v com carb to arg coal strgs and or lam, sily pyric, brit - hd.

Sh: dk gy - blk, tab - blk, fis - sbfis, rthy - rsns, nicnica, rr Crin frags, occ vf gred ss strgs, rr ls strgs, v com carb to arg coal strgs and or lam, sily pyric, brit - hd.

Ss: lt gy - lt brnsh, qtzs, vf gred, w srt, sbrd - ang, apps vit ip, slty ip, fri - brit, arg mtx ip, sils cmt, tt - p (1%) intgran por, ns.



1400 m
1410 m
1420 m
1430 m
1440 m
1450 m
1460 m



Sh: brn - dk brnsh gy - blk, mott / wh in mnr pt, blk y - tab, sbfis - fis, mnly rthy, micmica ip, occ wh kao? strgs, sily pyric, rr ss strgs, firm - brit.

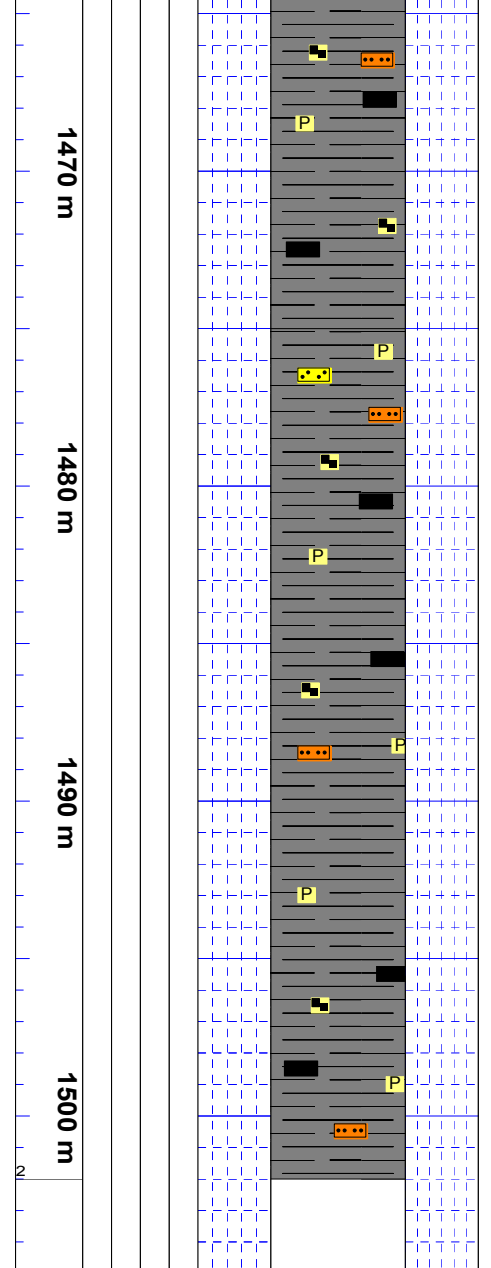
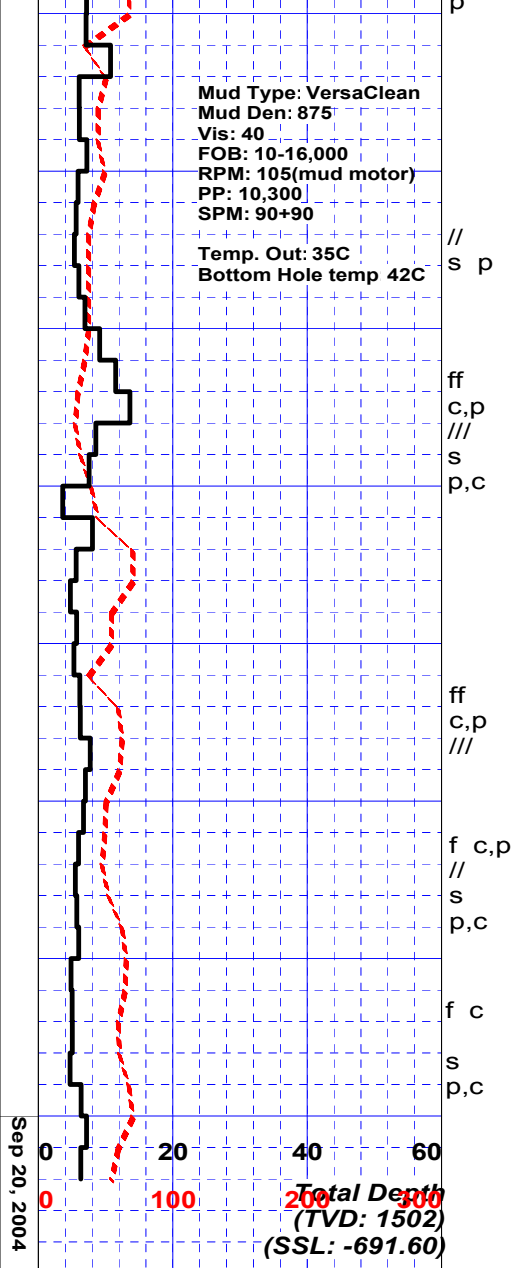
Sh: brn - dk brnsh gy - blk, mott / wh in mnr pt, blk y - tab, sbfis - fis, mnly rthy, micmica ip, occ wh kao? strgs, sily pyric, rr ss strgs, firm - brit.

Sh: dk gy - blk, tab - blk y, fis - sbfis, rthy - rsns, micnica, occ vf gred ss strgs, rr sltst strgs, carb ip, sily pyric, brit - hd. Also sh aa but dechr with depth.

Sh: dk gy - blk, tab - blk y, fis - sbfis, rthy - rsns, micnica, occ vf gred ss strgs, rr sltst strgs, carb ip, sily pyric, brit - hd.

Sh: dk gy - blk, tab - blk y, fis - sbfis, rthy - rsns, micnica, occ vf gred ss strgs, rr sltst strgs, carb ip / occ arg coal strgs and or lam, sily pyric, brit - hd.

Sh: dk gy - blk, tab - blk y, fis - sbfis, rthy - rsns, micnica, occ vf gred ss strgs, rr sltst strgs, carb ip / occ arg coal strgs and or lam, sily pyric, brit - hd.



Sh: dk gy - blk, tab - blk, fis - sbfis, rthy - rsns, micnica, occ vf gred ss strgs, rr sltst strgs, carb ip / occ arg coal strgs and or lam, sily pyric, brit - hd.

1480-1485: interpreted from drill rate as the sample was missed.

Sh: dk gy - blk, tab - blk, fis - sbfis, rthy - rsns, micnica, occ vf gred ss strgs, rr sltst strgs, carb ip / occ arg coal strgs and or lam, sily pyric, brit - hd.

Sh: dk gy - blk, tab - blk, fis - sbfis, rthy - rsns, micnica, occ vf gred ss strgs, rr sltst strgs, carb ip / occ arg coal strgs and or lam, sily pyric, brit - hd.

Kick off point

End of Devon et al Kotaneelee L-38, directional tools stuck in hole. See L-38 Sidetrack 1 for continuation of strip log.

Sep 20, 2004

Total Depth
(TVD: 1502)
(SSL: -691.60)