

OPERATOR <i>MCDERMONT G.C.C.</i>		LEASE <i>MC DERMONT NORTH 24</i>		WELL NO. <i>45</i>		FIELD OR DIST.	
CONTRACTOR S & T DRILLING (WESTERN) CO. LTD.		RIG NO. <i>11</i>	DRILL PIPE STRING NO. <i>2</i> SIZE <i>4</i>	TOOL JOINT <i>5</i>	O.D.	PUMPS	
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>S. J. Patterson</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>A. B. Yelving</i>		NO.	MANUFACTURER	TYPE	STROKE LENGTH
				1.	<i>N.S.C.C.</i>	<i>4.330</i>	<i>14</i>
				2.	<i>N.S.C.C.</i>	<i>4.330</i>	<i>14</i>
				3.			

TIME DISTRIBUTION-HOURS			
	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
PAIR RIG			
CORING			
WIRE LINE LOGGING		<i>2 8</i>	
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK			
A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
ALS		<i>2 6</i>	
TIME SUMMARY (OFFICE USE ONLY)			
DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			
WIRE LINE RECORD			
REEL NO.			
NO. OF LINES		SIZE	
FEET SLIPPED			
FEET CUT OFF			
PRESENT LENGTH			
TON MI. OR TRIPS SINCE LAST CUT			
CUMULATIVE TON MI. OR TRIPS			
NO. OF DAYS FROM SPUD			
CUMULATIVE ROTATING HRS.			

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE	
	STANDS D.P.	FT.	BIT NO.	TIME	TIME				FROM	
	SINGLES D.P.	FT.	SIZE	WEIGHT						
	D.C.		MFG.	VISC.-SEC						<i>7824</i>
	I.D. O.D.	FT.	TYPE	W.L.-C.C.						
	D.C.		NOZZLE NO.	FLTR. CK.						
	I.D. O.D.	FT.	NOZZLE SIZE	PH						DEVIATION RECORD
	STB. BODY O.D.	FT.	SER. NO.	SD. CONT. %						TIME LOG
	STB. BODY O.D.	FT.	DEPTH OUT	PRESSURE GRADIENT						FROM TO
	RMR. BODY O.D.	FT.	DEPTH IN							<i>12.00 8.00</i>
	SUBS O.D.	FT.	TOTAL FTG.	MUD & CHEMICALS ADDED						
	BIT OR C.B.	FT.	TOTAL HR. RUN	TYPE	AMT.	TYPE	AMT.			
	KELLY DOWN	FT.	COND. OF BIT							
	TOTAL	FT.	REAMER NO.							
	WT. OF STRING	LBS.	REAMER TYPE	DRILLER <i>A. B. Yelving</i>						

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE	
	STANDS D.P.	FT.	BIT NO.	TIME	TIME				FROM	
	SINGLES D.P.	FT.	SIZE	WEIGHT						
	D.C.		MFG.	VISC.-SEC						
	I.D. O.D.	FT.	TYPE	W.L.-C.C.						
	D.C.		NOZZLE NO.	FLTR. CK.						
	I.D. O.D.	FT.	NOZZLE SIZE	PH						DEVIATION RECORD
	STB. BODY O.D.	FT.	SER. NO.	SD. CONT. %						TIME LOG
	STB. BODY O.D.	FT.	DEPTH OUT	PRESSURE GRADIENT						FROM TO
	RMR. BODY O.D.	FT.	DEPTH IN							<i>8.00 11.00</i>
	SUBS O.D.	FT.	TOTAL FTG.	MUD & CHEMICALS ADDED						
	BIT OR C.B.	FT.	TOTAL HR. RUN	TYPE	AMT.	TYPE	AMT.			
	KELLY DOWN	FT.	COND. OF BIT							
	TOTAL	FT.	REAMER NO.							
	WT. OF STRING	LBS.	REAMER TYPE	DRILLER <i>E. J. Cameron</i>						

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE	
	STANDS D.P.	FT.	BIT NO.	TIME	TIME				FROM	
	SINGLES D.P.	FT.	SIZE	WEIGHT						
	D.C.		MFG.	VISC.-SEC						
	I.D. O.D.	FT.	TYPE	W.L.-C.C.						
	D.C.		NOZZLE NO.	FLTR. CK.						
	I.D. O.D.	FT.	NOZZLE SIZE	PH						DEVIATION RECORD
	STB. BODY O.D.	FT.	SER. NO.	SD. CONT. %						TIME LOG
	STB. BODY O.D.	FT.	DEPTH OUT	PRESSURE GRADIENT						FROM TO
	RMR. BODY O.D.	FT.	DEPTH IN							<i>11.00 12.00</i>
	SUBS O.D.	FT.	TOTAL FTG.	MUD & CHEMICALS ADDED						
	BIT OR C.B.	FT.	TOTAL HR. RUN	TYPE	AMT.	TYPE	AMT.			
	KELLY DOWN	FT.	COND. OF BIT							
	TOTAL	FT.	REAMER NO.							
	WT. OF STRING	LBS.	REAMER TYPE	DRILLER <i>E. J. Cameron</i>						

OPERATOR MCDERMONT G.C.C.		LEASE MCDERMONT NORTH 1/4 T1210R N1/4E ST N.15		WELL NO. 15	FIELD OR DIST.
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CONTRACTOR S & T DRILLING (WESTERN) CO. LTD.		RIG NO. 15	DRILL PIPE STRING NO. 2 SIZE 2 7/8 TYPE THD. 1F	TOOL JOINT 5 O.D.	PUMPS	
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SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>S. G. Patterson</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>C. B. Kellogg</i>		NO.	MANUFACTURER	TYPE	STROKE LENGTH
				1.	NESCO	A 300	11
				2.	NESCO	A 300	14
				3.			

TIME DISTRIBUTION-HOURS				DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE		
MORN	DAY	EVE		NO.	FT.	BIT NO.		TIME				FROM	TO	
				STANDS D.P.		SIZE		WEIGHT						
				SINGLES D.P.		MFG.		VISC.-SEC						
				D.C.		TYPE		W.L.-C.C.						
				I.D. O.D.	FT.	NOZZLE NO.		FLTR. CK.					DEVIATION RECORD	
				D.C.		SIZE		PH					TIME LOG	
				I.D. O.D.	FT.	SER. NO.		SD. CONT. %					FROM	TO
				STB. BODY O.D.	FT.	DEPTH OUT		PRESSURE GRADIENT						
				STB. BODY O.D.	FT.	DEPTH IN								
				RMR. BODY O.D.	FT.	TOTAL FTG.		MUD & CHEMICALS ADDED						
				RMR. BODY O.D.	FT.	TOTAL HR. RUN		TYPE	AMT.	TYPE	AMT.			
				SUBS O.D.	FT.	COND. OF BIT								
				SUBS O.D.	FT.	REAMER NO.								
				WT. OF STRING	LBS.	REAMER TYPE								

TIME DISTRIBUTION-HOURS				DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE		
MORN	DAY	EVE		NO.	FT.	BIT NO.		TIME				FROM	TO	
				STANDS D.P.	70536	SIZE	8 3/8	WEIGHT	7.2	7.2	5.8			
				SINGLES D.P.		MFG.	H.W.	VISC.-SEC	53	58				
				D.C.		TYPE	2 7/8	W.L.-C.C.						
				I.D. O.D.	FT.	NOZZLE NO.	2 7/8	FLTR. CK.					DEVIATION RECORD	
				D.C.		SIZE	OUT	PH					TIME LOG	
				I.D. O.D.	FT.	SER. NO.		SD. CONT. %					FROM	TO
				STB. BODY O.D.	FT.	DEPTH OUT		PRESSURE GRADIENT						
				STB. BODY O.D.	FT.	DEPTH IN								
				RMR. BODY O.D.	FT.	TOTAL FTG.		MUD & CHEMICALS ADDED						
				RMR. BODY O.D.	FT.	TOTAL HR. RUN		TYPE	AMT.	TYPE	AMT.			
				SUBS O.D.	FT.	COND. OF BIT								
				SUBS O.D.	FT.	REAMER NO.								
				WT. OF STRING	LBS.	REAMER TYPE								

TIME DISTRIBUTION-HOURS				DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE		
MORN	DAY	EVE		NO.	FT.	BIT NO.		TIME				FROM	TO	
				STANDS D.P.		SIZE		WEIGHT						
				SINGLES D.P.		MFG.		VISC.-SEC						
				D.C.		TYPE		W.L.-C.C.						
				I.D. O.D.	FT.	NOZZLE NO.		FLTR. CK.					DEVIATION RECORD	
				D.C.		SIZE		PH					TIME LOG	
				I.D. O.D.	FT.	SER. NO.		SD. CONT. %					FROM	TO
				STB. BODY O.D.	FT.	DEPTH OUT		PRESSURE GRADIENT						
				STB. BODY O.D.	FT.	DEPTH IN								
				RMR. BODY O.D.	FT.	TOTAL FTG.		MUD & CHEMICALS ADDED						
				RMR. BODY O.D.	FT.	TOTAL HR. RUN		TYPE	AMT.	TYPE	AMT.			
				SUBS O.D.	FT.	COND. OF BIT								
				SUBS O.D.	FT.	REAMER NO.								
				WT. OF STRING	LBS.	REAMER TYPE								

WIRE LINE RECORD	
REEL NO.	
NO. OF LINES	SIZE
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MARCH 23 1959

WELL NO. A15	FIELD OR DIST. TAYLOR LAKE	COUNTY SUDAN TERR.	STATE CANADA
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PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									
	K 520	14		2 1/2	WALW	5000	27	213	1255	2000	
	K 520	14									

MUD RECORD	FOOTAGE		DR. D RM-R CORE...C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM'D-E
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
15	2800				2 1/2 BRIDGE HEAD BRIDGE #1 PUMP								

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
12:00	1:00	1 1/4		LOGGING W/ SCHUMBERGER = BRIDGE #1788
1:00	1:15	1/4		TEAR OUT - SCHUMBERGER
1:15	2:00	3/4		MAKE UP BIT TUBE TO (2046') BRIDGE #1788
2:00	2:45	3/4		CIRCUIT SERV. RIG.
2:45	3:30	3/4		HUST + HRS 2 SETTING DOWN.
3:30	5:30	2		LOGGING W/ SCHUMBERGER = BRIDGE #1788
5:30				RIG IN TACKLE AND BRIDGE + WIND. MID T. HRS.
	8:00	2 1/2		RE-MAKE BRIDGE #1788 ABOVE = BRIDGE #1756

MUD RECORD	FOOTAGE		DR. D RM-R CORE...C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM'D-E
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
5	40	90			Core Core Below Mud			1400	5 1/2		5 1/2		
5	49	47							x		x		
		8.6							14		14		

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
8:00	10:15	2 1/4		Run in to Bottom
10:15	11:15	1		CLEAN 40 FT TO BOTTOM
11:15	4:00	4 3/4		CIRCUIT SERV. RIG. & MUD

CHEMICALS ADDED		
AMT.	TYPE	AMT.
50	Chemic	50
100		
50		

MUD RECORD	FOOTAGE		DR. D RM-R CORE...C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM'D-E
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
3	700				BRIDGE #1756								

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
4:00	7:00	3		Head to low HLT TIGHT. Make 1200 FT
7:00	7:30	1/2		CIRCUIT SERV. RIG. THROUGH. LIGHT SIGNAL
7:30	8:30	1		FINISH HEADING
8:30	9:45	1 1/4		LOGGING W/ SCHUMBERGER = BRIDGE #1756
9:45	11:15	1 1/2		LOGGING W/ SCHUMBERGER = BRIDGE #1756
11:15	12:00	3/4		CIRCUIT SERV. RIG. & MUD

CHEMICALS ADDED		
AMT.	TYPE	AMT.

WELL NO. 115 FIELD OR DIST. TROPIC LIPS COUNTY SUCON TOWN STATE CALIF.

PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO 5 G. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									
	1-380	14		9 5/8	MHHA	31 1/2	29	20155	1755	2000	11300 L.M. 5 1/2 C.C.I.
	1-380	14									

D RECORD	FOOTAGE		DR-D R.M.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR'EL-P COM'D-G
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
	7804			0									
DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			
TIME LOG		FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
		12:00	12:25	25	BIT LOCATED - MIXING FLUID TO PREPARE MUD - C.P.C.								
		12:45	1:00	15	S.P.M. 50								
CHEMICALS ADDED		AMT.	TYPE	AMT.									
		5.45		2 3/4	BENTONITE - 100# - 7.45 P.M. - 100# BENTONITE								
		5.45		14	CHECK MUD - 100# BENTONITE								
		11:00		14	SERVE MUD								
		11:15		1	L.P.S. CIRCUIT "C" STOP DOWN - SERVICE STOP BIT IN								
		5:15		2 1/2	STOP - CHANGE MUD BIT								
					RUN IN								

D RECORD	FOOTAGE		DR-D R.M.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR'EL-P COM'D-G
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
	7804	FTD			CIRCUIT TO LOG				1500S	1/2	30		
DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			
TIME LOG		FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
		8:00	9:00	1	REPAIR UNDERGROUND HOLES 5 FT								
		9:00	1:00	4	CIRCUIT TO LOG								
		1:00	4:00	3	CIRCUIT TO LOG								
CHEMICALS ADDED		AMT.	TYPE	AMT.									

D RECORD	FOOTAGE		DR-D R.M.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR'EL-P COM'D-G
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
	7804	FTD			CIRCUIT TO LOG				1500S	1/2	30	5 1/2	
DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			
TIME LOG		FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
		4:00	5:15	1 1/4	CIRCUIT TO LOG								
		5:15	6:15	1	MAKE 10 STD DUMMY TAP								
		6:15	7:00	1 1/4	CIRCUIT TO LOG								
CHEMICALS ADDED		AMT.	TYPE	AMT.									
		7:30		3 1/4	Blank well - 4 Hour to log								
		10:45		1 1/4	CIRCUIT TO LOG								

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WELL NO. 115	FIELD OR DIST. TAYLOR LEASE	COUNTY SUKRUT TERR	STATE CALIFORNIA						
PUMPS		SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING TUBING OR LINER						
CC	A-386	14	9 3/8						
CC	A-386	14							

MUD RECORD			FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN	
0	3 00	7 00	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PAR-EL-P COM'D-G	
3	9 2	9 2	7600	7672	0			40	50	1500	5 1/2	70	5 1/2			
7	37	35						40	50	1600	x	x	x			
	13 0										14		14			
	2 32		DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			
0	9 5	9 5	TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS										
			FROM	TO												
			17.00	3.00	3	DRILLING 8 3/4" HOLE.										
			3.00	5.00	4A	SERVICING RIG.										
			3.00	8.00	4 3/4	DRILLING.										
CHEMICALS ADDED																
AMT.	TYPE	AMT.														
50#																

MUD RECORD			FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN	
0	10 00	3 2	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PAR-EL-P COM'D-G	
2	9 2	9 2	7672	7750	0			40	50	1600	5 1/2	70	5 1/2		S	
6	35	35						40	45	1600	x	x	x			
	3 4										14		14			
	3 2		DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			
	0 0	10 2	TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS										
			FROM	TO												
			5.00	10.00	2	DRILL 8 3/4" HOLE										
			10.00	10 1/2	1/4	SERVICE RIG, SURVEY & HYDRIL & Kelly Cook										
			10 1/2	4.00	5 1/4	DRILL 8 3/4" HOLE										
CHEMICALS ADDED																
AMT.	TYPE	AMT.														
20#																
20#																

MUD RECORD			FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN	
0	9 30	11 00	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PAR-EL-P COM'D-G	
7 2	4 2	9 2	7750	7824	0			45	50	1600	5 1/2	70	5 1/2			
8 5	5 3	3 6						45	45	1600	x	x	x			
	3 0	12 5									14		14			
	4 32		DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			
	0 0	9 5	TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS										
			FROM	TO												
			11 00	11 15	1/4	SERVICE RIG										
			11 15	12 00	1 1/2	DRILL 8 3/4" HOLE										
			11 15	12 00	1/4	SERVICE RIG										
CHEMICALS ADDED																
AMT.	TYPE	AMT.														
300																
50#																

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WELL NO. 415 FIELD OR DIST. TAYLOR LAKE COUNTY TARRANT TEXAS STATE TEXAS

PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									
CO	K380	14		2 1/2	MANN	31.255	29	24.5	1255	20.00	430 CM 77.0-21
CO	K380	14									

MUD RECORD	FOOTAGE		DR.-D R.M.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM-D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
00													
27	7468	7485	D			31	19.50	1400	5 1/2	70	5 1/2		5
28						40	40	1400	5 1/2	70	X		
18													
18													

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
152	7468	12°							
10									

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
12.00	1.30	1 1/2		FINISH 267
1.30	1.45	1/4		CHANGE BITS + V B.C.P.S.
1.45	2.00	1/4		SEAL RIG
2.00	2.15	1/4		SLIP LINE 23'
2.15	4.30	2 1/4		R.I. 1 1/4
4.30	5.00	1/2		BREAK CORK + CHECK W. TO BOTTOM.
5.00	7.00	3		DRILLING 3 3/4 HOLE

MUD RECORD	FOOTAGE		DR.-D R.M.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM-D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
0	11.02	3 1/2											
3	7.3	7.3	D			40	40	1400	5 1/2	70	5 1/2		
7	37	38							X		X		
16									14		14		
32													

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
7.0	10.0	10.0							

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
8.00	10.00	2		DRILL 5 3/4" HOLE
10.00	10.15	1/4		SERVICE RIG SWITCH HYDRAULIC + KELLEY GASK
10.15	4.00	5 3/4		DRILL 5 3/4" HOLE

MUD RECORD	FOOTAGE		DR.-D R.M.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM-D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
00	9.00	11.00											
3	4.3	4.3	D			40	40	1500	5 1/2	70	5 1/2		
7	37	38				40	50	1500	X	10	X		
28									14		14		
32													

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
10.0	10.0	12.0							

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
4.00	4.15	1/4		SERVICE RIG
4.15	12.00	7 3/4		DRILL 5 3/4" HOLE

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
10.0	10.0	12.0							

Changed Head Rubber on off side of No. 1 pump

MARCH 18/61

WELL NO. 115 FIELD OR DIST. TRYON LAKE COUNTY YUKON TERR. STATE CANADA

PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									
500	1.350	14		3 3/4	MANN	51.75	23	714.55	11.55	7000	15000, 3 3/4" I.P.H.
500	1.350	14									

MUD RECORD			FOOTAGE		DR..D RM..R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM-D-C
			FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
2.00	3.00	7.00													
7.1	9.1	9.1	71.78	72.14	D		40	40	1500	5/2	70	5/2			5
3.8	3.8	3.8									X	X			
	10.6	10.6									14	14			
	7.32	7.32													
10.0	10.0	10.0													

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS			
FROM	TO		DEPTH	DEV.	DIRECTION	DIRECTION
12.00	12.15	14				SENI RIG.
12.15	7.00	7.5H				DRILLING 3 3/4" HOLE.

D & CHEMICALS ADDED		
AMT.	TYPE	AMT.
600#		
50#		
1/2" Walling		

MUD RECORD			FOOTAGE		DR..D RM..R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM-D-C
			FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
2.00	12.00	3.00													
7.1	9.1	9.1	72.44	73.10	D		40	40	1500	5/2	70				
3.8	3.7	3.8									X				
	10.4														
	7.32														
	10.5														

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS			
FROM	TO		DEPTH	DEV.	DIRECTION	DIRECTION
8.00	4.00	1				DRILL 3 3/4" hole
9.00						SENI RIG. SURVEY & HOIST
	9.15	1/4				Motor AIR SHUT OFF.
9.15	4.00	6.34				DRILL 3 3/4" hole.

D & CHEMICALS ADDED		
AMT.	TYPE	AMT.
50#		
20#		
50#		

MUD RECORD			FOOTAGE		DR..D RM..R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM-D-C
			FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
5.00															
7.1			73.10	73.25	D		40	40	1500	5/2	70	5/2			
3.5											X	X			
11.6											14	14			
7.32															
10.5															

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS			
FROM	TO		DEPTH	DEV.	DIRECTION	DIRECTION
4.00	6.45	2.34				DRILL 3 3/4" hole
6.45	2.15	3				SURVEY & HOIST
7.15	11.00	4.1/2				MOTOR AIR SHUT OFF.
11.00	11.50	1/2				DRILL 3 3/4" hole.
11.50	12.00	1/2				DRILL 3 3/4" hole.

D & CHEMICALS ADDED		
AMT.	TYPE	AMT.

MARCH 1969

WELL NO. 13 FIELD OR DIST. TAYLOR LAKE COUNTY SHAD TERRY STATE OKLAHOMA

PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									
66	A356	14		9 3/4	MANT	36.555	29	704.53	1235	700.00	H30 CFM 3" O.D.
66	A356	14									

MUD RECORD			FOOTAGE		DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM-D-G
FROM	TO	STROKE	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
00	300	700	6966	7042											
1	9.1	9.1						40	40	1400	14	70	5/2		
38	38	37									x	x			
3.4		10.4									14	14			
3.2		3.2													
5	9.5	9.5													
DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	
TIME LOG			FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
			12.00	12.15	1/4	SERV RIG									
			12.15	8.00	7 3/4	DRILLING 8 3/4 HOLE									
CHEMICALS ADDED			AMT.	TYPE	AMT.										
			50#												

MUD RECORD			FOOTAGE		DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM-D-G
FROM	TO	STROKE	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
00	12.00	300	7042	7110											
1	9.1	9.1						40	40	1400	14	70	5/2		
6	37	36									x	x			
7.8		10.6									14	14			
32		2/32													
0.0		10.0													
DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	
TIME LOG			FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
			8.00	10.45	2 3/4	DRILL 8 3/4 HOLE									
			10.45	11.00	1/4	SERV RIG SERVICE HYBRID KELLEY GEAR									
			11.00	4.00	5	DRILL 8 3/4 HOLE									
CHEMICALS ADDED			AMT.	TYPE	AMT.										
			20#												
			50#												
			2#												

MUD RECORD			FOOTAGE		DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM-D-G
FROM	TO	STROKE	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
00	9.00	11.00	7110	7178											
1	9.1	9.1						40	40	1425	14	70	5/2		
37	37	35						40	40	1400	x	x	63		
		10.6									14	14			
DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	
TIME LOG			FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
			4.00	5.45	1 3/4	DRILL 8 3/4 HOLE									
			5.45	6.00	1/4	RIG SERVICE									
			6.00	10.00	6	DRILL 8 3/4 HOLE									
CHEMICALS ADDED			AMT.	TYPE	AMT.										
			100#												
			400#												

WELL NO. 113 FIELD OR DIST. TAYLOR LANE COUNTY ... STATE ...

PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									
500	1.580	14	9.50	MANN	5 1/2	35	29	944.5	1255	300.00	H30-200-3 1/2 1/2
500	1.580	14									

MUD RECORD			FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR-EL-P COM'D-C
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
0.0	6.0	6.0	6782	6328	10										
7.0	8.7	8.7					56	2000	1300	5 1/2	70	5 1/2			
36	34	38					40	40	1300	X	70	X			
11.4	9.8														
7.32	7.52														
10.0	10.0	10.0													

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
6782	10							

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO		
12.00	1.45	1 3/4	FINISH IN.
1.45	2.00	1/4	REPEAT CIR
2.00	2.15	1/4	SERV. RIG
2.15	2.30	1/4	JUMP TO BOTTOM.
2.30	2.00	5/4	DRILLING 5 1/4 HOLES.

AMT.	TYPE	AMT.
600#		
1100#		

MUD RECORD			FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR-EL-P COM'D-C
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
9.30	12.00	3.0	6828	6846	7										
9.1	9.1	9.1					40	40	300	5 1/2	70	5 1/2			
38	37	31					40	40	400	X	70	X			
10.0															

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO		
8.05	10.00	2	DRAG 8 3/4 HOLES
10.00	10.15	1/4	SERVICE RIG SEARCH & KELLEY COOK
10.15	4.00	5 3/4	DRAG 8 3/4 HOLES

AMT.	TYPE	AMT.
100#	Emulsion	
10		
50#		

MUD RECORD			FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR-EL-P COM'D-C
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
7.00	10.00	11.00	6896	6766	10										
9.1	4.1	0.1					40	40	1400	5 1/2	70	5 1/2			
36	35	34								X	70	X			
10.1															

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO		
4.00	5.00	1 1/2	DRAG 8 3/4 HOLES
5.00	5.45	1/4	SERVICE RIG SEARCH & KELLEY COOK
5.45	12.00	6 1/4	DRAG 8 3/4 HOLES

AMT.	TYPE	AMT.
700		
50		

MARCH 15/83
UP

WELL NO. K 15	FIELD OR DIST. TAYLOR LAKE	COUNTY CANADA	STATE CANADA
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PUMPS		SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS			
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING TUBING OR LINER	9 5/8	MANH	36 1/2	29	904.53	12.53	910.00	430.00	EM. = 7' CHL.
00	1360	14										
00	1380	14										

MUD RECORD	FOOTAGE		DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM-D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
200	300	600											
1	4.1	11		17	HELD SAFETY MEETING.	40	40	1250	5 1/2	70	5 1/2		5
1	36	3							14		14		
		96											
		30											
5	10.5	1											
DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			
TIME LOG		FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
		12.00	12.15	14	SERV RIG.								
		12.15	8.00	7 3/4	DRILLING 8 3/4 HOLE.								

CHEMICALS ADDED		
AMT.	TYPE	AMT.

MUD RECORD	FOOTAGE		DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM-D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
2	16.0	30											
1	9.1	91		D			40	40	1250	5 1/2	5 1/2		
20	37	21					40	40	1350	X	X		
		16								14	14		
30													
5													
DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			
TIME LOG		FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
		8:00	8:15	14	SERVICE RIG SURVEY - HYBRID + KELLEY CORK								
		8:15	4:00	7 3/4	DRILL 8 3/4 hole								

CHEMICALS ADDED		
AMT.	TYPE	AMT.
5L	(Hatched)	3L
5L		
10L		

MUD RECORD	FOOTAGE		DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM-D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
02													
4	6.755	6.782		D			140	40	1350	5 1/2	5 1/2		
16										14	14		
DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			
TIME LOG		FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
		4:00	7:15	3 1/4	DRILL 5 1/4 hole								
		7:15	7:30	14	SURVEY								
		7:30	10:30	3	BLIND WELLET + HOIST FOR BIT								
		10:30	10:45	14	CHANGE WITH 10000 FT. 10000 FT. 10000 FT.								
		10:45	11:05	14	2000 FT. DRILLING LINE ALVT								
		11:05	11:30	14	FIX WALE IN MUD LINE								
		11:30	12:10	12	RUN IN								

MARCH 14/19
1P

WELL NO. 115 FIELD OR DIST. TAYLOR LAKE COUNTY YUKON TERR. STATE CANADA

PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									
500	A380	14		9 5/8	MFMH	#155	29	974.55	12.55	974.00	HSC SAF COA. 3 7/8" O.D.
500	A380	14									

MUD RECORD			FOOTAGE		DR..D RM..R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL. S PAR. L-P COM'D-C
			FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
00	300	600	6574	6452	D		FUEL	40	40	1250	5 1/2	70	5 1/2		5
35	36	34									X				
	96	102									14				

DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
0.0	10.5	16.5									

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS			
FROM	TO					
1300	12.15	14	SERV RIG.			
12.15	8.00	7 3/4	DRILLING 2 3/4" HOLE			

MUD RECORD			FOOTAGE		DR..D RM..R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL. S PAR. L-P COM'D-C
			FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
00	11.00	11.00	6452	6524	U			40	40	1250	5 1/2	70	5 1/2		
10	90	91						40	40	1250	X				
32	36	30													
	72	73									14				

DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
0	10										

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS			
FROM	TO					
1200	11.15	12	No. 1 pump service			
11.15	4.00	2 3/4	DRILL 5 1/4" HOLE			

MUD RECORD			FOOTAGE		DR..D RM..R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL. S PAR. L-P COM'D-C
			FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
00	11.30	11.30	6524	6598	D			40	40	1250	5 1/2	70	5 1/2		
90	90										X				
36	36														
	114	114									14				

DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
10.5	11.5										

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS			
FROM	TO					
1400	4.30	1 1/2	DRAG 3 1/4" hole			
4.30	11.45	7 1/4	RIG SERVICE			
11.45	12.00	15 1/4	DRILL			

D & CHEMICALS ADDED

DAILY DRILLING REPORT

REPORT NO. 39

DATE MARCH 13/69

OPERATOR 1st VERMONT G.C.O.		LEASE MC DERMONT NORTH VP TAYLOR LAKE V.T. N. 15.		WELL NO. A15	FIELD OR DIST.
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CONTRACTOR S & T DRILLING (WESTERN) CO. LTD.		RIG NO. 1E	DRILL PIPE STRING NO. 7 SIZE 2 1/2	TOOL JOINT 5 O.D. TYPE THD. 1.F.	PUMPS	
--	--	----------------------	---	--	-------	--

SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>[Signature]</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>[Signature]</i>		1. N.S.C.O.	1.520	14
				2. N.S.C.O.	1.380	14
				3.		

TIME DISTRIBUTION-HOURS			
	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	6:30	7:34	7:54
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS	3 1/2		
LUBRICATE RIG	1/4	1/4	1/4
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
SHUT IN RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER	3 1/2		
FISHING			
COMPLETION WORK			
A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
ALS	6	8	8
TIME SUMMARY (OFFICE USE ONLY)			
DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE						
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FLTR. CK.	PH	SD. CONT. %	PRESSURE GRADIENT	FROM	TO
58	5552.05		19	8 1/2	2:00	4:00	7:00							
24	720.00		H.W.	X55R				10.5	10.5					
7	30.52		2-11	1-12				2:32	2:32					
2	5.04		8646	1 1/2				10.0	10.0	10.0				
TOTAL		6271.00												
WT. OF STRING		152,000	LBS.											

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE						
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FLTR. CK.	PH	SD. CONT. %	PRESSURE GRADIENT	FROM	TO
58	5515.15		19	8 1/4	9:00	10:00	3:00							
24	720.00		H.W.	X55R				12.2	7:32					
7	30.52		2-11	1-12				7:32		15				
2	5.04		8646	1 1/2										
TOTAL		6300.00												
WT. OF STRING		132	LBS.											

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE						
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FLTR. CK.	PH	SD. CONT. %	PRESSURE GRADIENT	FROM	TO
59	5516.10		19	8 3/4	11:00	11:00	11:00							
24	720.00		H.W.	X55R				3.0	3.0					
7	30.52		2-11	1-12										
2	5.04		8646	1 1/2										
TOTAL		6371.72												
WT. OF STRING		152,000	LBS.											

WIRE LINE RECORD	
REEL NO.	SIZE
NO. OF LINES	
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

DAILY DRILLING REPORT 58

REPORT NO. 30

DATE MARCH 17/69

OPERATOR
MCVERMONT C.C.O.

LEASE
MCVERMONT NORTH LP
TRISOR LANE ST. N. 15.

WELL NO. 115
FIELD OR DIST.

CONTRACTOR
S & T DRILLING (WESTERN) CO. LTD.

RIG NO. 1E
DRILL PIPE STRING NO. 2-11
TOOL JOINT 5 O.D.
TYPE THD.

PUMPS		NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	N.S.C.C.		N.S.C.C.	1.526	14
2.	N.S.C.C.		N.S.C.C.	1.526	14
3.					

SIGNATURE OF OPERATOR'S REPRESENTATIVE
S. G. Potholter

SIGNATURE OF CONTRACTOR'S TOOL PUSHER
Chas. Hanson

TIME DISTRIBUTION-HOURS			
	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	1 1/4	3 1/4	2 3/4
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS	2 3/4		1 1/2
LUBRICATE RIG	1/4	1/4	
DEVIATION SURVEY			
TEST B.O.P.	1/4		1/4
CUT OFF DRILLING LINE	1/4		
PAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER	1/4		1/4

NO.	DRILLING ASSEMBLY AT END OF TOUR			BIT RECORD		MUD RECORD				FOOTAGE	
56	STANDS D.P.	5262	18 FT.	BIT NO.	18	TIME	4:00	6:00		FROM	
2	SINGLES D.P.	65	7 1/4 FT.	SIZE	8 3/4	WEIGHT	6	86		6576	61
211	D.C.	2 1/2	6 3/4 FT.	MFG.	SEC	VISC.-SEC	A	38			
	I.D.			TYPE	588	W.L.-C.C.	S				
	O.D.			NOZZLE NO.	2-11	FLTR. CK.	Y				
7	STB. BODY		36 1/2 FT.	NOZZLE SIZE	1-12	PH		10			
	STB. BODY			SER. NO.	20147	SD. CONT. %					
	RMR. BODY			DEPTH OUT	14	PRESSURE GRADIENT				12:00	12:15
	SUBS		5 1/4 FT.	DEPTH IN	6276					12:30	12:45
	BIT OR C.B.			TOTAL FTG.	76	MUD & CHEMICALS ADDED					
	KELLY DOWN		17 1/2 FT.	TOTAL HR. RUN	11 1/4	TYPE		AMT.		12:45	3:11
	TOTAL		6102.00 FT.	COND. OF BIT	16N					3:45	8:00
	WT. OF STRING		LBS.	REAMER NO.							
				REAMER TYPE							

NO.	DRILLING ASSEMBLY AT END OF TOUR			BIT RECORD		MUD RECORD				FOOTAGE	
57	STANDS D.P.	6339	55 FT.	BIT NO.	18	TIME	8:45	11:00		FROM	
1	SINGLES D.P.			SIZE	8 3/4	WEIGHT	8.7	90	9.0	6160	6
24	D.C.	2 1/2	6 3/4 FT.	MFG.	SEC	VISC.-SEC	37	36	36		
	I.D.			TYPE	588	W.L.-C.C.	10.8		11.4		
	O.D.			NOZZLE NO.	2-11	FLTR. CK.	2/32		2/32		
7	STB. BODY		30 1/2 FT.	NOZZLE SIZE	1-12	PH		10			
	STB. BODY			SER. NO.	20147	SD. CONT. %				8:00	8:05
	RMR. BODY			DEPTH OUT		PRESSURE GRADIENT				8:05	4:00
	SUBS		5 04 FT.	DEPTH IN	6076						
	BIT OR C.B.			TOTAL FTG.	91	MUD & CHEMICALS ADDED					
	KELLY DOWN		21 55 FT.	TOTAL HR. RUN	12	TYPE		AMT.			
	TOTAL		6167.00 FT.	COND. OF BIT	16N						
	WT. OF STRING		LBS.	REAMER NO.							
				REAMER TYPE							

NO.	DRILLING ASSEMBLY AT END OF TOUR			BIT RECORD		MUD RECORD				FOOTAGE	
57	STANDS D.P.	5353	71 FT.	BIT NO.	15	TIME	4:00			FROM	
1	SINGLES D.P.		31.5 FT.	SIZE	8 3/4	WEIGHT	9.0			6167	6
24	D.C.	2 1/2	6 3/4 FT.	MFG.	SEC	VISC.-SEC	35				
	I.D.			TYPE	588	W.L.-C.C.	10.2				
	O.D.			NOZZLE NO.	2-11	FLTR. CK.	2/32				
7	STB. BODY		30 5/8 FT.	NOZZLE SIZE	1-12	PH		10			
	STB. BODY			SER. NO.	20147	SD. CONT. %				4:00	6:45
	RMR. BODY			DEPTH OUT	8177	PRESSURE GRADIENT				7:45	9:45
	SUBS		5 04 FT.	DEPTH IN	6076					9:45	10:00
	BIT OR C.B.			TOTAL FTG.	101	MUD & CHEMICALS ADDED					
	KELLY DOWN		31.8 FT.	TOTAL HR. RUN	14 3/4	TYPE		AMT.		10:00	10:15
	TOTAL		6177.00 FT.	COND. OF BIT						10:15	12:00
	WT. OF STRING		LBS.	REAMER NO.							
				REAMER TYPE							

MORNING TOUR			
DRILLING ACTUAL	1 1/4	3 1/4	2 3/4
TRIPS	2 3/4		1 1/2
LUBRICATE RIG	1/4	1/4	
TEST B.O.P.	1/4		1/4
CUT OFF DRILLING LINE	1/4		
PAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER	1/4		1/4

DAY TOUR			
DRILLING ACTUAL	1 1/4	3 1/4	2 3/4
TRIPS	2 3/4		1 1/2
LUBRICATE RIG	1/4	1/4	
TEST B.O.P.	1/4		1/4
CUT OFF DRILLING LINE	1/4		
PAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER	1/4		1/4

EVENING TOUR			
DRILLING ACTUAL	1 1/4	3 1/4	2 3/4
TRIPS	2 3/4		1 1/2
LUBRICATE RIG	1/4	1/4	
TEST B.O.P.	1/4		1/4
CUT OFF DRILLING LINE	1/4		
PAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER	1/4		1/4

NO.	DRILLING ASSEMBLY AT END OF TOUR			BIT RECORD		MUD RECORD				FOOTAGE	
57	STANDS D.P.	5353	71 FT.	BIT NO.	15	TIME	4:00			FROM	
1	SINGLES D.P.		31.5 FT.	SIZE	8 3/4	WEIGHT	9.0			6167	6
24	D.C.	2 1/2	6 3/4 FT.	MFG.	SEC	VISC.-SEC	35				
	I.D.			TYPE	588	W.L.-C.C.	10.2				
	O.D.			NOZZLE NO.	2-11	FLTR. CK.	2/32				
7	STB. BODY		30 5/8 FT.	NOZZLE SIZE	1-12	PH		10			
	STB. BODY			SER. NO.	20147	SD. CONT. %				4:00	6:45
	RMR. BODY			DEPTH OUT	8177	PRESSURE GRADIENT				7:45	9:45
	SUBS		5 04 FT.	DEPTH IN	6076					9:45	10:00
	BIT OR C.B.			TOTAL FTG.	101	MUD & CHEMICALS ADDED					
	KELLY DOWN		31.8 FT.	TOTAL HR. RUN	14 3/4	TYPE		AMT.		10:00	10:15
	TOTAL		6177.00 FT.	COND. OF BIT						10:15	12:00
	WT. OF STRING		LBS.	REAMER NO.							
				REAMER TYPE							

TIME SUMMARY (OFFICE USE ONLY)			
DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK	7		
WIRE LINE RECORD			
REEL NO.			
NO. OF LINES		SIZE	
FEET SLIPPED			
FEET CUT OFF			
PRESENT LENGTH			
TON MI. OR TRIPS SINCE LAST CUT			
CUMULATIVE TON MI. OR TRIPS			
NO. OF DAYS FROM SPUD			
CUMULATIVE ROTATING HRS.			

NO.	DRILLING ASSEMBLY AT END OF TOUR			BIT RECORD		MUD RECORD				FOOTAGE	
57	STANDS D.P.	5353	71 FT.	BIT NO.	15	TIME	4:00			FROM	
1	SINGLES D.P.		31.5 FT.	SIZE	8 3/4	WEIGHT	9.0			6167	6
24	D.C.	2 1/2	6 3/4 FT.	MFG.	SEC	VISC.-SEC	35				
	I.D.			TYPE	588	W.L.-C.C.	10.2				
	O.D.			NOZZLE NO.	2-11	FLTR. CK.	2/32				
7	STB. BODY		30 5/8 FT.	NOZZLE SIZE	1-12	PH		10			
	STB. BODY			SER. NO.	20147	SD. CONT. %				4:00	6:45
	RMR. BODY			DEPTH OUT	8177	PRESSURE GRADIENT				7:45	9:45
	SUBS		5 04 FT.	DEPTH IN	6076					9:45	10:00
	BIT OR C.B.			TOTAL FTG.	101	MUD & CHEMICALS ADDED					
	KELLY DOWN		31.8 FT.	TOTAL HR. RUN	14 3/4	TYPE		AMT.		10:00	10:15
	TOTAL		6177.00 FT.	COND. OF BIT						10:15	12:00
	WT. OF STRING		LBS.	REAMER NO.							
				REAMER TYPE							

NO.	DRILLING ASSEMBLY AT END OF TOUR			BIT RECORD		MUD RECORD				FOOTAGE	
57	STANDS D.P.	5353	71 FT.	BIT NO.	15	TIME	4:00			FROM	
1	SINGLES D.P.		31.5 FT.	SIZE	8 3/4	WEIGHT	9.0			6167	6
24	D.C.	2 1/2	6 3/4 FT.	MFG.	SEC	VISC.-SEC	35				
	I.D.			TYPE	588	W.L.-C.C.	10.2				
	O.D.			NOZZLE NO.	2-11	FLTR. CK.	2/32				
7	STB. BODY		30 5/8 FT.	NOZZLE SIZE	1-12	PH		10			
	STB. BODY			SER. NO.	20147	SD. CONT. %				4:00	6:45
	RMR. BODY			DEPTH OUT	8177	PRESSURE GRADIENT				7:45	9:45
	SUBS		5 04 FT.	DEPTH IN	6076					9:45	10:00
	BIT OR C.B.			TOTAL FTG.	101	MUD & CHEMICALS ADDED					
	KELLY DOWN		31.8 FT.	TOTAL HR. RUN	14 3/4	TYPE		AMT.		10:00	10:15
	TOTAL		6177.00 FT.	COND. OF BIT						10:15	12:00
	WT. OF STRING		LBS.	REAMER NO.							
				REAMER TYPE							

NO.	DRILLING ASSEMBLY AT END OF TOUR			BIT RECORD		MUD RECORD				FOOTAGE	
57	STANDS D.P.	5353	71 FT.	BIT NO.	15	TIME	4:00			FROM	
1	SINGLES D.P.		31.5 FT.	SIZE	8 3/4	WEIGHT	9.0			6167	6
24	D.C.	2 1/2	6 3/4 FT.	MFG.	SEC	VISC.-SEC	35				
	I.D.			TYPE	588	W.L.-C.C.	10.2				
	O.D.			NOZZLE NO.	2-11	FLTR. CK.	2/32				
7	STB. BODY		30 5/8 FT.	NOZZLE SIZE	1-12	PH		10			
	STB. BODY			SER. NO.	20147	SD. CONT. %					

DAILY DRILLING REPORT

REPORT NO. 38

DATE MARCH 17/69

OPERATOR MCDERMONT C.C.O.

LEASE MCDERMONT NORTH LP TAYLOR LAKE ST. N.15.

WELL NO. 115

FIELD OR DIST.

CONTRACTOR S & T DRILLING (WESTERN) CO. LTD.

RIG NO. 1E

DRILL PIPE STRING NO. 2 SIZE 11

TOOL JOINT 5 O.D. TYPE THD.

PUMPS

SIGNATURE OF OPERATOR'S REPRESENTATIVE S.G. Potholter

SIGNATURE OF CONTRACTOR'S TOOL PUSHER W.B. Hanson

Table with 4 columns: NO., MANUFACTURER, TYPE, STROKE LENGTH. Contains 3 rows of pump data.

TIME DISTRIBUTION-HOURS table with columns: HORN, DAY, EVE. Rows include: RIG UP & TEAR DOWN, DRILLING ACTUAL, REAMING, etc.

DRILLING ASSEMBLY AT END OF TOUR table. Rows include: STANDS D.P., SINGLES D.P., D.C., I.D., O.D., FT., STB. BODY, etc.

BIT RECORD table. Rows include: BIT NO., SIZE, MFG., TYPE, NOZZLE, SER. NO., DEPTH OUT, etc.

MUD RECORD table. Rows include: TIME, WEIGHT, VISC.-SEC, W.L.-C.C., FLTR. CK., PH, SD. CONT. %, etc.

FOOTAGE table. Rows include: FROM, TO, DEVIATION RECORD, TIME LOG.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR table for Morning Tour. Rows include: STANDS D.P., SINGLES D.P., D.C., I.D., O.D., FT., STB. BODY, etc.

BIT RECORD table for Morning Tour. Rows include: BIT NO., SIZE, MFG., TYPE, NOZZLE, SER. NO., DEPTH OUT, etc.

MUD RECORD table for Morning Tour. Rows include: TIME, WEIGHT, VISC.-SEC, W.L.-C.C., FLTR. CK., PH, SD. CONT. %, etc.

FOOTAGE table for Morning Tour. Rows include: FROM, TO, DEVIATION RECORD, TIME LOG.

DAY TOUR

Completion work table with rows: A. PERFORATING, B. TUBING TRIPS, C. SWABBING, D. TESTING, E. ADDITIONAL.

TIME SUMMARY (OFFICE USE ONLY) table with rows: DAY WORK, HRS. W/DP, HRS. WO/DP, HRS. STANDBY, WIRE LINE RECORD, REEL NO., NO. OF LINES, FEET SLIPPED, FEET CUT OFF, etc.

DRILLING ASSEMBLY AT END OF TOUR table for Day Tour. Rows include: STANDS D.P., SINGLES D.P., D.C., I.D., O.D., FT., STB. BODY, etc.

BIT RECORD table for Day Tour. Rows include: BIT NO., SIZE, MFG., TYPE, NOZZLE, SER. NO., DEPTH OUT, etc.

MUD RECORD table for Day Tour. Rows include: TIME, WEIGHT, VISC.-SEC, W.L.-C.C., FLTR. CK., PH, SD. CONT. %, etc.

FOOTAGE table for Day Tour. Rows include: FROM, TO, DEVIATION RECORD, TIME LOG.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR table for Evening Tour. Rows include: STANDS D.P., SINGLES D.P., D.C., I.D., O.D., FT., STB. BODY, etc.

BIT RECORD table for Evening Tour. Rows include: BIT NO., SIZE, MFG., TYPE, NOZZLE, SER. NO., DEPTH OUT, etc.

MUD RECORD table for Evening Tour. Rows include: TIME, WEIGHT, VISC.-SEC, W.L.-C.C., FLTR. CK., PH, SD. CONT. %, etc.

FOOTAGE table for Evening Tour. Rows include: FROM, TO, DEVIATION RECORD, TIME LOG.

MARCH 17/69

WELL NO. 115 FIELD OR DIST. TAYLOR UNIT COUNTY SUGAR TREE STATE CALIFORNIA

PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									
500	A-326	14		9 3/4	MANN	36-355	27	711.55	12.55	70.0	H30 50X 1EM 57 GAL.
560	A-326	14									

MUD RECORD	FOOTAGE		DR. D R.M. R CORE...C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-E-P COM-D-E
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
6.00	6.00												
	8.6			12		40	70	1200	5/8	70	5/8		
	3.5					40	70	1200	X	70	X		
									14		14		

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	10								

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
12.00	12.15	1/4		FINISH LOGGING - 1 HOLE UNIT
12.15	12.30	1/4		CHECK BENTONITE MUD
12.30	12.45	1/4		SPLIT LINE
12.45	3.45	3		RUN IN W/ 1 1/2" DIA. PIPE. ALL 70' SECTION OK. + RUN IN W/ 1 1/2" DIA. PIPE. ALL 70' SECTION OK.
3.45	8.0	4 1/4		DRILLING 3 1/4" HOLE

MUD RECORD	FOOTAGE		DR. D R.M. R CORE...C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-E-P COM-D-E
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
8.00	11.00	1.00											
9.4	9.0	9.0		10		40	70	1200	5/8	70	5/8		
3.7	3.6	3.6							X		X		
11.4									14		14		

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	3.2								

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
8.00	8.15	1/4		Service via Survey - Valley Geol
8.15	8.40	2 1/4		DRILL 5 3/4" HOLE

MUD RECORD	FOOTAGE		DR. D R.M. R CORE...C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-E-P COM-D-E
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
10.00													
1.0	6.167	6.177		12		36	40	1250	5/8	70	5/8		
3.5									X		X		
1.2									14		14		

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	1.38								

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
4.00	6.40	2 1/4		DRILL 5 3/4" HOLE
6.45	9.45	3		Blank bit & HOLE
9.45	10.00	1/4		CHECK BENTONITE MUD
10.00	10.15	1/4		THROW PIR LINES
10.15	12.00	1 3/4		RUN IN W/ 1 1/2" DIA. PIPE

DAILY DRILLING REPORT

REPORT NO. 37

DATE MARCH 14/69

OPERATOR McDERMOTT CO.		LEASE McDERMOTT NORTH UP TAYLOR LAKE Y.T. K-15		WELL NO. 1-15	FIELD OR DIST.
CONTRACTOR S & T DRILLING (WESTERN) CO. LTD.		RIG NO. 1E	DRILL PIPE STRING NO. 2 SIZE 4	TOOL JOINT 5 O.D.	PUMPS
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>A. Patterson</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>W. Young</i>		NO.	MANUFACTURER
				1.	NSCC
				2.	NSCC
				3.	
					TYPE
					K-380
					K-380
					STROKE LENGTH
					14
					14

TIME DISTRIBUTION-HOURS			
	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	6		
REAMING			
CONDITIONING MUD & CIRCULATING	13/4	1/4	
TRIPS		5	
LUBRICATE RIG	1/4		
DEVIATION SURVEY			
TEST B.O.P.		1/4	
CUT OFF DRILLING LINE			
PAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST		1/2	
OTHER		2 1/2	
FISHING			
COMPLETION WORK			
A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	
TIME SUMMARY (OFFICE USE ONLY)			
DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			
WIRE LINE RECORD			
REEL NO.			
NO. OF LINES		SIZE	
FEET SLIPPED			
FEET CUT OFF			
PRESENT LENGTH			
TON MI. OR TRIPS SINCE LAST CUT			
CUMULATIVE TON MI. OR TRIPS			
NO. OF DAYS FROM SPUD			
CUMULATIVE ROTATING HRS.			

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE		
	STANDS D.P.	FT.	BIT NO.		TIME			FROM	TO	
56	STANDS D.P.	5262.82 FT.	BIT NO.	17	TIME	1.2	4.0	7.00	FROM	6010
1	SINGLES D.P.	32.10 FT.	SIZE	5 3/4	WEIGHT	9.0	9.0	9.0	TO	60
24	D.C.	6 1/4	MFG.	SEC	VISC.-SEC	36	36	36		
	I.D.	6 3/4	TYPE	588	W.L.-C.C.	9.6	9.6	8.3		
	O.D.	720.00 FT.	NO.	2-11	FLTR. CK.	3/32	3/32	3/32	DEVIATION RECORD	
	D.C.		SIZE	1-12	PH	9.5	16.1	12.0	TIME LOG	
7	STB. BODY	O.D.	30.52 FT.	SER. NO.	201416	SD. CONT. %			FROM	12.00
	STB. BODY	O.D.		DEPTH OUT	6076	PRESSURE GRADIENT			TO	12.00
	RMR. BODY	O.D.		DEPTH IN	5225					6.00
2	SUBS	O.D.	5.04 FT.	TOTAL FTG.	848					6.00
	BIT OR C.B.	FT.		TOTAL HR. RUN	81 3/4	MUD & CHEMICALS ADDED				
	KELLY DOWN	25.52 FT.		COND. OF BIT		TYPE	AMT.	TYPE	AMT.	
	TOTAL	6076.00 FT.		REAMER NO.		CHUSIK	50 lbs			
	WT. OF STRING	130,000 LBS.		REAMER TYPE		CHROMIC OIL	16 lbs			
						DOMICIDE	16 lbs			
						DRILLER				

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE	
	STANDS D.P.	FT.	BIT NO.		TIME			FROM	TO
56	STANDS D.P.	5262.82 FT.	BIT NO.	17	TIME			FROM	
1	SINGLES D.P.	32.10 FT.	SIZE	5 3/4	WEIGHT			TO	6076
24	D.C.	6 1/4	MFG.	SEC	VISC.-SEC				
	I.D.	6 3/4	TYPE	588	W.L.-C.C.				
	O.D.	6076.00 FT.	NO.	2-11	FLTR. CK.			DEVIATION RECORD	
	D.C.		SIZE	1-12	PH			TIME LOG	
7	STB. BODY	O.D.	30.52 FT.	SER. NO.	201416	SD. CONT. %		FROM	5.00
	STB. BODY	O.D.		DEPTH OUT	6076	PRESSURE GRADIENT		TO	5.00
	RMR. BODY	O.D.		DEPTH IN	5225				8.15
2	SUBS	O.D.	5.04 FT.	TOTAL FTG.	848				11.15
	BIT OR C.B.	FT.		TOTAL HR. RUN	81 3/4	MUD & CHEMICALS ADDED			
	KELLY DOWN	25.52 FT.		COND. OF BIT	7-1-1	TYPE	AMT.	TYPE	AMT.
	TOTAL	6076.00 FT.		REAMER NO.					
	WT. OF STRING	130,000 LBS.		REAMER TYPE					
						DRILLER			

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE	
	STANDS D.P.	FT.	BIT NO.		TIME			FROM	TO
	STANDS D.P.	FT.	BIT NO.		TIME			FROM	
	SINGLES D.P.	FT.	SIZE		WEIGHT			TO	
	D.C.		MFG.		VISC.-SEC				
	I.D.	FT.	TYPE		W.L.-C.C.				
	D.C.		NO.		FLTR. CK.			DEVIATION RECORD	
	I.D.	FT.	SIZE		PH			TIME LOG	
	STB. BODY	FT.	SER. NO.		SD. CONT. %			FROM	4.00
	STB. BODY	FT.	DEPTH OUT		PRESSURE GRADIENT			TO	2.00
	RMR. BODY	FT.	DEPTH IN						7.45
	SUBS	FT.	TOTAL FTG.						2.00
	BIT OR C.B.	FT.	TOTAL HR. RUN		MUD & CHEMICALS ADDED				11.00
	KELLY DOWN	FT.	COND. OF BIT		TYPE	AMT.	TYPE	AMT.	7.00
	TOTAL	FT.	REAMER NO.						
	WT. OF STRING	LBS.	REAMER TYPE		DRILLER				

MARCH 1/69

UP

K-15

WELL NO. K-15 FIELD OR DIST. TAYLOR LAKE COUNTY YUKON TERR STATE CANADA

PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									
WESCO	K-380	14		9 3/8	MANN	36 5/8	29	90433	1755	900	4305H/CEN/37CM
WESCO	K-380	14									

MUD RECORD			FOOTAGE		DR. D RM. R CORE - C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SOL. S PAR. L. P COM. D. G
			FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
4.0	4.0	700													
9.0	9.0	90	6010	6076	D			410	410	1250	5 1/2	70	5 1/2		5
36	36	36									X		X		
7.6	7.6	93									14		14		
7/32	7/32	7/32													
9.5	16.1	100													

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO		
12:00	12:15	1/4	RIG SERVICE
12:15	6:15	6	DRAW 8 3/4 HOSE
6:15	5:00	1 1/4	CIRC. TO TEST

& CHEMICALS ADDED
 AMT. TYPE AMT.
 50lbs
 10lbs
 16lbs
 Amstrong

MUD RECORD			FOOTAGE		DR. D RM. R CORE - C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SOL. S PAR. L. P COM. D. G
			FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
			6076	6076			Shell Steam Testing								

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO		
5:00	5:15	1/4	CIRC. TO TEST
8:15	11:15	3	Survey + Hoist
11:15	11:30	1/4	4 BETS + VICTOR AIR SHUT OFF
11:30	1:30	2	MAKE UP PACKER
1:30	2:30	2	RUN IN W/ PACK
2:30	4:00	1 1/2	MAKE UP TESTING DST No. 3 500-2000, 15-20 20-20 21-40 Work air down. Rec. cont. 450' water pump + 100' mud, pump submerse

& CHEMICALS ADDED
 AMT. TYPE AMT.
 130
 30
 330

MUD RECORD			FOOTAGE		DR. D RM. R CORE - C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SOL. S PAR. L. P COM. D. G
			FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO		
7:00	7:45	7 1/2 H	D.S.T. No. 3
7:45	8:00	1/4	PULL ROPE DST. #3
8:00	11:00	3	HOIST DST. #3
11:00	12:00	1	BREAK DOWN PACKER + 400' MANNING 1/2" ...

& CHEMICALS ADDED
 AMT. TYPE AMT.
 11.00
 12.00

MARCH 10/69

WELL NO. K-15			FIELD OR DIST. TAYLOR LAKE			COUNTY YUKON TERR			STATE CANADA		
PUMPS			SIZE	MAKE	WT. & GR.	NO JOINTS	FEET	RKB TO CSC. HD.	SET AT	REMARKS	
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING TUBING OR LINER								
USCO	K-380	14		9 3/8 MANN 36" J55 27 904 33 12.55 900.00 H30 SAK Rem-3% CAL							
USCO	K-380	14									

MUD RECORD			FOOTAGE		DR. D RM. R CORE L.C.	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 FT	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN	
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SQL-S PAR-EL-P COM'D-G	
00	400	700	5710	5854	D			40	40	1200	5 1/2	70	5 1/2		5	
9.1	9.1	9.1									X		X			
36	36	36									14		14			
	10.0	10.4														
	7/32	7/32														
9.5	9.5	9.5														
DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION		
TIME LOG			FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS										
			12:00	12:15	1/4	RIG SERVICE										
			12:15	8:30	7 3/4	DRAG 8 3/4 HOLE										

MUD RECORD			FOOTAGE		DR. D RM. R CORE L.C.	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 FT	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN	
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SQL-S PAR-EL-P COM'D-G	
00	120	5.2	5854	5927	D			40	40	1200	5 1/2	70	5 1/2			
11	9.1	9.1									X		X			
37	36	37									14		14			
20		8														
35		7.8														
35		9.0														
DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION		
TIME LOG			FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS										
			9:00	9:30	1/2	DRAG 8 3/4" hole										
			9:30	9:45	1/4	SERVICE RIG SERVICE AT THE BOTTOM OF THE HOLE										
			9:45	4:00	6 1/4	DRAG 8 3/4" hole										

MUD RECORD			FOOTAGE		DR. D RM. R CORE L.C.	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 FT	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN	
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SQL-S PAR-EL-P COM'D-G	
00	8:00	11:00	5927	6010	D			40	40	1200	5 1/2	70	5 1/2			
	9.0	9.0									X		X			
	26	3									14		14			
	7.6															
	7.32															
	9.5	9.5														
DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION		
TIME LOG			FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS										
			7:00	7:15	3 1/2	DRAG 8 3/4" hole										
			7:15	7:30	1/4	RIG SERVICE										
			7:30	12:00	4 1/2	DRAG 8 3/4" hole										

3 Amstrong

Checked all Flow Controllers O.K.

with...

DAILY DRILLING REPORT

REPORT NO. 32

DATE MARCH 9/69

OPERATOR **McDERMOTT C.C.O.** LEASE **McDERMOTT NORTH LTD** WELL NO. **K-15** FIELD OR DIST. **TAYLOR LAKE VT K-15**

CONTRACTOR **S & T DRILLING (WESTERN) CO. LTD.** RIG NO. **1E** DRILL PIPE STRING NO. **2** SIZE **4** TOOL JOINT **5** O.D. **5 1/2** TYPE THD. **3 1/2 IF** PUMPS

SIGNATURE OF OPERATOR'S REPRESENTATIVE *[Signature]* SIGNATURE OF CONTRACTOR'S TOOL PUSHER *[Signature]*

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NSCO	K-380	14
2.	NSCO	K-380	14
3.			

TIME DISTRIBUTION-HOURS				DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE		
MORN	DAY	EVE		NO.	STANDS D.P.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	FLTR. CK.	PH	FROM	TO
				49	4602.25 FT.	17	8 3/4	1.00	91	36	2/32	9.0	5327	53
				24	720.00 FT.	SEC	588	4.00	91	35	3/32	9.0		
				7	30.52 FT.	2-11	1-12							
				2	5.04 FT.	20146	5228							
					41.10 FT.	170	16							
					5388.00 FT.	RUN								
					125,000 LBS.									

TIME DISTRIBUTION-HOURS				DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE		
MORN	DAY	EVE		NO.	STANDS D.P.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	FLTR. CK.	PH	FROM	TO
				49	4664.22 FT.	17	8 3/4	4.32	91	35	2/32	8.0	5375	29
				24	720.00 FT.	SEC	588							
				7	30.52 FT.	2-11	1-12							
				2	5.04 FT.	20146	5228							
					41.10 FT.	232	22 1/2							
					5466.58 FT.	RUN								
					125,000 LBS.									

TIME DISTRIBUTION-HOURS				DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE		
MORN	DAY	EVE		NO.	STANDS D.P.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	FLTR. CK.	PH	FROM	TO
				50	4695.49 FT.	17	8 3/4	6.22	91	35	2/32	10.5	5466	59
				24	720.00 FT.	SEC	588							
				7	30.52 FT.	2-11	1-12							
				2	5.04 FT.	20146	5228							
					41.10 FT.	304	30 1/2							
					5532.00 FT.	RUN								
					125,000 LBS.									

WIRE LINE RECORD

REEL NO.

NO. OF LINES SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. OR TRIPS SINCE LAST CUT

CUMULATIVE TON MI. OR TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

MORNING TOUR

DAY TOUR

EVENING TOUR

DRILLER *[Signature]*

DRILLER *[Signature]*

DRILLER *[Signature]*

MARCH 9/69

WELL NO. **K-15** FIELD OR DIST. **TAYLOR LAKE** COUNTY **YUKON TERR** STATE **CANADA**

PUMPS			LAST CASING TUBING OR LINER	SIZE	MAYE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH		9 5/8	1 1/2" Ann	36 #555	29	90433	12.55	900.00	430
N'SCO	K-380	14									
N'SCO	K-380	14									

MUD RECORD			FOOTAGE		DR..D R.M.R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000-F	PUMP PRESS	PUMP NO.		PUMP NO.	METHOD RUN
FROM	TO	TO	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.
1.00	4.00	7.00												
9.1	9.1	9.1	5327	5395	D		40	40	1350		5 1/2	70		5
3.6	3.5	3.6									X			
11.2		11.4									14			

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	5385	9 1/4							

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS											
FROM	TO													
12.00	6.45	6 3/4	DRILL 8 3/4 HOLE											
6.45	7.15	1/2	W/L SURVEY @ 5385 - R.G. SERV											
7.15	8.00	3/4	WORK ON ELECTRICAL SYSTEM											

AD & CHEMICALS ADDED

AMT.	TYPE	AMT.

MUD RECORD			FOOTAGE		DR..D R.M.R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000-F	PUMP PRESS	PUMP NO.		PUMP NO.	METHOD RUN
FROM	TO	TO	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.
7.35	12.2	4.25												
9.1	9.1	9.1	5395	5460	D		40	40	1350		5 1/2	70		5
3.5	3.6	3.5									X			
12.2		12.2									14			

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS											
FROM	TO													
8.00	9.30	1 1/2	CHECKED ALL FLANGES AND R.G. SERV											
9.30	4.00	6 1/2	DRILL 5 1/4 HOLE											

AD & CHEMICALS ADDED

AMT.	TYPE	AMT.
200	Yucca	15
100		

MUD RECORD			FOOTAGE		DR..D R.M.R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000-F	PUMP PRESS	PUMP NO.		PUMP NO.	METHOD RUN
FROM	TO	TO	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.
2	10.00	12.00												
9.1	9.1	9.1	5460	5532	D		40	40	1350		5 1/2	70		5
3.5	3.5	3.6									X			
12.2		12.2									14			

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS											
FROM	TO													
4.00	12.00	8	DRILL 5 1/4 HOLE											

AD & CHEMICALS ADDED

AMT.	TYPE	AMT.
100 lbs		
20 lbs		

S. Armstrong

MARCH 7/69

15

WELL NO. K-15	FIELD OR DIST. TAYLOR LAKE	COUNTY YUKON TERR	STATE CANADA
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PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO JOINTS	FEET	RKB TO CSG. HD.	SEAT	REMARKS	
MANUFACTURER	TYPE	STROKE LENGTH										
USCO	K-380	14		9 5/8	MANN	36# J55	29	904 33	12 55	910 00	430	Sax Cem-37C.12
USCO	K-380	14										

MUD RECORD			FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR-EL-P COM-D-C
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
100	400	700													
7.1	9.1	91	5158	5224	D		40	35	1300	5/2	70	5/2			5
35	35	36					40	35	1200	X	X	68			5
15.0	118						40	35	1300	14	70	14			5
2/32	2/32		DEVIATION RECORD												
8.5	9.5	9.5	DEVIATION RECORD												

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
12:00	5:00	8		DRLG 8 3/4 Hole

D & CHEMICALS ADDED			AMT.	TYPE	AMT.
50#					

CHANGED VALVE & SEAT IN #1 PUMP

MUD RECORD			FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR-EL-P COM-D-C
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
5224	5225	12													
5225	5240														

MUD RECORD			FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR-EL-P COM-D-C
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
500	900	1200													
91	91	91	5240	5327	D		70	40	1200	14	14				5
35	36	36													
12.2	12.4		DEVIATION RECORD												
2/32	2/32		DEVIATION RECORD												
9.5	9.5	7.5	DEVIATION RECORD												

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
4:00	12:00	5		DRLG 8 3/4 Hole

D & CHEMICALS ADDED			AMT.	TYPE	AMT.
100#	CHARMOC	10#			
20#					

DAILY DRILLING REPORT

REPORT NO 30

DATE March 6/67

OPERATOR <i>McDERMOTT CO</i>		LEASE <i>McDERMOTT NORTH CO TAYLOR LAKE Y.T. K-15</i>		WELL NO. <i>K-15</i>	FIELD OR DIST.
CONTRACTOR S & T DRILLING (WESTERN) CO. LTD.		RIG NO. <i>1E</i>	DRILL PIPE STRING NO. <i>2</i> SIZE <i>4</i>	TOOL JOINT <i>5 O.D.</i>	PUMPS
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>S. S. Patterson</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>W. J. ...</i>		NO.	STROKE LENGTH
				1. MANUFACTURER <i>USCO</i>	TYPE <i>K-380</i>
				2. MANUFACTURER <i>USCO</i>	TYPE <i>K-380</i>
				3.	

TIME DISTRIBUTION—HOURS			
	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	<i>7 1/2</i>	<i>7 1/2</i>	<i>8</i>
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY	<i>1/2</i>	<i>1/2</i>	
TEST E.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
LOG			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK			
A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TIME SUMMARY (OFFICE USE ONLY)	<i>8</i>	<i>8</i>	<i>8</i>
DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			
WIRE LINE RECORD			
REEL NO.			
NO. OF LINES			
SIZE			
FEET SLIPPED			
FEET CUT OFF			
PRESENT LENGTH			
TON MI. OR TRIPS SINCE LAST CUT			
CUMULATIVE TON MI. OR TRIPS			
NO. OF DAYS FROM SPUD			
CUMULATIVE ROTATING HRS.			

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE	
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	FROM	TO
<i>45</i>	<i>STANDS D.P.</i>	<i>4223 11</i>	<i>16</i>	<i>5 3/4</i>	<i>1:00</i>	<i>4:00</i>	<i>7:00</i>		
<i>1</i>	<i>SINGLES D.P.</i>	<i>30.74</i>						<i>4974</i>	<i>503</i>
	<i>D.C.</i>		<i>SMITH</i>						
	<i>I.D. O.D.</i>	<i>FT.</i>	<i>TYPE</i>	<i>SSS</i>	<i>W.L.-C.C.</i>	<i>108</i>	<i>112</i>		
<i>24</i>	<i>I.D. O.D.</i>	<i>720 00</i>	<i>NOZZLE NO.</i>	<i>2-11</i>	<i>FLTR. CK.</i>	<i>3/32</i>	<i>4/32</i>	<i>DEVIATION RECORD</i>	<i>49</i>
	<i>STB. BODY O.D.</i>	<i>FT.</i>	<i>SIZE</i>	<i>1-12</i>	<i>PH</i>	<i>9.5</i>	<i>9.5</i>	<i>TIME LOG</i>	
<i>7</i>	<i>STB. BODY O.D.</i>	<i>30.52</i>	<i>SER. NO.</i>	<i>N4253</i>	<i>SD. CONT. %</i>			<i>FROM</i>	<i>TO</i>
	<i>STB. BODY O.D.</i>	<i>FT.</i>	<i>DEPTH OUT</i>		<i>PRESSURE GRADIENT</i>			<i>12:00</i>	<i>1:40</i>
	<i>RMR. BODY O.D.</i>	<i>FT.</i>	<i>DEPTH IN</i>	<i>4761</i>				<i>1:40</i>	<i>2:15</i>
<i>2</i>	<i>SUBS O.D.</i>	<i>5.04</i>	<i>TOTAL FTG.</i>	<i>270</i>	<i>MUD & CHEMICALS ADDED</i>			<i>2:15</i>	<i>5:00</i>
	<i>BIT OR C.B.</i>	<i>FT.</i>	<i>TOTAL HR. RUN</i>	<i>35 3/4</i>	<i>TYPE</i>	<i>AMT.</i>	<i>TYPE</i>	<i>AMT.</i>	
	<i>FT.</i>		<i>COND. OF BIT</i>	<i>RUN</i>					
	<i>KELLY DOWN</i>	<i>21.59</i>	<i>REAMER NO.</i>		<i>DRILLER B. ...</i>				
	<i>TOTAL</i>	<i>5031 00</i>	<i>REAMER TYPE</i>						
	<i>WT. OF STRING</i>	<i>124,000</i>							

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE	
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	FROM	TO
<i>46</i>	<i>STANDS D.P.</i>	<i>43,697</i>	<i>16</i>	<i>5 3/4</i>	<i>9:00</i>	<i>12:00</i>	<i>3:00</i>		
<i>24</i>	<i>SINGLES D.P.</i>	<i>63.47</i>							
	<i>D.C.</i>		<i>SMITH</i>						
	<i>I.D. O.D.</i>	<i>720 00</i>	<i>TYPE</i>	<i>SSS</i>	<i>W.L.-C.C.</i>	<i>1.0</i>	<i>108</i>		
	<i>STB. BODY O.D.</i>	<i>FT.</i>	<i>NOZZLE NO.</i>	<i>2-11</i>	<i>FLTR. CK.</i>	<i>2/32</i>	<i>3/32</i>	<i>DEVIATION RECORD</i>	
<i>7</i>	<i>STB. BODY O.D.</i>	<i>30.52</i>	<i>SIZE</i>	<i>1-12</i>	<i>PH</i>	<i>6.5</i>	<i>7.0</i>	<i>TIME LOG</i>	
	<i>STB. BODY O.D.</i>	<i>FT.</i>	<i>SER. NO.</i>	<i>N4253</i>	<i>SD. CONT. %</i>			<i>FROM</i>	<i>TO</i>
	<i>RMR. BODY O.D.</i>	<i>FT.</i>	<i>DEPTH OUT</i>		<i>PRESSURE GRADIENT</i>				
<i>2</i>	<i>SUBS O.D.</i>	<i>5.04</i>	<i>DEPTH IN</i>	<i>4761</i>					
	<i>BIT OR C.B.</i>	<i>FT.</i>	<i>TOTAL FTG.</i>	<i>330</i>	<i>MUD & CHEMICALS ADDED</i>				
	<i>FT.</i>		<i>TOTAL HR. RUN</i>	<i>43 1/4</i>	<i>TYPE</i>	<i>AMT.</i>	<i>TYPE</i>	<i>AMT.</i>	
	<i>KELLY DOWN</i>	<i>18.47</i>	<i>COND. OF BIT</i>	<i>RUN</i>	<i>Const.</i>	<i>50"</i>			
	<i>TOTAL</i>	<i>5091 00</i>	<i>REAMER NO.</i>		<i>Chk</i>	<i>200"</i>			
	<i>WT. OF STRING</i>	<i>124 M</i>	<i>REAMER TYPE</i>						

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE	
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	FROM	TO
<i>46</i>	<i>STANDS D.P.</i>	<i>4316 91</i>	<i>16</i>	<i>5 3/4</i>	<i>2:00</i>	<i>8:00</i>	<i>11:00</i>		
<i>2</i>	<i>SINGLES D.P.</i>	<i>63.47</i>							
	<i>D.C.</i>		<i>SMITH</i>						
	<i>I.D. O.D.</i>	<i>720 00</i>	<i>TYPE</i>	<i>SSS</i>	<i>W.L.-C.C.</i>	<i>12.0</i>	<i>12.0</i>		
	<i>STB. BODY O.D.</i>	<i>FT.</i>	<i>NOZZLE NO.</i>	<i>2-11</i>	<i>FLTR. CK.</i>	<i>3/32</i>	<i>2/32</i>	<i>DEVIATION RECORD</i>	
<i>7</i>	<i>STB. BODY O.D.</i>	<i>30.52</i>	<i>SIZE</i>	<i>1-12</i>	<i>PH</i>	<i>7.0</i>	<i>9.5</i>	<i>TIME LOG</i>	
	<i>STB. BODY O.D.</i>	<i>FT.</i>	<i>SER. NO.</i>	<i>N4253</i>	<i>SD. CONT. %</i>			<i>FROM</i>	<i>TO</i>
	<i>RMR. BODY O.D.</i>	<i>FT.</i>	<i>DEPTH OUT</i>		<i>PRESSURE GRADIENT</i>				
<i>2</i>	<i>SUBS O.D.</i>	<i>5.04</i>	<i>DEPTH IN</i>	<i>4761</i>					
	<i>BIT OR C.B.</i>	<i>FT.</i>	<i>TOTAL FTG.</i>	<i>317</i>	<i>MUD & CHEMICALS ADDED</i>				
	<i>FT.</i>		<i>TOTAL HR. RUN</i>	<i>51 1/4</i>	<i>TYPE</i>	<i>AMT.</i>	<i>TYPE</i>	<i>AMT.</i>	
	<i>KELLY DOWN</i>	<i>22 02</i>	<i>COND. OF BIT</i>	<i>RUN</i>	<i>Xc 100"</i>	<i>100"</i>			
	<i>TOTAL</i>	<i>5158 00</i>	<i>REAMER NO.</i>		<i>Down side</i>	<i>200"</i>			
	<i>WT. OF STRING</i>	<i>125,000</i>	<i>REAMER TYPE</i>		<i>Chromatic</i>	<i>100"</i>			

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE	
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	FROM	TO
<i>46</i>	<i>STANDS D.P.</i>	<i>4316 91</i>	<i>16</i>	<i>5 3/4</i>	<i>2:00</i>	<i>8:00</i>	<i>11:00</i>		
<i>2</i>	<i>SINGLES D.P.</i>	<i>63.47</i>							
	<i>D.C.</i>		<i>SMITH</i>						
	<i>I.D. O.D.</i>	<i>720 00</i>	<i>TYPE</i>	<i>SSS</i>	<i>W.L.-C.C.</i>	<i>12.0</i>	<i>12.0</i>		
	<i>STB. BODY O.D.</i>	<i>FT.</i>	<i>NOZZLE NO.</i>	<i>2-11</i>	<i>FLTR. CK.</i>	<i>3/32</i>	<i>2/32</i>	<i>DEVIATION RECORD</i>	
<i>7</i>	<i>STB. BODY O.D.</i>	<i>30.52</i>	<i>SIZE</i>	<i>1-12</i>	<i>PH</i>	<i>7.0</i>	<i>9.5</i>	<i>TIME LOG</i>	
	<i>STB. BODY O.D.</i>	<i>FT.</i>	<i>SER. NO.</i>	<i>N4253</i>	<i>SD. CONT. %</i>			<i>FROM</i>	<i>TO</i>
	<i>RMR. BODY O.D.</i>	<i>FT.</i>	<i>DEPTH OUT</i>		<i>PRESSURE GRADIENT</i>				
<i>2</i>	<i>SUBS O.D.</i>	<i>5.04</i>	<i>DEPTH IN</i>	<i>4761</i>					
	<i>BIT OR C.B.</i>	<i>FT.</i>	<i>TOTAL FTG.</i>	<i>317</i>	<i>MUD & CHEMICALS ADDED</i>				
	<i>FT.</i>		<i>TOTAL HR. RUN</i>	<i>51 1/4</i>	<i>TYPE</i>	<i>AMT.</i>	<i>TYPE</i>	<i>AMT.</i>	
	<i>KELLY DOWN</i>	<i>22 02</i>	<i>COND. OF BIT</i>	<i>RUN</i>	<i>Xc 100"</i>	<i>100"</i>			
	<i>TOTAL</i>	<i>5158 00</i>	<i>REAMER NO.</i>		<i>Down side</i>	<i>200"</i>			
	<i>WT. OF STRING</i>	<i>125,000</i>	<i>REAMER TYPE</i>		<i>Chromatic</i>	<i>100"</i>			

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE	
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	FROM	TO
<i>46</i>	<i>STANDS D.P.</i>	<i>4316 91</i>	<i>16</i>	<i>5 3/4</i>	<i>2:00</i>	<i>8:00</i>	<i>11:00</i>		
<i>2</i>	<i>SINGLES D.P.</i>	<i>63.47</i>							
	<i>D.C.</i>		<i>SMITH</i>						
	<i>I.D. O.D.</i>	<i>720 00</i>	<i>TYPE</i>	<i>SSS</i>	<i>W.L.-C.C.</i>	<i>12.0</i>	<i>12.0</i>		
	<i>STB. BODY O.D.</i>	<i>FT.</i>	<i>NOZZLE NO.</i>	<i>2-11</i>	<i>FLTR. CK.</i>	<i>3/32</i>	<i>2/32</i>	<i>DEVIATION RECORD</i>	
<i>7</i>	<i>STB. BODY O.D.</i>	<i>30.52</i>	<i>SIZE</i>	<i>1-12</i>	<i>PH</i>	<i>7.0</i>	<i>9.5</i>	<i>TIME LOG</i>	
	<i>STB. BODY O.D.</i>	<i>FT.</i>	<i>SER. NO.</i>	<i>N4253</i>	<i>SD. CONT. %</i>			<i>FROM</i>	<i>TO</i>
	<i>RMR. BODY O.D.</i>	<i>FT.</i>	<i>DEPTH OUT</i>		<i>PRESSURE GRADIENT</i>				
<i>2</i>	<i>SUBS O.D.</i>	<i>5.04</i>	<i>DEPTH IN</i>	<i>4761</i>					
	<i>BIT OR C.B.</i>	<i>FT.</i>	<i>TOTAL FTG.</i>	<i>317</i>	<i>MUD & CHEMICALS ADDED</i>				
	<i>FT.</i>		<i>TOTAL HR. RUN</i>	<i>51 1/4</i>	<i>TYPE</i>	<i>AMT.</i>	<i>TYPE</i>	<i>AMT.</i>	
	<i>KELLY DOWN</i>	<i>22 02</i>	<i>COND. OF BIT</i>	<i>RUN</i>	<i>Xc 100"</i>	<i>100"</i>			
	<i>TOTAL</i>	<i>5158 00</i>	<i>REAMER NO.</i>		<i>Down side</i>	<i>200"</i>			
	<i>WT. OF STRING</i>	<i>125,000</i>	<i>REAMER TYPE</i>		<i>Chromatic</i>	<i>100"</i>			

MARCH 6/69

WELL NO. K-15	FIELD OR DIST. TAYLOR LAKE	COUNTY YUKON TERR	STATE CANADA
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PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO JOINTS	FEET	RKB TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									
NISCO	K-380	14		9 3/8	MANN	36# J55	29	904.33	12.55	900.00	430 TAN LEM - 3% CAK
NISCO	K-380	14									

MUD RECORD			FOOTAGE		DR. O R.M. R CORE LOG	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL. S PART. L. P. COM. D. G.
00	400	700	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
71	91	91	4974	5031	D			40	35	1300	5 1/2	70			5
36	36	35									X				
109		112									14				

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	4975	9°							

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO		
12:00	1:45	1 3/4	DRAC 8 3/4 Hole
1:45	2:15	1/2	W.H. SURVEY @ 4975 - RIC SURF
2:15	5:00	5 3/4	DRAC 8 3/4 Hole

D & CHEMICALS ADDED		
AMT.	TYPE	AMT.

MUD RECORD			FOOTAGE		DR. O R.M. R CORE LOG	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL. S PART. L. P. COM. D. G.
00	1200	300	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
91	91	91	5031	5091	D			40	35	1300	70	14			
35	34	34									X				
110		109									14				

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	5072	9°							

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO		
5:00	5:10	1/2	DRAC 8 3/4 Hole
5:10	5:00	1	W.H. SURVEY @ 5072 - RIC SURF
5:00	5:00	1	DRAC 8 3/4

D & CHEMICALS ADDED		
AMT.	TYPE	AMT.
50 #		
200 #		

MUD RECORD			FOOTAGE		DR. O R.M. R CORE LOG	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL. S PART. L. P. COM. D. G.
500	800	1100	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
91	91	91	5091	5153	D			40	35	1300	70	14			5
34	34	36									X				
120		120									14				

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	5153	9°							

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO		
12:00	1:10	5	DRAC 8 3/4 Hole

D & CHEMICALS ADDED		
AMT.	TYPE	AMT.
100 #		
20 #		
10 #		

DAILY DRILLING REPORT

REPORT NO. 29

DATE MARCH 5/64

OPERATOR McDERMOTT BCO		LEASE M² DERMOTT NORTH UP TAYLOR LAKE 4T K15			WELL NO. 112	FIELD OR DIST.
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CONTRACTOR S & T DRILLING (WESTERN) CO. LTD.		RIG NO. 1E	DRILL PIPE STRING NO. 2 SIZE 4	TOOL JOINT 5 O.D.	PUMPS		
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SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>[Signature]</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>[Signature]</i>			NO.	MANUFACTURER	TYPE	STROKE LENGTH
					1.	NSCO	K-380	14
					2.	NSCO	K-380	14
					3.			

TIME DISTRIBUTION-HOURS				NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD			MUD RECORD				FOOTAGE					
MORN	DAY	EVE			STANDS D.P.	FT.	BIT NO.	SIZE	MFG.	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FLTR. CK.	PH	SD. CONT. %	FROM	TO	
				43	403	4.91	16	8 3/4	Smith	1:00	91	33	12.4	2/32	9.5		4794	48	
	8 1/2	8		1	32	27	8 3/4	Smith	9.1	9.1	33	12.0	2/32	10.0					
				24	720	00	555	555	12.4	12.0	33	12.0	2/32	10.0					
				7	30	52	2-11	1-12	12.4	12.0	33	12.0	2/32	10.0					
				2	5	07	2-11	1-12	12.4	12.0	33	12.0	2/32	10.0					
TOTAL				4849.00		4761		88		12 3/4		GEL 200#		XC P 100#		CAUSTIC 25#		DRILLER [Signature]	

TIME DISTRIBUTION-HOURS				NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD			MUD RECORD				FOOTAGE				
MORN	DAY	EVE			STANDS D.P.	FT.	BIT NO.	SIZE	MFG.	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FLTR. CK.	PH	SD. CONT. %	FROM	TO
				44	412	8.64	16	8 3/4	Smith	9.5	11.1	35	11.0	2/32	10.0		4874	49
				24	720	00	555	555	11.0	11.2	35	11.0	2/32	10.0				
				7	30	52	2-11	1-12	11.0	11.2	35	11.0	2/32	10.0				
				2	5	04	2-11	1-12	11.0	11.2	35	11.0	2/32	10.0				
TOTAL				4907.00		4761		146		20 1/4		GEL 10# XC P 100#		GEL 10# XC P 100#		DRILLER [Signature]		

TIME DISTRIBUTION-HOURS				NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD			MUD RECORD				FOOTAGE				
MORN	DAY	EVE			STANDS D.P.	FT.	BIT NO.	SIZE	MFG.	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FLTR. CK.	PH	SD. CONT. %	FROM	TO
				44	412	8.64	16	8 3/4	Smith	6.25	9.1	36	11.2	2/32	10.0		4907	49
				2	63	20	8 3/4	Smith	9.1	9.1	36	11.0	2/32	10.0				
				24	720	00	555	555	11.2	11.0	36	11.0	2/32	10.0				
				7	30	52	2-11	1-12	11.2	11.0	36	11.0	2/32	10.0				
				2	5	04	2-11	1-12	11.2	11.0	36	11.0	2/32	10.0				
TOTAL				4974.00		4761		213		25 1/4		GEL 200#		GEL 200#		DRILLER [Signature]		

WIRE LINE RECORD				WT. OF STRING		LBS.		REAMER TYPE		REAMER NO.		DRILLER		DATE	
				122,000											

MARCH 5/69

WELL NO. **K-12** FIELD OR DIST. **TAYLOR LAKE** COUNTY **YUKON TERR** STATE **CANADA**

PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB TO C/SO. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									
NSCO	K-380	14		9 3/8	MANN	36-555	29	901.33	12.55	400.00	430 5/8 x 12m - 3% Cas
NSCO	K-380	14									

MUD RECORD			FOOTAGE		DR-D RML-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM-D-G
FROM	TO	STROKE	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
0	4.0	7.0	4794	4849	D		40	35	1300	5 1/2	70	5 1/2		5	
1	9.1	9.1					40	35	1300	X		X	70	5	
33	3.5	3.6									14		14		
14	12.0	12.0													
32	2/32	2/32													
5	10.0	10.0													

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO	STROKE		
12.0	8.00	8		DRAG 3 3/4 HOLE

AMT.	TYPE	AMT.
100#		
100#		
50#		

CHANGED GLAND PACKING IN #1 PUMP
CHANGED HEAD RUBBERS IN #2 PUMP

MUD RECORD			FOOTAGE		DR-D RML-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM-D-G
FROM	TO	STROKE	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
0	18.5	3.5	4849	4907	D		40	35	1300	5 1/2	70	5 1/2			
1	9.1	9.1													
5	3.5	3.6													
1	11.2	11.2													
32	2/32	2/32													
1.0															

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO	STROKE		
8.0	9.45	136		DRAG 3 3/4 HOLE
9.0	1.0	1/2		SURVEY & SERVICE RIG
10.15	4.00	5 3/4		DRAG 3 3/4 HOLE

AMT.	TYPE	AMT.
10# XC Packed		100#
10# Clusters		55#

MUD RECORD			FOOTAGE		DR-D RML-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM-D-G
FROM	TO	STROKE	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
0	10.0	12.0	4907	4974	D		40	35	1300	5 1/2	70	5 1/2			
1	9.1	9.1													
6	3.6	3.6													
1.2	11.0	11.0													
32	2/32	2/32													
0.0	9.5	9.5													

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO	STROKE		
4.00	12.00	8		DRAG 3 3/4 HOLE

AMT.	TYPE	AMT.
20 lbs		

MARCH 4/69

P

1-15

WELL NO. K-15 FIELD OR DIST. TAYLOR LAKE COUNTY YUKON TERR STATE CANADA

PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									
ISCO	K-380	14		9 5/8	MANN	36 J55	29	904.33	12.55	900.00	430 3/4 Cem - 3/4 CH
ISCO	K-380	14									

LOG RECORD	FOOTAGE		DR. O R.M. R CORE...C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTAARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM-D-G
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
0	3.00	6.00											
1	9.1	9.1	D			44	40	1400	5 1/2	70	5 1/2		5
5	35	34							X		X		
2		14 1/4							14		14		

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	4690	3°							

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
12.00	5.45	5 3/4		DRUG 8 3/4 HOLE
5.45	6.15	1/2		W.L SURVEY @ 4690 - RIG SEAR
6.15	8.00	1 3/4		DRUG 8 3/4 HOLE

CHEMICALS ADDED		
AMT.	TYPE	AMT.
100*	XC POLY	
HELD SAFETY MEETING & BLOW OUT DRILL		

LOG RECORD	FOOTAGE		DR. O R.M. R CORE...C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTAARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM-D-G
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
1	117.26	176.1	D			44	110	1400	5 1/2	70	5 1/2		
2									X		X		
2									14		14		

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	476.1	8 1/2°							

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
5.00	9.15	1 1/4		DRUG 8 3/4 HOLE
9.15	9.30	1/4		SERVICE RIG SURVEY BY ORBIT KELLEY COCK
9.30	9.45	1 1/4		DRUG 8 3/4 HOLE
9.45	4.00	1 1/4		SURVEY & HOLD FOR BIT

CHEMICALS ADDED		
AMT.	TYPE	AMT.

LOG RECORD	FOOTAGE		DR. O R.M. R CORE...C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTAARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM-D-G
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
5.00	12.00												
9.1	9.1	D			44	20	1400	5 1/2	70			5	
34	33				47	30	300	5 1/2	70				

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
4.00	4.30	1/2		DRUG 8 3/4 HOLE
4.30	5.15	1/4		CHANGE BIT - 2 1/2" BIT
5.15	6.45	1 1/4		RUN BY BIT
6.45	7.15	1/2		DRUG 8 3/4 HOLE
7.15	12.00	4 3/4		DRUG 8 3/4 HOLE

CHEMICALS ADDED		
AMT.	TYPE	AMT.

DAILY DRILLING REPORT

REPORT NO. 28

DATE MARCH 4/69

OPERATOR McDERMOTT GCO		LEASE McDERMOTT NORTH UP TAYLOR LAKE YT K-15		WELL NO. K-15	FIELD OR DIST.																
CONTRACTOR S & T DRILLING (WESTERN) CO. LTD.		RIG NO. 1E	DRILL PIPE STRING NO. 2 SIZE 4	TOOL JOINT 5 O.D.	PUMPS																
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>[Signature]</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>[Signature]</i>		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>NO.</th> <th>MANUFACTURER</th> <th>TYPE</th> <th>STROKE LENGTH</th> </tr> <tr> <td>1.</td> <td>NESCO</td> <td>K-380</td> <td>14</td> </tr> <tr> <td>2.</td> <td>NESCO</td> <td>K-380</td> <td>14</td> </tr> <tr> <td>3.</td> <td></td> <td></td> <td></td> </tr> </table>		NO.	MANUFACTURER	TYPE	STROKE LENGTH	1.	NESCO	K-380	14	2.	NESCO	K-380	14	3.			
NO.	MANUFACTURER	TYPE	STROKE LENGTH																		
1.	NESCO	K-380	14																		
2.	NESCO	K-380	14																		
3.																					

TIME DISTRIBUTION-HOURS			
	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	7 1/2	6	4 1/4
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS		1 3/4	2
LUBRICATE RIG		1/4	
DEVIATION SURVEY	1/2		
TEST B.O.P.			
CUT OFF DRILLING LINE			
PAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE	
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	FROM	TO
42	3941.48	FT.	15	8 3/4	12 ⁰⁰	9.1	35	4620	47
24	720.00	FT.	588	588	3 ⁰⁰	9.1	35		
7	30.52	FT.	2-11	1-12	6 ⁰⁰	9.1	35		
2	5.04	FT.	201422	1-12		9.1	35		
TOTAL		4726.00 FT.	REAMER NO.		MUD & CHEMICALS ADDED			TIME LOG	
WT. OF STRING		118,000 LBS.	REAMER TYPE		TYPE AMT. TYPE AMT. Calce 100# XC Poly 100# Demicide 10# Chromic C 10#			FROM TO 12 ⁰⁰ 5 ⁴⁵ 5 ⁴⁵ 6 ¹⁵ 6 ¹⁵ 8 ⁰⁰	

COMPLETION WORK			
	MORN	DAY	EVE
A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE	
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	FROM	TO
42	3941.48	FT.	15	8 3/4	8 ⁰⁰	9.1	34	1726	1
1	31.78	FT.	588	588		9.1	34		
24	720.00	FT.	2-11	1-12		9.1	34		
7	30.52	FT.	201422	1-12		9.1	34		
2	5.04	FT.				9.1	34		
TOTAL		4726.00 FT.	REAMER NO.		MUD & CHEMICALS ADDED			TIME LOG	
WT. OF STRING		120,000 LBS.	REAMER TYPE		TYPE AMT. TYPE AMT. Demicide 10# Chromic C 10#			FROM TO 5 ⁰⁰ 5 ⁴⁵ 5 ⁴⁵ 9 ³⁰ 9 ³⁰ 2 ⁰⁰	

WIRE LINE RECORD	
REEL NO.	SIZE
NO. OF LINES	
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE	
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	FROM	TO
42	3941.48	FT.	10	5 3/4	5 ⁰⁰	9.1	34	4761	4
2	63.42	FT.	588	588		9.1	34		
24	720.00	FT.	2-11	1-12		9.1	34		
7	30.52	FT.	N 9251	1-12		9.1	34		
2	2.04	FT.				9.1	34		
TOTAL		4794.00 FT.	REAMER NO.		MUD & CHEMICALS ADDED			TIME LOG	
WT. OF STRING		120,000 LBS.	REAMER TYPE		TYPE AMT. TYPE AMT. Demicide 10# Chromic C 10#			FROM TO 4 ⁰⁰ 4 ¹⁵ 4 ¹⁵ 4 ³⁰ 4 ³⁰ 6 ⁰⁰ 6 ⁰⁰ 7 ⁰⁰	

MARCH 4/69
P
K-15

WELL NO. K-15	FIELD OR DIST. TAYLOR LAKE	COUNTY YUKON TERR	STATE CANADA								
PUMPS			SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CS&L HD.	SET AT	REMARKS	
MANUFACTURER USCO	TYPE K-380	STROKE LENGTH 14	9 5/8	MANN	36-J55	29	904.33	12.55	9000	430	Dry Cem - 3/4 CM
USCO	K-380	14									
USCO	K-380	14									

MUD RECORD			FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SOL-S PAR-EL-P COND-C
0	3.00	6.00													
1	9.1	9.1	4620	4721	D			44	40	1400	5 1/2	70	5 1/2	5	
5	35	24									1		1		
2		14/4									14		14		

DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
32		4690	30							

CHEMICALS ADDED			DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS																	
AMT.	TYPE	AMT.	FROM	TO	ELAPSED TIME															
100#	XCPOLY	100#	12.00	5.45	5 3/4	DRAG 9 3/4 HOLE														
			5.45	6.15	1/2	W.L SURVEY @ 4690 - RIG SERV														
			6.15	8.00	1 3/4	DRAG 9 3/4 HOLE														
						HELD SAFETY MEETING & BLOWOUT DRILL														

MUD RECORD			FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SOL-S PAR-EL-P COND-C
0															
1			4726	4761	D			44	40	1400	5 1/2	70	5 1/2	5	
4											14		14		

DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
32		4761	8 1/2							

CHEMICALS ADDED			DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS																	
AMT.	TYPE	AMT.	FROM	TO	ELAPSED TIME															
			5.00	9.15	1/4	DRAG 5 1/2 HOLE														
			9.15	9.30	1/4	SERVICE RIG SURVEY & EXORBIT KELLEY CHECK														
			9.30	9.45	1/4	DRAG 5 1/2 HOLE														
			9.45	10.00	1/4	SURVEY & HOLD RIG														

MUD RECORD			FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SOL-S PAR-EL-P COND-C
5.00	9.1		4761	4794	D			44	20	1400	5 1/2	70			5
34	35							44	30	1300	5 1/2	70			

DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
10.0										

CHEMICALS ADDED			DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS																	
AMT.	TYPE	AMT.	FROM	TO	ELAPSED TIME															
			4.00	4.30	1/2	DRAG 5 1/2 HOLE														
			4.30	5.00	1/4	SERVICE RIG SURVEY & EXORBIT KELLEY CHECK														
			5.00	6.00	1/4	DRAG 5 1/2 HOLE														
			6.00	7.00	1/4	SURVEY & HOLD RIG														
			7.00	10.00	4 3/4	DRAG 5 1/2 HOLE														

DAILY DRILLING REPORT

REPORT NO. 27

DATE MAR 3/64

OPERATOR M^cDERMOTT C.C.C.	LEASE M^cDERMOTT NORTH UP TAYLOR LAKE YT K-15	WELL NO. 75	FIELD OR DIST.
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CONTRACTOR S & T DRILLING (WESTERN) CO. LTD.	RIG NO. 1E	DRILL PIPE STRING NO. 2 SIZE 4	TOOL JOINT 5 O.D. TYPE THD. 3/2 JF	PUMPS			
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>S. G. Patterson</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>A. B. Salonga</i>		NO.	MANUFACTURER	TYPE	STROKE LENGTH
				1.	NSCO	K-350	14
				2.	NSCO	K-350	14
				3.			

TIME DISTRIBUTION-HOURS			
	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	7/2	2 1/2	7/2
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS		3 1/2	
LUBRICATE RIG			
DEVIATION SURVEY	1/2		1/2
TEST B.O.P.			
CUT OFF DRILLING LINE		1/2	
REPAIR RIG		3/4	
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER		1/2	
FISHING			
COMPLETION WORK			
A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8		8
TIME SUMMARY (OFFICE USE ONLY)			
DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			
WIRE LINE RECORD			
REEL NO.			
NO. OF LINES	8	SIZE	1 1/8
FEET SLIPPED	23		
FEET CUT OFF	69		
PRESENT LENGTH			
TON MI. OR TRIPS SINCE LAST CUT			
CUMULATIVE TON MI. OR TRIPS			
NO. OF DAYS FROM SPUD			
CUMULATIVE ROTATING HRS.			

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE	
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	W.L.-C.C.	FROM	TO
39	STANDS D.P.	3659.08 FT.	BIT NO.	14	TIME	2.00	4.10	7.00	
2	SINGLES D.P.	63.33 FT.	SIZE	5 3/4	WEIGHT	91	9.1	9.1	4437 44
	D.C.		MFG.	SEC	VISC.-SEC	36	35		
24	I.D. O.D.	720.00 FT.	TYPE	DMJ	W.L.-C.C.		140		
	D.C.		NO.	2-11	FLTR. CK.		3/32		
	I.D. O.D.	FT.	NOZZLE	SIZE 1-13	PH	11.0	11.0	10.5	
5	STB. BODY O.D.	22.35 FT.	SER. NO.	910339	SD. CONT. %				
	STB. BODY O.D.	FT.	DEPTH OUT	4451	PRESSURE GRADIENT				
	RMR. BODY O.D.	FT.	DEPTH IN	4243					
2	SUBS O.D.	5.04 FT.	TOTAL FTG.	188					
	BIT OR C.B.	FT.	TOTAL HR. RUN	21 1/4					
	FT.		COND. OF BIT	NEW					
	KELL'D DOWN	11 FT.	REAMER NO.						
	TOTAL	4481.00 FT.	REAMER TYPE						
	WT. OF STRING	110.000 LBS.							

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE	
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	W.L.-C.C.	FROM	TO
39	STANDS D.P.	3722.41 FT.	BIT NO.	14 16	TIME				
2	SINGLES D.P.	63.33 FT.	SIZE	5 3/4 5 3/4	WEIGHT	91		4481	45
	D.C.		MFG.	SEC SEC	VISC.-SEC				
24	I.D. O.D.	720.00 FT.	TYPE	DMJ 5 5 5	W.L.-C.C.				
	D.C.		NO.	2-11 2-11	FLTR. CK.		3/32		
	I.D. O.D.	FT.	NOZZLE	SIZE 1-13 1-12	PH				
7	STB. BODY O.D.	30.52 FT.	SER. NO.	910339 901422	SD. CONT. %				
	STB. BODY O.D.	FT.	DEPTH OUT	4451	PRESSURE GRADIENT				
	RMR. BODY O.D.	FT.	DEPTH IN	4243 4451					
2	SUBS O.D.	5.04 FT.	TOTAL FTG.	195					
	BIT OR C.B.	FT.	TOTAL HR. RUN	21 1/4 2 1/2					
	FT.		COND. OF BIT	7-5-I NEW					
	KELLY DOWN	38.03 FT.	REAMER NO.						
	TOTAL	4516.00 FT.	REAMER TYPE						
	WT. OF STRING	116.111 LBS.							

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE	
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	W.L.-C.C.	FROM	TO
41	STANDS D.P.	3876.13 FT.	BIT NO.	12	TIME	4.00			
	SINGLES D.P.	63.33 FT.	SIZE	8 3/4	WEIGHT	91		4516	46
	D.C.		MFG.	SEC	VISC.-SEC	33	34		
24	I.D. O.D.	720.00 FT.	TYPE	588	W.L.-C.C.				
	D.C.		NO.	2-11	FLTR. CK.		3/32		
	I.D. O.D.	FT.	NOZZLE	SIZE 1-12	PH				
7	STB. BODY O.D.	30.52 FT.	SER. NO.	201422	SD. CONT. %				
	STB. BODY O.D.	FT.	DEPTH OUT		PRESSURE GRADIENT				
	RMR. BODY O.D.	FT.	DEPTH IN	4461					
2	SUBS O.D.	5.04 FT.	TOTAL FTG.	121					
	BIT OR C.B.	FT.	TOTAL HR. RUN	11					
	FT.		COND. OF BIT	NEW					
	KELLY DOWN	17.31 FT.	REAMER NO.						
	TOTAL	4620.00 FT.	REAMER TYPE						
	WT. OF STRING	116.000 LBS.							

MAR 3/64
TAYLOR LAKE

WELL NO. K-15	FIELD OR DIST. TAYLOR LAKE	COUNTY YUKON TERR	CITY CANADA
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PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & CR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									
N.S.C.O.	K-380	14		4 5/8	Minn	36" J55	29	904 33	12 55	900 00	4 3/8 S&W Cem - 3% Oil
N.S.C.O.	K-380	14									

MUD RECORD			FOOTAGE		DR. D. RM. R. CORE - C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000'	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN E.G. S. PAR. E. L. P. COM'D - C
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
2.00	4.00	7.00													
9.1	9.1	9.1	4437	4481	D			50	25	1250	5 1/2	70			5
36	35	35						49	25	1250	X	70			
	140										14				
	2/32														
11.0	11.0	10.5													

DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
			4465	8°							

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS												
FROM	TO															
12 ⁰⁰	6 ³⁰		6 1/2	DRAG 5 3/4 HOLES												
6 ³⁰	7 ⁰⁰		1/2	W.L. SURVEY @ 4465 - RIG SERU												
7 ⁰⁰	5 ³⁰		1	DRAG 5 3/4 HOLES												

MUD RECORD			FOOTAGE		DR. D. RM. R. CORE - C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000'	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN E.G. S. PAR. E. L. P. COM'D - C
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
	2.00														
	9.1		4481	4576	11			44	40	1400	5 1/2	70	5 1/2		
	33										X		X		
	10.5										14		14		
	2.32														
	11.5														

DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS												
FROM	TO															
8 ⁰⁰	10 ⁰⁰		2	DRAG 5 3/4 HOLES												
10 ⁰⁰	10 ¹⁵		1/4	CHANGE TO BIT												
10 ¹⁵	10 ⁴⁵		1/2	SHIP 23' + CUT 69 FT. WIRE LINE												
10 ⁴⁵				Pick up 2 Blanks + 5.000' - Put Back on Stabilizer												
	11 ¹⁵		1/2	INDEX 180 FT. ABOVE BIT												
	11 ⁰⁵		3/4	CHECK ON NEW LIGHT PLANT (SERU RIG)												
	12 ⁰⁰		1/4	Run in oil Bit 15												
	1 ¹⁵		14	BREAK CIRC + CLASH SET TO BOTTOM												

MUD RECORD			FOOTAGE		DR. D. RM. R. CORE - C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000'	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN E.G. S. PAR. E. L. P. COM'D - C
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
4.0	7.0	9.0													
9.1	9.1	9.1	4576	4620	D			44	40	1400	5 1/2	70	5 1/2		5
33	34	36									X		X		
	2.8										14		14		
	2.32														
	11.5														

DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
			4570	8°							

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS												
FROM	TO															
11 ⁰⁰	8 ⁴⁵		4 3/4	DRAG 5 3/4 HOLES												
8 ⁴⁵	9 ¹⁵		1/2	W.L. SURVEY @ 4570 - RIG SERU												
9 ¹⁵	12 ⁰⁰		2 3/4	DRAG 5 3/4 HOLES												

MARCH 2/69
LAKE

WELL NO. 1-12 FIELD OR DIST. TAYLOR LAKE COUNTY YUKON TERR STATE CANADA

PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & CR.	NO. JOINTS	FEET	R.B. TO CSG. HD.	SET	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									
USCO	K-350	14		9 5/8	MANN	SE-155	29	904.33	12.55	9000	4.50 MAX CEM-3/4" DIA
USCO	K-350	14									

MUD RECORD			FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SOL. S. PAR. L. P. COMB. C
AMT.	TYPE	AMT.	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
4.0															
1	9.0		4250	4293	D			50	25	125	5/2	70	5/2		
37	37										X		X		
12											14		14		
52															
0	8.5														
DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION				
			4293	70											
TIME LOG			FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
			12:00	1:15	1 1/4	DRILL 5 3/4" HOLE									
			1:15	1:45	3/2	REPAIR AIR LINE TO ROTARY TABLE									
			1:45	5:15	3 1/2	DRILL 5 3/4" HOLE									
& CHEMICALS ADDED			AMT.	TYPE	AMT.										
			5.0		7:15	SURVEY - HOIST FOR BIT									
			50#		7:15	6 BOP'S - CHANGE BITS									
					7:30	CHANGE RUBBER ON STAB									
					7:40	CLEANED SAND TRAP									

MUD RECORD			FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SOL. S. PAR. L. P. COMB. C
AMT.	TYPE	AMT.	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
2.0		3.0													
7.0		9.1	4293	4373	D			50	30	125	5/2	70	5/2		
35		35						50	35	125	X	70	X		
4.8		14.4									14		14		
2/32		2/32													
7.5		9.0													
DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION				
TIME LOG			FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
			8:00	9:15	1 1/4	RUN IN BIT # 14									
			9:15	9:45	3/4	BREAK END SURFACE RIG + CLEAN TO 11' HOLE									
			9:45	10:00	6 1/4	DRILL 5 1/4" HOLE (5 1/4")									
& CHEMICALS ADDED			AMT.	TYPE	AMT.										
			50#												
			20#												
			4.15												

MUD RECORD			FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SOL. S. PAR. L. P. COMB. C
AMT.	TYPE	AMT.	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
4.0		11.0													
7.1		9.0	4373	4437	D			50	30	125	5/2	70	5/2		
35		36						50	25	125	X	70	X		
4.6		15.4									14		14		
2/32		2/32													
7.0		10.0													
DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION				
			4437	70											
TIME LOG			FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
			4:00	4:15	1 1/4	DRILL 5 1/4" HOLE									
			5:00	5:45	4/2	SURVEY + SURFACE RIG									
			5:45	10:00	6 1/4	DRILL 5 1/4" HOLE									
& CHEMICALS ADDED			AMT.	TYPE	AMT.										
			4.15												

DAILY DRILLING REPORT

REPORT NO. 25 DATE March 1/69

OPERATOR: M^cDERMOTT C.C.
 LEASE: M^cDERMOTT NORTH L.P. TAYLOR LAKE Y.T. K-15
 WELL NO. A 2 FIELD OR DIST.

CONTRACTOR: S & T DRILLING (WESTERN) CO. LTD.
 RIG NO. 1E
 DRILL PIPE STRING NO. 2 SIZE 4
 TOOL JOINT 5 O.D. TYPE THD. 3/4 IF
 PUMPS: 1. NSCO 330 14
 2. NSCO 330 14
 3.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: S. G. Patterson
 SIGNATURE OF CONTRACTOR'S TOOL PUSHER: U.S. Valencia

TIME DISTRIBUTION-HOURS				DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE	
	MORN	DAY	EVE	NO.		BIT NO.		TIME			FROM	TO
RIG UP & TEAR DOWN				35	STANDS D.P. 3251 78 FT.	13		1:00	4:00	7:00		
DRILLING ACTUAL	7 1/2	7 1/2	7 1/2	1	SINGLES D.P. 31.59 FT.	5 3/4		WEIGHT	91	71	3995	40
REAMING					D.C.	MFG.		VISC.-SEC	40	37		
CONDITIONING MUD & CIRCULATING				24	I.D. O.D. 720.00 FT.	DMJ		W.L.-C.C.	12.5	12		
TRIPS					D.C.	NO.		FLTR. CK.	2/32	3/8		
LUBRICATE RIG					I.D. O.D. FT.	SIZE		PH	9.5	9		
DEVIATION SURVEY	1/2	1/2	1/2	5	STB. BODY O.D. 22 38 FT.	1-13		SD. CONT. %				
TEST B.O.P.					STB. BODY O.D. FT.	910345		PRESSURE GRADIENT				
CUT OFF DRILLING LINE					RMR. BODY O.D. FT.	DEPTH OUT		MUD & CHEMICALS ADDED				
PAIR RIG					STB. BODY O.D. FT.	DEPTH IN		TYPE				
WORKING					RMR. BODY O.D. FT.	TOTAL FTG.		AMT.				
WIRE LINE LOGGING					SUBS O.D. 5.04 FT.	TOTAL HR. RUN		TYPE				
RUNNING CASING & CEMENTING					BIT OR C.B. FT.	COND. OF BIT						
WAITING ON CEMENT					KELLY DOWN 29 21 FT.	REAMER NO.						
DRILL STEM TEST					TOTAL 4096.00 FT.	REAMER TYPE						
OTHER					WT. OF STRING 106,000 LBS.							
FISHING												

TIME DISTRIBUTION-HOURS				DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE	
	MORN	DAY	EVE	NO.		BIT NO.		TIME			FROM	TO
DRILLING ACTUAL	8	8	8	36	STANDS D.P. 3413 82 FT.	13		9:15	12:00	4:00		
REAMING				1	SINGLES D.P. FT.	5 3/4		WEIGHT	91	91	4096	41
CONDITIONING MUD & CIRCULATING					D.C. 64	MFG.		VISC.-SEC	35	39		
TRIPS					I.D. O.D. 720.00 FT.	DMJ		W.L.-C.C.	12.4	12		
LUBRICATE RIG					D.C.	NO.		FLTR. CK.	2/32	2		
DEVIATION SURVEY					I.D. O.D. FT.	SIZE		PH	9.0	9		
TEST B.O.P.					STB. BODY O.D. 22.38 FT.	1-13		SD. CONT. %				
CUT OFF DRILLING LINE					STB. BODY O.D. FT.	910345		PRESSURE GRADIENT				
PAIR RIG					RMR. BODY O.D. FT.	DEPTH OUT		MUD & CHEMICALS ADDED				
WORKING					STB. BODY O.D. FT.	DEPTH IN		TYPE				
WIRE LINE LOGGING					RMR. BODY O.D. FT.	TOTAL FTG.		AMT.				
RUNNING CASING & CEMENTING					SUBS O.D. 5.04 FT.	TOTAL HR. RUN		TYPE				
WAITING ON CEMENT					BIT OR C.B. FT.	COND. OF BIT						
DRILL STEM TEST					KELLY DOWN 13 36 FT.	REAMER NO.						
OTHER					TOTAL 4174.00 FT.	REAMER TYPE						
FISHING					WT. OF STRING 128,000 LBS.							

TIME DISTRIBUTION-HOURS				DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE	
	MORN	DAY	EVE	NO.		BIT NO.		TIME			FROM	TO
DRILLING ACTUAL				37	STANDS D.P. 3435 3 FT.	13		4:00	9:15	11:00		
REAMING					SINGLES D.P. FT.	5 3/4		WEIGHT	91	91	4124	42
CONDITIONING MUD & CIRCULATING					D.C.	MFG.		VISC.-SEC	36	35		
TRIPS					I.D. O.D. 720.00 FT.	DMJ		W.L.-C.C.	12.4	12		
LUBRICATE RIG					D.C.	NO.		FLTR. CK.	2/32	2		
DEVIATION SURVEY					I.D. O.D. FT.	SIZE		PH	9.5	9.0		
TEST B.O.P.					STB. BODY O.D. 22 38 FT.	1-13		SD. CONT. %				
CUT OFF DRILLING LINE					STB. BODY O.D. FT.	910345		PRESSURE GRADIENT				
PAIR RIG					RMR. BODY O.D. FT.	DEPTH OUT		MUD & CHEMICALS ADDED				
WORKING					STB. BODY O.D. FT.	DEPTH IN		TYPE				
WIRE LINE LOGGING					RMR. BODY O.D. FT.	TOTAL FTG.		AMT.				
RUNNING CASING & CEMENTING					SUBS O.D. 5.04 FT.	TOTAL HR. RUN		TYPE				
WAITING ON CEMENT					BIT OR C.B. FT.	COND. OF BIT						
DRILL STEM TEST					KELLY DOWN 28 77 FT.	REAMER NO.						
OTHER					TOTAL 4250.00 FT.	REAMER TYPE						
FISHING					WT. OF STRING 108,000 LBS.							

WIRE LINE RECORD

REEL NO.

NO. OF LINES SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. OR TRIPS SINCE LAST CUT

CUMULATIVE TON MI. OR TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

March 1/69
 9440R

WELL NO. **K-3** FIELD OR DIST. **TAYLOR LAKE** COUNTY **DIXON TERR** STATE **CANADA**

PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO JOINTS	FEET	RKB TO CSU HD	SET PT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									
W.S.C.O.	K-380	14		9 5/8	Mann	36" J55	27	90433	1255	900.00	430 Jaxcem 3 3/4" Dia
W.S.C.O.	K-380	14									

MUD RECORD			FOOTAGE		DR. D R.M.R. CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 F	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SOL-S PART-L-P CUM-D-C
100	400	700	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
91	91	9	3995	4096	D			50	30	1200	5 1/2	70	5 1/2		5
40	37	3									X		X		
28		12"									14		14		
2/32		3/8"													
95		9													

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS			
FROM	TO		DEPTH	DEV.	DIRECTION	DEPTH
12 ⁰⁰	3 ³⁰	3 1/2				DRAG 3 3/4 Hole
3 ³⁰	4 ⁰⁰	1/2				W/L SURVEY @ 4035 - RIG SEN.
4 ⁰⁰	5 ⁰⁰	4				DRAG 3 3/4 Hole

D & CHEMICALS ADDED
 AMT. TYPE AMT.
 B. Amstrong

MUD RECORD			FOOTAGE		DR. D R.M.R. CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 F	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SOL-S PART-L-P CUM-D-C
91 <th>1205 <th>3 <th>FROM</th> <th>TO</th> <th>LINER SIZE</th> <th>S.P.M.</th> <th>LINER SIZE</th> <th>S.P.M.</th> </th></th>	1205 <th>3 <th>FROM</th> <th>TO</th> <th>LINER SIZE</th> <th>S.P.M.</th> <th>LINER SIZE</th> <th>S.P.M.</th> </th>	3 <th>FROM</th> <th>TO</th> <th>LINER SIZE</th> <th>S.P.M.</th> <th>LINER SIZE</th> <th>S.P.M.</th>	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
91	91	9	4096	4174	D			50	30	1200	5 1/2	70	5 1/2		5
35	39	3						50	30	1200	1	10	1		
2/4		1/2"						50	25	1250	14		14		
2/32		7/8"													
90		9.5													

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS			
FROM	TO		DEPTH	DEV.	DIRECTION	DEPTH
5 ⁰⁰	11 ⁴⁵	3 3/4				DRAG 3 3/4 Hole
11 ⁴⁵	12 ¹⁵	1/2				SECUREY + RIG SEN. HOLE
12 ¹⁵	4 ⁰⁰	2 3/4				DRAG 3 3/4 Hole

D & CHEMICALS ADDED
 AMT. TYPE AMT.
 100 #
 50 #
 10 #
 B. Amstrong

MUD RECORD			FOOTAGE		DR. D R.M.R. CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 F	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SOL-S PART-L-P CUM-D-C
91 <th>705 <th>1100</th> <th>FROM</th> <th>TO</th> <th>LINER SIZE</th> <th>S.P.M.</th> <th>LINER SIZE</th> <th>S.P.M.</th> </th>	705 <th>1100</th> <th>FROM</th> <th>TO</th> <th>LINER SIZE</th> <th>S.P.M.</th> <th>LINER SIZE</th> <th>S.P.M.</th>	1100	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
91	91	9.1	4174	4250	D			50	25	1250	5 1/2	70			5
36	35	37									X		X		
12/4		1/2"									14		14		
2/32		7/8"													
95		9.0													

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS			
FROM	TO		DEPTH	DEV.	DIRECTION	DEPTH
4 ⁰⁰	2 ⁰⁰	2 1/2				DRAG 3 3/4 Hole
2 ⁰⁰	12 ⁰⁰	1/2				W/L SURVEY + SECUREY HOLE
12 ⁰⁰	12 ⁰⁰	5				DRAG 3 3/4 Hole

D & CHEMICALS ADDED
 AMT. TYPE AMT.
 100 #
 50 #
 10 #
 B. Amstrong

OPERATOR McDERMOTT G.C.O.		LEASE McDERMOTT NORTH UP TAYLOR LAKE Y.T. K-15		WELL NO.	FIELD OR DIST.
CONTRACTOR S & T DRILLING (WESTERN) CO. LTD.		RIG NO. 1E	DRILL PIPE STRING NO. 2 SIZE 4	TOOL JOINT 5 O.D.	PUMPS
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>A. S. Patterson</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>V. Salgado</i>		NO.	MANUFACTURER
				1.	NISCO
				2.	NISCO
				3.	

TIME DISTRIBUTION-HOURS				DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE												
MORN	DAY	EVE		NO.	STANDS D.P.	BIT NO.	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FLTR. CK.	PH	SD. CONT. %	PRESSURE GRADIENT	DEPTH OUT	DEPTH IN	TOTAL FTG.	TOTAL HR. RUN	COND. OF BIT	REAMER NO.	REAMER TYPE	DRILLER	
				33	3098.99 FT.	RR7A	100	90	37	12.8	7/32	10.5											
				24	720.00 FT.	534	90	37	37	12.8	7/32	10.5											
				5	22.38 FT.	555	90	37	37	12.8	7/32	10.5											
				2	5.04 FT.	2-11	90	37	37	12.8	7/32	10.5											
						1-13	90	37	37	12.8	7/32	10.5											
						N9213	90	37	37	12.8	7/32	10.5											
						3725	90	37	37	12.8	7/32	10.5											
						162	90	37	37	12.8	7/32	10.5											
						22 1/4	90	37	37	12.8	7/32	10.5											
						41 10 FT.	90	37	37	12.8	7/32	10.5											
						3887.51 FT.	90	37	37	12.8	7/32	10.5											
						110.000 LBS.	90	37	37	12.8	7/32	10.5											

TIME DISTRIBUTION-HOURS				DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE												
MORN	DAY	EVE		NO.	STANDS D.P.	BIT NO.	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FLTR. CK.	PH	SD. CONT. %	PRESSURE GRADIENT	DEPTH OUT	DEPTH IN	TOTAL FTG.	TOTAL HR. RUN	COND. OF BIT	REAMER NO.	REAMER TYPE	DRILLER	
				33	3130.30 FT.	RR7A	90	90	36	14.4	7/32	10.5											
				1	720.00 FT.	534	90	36	37	14.4	7/32	10.5											
				5	22.38 FT.	555	90	36	37	14.4	7/32	10.5											
				2	5.04 FT.	2-11	90	36	37	14.4	7/32	10.5											
						1-13	90	36	37	14.4	7/32	10.5											
						N9213	90	36	37	14.4	7/32	10.5											
						3725	90	36	37	14.4	7/32	10.5											
						190	90	36	37	14.4	7/32	10.5											
						47 3/4	90	36	37	14.4	7/32	10.5											
						37.25 FT.	90	36	37	14.4	7/32	10.5											
						3915.00 FT.	90	36	37	14.4	7/32	10.5											
						110.000 LBS.	90	36	37	14.4	7/32	10.5											

TIME DISTRIBUTION-HOURS				DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE												
MORN	DAY	EVE		NO.	STANDS D.P.	BIT NO.	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FLTR. CK.	PH	SD. CONT. %	PRESSURE GRADIENT	DEPTH OUT	DEPTH IN	TOTAL FTG.	TOTAL HR. RUN	COND. OF BIT	REAMER NO.	REAMER TYPE	DRILLER	
				34	3142.99 FT.	13	50	110	33	12.8	7/32	10.0											
				1	31.33 FT.	534	50	92	40	12.8	7/32	10.0											
				24	920.00 FT.	555	50	92	40	12.8	7/32	10.0											
				5	22.38 FT.	2-11	50	92	40	12.8	7/32	10.0											
						1-13	50	92	40	12.8	7/32	10.0											
						N1113	50	92	40	12.8	7/32	10.0											
						910345	50	92	40	12.8	7/32	10.0											
						3910	50	92	40	12.8	7/32	10.0											
						50	50	92	40	12.8	7/32	10.0											
						5 1/2	50	92	40	12.8	7/32	10.0											
						22.14 FT.	50	92	40	12.8	7/32	10.0											
						3495.00 FT.	50	92	40	12.8	7/32	10.0											
						116.000 LBS.	50	92	40	12.8	7/32	10.0											

TOTAL DAY WORK		HRS. W/DP		HRS. WO/DP		HRS. STANDBY	
WIRE LINE RECORD		REEL NO.		NO. OF LINES		SIZE	
FEET SLIPPED		FEET CUT OFF		PS. SENT LENGTH		TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS		NO. OF DAYS FROM SPUD		CUMULATIVE ROTATING HRS.			

Feb 23/69

WELL NO. 1-15	FIELD OR DIST. TAYLOR LAKE	COUNTY YUKON TERR	STATE CANADA												
PUMPS		SIZE	MAKE	WT. & GP.	NO JOINTS	FEET	RKB TO CSC. HD.	SET AT	REMARKS						
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING TUBING OR LINER	9 3/8	MANN	36 5/8	29	704 33	12.55	NO. 00	4 3/4	2 1/2	3 1/2	1 1/2	
NESCO	1-380	14													
NESCO	1-380	14													

MUD RECORD			FOOTAGE		DR. O R M. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 FT	PUMP PRESS	PUMP NO.		PUMP NO.	METHOD RUN	
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	PARCEL P
100	100	70													
9.0	9.0	90	3825	3887	D		50	30	250	5/2	70	5/2		5	
37	37	35					50	25	1250	X			X		
2.8		15									1 1/4		1 1/4		
2/32		7													
0.5		16													
DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION				
			3845	7 1/4											
TIME LOG			FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
			12:00	2:30	2 1/2	DRILL 3 3/4 HOLES									
			2:30	3:00	1/2	W.L. SURVEY @ 3845									
			3:00	3:15	1/4	RIG SERV									
			3:15	3:00	4 3/4	DRILL 3 3/4 HOLES									
CHEMICALS ADDED			AMT.	TYPE	AMT.										

MUD RECORD			FOOTAGE		DR. O R M. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 FT	PUMP PRESS	PUMP NO.		PUMP NO.	METHOD RUN	
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	PARCEL P
100	100	100													
9.0	9.0	90	3887	3915	D		50	20	250	5/2	70	5/2		5	
36	37										X		X		
4.4											1 1/4		1 1/4		
2/32		7													
0.5		16													
DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION				
			3875	7 1/4		3915	7 1/4								
TIME LOG			FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
			5:00	5:15	1/4	W.L. SURVEY									
			5:15	5:00	1/4	RIG SERV									
			5:30	2:00	5 1/2	DRILL 3 3/4 HOLES									
			2:00	4:00	2	SURVEY & HOIST									
CHEMICALS ADDED			AMT.	TYPE	AMT.										
			400												
			420												
			80												

MUD RECORD			FOOTAGE		DR. O R M. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 FT	PUMP PRESS	PUMP NO.		PUMP NO.	METHOD RUN	
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	PARCEL P
100	100	100													
9.2	9.2	90	3915	3995	D		40	30	250	5/2	70	5/2		5	
38	40										X		X		
2.8											1 1/4		1 1/4		
2/32		7													
10.0	100														
DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION				
			3970	7 1/2											
TIME LOG			FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
			7:00	7:15	1/4	DRILL 2 3/4 HOLES									
			7:15	6:45	1 1/2	CUTTING PULLEY, SHANK, & HOIST									
			7:45	6:00	1 1/2	W.L. SURVEY									
			6:00	10:30	4 1/2	DRILL 3 3/4 HOLES									
			10:30	11:00	1/2	W.L. SURVEY @ 3970									
			11:00	12:00	1	DRILL 2 3/4 HOLES									
CHEMICALS ADDED			AMT.	TYPE	AMT.										
			100#												
			10#												

OPERATOR
M^c Dermott C.C.C.

LEASE
M^c Dermott North L.V. Hancock Lake
47 K-15

WELL NO. 15
FIELD OR DIST.

CONTRACTOR
S & T DRILLING (WESTERN) CO. LTD.

RIG NO. 15
DRILL PIPE STRING NO. 2 SIZE 4
TOOL JOINT 5 O.D.
TYPE THD. 3/11

PUMPS
NO. 1 MANUFACTURER 1500 TYPE 330 STROKE LENGTH 14
NO. 2 MANUFACTURER 1500 TYPE 330 STROKE LENGTH 14
NO. 3

SIGNATURE OF OPERATOR'S REPRESENTATIVE
C.S. Rafter

SIGNATURE OF CONTRACTOR'S TOOL PUSHER
B. Gale

TIME DISTRIBUTION-HOURS
MORN DAY EVE
RIG UP & TEAR DOWN
DRILLING ACTUAL 3 1/4 7 1/4 7
REAMING
CONDITIONING MUD & CIRCULATING
TRIPS 3/4
LUBRICATE RIG 1/4 1/4
DEVIATION SURVEY 1/2 3/4
TEST B.O.P.
CUT OFF DRILLING LINE
AIR RIG
CORING
WIRE LINE LOGGING
RUNNING CASING & CEMENTING
WAITING ON CEMENT

DRILLING ASSEMBLY AT END OF TOUR
NO. 31 STANDS D.P. 2943 41 FT.
2 SINGLES D.P. 62 90 FT.
D.C.
24 I.D. O.D. 720 00 FT.
D.C.
I.D. O.D. FT.
5 STB. BODY O.D. 22 35 FT.
STB. BODY O.D. FT.
RMR. BODY O.D. FT.
2 SUBS O.D. 5.04 FT.
BIT OR C.B. FT.
KELLY DOWN 9 75 FT.
TOTAL 3732 00 FT.
WT. OF STRING 100,000 LBS.

BIT RECORD
BIT NO. 11 (12)
SIZE 5 3/4 5 3/4
MFG. HW Smith
TYPE XV 555
NOZZLE NO. 2-11 2-11
SIZE 1-12 1-13
SER. NO. DE 390 W 423
DEPTH OUT 3725
DEPTH IN 3716 3715
TOTAL FTG. 9 7
TOTAL HR. RUN 2 1/4 3/4
COND. OF BIT 4-1-1 Run
REAMER NO.
REAMER TYPE

MUD RECORD
TIME 100
WEIGHT 90
VISC.-SEC 39
W.L.-C.C.
FLTR. CK.
PH 110
SD. CONT. %
PRESSURE GRADIENT
MUD & CHEMICALS ADDED
TYPE AMT. TYPE
DRILLER S. J. Smith

FOOTAGE
FROM 3725 TO 3732
DEVIATION RECORD
TIME LOG
FROM TO
2 2
4 4
4 4
4 4
5 5

COMPLETION WORK
A. PERFORATING
B. TUBING TRIPS
C. SWABBING
D. TESTING
E. ADDITIONAL
TOTALS 3 3 8

DRILLING ASSEMBLY AT END OF TOUR
NO. 31 STANDS D.P. 2955 10 FT.
2 SINGLES D.P. 64
D.C. 64
24 I.D. O.D. 720 00 FT.
D.C.
I.D. O.D. FT.
5 STB. BODY O.D. 22.95 FT.
STB. BODY O.D. FT.
RMR. BODY O.D. FT.
2 SUBS O.D. 5.04 FT.
BIT OR C.B. FT.
KELLY DOWN 41 10 FT.
TOTAL 3763 60 FT.
WT. OF STRING 100,000 LBS.

BIT RECORD
BIT NO. RA 7
SIZE 5 3/4
MFG. Smith
TYPE 555
NOZZLE NO. 2-11
SIZE 1-12
SER. NO. W 423
DEPTH OUT
DEPTH IN
TOTAL FTG. 35
TOTAL HR. RUN 3
COND. OF BIT Run
REAMER NO.
REAMER TYPE

MUD RECORD
TIME 100
WEIGHT 90
VISC.-SEC 35 36
W.L.-C.C. 122
FLTR. CK. 252
PH 110
SD. CONT. %
PRESSURE GRADIENT
MUD & CHEMICALS ADDED
TYPE AMT. TYPE AMT.
DRILLER S. J. Smith

FOOTAGE
FROM 3763 TO 3763
DEVIATION RECORD
TIME LOG
FROM TO
3 3
3 3
3 3
3 3
3 3

TIME SUMMARY (OFFICE USE ONLY)
DAY WORK
HRS. W/DP
HRS. WO/DP
HRS. STANDBY

DRILLING ASSEMBLY AT END OF TOUR
NO. 32 STANDS D.P. 3005 01 FT.
2 SINGLES D.P. 62 67 FT.
D.C. 64
24 I.D. O.D. 720 00 FT.
D.C.
I.D. O.D. FT.
5 STB. BODY O.D. 22 35 FT.
STB. BODY O.D. FT.
RMR. BODY O.D. FT.
2 SUBS O.D. 5.04 FT.
BIT OR C.B. FT.
KELLY DOWN 7 54 FT.
TOTAL 3820 00 FT.
WT. OF STRING 100,000 LBS.

BIT RECORD
BIT NO. RA 4
SIZE 5 3/4
MFG. Smith
TYPE 555
NOZZLE NO. 2-11
SIZE 1-12
SER. NO. W 423
DEPTH OUT
DEPTH IN
TOTAL FTG. 100
TOTAL HR. RUN 15
COND. OF BIT Run
REAMER NO.
REAMER TYPE

MUD RECORD
TIME 40
WEIGHT 90
VISC.-SEC 27
W.L.-C.C.
FLTR. CK.
PH 110
SD. CONT. %
PRESSURE GRADIENT
MUD & CHEMICALS ADDED
TYPE AMT. TYPE
DRILLER S. J. Smith

FOOTAGE
FROM 3820 TO 3820
DEVIATION RECORD
TIME LOG
FROM TO
3 3
3 3
3 3
3 3
3 3

WIRE LINE RECORD
REEL NO.
NO. OF LINES SIZE
FEET SLIPPED
FEET CUT OFF
PRESENT LENGTH
TON MI. OR TRIPS SINCE LAST CUT
CUMULATIVE TON MI. OR TRIPS
NO. OF DAYS FROM SPUD
CUMULATIVE ROTATING HRS.

B21/69
 W. LINK

WELL NO. P 14	FIELD OR DIST. TAYLOR LAKE	COUNTY YUKON TERR	STATE ALASKA							
PUMPS			SIZE	MAKE	WT. & GR.	NO JOINTS	FEET	RKB TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH								
SEC	K-350	14	9 7/8	Minn	36" T55	27	4433	1250	400	430 TAN (20) 3 1/2" 1/2"
SEC	K-350	14								

MUD RECORD			FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.	METHOD RUN	
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PART-L-P COM-D-C
0	7	9	3725	3732	D			70	10	1350	5/2	70	5/2	5	
0	7	9						50	20	1200	X	70	X		
9	2	2						50	15		14		14		
DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION				
RECORD			3725	6 1/2											
TIME LOG			ELAPSED TIME			DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
FROM	TO		FROM	TO											
12 ⁰⁰	2 ⁰⁰	2				TRY TO GET BIT #11 TO DRILL - TORQUEING BADLY									
2 ⁰⁰	4 ⁰⁰	2				SERVED - HOIST BIT #11									
4 ⁰⁰	4 ⁴⁵	3/4				MAKE CONNECTION TO RUN IN & THEN CHANGE TO 3-									
CHEMICALS ADDED			AMT.	TYPE	AMT.										
100#			445	6 ⁰⁰	1 1/4	RUN IN #13 BIT									
50#			6 ⁰⁰	6 ¹⁵	1/4	BREAK CORE									
			6 ¹⁵	7 ⁰⁰	1	TRY TO GET BIT TO DRILL									
			7 ⁰⁰	8 ⁰⁰	1/4	DRILL 5 1/4 HOLES									

MUD RECORD			FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.	METHOD RUN	
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PART-L-P COM-D-C
0	12	9	3732	3763	D			50	15	1200	X	70	X		
0	9.0	9						50	20	1250	X	70	X		
2	36	37									14		14		
DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION				
RECORD			3763	6 3/4											
TIME LOG			ELAPSED TIME			DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
FROM	TO		FROM	TO											
8 ⁰⁰	9 ⁰⁰	1				DRILL 5 1/4 HOLES									
9 ⁰⁰	9 ¹⁵	1/4				RUN IN #13 BIT									
9 ¹⁵	3 ⁰⁰	6 1/4				UNION 2 1/4 HOLES									
3 ³⁰	4 ⁰⁰	1/2				SERVED									
CHEMICALS ADDED			AMT.	TYPE	AMT.										
100 Gal	WCC														
80															

MUD RECORD			FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.	METHOD RUN	
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PART-L-P COM-D-C
0	5	11	3763	3825	D			50	20	1250	X	70	X		
0	10	9						50	20	1250	X	70	X		
37	33	3									14		14		
DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION				
RECORD			3825	10											
TIME LOG			ELAPSED TIME			DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
FROM	TO		FROM	TO											
6 ⁰⁰	6 ⁴⁵	1/2				UNION 5 1/4 HOLES									
6 ⁴⁵	7 ⁰⁰	1/4				SERVED									
7 ⁰⁰	7 ⁰⁰	1/4				UNION 2 1/4 HOLES									
CHEMICALS ADDED			AMT.	TYPE	AMT.										
100#			11 ⁰⁰	11 ⁴⁵	3/4	WORK BIT HOIST IN & SERVED									
50#			11 ⁴⁵	12 ⁰⁰	1/4	DRILL 5 1/4 HOLES									

1/22/64
L LAKE

WELL NO. 122 FIELD OR DIST. TAYLOR LAKE COUNTY 16 1/2 STATE MISSISSIPPI

PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSC. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									
N 500	4350	14		9 3/8	HARRIS	36" / 50	21	400 SS	1200	400'	200'
N 500	4350	14									

MUD RECORD			FOOTAGE		DR-D RM-R CORE-LC	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000'	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN
			FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
2 1/2	2														
1 1/2	4		3541	3645	D										
3 1/2	2														

DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1	110	303								

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS			
FROM	TO					
12:00	12:15	1/4	M.A. SERVO - 1000'			
12:15	1:00	1 1/2	PUMP L.I. CIRCLES - RUN IN 1000' BIT # 11			
1:00	2:00	1	BREAK CIRC - CEMENT 15' TO 1311'			

D & CHEMICALS ADDED		AMT.	TYPE	AMT.	REMARKS
		2 1/2			DRUG 3/4 HOLE
		6 3/4			DRUG 3/4 HOLE
		1 1/2			DRUG 3/4 HOLE

MUD RECORD			FOOTAGE		DR-D RM-R CORE-LC	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000'	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN
			FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
3 1/2	2 1/2	2													
9.0	9		3645	3704	D										
32	34	3													
3 1/2	3 1/2														

DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
11	12	3660								

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS			
FROM	TO					
18:00	18:15	1/4	L.I. SERVO - 1000'			
18:15	19:00	1	PUMP L.I. CIRCLES - RUN IN 1000' BIT # 11			
19:00	19:45	1/2	BREAK CIRC - CEMENT 15' TO 1311'			

D & CHEMICALS ADDED		AMT.	TYPE	AMT.	REMARKS
# 100		2 1/2			DRUG 3/4 HOLE
# 100		6 3/4			DRUG 3/4 HOLE
# 10		1 1/2			DRUG 3/4 HOLE

MUD RECORD			FOOTAGE		DR-D RM-R CORE-LC	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000'	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN
			FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
1 1/2	1 1/2														
9.0	9		3704	3763	D										
35	35		3763	3725	"										

DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2 1/2	2									

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS			
FROM	TO					
19:00	19:15	1/4	L.I. SERVO - 1000'			
19:15	20:00	1	PUMP L.I. CIRCLES - RUN IN 1000' BIT # 11			
20:00	20:45	1/2	BREAK CIRC - CEMENT 15' TO 1311'			

D & CHEMICALS ADDED		AMT.	TYPE	AMT.	REMARKS
		2 1/2			DRUG 3/4 HOLE
		6 3/4			DRUG 3/4 HOLE
		1 1/2			DRUG 3/4 HOLE

12/22/69

WELL NO. FIELD OR DIST. COUNTY STATE

PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO JOINTS	FEET	RKB TO CSC. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									
300	300	14									
300	300	14									

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000-F	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
400	7												
41		3461		3524									
33						30							
4													
2													
5	16	6											
DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			
TIME LOG		FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
CHEMICALS ADDED		AMT.	TYPE	AMT.									

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000-F	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
400	7												
41		3524		3524									
33													
4													
2													
5	16	6											
DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			
TIME LOG		FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
CHEMICALS ADDED		AMT.	TYPE	AMT.									

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000-F	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
400	7												
41		3524		3524									
33													
4													
2													
5	16	6											
DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			
TIME LOG		FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
CHEMICALS ADDED		AMT.	TYPE	AMT.									

OPERATOR *McDERMOTT* *C CO* LEASE *McDERMOTT NORTH L.P.*
TAYLOR LINK 4T K-15

WELL NO. *K-15* FIELD OR DISTRICT

CONTRACTOR *S & T DRILLING (WESTERN) CO. LTD.* RIG NO. *1E*

PIPE STRING NO. *2* SIZE *4* TOOL JOINT *S* O.D. TYPE THD. *3/2 IF*

PUMPS			
NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	<i>A. S. CO.</i>	<i>K-380</i>	<i>14</i>
2.	<i>A. S. CO.</i>	<i>K-380</i>	<i>14</i>
3.			

SIGNATURE OF OPERATOR'S REPRESENTATIVE *S. S. Patterson*

SIGNATURE OF CONTRACTOR'S TOOL PUSHER *B. Malaga*

TIME DISTRIBUTION—HOURS			
	MORN	DAY	EVE
RIG UPS & TEAR DOWN			
DRILLING ACTUAL	<i>7 1/2</i>	<i>7 1/4</i>	<i>7 1/4</i>
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIP			
LUBRICATE RIG	<i>1/4</i>		
DEVIATION SURVEY	<i>1/4</i>	<i>1/2</i>	<i>1/4</i>
TEST B.O.P.		<i>1/4</i>	
CUT OFF DRILLING LINE			
AIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK			
A. PERFORATING			
B. TUBING TRIPS			
C. WASHING			
D. TESTING			
E. ADDITIONAL			
TOTALS	<i>8</i>	<i>8</i>	<i>8</i>
TIME SUMMARY (OFFICE USE ONLY)			
DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			
WIRE LINE RECORD			
REEL NO.			
NO. OF LINES		SIZE	
FEET SHIPPED			
FEET CUT OFF			
PRESENT LENGTH			
NO. OF TRIPS SINCE LAST CUT			
CUMULATIVE TON. OF TRIPS			
NO. OF DAYS FROM SPUD			
CUMULATIVE ROTATING HRS.			

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE	
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	FROM	TO
26	STANDS D.P.	<i>2440.87</i>	9						
2	SINGLES D.P.	<i>62.87</i>		<i>5 3/4</i>					
	D.C.			<i>HW</i>					
	I.D.	O.D.							
24	D.C.	<i>6 1/4</i>		<i>X55R</i>					
	I.D.	<i>6 3/8</i>							
	D.C.	<i>720.00</i>							
	STB. BODY	O.D.							
5	STB. BODY	<i>22.38</i>							
	RMR. BODY	O.D.							
2	SUBS	<i>5.04</i>							
	BIT OR C.B.	FT.							
	KELLY DOWN	<i>26.84</i>							
	TOTAL	<i>3278.00</i>							
	WT. OF STRING	<i>92,000</i>	LBS.						

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE	
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	FROM	TO
27	STANDS D.P.	<i>2535.11</i>	9						
2	SINGLES D.P.	<i>62.65</i>		<i>5 3/4</i>					
	D.C.			<i>HW</i>					
	I.D.	O.D.							
24	D.C.	<i>6 1/4</i>		<i>X55R</i>					
	I.D.	<i>6 3/8</i>							
	D.C.	<i>720.00</i>							
	STB. BODY	O.D.							
5	STB. BODY	<i>22.37</i>							
	RMR. BODY	O.D.							
2	SUBS	<i>5.04</i>							
	BIT OR C.B.	FT.							
	KELLY DOWN	<i>12.87</i>							
	TOTAL	<i>3364.00</i>							
	WT. OF STRING	<i>92,000</i>	LBS.						

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE	
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	FROM	TO
28	STANDS D.P.	<i>2629.35</i>	9						
2	SINGLES D.P.	<i>63.66</i>		<i>5 3/4</i>					
	D.C.			<i>HW</i>					
	I.D.	O.D.							
24	D.C.	<i>6 1/4</i>		<i>X55R</i>					
	I.D.	<i>6 3/8</i>							
	D.C.	<i>720.00</i>							
	STB. BODY	O.D.							
5	STB. BODY	<i>22.38</i>							
	RMR. BODY	O.D.							
2	SUBS	<i>5.04</i>							
	BIT OR C.B.	FT.							
	KELLY DOWN	<i>21.84</i>							
	TOTAL	<i>3464.00</i>							
	WT. OF STRING	<i>92,000</i>	LBS.						

FEB 24 / 69

P
K-15

WELL NO. K-15 FIELD OR DIST. TAYLOR LAKE COUNTY YUKON TERR STATE CANADA

PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & CR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									
A.S.C.O.	K-380	14		9 7/8	MANN	36" J55	29	904.33	12.55	100.00	4.30 SAH Cent-5% Crk
A.S.C.O.	K-380	14									

MUD RECORD			FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SOL. S PART. L.P. COMD. C
0	40'	70'	FROM	TO							LINE SIZE	S.P.M.	LINE SIZE	S.P.M.	
0	9.0	7.0	3214	3275	D			50	20	1250	5 1/2	70	5 1/2		5
34	34	33						50	25	1250	5 1/2	70			

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1.0	10.5	10.5		3220	5 1/4				

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS			
FROM	TO					
12:00	12:15	1/4	RIG SERU			
12:15	2:00	1 3/4	DRAG 8 3/4 HOLE			
2:00	2:15	1/4	W L SURVEY @ 3220			
2:15	5:00	5 3/4	DRAG 8 3/4 HOLE			

HELD SAFETY MEETING @ Brownie Drink

MUD RECORD			FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SOL. S PART. L.P. COMD. C
0	40'	70'	FROM	TO							LINE SIZE	S.P.M.	LINE SIZE	S.P.M.	
0	9.0	9.0	3278	3364	D			50	25	1250	5 1/2	70	5 1/2		5
32	33	33						50	30	1250	X	70	X		

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
0.5	11.0	11.0		3285	5 1/4		3345	5	

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS			
FROM	TO					
8:00	9:30	1 1/2	DRILLING 3 3/4 HOLE.			
9:30	10:45	1 1/4	SURVEY TO 3285 + SERU A 5.			
9:45	10:00	1/4	CHECK ROPS.			
10:00	3:15	5 1/4	DRILL			
3:15	5:30	1 1/4	SURVEY			
5:30	11:00	1 1/2	DRILL			

CHECK FIRE EXTINGUISHERS (OK) USED 1 BAN & HELD SAFETY MEETING. FILL IN 24 HOURS.

MUD RECORD			FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SOL. S PART. L.P. COMD. C
0	40'	70'	FROM	TO							LINE SIZE	S.P.M.	LINE SIZE	S.P.M.	
0	80'	11:20	3364	3401	D			50	30	1250	5 1/2	70	5 1/2		5
34	34	34						50	20	1250	X	70	X		

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1.5	10.5	10.5		3440	6°				

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS			
FROM	TO					
11:00	12:00	6	DRILLING 3 3/4 HOLE			
12:00	12:15	1/4	W L SURVEY @ 3440			
12:15	12:30	1 3/4	DRAG 8 3/4 HOLE			

MUD RECORD			FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SOL. S PART. L.P. COMD. C
0	40'	70'	FROM	TO							LINE SIZE	S.P.M.	LINE SIZE	S.P.M.	
0	80'	11:20	3364	3401	D			50	30	1250	5 1/2	70	5 1/2		5
34	34	34						50	20	1250	X	70	X		

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2.5	10.5	10.5							

OPERATOR

M^o DERRIOTT C.C.C.

LEASE

M^o DERRIOTT A. ONT^H (Y^T) TADOC LAKE
YT K-15

WELL NO.

K-15

FIELD OR DIS

CONTRACTOR

S & T DRILLING (WESTERN) CO. LTD.

RIG NO.

1E

DRILL PIPE STRING

NO. 2 SIZE 4

TOOL JOINT

3 O.D.
TYPE THD. 3/2 IF

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	A S C O	K 380	14
2.	A S C O	K 380	14
3.			

SIGNATURE OF OPERATOR'S REPRESENTATIVE

[Signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER

[Signature]

TIME DISTRIBUTION-HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	3	5 1/2	6 1/4
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS	3 1/2	13 1/4	13 1/4
LUBRICATE RIG	1/4	1/4	
DEVIATION SURVEY	1/4	1/4	
TEST B.O.P.	1/4	1/4	
CUT-OFF DRILLING LINE	3/4		
PAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			

NO.	DRILLING ASSEMBLY AT END OF TOUR			BIT RECORD		MUD RECORD		FOOTAGE	
	STANDS D.P.	FT.		BIT NO.	TIME	WEIGHT	W.L.-C.C.	FLTR. CK.	PH
25	STANDS D.P.	2345.80	FT.	RR 47	8	2.5			
1	SINGLES D.P.	31.11	FT.	SIZE	5 3/4	3 3/4	7.0		
	D.C.			MFG.	SMITH	HL	3.4		
24	I.D.	720.00	FT.	TYPE	555	XL	2.5		
	D.C.			NOZZLE NO.	2 11	1-11			
	I.D.		FT.	SIZE	1-13	2-12			
5	STB. BODY	2238	FT.	SER. NO.	N 9221	DD604			
	STB. BODY		FT.	DEPTH OUT	3149				
	RMR. BODY		FT.	DEPTH IN	2882	3149			
2	SUBS	504	FT.	TOTAL FTG.	267	6			
	BIT OR C.B.		FT.	TOTAL HR. RUN	3 1/4	1/4			
	KELLY DOWN	30.67	FT.	COND. OF BIT	3-2-1	Roa			
	TOTAL	3156.05	FT.	REAMER NO.					
	WT. OF STRING	92000	LBS.	REAMER TYPE					

NO.	DRILLING ASSEMBLY AT END OF TOUR			BIT RECORD		MUD RECORD		FOOTAGE	
	STANDS D.P.	FT.		BIT NO.	TIME	WEIGHT	W.L.-C.C.	FLTR. CK.	PH
25	STANDS D.P.	2370.00	FT.	5	9	7.15	12.00		
2	SINGLES D.P.	22.69	FT.	SIZE	5 3/4	3 3/4	7.0		
	D.C.			MFG.	HL	HL	3.1		
24	I.D.	720.00	FT.	TYPE	XL	X55A	27.8	26.0	
	D.C.			NOZZLE NO.	1-11	1-11			
	I.D.		FT.	SIZE	2-12	2-12			
5	STB. BODY	2238	FT.	SER. NO.	11244	2632			
	STB. BODY		FT.	DEPTH OUT	3174				
	RMR. BODY		FT.	DEPTH IN	3149				
2	SUBS	5.04	FT.	TOTAL FTG.	25				
	BIT OR C.B.		FT.	TOTAL HR. RUN	5 3/4				
	KELLY DOWN	25.00	FT.	COND. OF BIT	7-2-1				
	TOTAL	3174.00	FT.	REAMER NO.					
	WT. OF STRING	12000	LBS.	REAMER TYPE					

NO.	DRILLING ASSEMBLY AT END OF TOUR			BIT RECORD		MUD RECORD		FOOTAGE	
	STANDS D.P.	FT.		BIT NO.	TIME	WEIGHT	W.L.-C.C.	FLTR. CK.	PH
26	STANDS D.P.	2440.87	FT.	9	6.45	5.00			
	SINGLES D.P.		FT.	SIZE	5 3/4	7.0	7.0		
	D.C.			MFG.	HL	3.2	5.3		
24	I.D.	720.00	FT.	TYPE	X55A	26.0	31.2		
	D.C.			NOZZLE NO.	1-11	1-11			
	I.D.		FT.	SIZE	2-12	2-12			
5	STB. BODY	2238	FT.	SER. NO.	2632				
	STB. BODY		FT.	DEPTH OUT	5174				
	RMR. BODY		FT.	DEPTH IN	5174				
2	SUBS	504	FT.	TOTAL FTG.	40				
	BIT OR C.B.		FT.	TOTAL HR. RUN	6 1/4				
	KELLY DOWN	25.71	FT.	COND. OF BIT	HL				
	TOTAL	3214.00	FT.	REAMER NO.					
	WT. OF STRING	92000	LBS.	REAMER TYPE					

TIME SUMMARY (OFFICE USE ONLY)			
DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTALS	8	7	8

NO.	DRILLING ASSEMBLY AT END OF TOUR			BIT RECORD		MUD RECORD		FOOTAGE	
	STANDS D.P.	FT.		BIT NO.	TIME	WEIGHT	W.L.-C.C.	FLTR. CK.	PH
26	STANDS D.P.	2440.87	FT.	9	6.45	5.00			
	SINGLES D.P.		FT.	SIZE	5 3/4	7.0	7.0		
	D.C.			MFG.	HL	3.2	5.3		
24	I.D.	720.00	FT.	TYPE	X55A	26.0	31.2		
	D.C.			NOZZLE NO.	1-11	1-11			
	I.D.		FT.	SIZE	2-12	2-12			
5	STB. BODY	2238	FT.	SER. NO.	2632				
	STB. BODY		FT.	DEPTH OUT	5174				
	RMR. BODY		FT.	DEPTH IN	5174				
2	SUBS	504	FT.	TOTAL FTG.	40				
	BIT OR C.B.		FT.	TOTAL HR. RUN	6 1/4				
	KELLY DOWN	25.71	FT.	COND. OF BIT	HL				
	TOTAL	3214.00	FT.	REAMER NO.					
	WT. OF STRING	92000	LBS.	REAMER TYPE					

WIRE LINE RECORD	
REEL NO.	
NO. OF LINES	SIZE
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

2-B23/69
 PR LAKE

WELL NO. K15	FIELD OR DIST. TAYLOR LAKE	COUNTY YUMON TERR	STATE CALIFORNIA							
PUMPS			SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	PKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER N.SCO	TYPE K-380	STROKE LENGTH 14	9 3/8	MAHA	21.55	29	904.33	12.55	400.00	1/30 Spd Cut 37.672
N.SCO	K-380	14								

MUD RECORD			FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN
5			FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PART-L-P COMD-C
9.0			3134	3155		D		50	20	1250	5 1/2	70	5 1/2		5
3.4	T														
2.5															
4.3	R														
0.5															
DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	
			3125												
TIME LOG			FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
			12:00	12:00	1/4	RIG SERVICE									
			12:05	12:05	1/4	W.L. SURVEY @ 3134									
			12:30	3:10	2 3/4	DRAG 3 3/4 HOLE									
AMT. TYPE AMT.			3:15	5:00	1 3/4	BLOW KELLY - HOIST FOR BIT									
			5:00	5:15	1/4	W. 3 C.P.S. - CHANGE BITS									
			5:15	6:00	3/4	SPIN 23' 7 C.T. 64' DRAG LINE - PUT NEW MUD ON HOOK									
			6:00	7:45	1 3/4	RUN IN W/BIT - BREAK CORE - CLEAN 10' TO BTP									
			7:45	8:00	1/4	DRAG									

MUD RECORD			FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN
7.15	12.00		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PART-L-P COMD-C
7.0	9.0	7	3155	3174		D		60	15	1250	5 1/2	70	5 1/2		5
5.1	5.2	3													
7.8	26.6														
3.2	2.3	1													
11.5	11.5														
DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	
			3174												
TIME LOG			FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
			8:00	10:00	2	DRILLING 3 3/4 HOLE									
			11:00	11:15	1/4	SEAL AIR - DOWN SWIVEL * 2 BOP'S * HELIX SCOR.									
			11:15	1:45	5 1/2	DRAG									
AMT. TYPE AMT.			1:45	2:00	1/4	SURVEY									
			2:00	3:45	1 3/4	HOIST FOR BIT - DOWN KELLY									
			3:45	11:00	1/4	W. 3 C.P.S. - CHANGE BITS									
			11:00	5:45	1 3/4	RUN IN W/BIT - BREAK CORE									

MUD RECORD			FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN
7.15	8:00	11:00	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PART-L-P COMD-C
7.0	7.0	9.0	3174	3214		D		40	10	1250	5 1/2	70	5 1/2		5
3.2	3.3	3.4						65	15	1250					
3.6		3.7						50	20	1250	1 1/4				
DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	
TIME LOG			FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
			11:00	5:45	1 3/4	RUN IN W/BIT - BREAK CORE									
			5:45	12:00	6 1/4	DRILLING 3 3/4 HOLE									
AMT. TYPE AMT.															
			5.0												
			1.5												
			5.0												

EB22/69
OR LAKE

WELL NO. **K.15** FIELD OR DIST. **TAYLOR LAKE** COUNTY **YUKON TERR** STATE **CANADA**

PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSC. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									
ISCO	K-380	14		9 5/8	MANN	35# J55	29	904.33	1255	900.00	1/30 50x (P.11) - 3/16 C.22
ISCO	K-380	14									

MUD RECORD	FOOTAGE	DR. D R.M. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL. S PAR. EL. P COM. D.C
								LINEAR SIZE	S.P.M.	LINEAR SIZE	S.P.M.	
	7 ⁰⁰											
	9 ⁰⁰		D		50	15	1250	5 1/2	70	5 1/2		5
	34											
	22 4											
	2/32											
	16 6											

TIME LOG				ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO	DEPTH	DEV. DIRECTION		
12 ⁰⁰	1 ⁰⁰			1	FINISH OUT W/DST #2
1 ⁰⁰	2 ⁴⁵			1 3/4	BREAK DOWN & PUT AWAY TESTING TOOLS
2 ⁴⁵	3 ⁰⁰			1/4	RIG SERVICE
3 ⁰⁰	4 ⁴⁵			1 3/4	PICK UP CIRCLE C - CHANGE RUBBER CR STAB. - RUN IN W/BIT
4 ⁴⁵	5 ¹⁵			1/2	THAW OUT KELLY HOSE - BREAK CIRC. - CLEAN 10' TO BTM.
5 ¹⁵	5 ⁰⁰			2 3/4	DRAG 5 3/4 HOLE

MUD RECORD	FOOTAGE	DR. D R.M. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL. S PAR. EL. P COM. D.C
								LINEAR SIZE	S.P.M.	LINEAR SIZE	S.P.M.	
30	1250	3.00										
20	9.1	9.1			50	15	1250	5 1/2	70	5 1/2		5
53	52	54										
24	2212	2228										
32	332	332										
1.5	10.0	10.2										

TIME LOG				ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO	DEPTH	DEV. DIRECTION		
8.00	9.45			1 5/8	DRILLING 2 3/4 HOLE.
9.45	10.00			1/4	SERV RIG SWIVEL CROWN & ASSEMBLY C.C.A.
10.30	11.15			1/4	CHECK BIT'S
11.15	5.15			5	DRAG
5.15	5.15			1/2	SLIP
5.45	11.00			1/4	DRAG

MUD RECORD	FOOTAGE	DR. D R.M. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL. S PAR. EL. P COM. D.C
								LINEAR SIZE	S.P.M.	LINEAR SIZE	S.P.M.	
30	6.00	10.00										
9.1	9.0	9.0			50	15	1250	5 1/2	70	5 1/2		5
35	33	35			50	20	1250	5 1/2	70			5
4.6	24.9	25.0										
52	342	432										
1.5	10.5	10.5										

TIME LOG				ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO	DEPTH	DEV. DIRECTION		
11.00	11.15			1/4	DRAG RIG.
11.15	12.00			7 3/4	DRAG

AMT. TYPE AMT.

DAILY DRILLING REPORT

REPORT NO. 17

DATE FEB 21/69

OPERATOR <i>McDERMOTT G.C.O.</i>		LEASE <i>177° DERMOTT NORTH UP TAYLOR LAKE YT R 15</i>		WELL NO. <i>K 15</i>	FIELD OR DIST.
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CONTRACTOR <i>S & T DRILLING (WESTERN) CO. LTD.</i>		RIG NO. <i>1E</i>	DRILL PIPE STRING NO. <i>2</i> SIZE <i>4</i>	TOOL JOINT <i>5</i> O.D. TYPE THD. <i>3/2 JF</i>	PUMPS		
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SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>[Signature]</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>[Signature]</i>		NO.	MANUFACTURER	TYPE	STROKE LENGTH
				1.	<i>N.S.C.O.</i>	<i>K-38C</i>	<i>14</i>
				2.	<i>N.S.C.O.</i>	<i>K-38C</i>	<i>14</i>
				3.			

TIME DISTRIBUTION-HOURS				NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD		MUD RECORD				FOOTAGE			
MORN	DAY	EVE				BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FLTR. CK.	PH	SD. CONT. %	FROM
				23	STANDS D.P. <i>2157.27</i> FT.	7		<i>12"</i>	<i>3"</i>	<i>7"</i>					
RIG UP & TEAR DOWN				1	SINGLES D.P. <i>30.57</i> FT.	<i>8 3/4</i>		<i>8.0</i>	<i>9.0</i>	<i>9.0</i>				<i>290.3</i>	<i>29</i>
DRILLING ACTUAL	<i>7 1/2</i>	<i>5</i>		24	D.C. <i>6 3/4</i> I.D. <i>6 1/4</i> O.D. <i>720.00</i> FT.	<i>SMITH</i>		<i>33</i>	<i>33</i>	<i>32</i>					
REAMING					D.C.										
CONDITIONING MUD & CIRCULATING		<i>1</i>			I.D. O.D. FT.										
TRIPS		<i>1 1/4</i>	<i>3 1/4</i>	5	STB. BODY O.D. <i>22.38</i> FT.										
LUBRICATE RIG	<i>1/4</i>	<i>1/4</i>			STB. BODY O.D. FT.										
DEVIATION SURVEY	<i>1/4</i>	<i>1/4</i>			RMR. BODY O.D. FT.										
TEST S.O.P.		<i>1/4</i>		2	SUBS O.D. <i>5.04</i> FT.										
CUT OFF DRILLING LINE					BIT OR C.B. FT.										
PAIR RIG					KELLY DOWN <i>14.44</i> FT.										
CORING					TOTAL <i>2950.00</i> FT.										
WIRE LINE LOGGING					WT. OF STRING <i>92 000</i> LBS.										
RUNNING CASING & CEMENTING															
WAITING ON CEMENT															
DRILL STEM TEST			<i>2 1/4</i>												
OTHER			<i>2</i>												
FISHING															

COMPLETION WORK	TIME DISTRIBUTION-HOURS				NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD		MUD RECORD				FOOTAGE			
	MORN	DAY	EVE				BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FLTR. CK.	PH	SD. CONT. %	FROM
A. PERFORATING					23	STANDS D.P. <i>2156.74</i> FT.	7		<i>8.30</i>	<i>11.30</i>	<i>2.30</i>					
B. TUBING TRIPS					2	SINGLES D.P. <i>62.74</i> FT.	<i>8 3/4</i>		<i>9.0</i>	<i>9.0</i>	<i>9.0</i>				<i>2950</i>	<i>5</i>
C. SWABBING					24	D.C. <i>6 3/4</i> I.D. <i>6 1/4</i> O.D. <i>720.00</i> FT.	<i>SMITH</i>		<i>32</i>	<i>31</i>	<i>33</i>					
D. TESTING						D.C.										
E. ADDITIONAL						I.D. O.D. FT.										
TOTALS	<i>8</i>	<i>8</i>	<i>8</i>		5	STB. BODY O.D. <i>22.38</i> FT.										
						STB. BODY O.D. FT.										
					2	RMR. BODY O.D. FT.										
						SUBS O.D. <i>5.04</i> FT.										
						BIT OR C.B. FT.										
						KELLY DOWN <i>36.11</i> FT.										
						TOTAL <i>3003.00</i> FT.										
						WT. OF STRING <i>72,000</i> LBS.										

COMPLETION WORK	TIME DISTRIBUTION-HOURS				NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD		MUD RECORD				FOOTAGE		
	MORN	DAY	EVE				BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FLTR. CK.	PH	SD. CONT. %
A. PERFORATING						STANDS D.P. FT.									
B. TUBING TRIPS						SINGLES D.P. FT.									
C. SWABBING						D.C. FT.									
D. TESTING						I.D. O.D. FT.									
E. ADDITIONAL						D.C. FT.									
TOTALS						STB. BODY O.D. FT.									
						STB. BODY O.D. FT.									
						RMR. BODY O.D. FT.									
						SUBS O.D. FT.									
						BIT OR C.B. FT.									
						KELLY DOWN FT.									
						TOTAL FT.									
						WT. OF STRING LBS.									

WIRE LINE RECORD		REEL NO.		NO. OF LINES		SIZE		FEET SLIPPED		FEET CUT OFF		PRESENT LENGTH		TON MI. OR TRIPS SINCE LAST CUT		CUMULATIVE TON MI. OR TRIPS		NO. OF DAYS FROM SPUD		CUMULATIVE ROTATING HRS.	
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2321/69

LAKE

WELL NO. K15	FIELD OR DIST. TAYLOR LAKE	COUNTY YUKON TERR	STATE CANADA
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PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RYB. TO CSC. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									
NISCO	K-380	14		9 5/8	MANN	36 J55	29	92433	1255	10000	430 5/2 x 27 3/4 C&L
NISCO	K-380	14									

MUD RECORD			FOOTAGE		DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-L-P COM-D-C
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
3.00	3.00	7.00	2903	2950	D						5/2	70	5/2	70	5
7.00	9.00	9.00					50	10	1250		5/2		5/2		5
9.00	33	32					50	10	1200		5/2	70			5

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	2940	5°							

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
12.00	12.15	1/4		RIG SERVICE
12.15	7.15	7		DRAG 5 3/4 HOLE
7.15	7.30	1/4		W/L SURVEY @ 2940
7.30	8.00	1/2		DRAG 3 3/4 HOLE

AMT.	TYPE	AMT.

Amstrong
 Put new 5 1/2" HEAD & LINER in #1 Pump
 Put new gland packing in #2 Pump

MUD RECORD			FOOTAGE		DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-L-P COM-D-C
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
3.00	11.30	2.00	2950	3003	D						5/2	70	5/2	70	5
9.00	9.00	9.00					50	10	1250		5/2		5/2		5
9.00	31	33									x		x		
31.8	22.8										14		14		

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	3003	5°							

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
8.00	11.00	5		DRILLING 3 3/4 HOLE
11.00	11.15	1/4		SERV RIG SWIVEL-CROWN & WELLY COCK.
11.15	11.30	1/4		CHECK BOPS

AMT.	TYPE	AMT.
2	Diamond #22	
1.75	Yokelzin #50	
1.25		

MUD RECORD			FOOTAGE		DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-L-P COM-D-C
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	

DST #2, 2824-2003, 101-3000 VIC. - 2000 ft. - 2000 ft.
 Air blow only - removed 330 water mud and 1290 muddy gassy fresh water.

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
11.00	5.00	1		FINISH CUTTING CIRCLED - BREAK DISC FOR TAIL PIPE (H.D.S.)
5.00	7.00	2		MAKE UP BACKER

AMT.	TYPE	AMT.
7.00	8.50	1 1/2
5.20	11.15	2 3/4
11.00	12.00	3/4

House DST #2

DAILY DRILLING REPORT

REPORT NO. 16

DATE FEB 20/69

OPERATOR McDERMOTT CO		LEASE McDERMOTT NORTH UP TAYLOR LAKE YT K15		WELL NO. A 15	FIELD OR DIS.
CONTRACTOR S & T DRILLING (WESTERN) CO. LTD.		RIG NO. 1E	DRILL PIPE STRING NO. 2 SIZE 4	TOOL JOINT 5 O.D.	PUMPS
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>[Signature]</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>[Signature]</i>		NO. 1	MANUFACTURER N.S.C.C. TYPE K-38C STROKE LENGTH 14
				NO. 2	MANUFACTURER N.S.C.C. TYPE K-38C STROKE LENGTH 14
				NO. 3	

TIME DISTRIBUTION - HOURS			
	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	5	2 1/4	4 1/4
REAMING			1/4
CONDITIONING MUD & CIRCULATING			
TRIPS	2 1/4		3
LUBRICATE RIG	1/4	1/4	
DEVIATION SURVEY		1/2	1/4
TEST B.O.P.		1/4	1/4
CUT-OFF SLIP DRILLING LINE		1/4	
HOIST RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK			
A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TIME SUMMARY - (OFFICE USE ONLY)			
DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE			
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FLTR. CK.	PH	FROM	TO
21	STANDS D.P.	1973.76	6	8 3/4	5:00	9.0	35	22.0	3/32	11.0		
2	SINGLES D.P.	61.44				9.0	34				2194	2
24	D.C. 2 1/8 I.D. 6 3/4 O.D.	720.00										
	D.C.											
	I.D. O.D.	FT.	NOZZLE	NO. 2-10								
5	STB. BODY O.D.	22.38	SIZE	1-15								
	STB. BODY O.D.	FT.	SER. NO.	AH038								
	RMR. BODY O.D.	FT.	DEPTH OUT								12:00	12
	SUBS O.D.	5.04	DEPTH IN	2794							12:30	12
2	BIT OR C.B.	FT.	TOTAL FTG.	25							12:45	1:00
		FT.	TOTAL HR. RUN	5							1:00	3:00
	KELLY DOWN	36.38	COND. OF BIT	Run							3:00	8:00
	TOTAL	2819.00	REAMER NO.									
	WT. OF STRING	90,000	REAMER TYPE									
		LBS.	DRILLER	B. Armstrong								

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE			
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FLTR. CK.	PH	FROM	TO
22	STANDS D.P.	2076.84	6	8 3/4	8:30	9.0	33	23.8	3/32	10.5		
7	SINGLES D.P.	28.70			12:00	9.0	33	23.8	3/32	10.5	28:19	2
24	D.C. 2 1/8 I.D. 6 3/4 O.D.	720.00										
	D.C.											
	I.D. O.D.	FT.	NOZZLE	NO. 2-10								
5	STB. BODY O.D.	22.38	SIZE	1-15								
	STB. BODY O.D.	FT.	SER. NO.	AH038								
	RMR. BODY O.D.	FT.	DEPTH OUT	111							8:00	5:00
	SUBS O.D.	5.04	DEPTH IN	2794							5:00	1:00
2	BIT OR C.B.	FT.	TOTAL FTG.	74							1:45	2:15
		FT.	TOTAL HR. RUN	12 1/4							2:15	4:00
	KELLY DOWN	25.08	COND. OF BIT	Run								
	TOTAL	2868.00	REAMER NO.									
	WT. OF STRING	90,000	REAMER TYPE									
		LBS.	DRILLER	A. [Signature]								

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE			
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FLTR. CK.	PH	FROM	TO
22	STANDS D.P.	2076.84	6	8 3/4	5:00	9.0	35	22.0	3/32	11.0		
2	SINGLES D.P.	59.05				9.0	35	22.0	3/32	11.0	2868	2
24	D.C. 2 1/8 I.D. 6 3/4 O.D.	720.00										
	D.C.											
	I.D. O.D.	FT.	NOZZLE	NO. 2-10 2-11								
5	STB. BODY O.D.	22.38	SIZE	1-15 1-13								
	STB. BODY O.D.	FT.	SER. NO.	AH038 N9221								
	RMR. BODY O.D.	FT.	DEPTH OUT	2882							4:00	5:00
	SUBS O.D.	5.04	DEPTH IN	2794 2882							5:00	9:45
2	BIT OR C.B.	FT.	TOTAL FTG.	88 21							9:45	10:00
		FT.	TOTAL HR. RUN	14 1/2 2							10:00	12:00
	KELLY DOWN	29.73	COND. OF BIT	7-2-1 Run								
	TOTAL	2903.00	REAMER NO.									
	WT. OF STRING	90,000	REAMER TYPE									
		LBS.	DRILLER	A. [Signature]								

WIRE LINE RECORD	
REEL NO.	SIZE
NO. OF LINES	
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

B20/69

WELL NO. K-15 FIELD OR DIST. TAYLOR LAKE COUNTY YUKON TERR STATE CANADA

PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									
CC	K-380	14		9 5/8	MANN	36# J55	29	904.33	12.55	400.00	430 STARCEM 3 1/2 CAK
SCC	K-380	14									

TIME	FOOTAGE		DR. D RM. R CORE...C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000'	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PART-E-P COM-D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
00	7.00												
0	9.0	2194	2819	D		65	10	1300	5 1/2	70	5 1/2		5
5	34												

TIME	DEPTH		DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	FROM	TO								
0	11.0									

TIME	FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS							
				12.00	12.15	1/4	FINISH CUT W/BIT #5				
12.15	12.30	1/4	W BCPs - CHANGE BITS								
12.30	12.45	1/4	RIG SERU								
12.45	1.00	1/4	SLIP 23' DRAG LINE								
1.00	3.00	2	Run In w/BIT #6 - W DRILL COLLARS - BREAK CIRC								
3.00	8.00	5	DRAG 8 3/4 HOLE								

TIME	FOOTAGE		DR. D RM. R CORE...C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000'	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PART-E-P COM-D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
00	12.00	3.30											
0	9.0	2819	2868	D	FUEL 5 1/2"	65	10	1300	5 1/2	70	5 1/2		5
3	33	33				60	10	1200	X	X	70		
3.8	23.8	23.8			HOLDING BACK ON WT.	55	15	1200	1 1/2	1 1/2	70		

TIME	DEPTH		DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	FROM	TO								
0	10.5	11.5			28.45	5 1/8				

TIME	FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS							
				8.00	8.15	1/4	SERU RIG SWIVEL CROWN W/ FEELS COCK	WELDED BLOWOUT DRUGS			
8.15	1.45	5 1/2	DRILLING 8 3/4 HOLE.								
1.45	2.15	1/2	W/L. SURVES (A) 28.45								
2.15	4.00	1 3/4	DRUGS.								

WELL ROD - LINER OUT OF #1 PUMP CHANGE RIG: SPHL W/ 1 LINE

TIME	FOOTAGE		DR. D RM. R CORE...C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000'	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PART-E-P COM-D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
00	11.00												
0	9.0	2868	2903	D		50	15	1200	5 1/2	5 1/2	70		5
1	33					50	10	1250	X	X	70		5

TIME	DEPTH		DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	FROM	TO								
0	9.32	10.0			28.72	5 1/2				

TIME	FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS							
				4.00	6.15	2 1/4	DRILLING 8 3/4 HOLE				
6.15	6.30	1/4	CURL + DROP SURVES								
6.30	3.00	1 1/2	BLOW WELLS + HOIST FOR BIT.								
5.00	5.15	1/4	W BCPs - CHANGE BITS								
5.15	9.43	1 1/2	Run In w/BIT #7 - W DCs								
9.43	10.00	1/4	BREAK CIRC - CLEAN 5' TO BOTTOM								
10.00	12.00	2	DRAG 8 3/4 HOLE								

B 19/69

WELL NO. K 12	FIELD OR DIST. TAYLOR LAKE	COUNTY YUKON TERR	STATE CANADA							
PUMPS			SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB TO CSG. MD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH	9 5/8	MANN	36" J55	29	904.33	12.55	9000	430 5/8 x 2m - 3/4 (1/2)
CCO	K 380	14								
CCO	K 380	14								

MUD RECORD			FOOTAGE		DR. D RM-R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 FT	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL. S PAR. E-L-P COM. D-C	
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.		
0	3.00	7.00														
8	8.8	8.7	2545	2648	D	HOLDING BACK ON WT.	50	30	1000	5 1/2	70	5 1/2			5	
5	35	34				WT FOR DEVIATION	50	20	1000	5 1/2	70				5	
10							50	15	1000	5 1/2	70				5	
DEVIATION RECORD			DEPTH		DEV.	DIRECTION	DEPTH		DEV.	DIRECTION	DEPTH		DEV.	DIRECTION		
32			2570		4°		2630		4 1/8							
5	10.5	11.5														
TIME LOG			ELAPSED TIME		DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS											
FROM	TO															
12.00	12.5		1/4		RIG SERVICE											
12.5	1.45		1 1/2		DRAG 8 3/4 HOLE											
1.45	2.00		1/4		W.L. SURVEY @ 2570											
2.00	6.45		4 3/4		DRAG 8 3/4 HOLE											
6.45	7.00		1/4		W.L. SURVEY @ 2630											
7.00	8.00		1		DRAG 8 3/4 HOLE											
CLEANED SAND TRAP																

MUD RECORD			FOOTAGE		DR. D RM-R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 FT	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL. S PAR. E-L-P COM. D-C	
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.		
30	12.00	3.00														
9	8.9	8.7	2648	2731	D		50	15	1000	5 1/2	70	5 1/2			5	
1	35	34					50	20	1100	X	70	X				
2	2.4	2.44	HOLDING BACK ON WT. FOR DEVIATION													
32	3.82	3.32	DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION		
5	10.0	11.0	2690		H 1/4											
TIME LOG			ELAPSED TIME		DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS											
FROM	TO															
8.00	9.30		1 1/2		DRILLING 8 3/4 HOLE.											
9.30	9.45		1/4		SERV RIG - SWIVEL CROWN & VALVES COCK.											
9.45	1.15		3 1/2		DRAG.											
1.15	1.30		1/4		W.L. SURVEY											
1.30	4.00		2 1/2		DRAG.											

MUD RECORD			FOOTAGE		DR. D RM-R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 FT	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL. S PAR. E-L-P COM. D-C	
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.		
30	8.00															
9	9.0		2731	2744	D		50	20	1100	5 1/2	70	5 1/2			5	
12	37										X		X			
32			DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION		
10	11.0		2744		5°											
TIME LOG			ELAPSED TIME		DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS											
FROM	TO															
4.00	6.15		2 1/4		DRAG. 8 3/4 HOLE.											
6.15	6.30		1/4		SERV RIG.											
6.30	9.30		3 1/2		DRAG.											
9.30	12.00		2 1/2		HOIST FOR BIT - SURVEY - REAM TIGHT HOLE @ 2350											

EB18/69

OR LAKE

WELL NO. K17	FIELD OR DIST. TAYLOR LAKE	COUNTY YUKON TERR	STATE CANADA
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PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									
JSCO	K-380	14		9 5/8	MANN	36 1/2	29	904.33	12 55	900.00	430 5/8 (2) 5/8 CA
JSCO	K-380	14									

MUD RECORD	FOOTAGE		DR. D RM. R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 ?	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR-EL-P COM-D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
	2418												
	DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			
	TIME LOG	FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
		12:00	1:15	1 1/4	FINISH CUT w/ DST #1								
		1:15	3:00	1 3/4	BREAK DOWN 9' PUT HARD PACKER								
		3:00	3:15	1/4	SLIP 23' DRAG LINE								
		3:15	6:15	3	PICK UP CIRCULE C. & RUN IN DO'S - PICK UP 28 DO'S - CHISEL MARK								
		6:15	7:15	1	BREAKS								
		7:15	8:00	3/4	LOST CHISEL DOWN HOLE - PLAN TO PICK UP MAGNET								
					RUN IN w/ MAGNET								

MUD RECORD	FOOTAGE		DR. D RM. R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 ?	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR-EL-P COM-D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
3.50 8.8 30 35 2:32 11:5	2418	2432		D		80	50	1000	5 1/2	70	5 1/2	5	
	DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			
	TIME LOG	FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
		8:40	8:45	3/4	FINISH IN w/ MAGNET, 1.45								
		8:45	9:00	1/4	BREAK CIRC 2.45 REV IN w/ BIT.								
		9:00	9:50	1/2	CIRCULATE + WORK MAGNET, 2.45 30' BREAK CIRC								
		9:50	11:50	1	LOST w/ MAGNET w/ CHISEL IN MAGNET								
		11:50	12:45	1/4	SERV RIG SHIMMEL + CROW + 4 REELS CROW								
		12:45	11:00	1/4	CHECK BOFS 3:00 HOO DRAG 5' HOLE								
		11:00	12:00	1	RUN IN w/ MAGNET FOR OTHER 3/4 OF CHISEL								
		12:00	12:45	3/4	CLEAN TO BOTTOM IS WORK MAGNET								

MUD RECORD	FOOTAGE		DR. D RM. R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 ?	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR-EL-P COM-D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
1:30 2:9 30 350	2432	2545		D		50	50	1100	5 1/2	70	5 1/2	5	
	DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			
	TIME LOG	FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
		11:00	5:50	1/2	DRILL TO 50' HOLE.								
		5:50	5:55	1/4	SERV RIG.								
		5:55	12:00	6 1/4	DRAG.								
	AMT.	TYPE	AMT.										
	100	CARBIDE	25										
	30	CARBIDE	50										
	10												

FEB 17/69
LAKE

WELL NO. **K 15** FIELD OR DIST. **TAYLOR LAKE** COUNTY **YUKON TERR** STATE **CANADA**

PUMPS			SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH	9 5/8	MANN	36" J55	29	904 33	12.50	900.00	430 50Y Cem. 3% CAL
NSCO	K-380	14								
NSCO	K-380	14								

MUD RECORD			FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000'	PUMP PRESS	PUMP NO. 1		PUMP NO.		METHOD RUN
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PAR-EL-P COM'D-C
2 ⁰⁰	3 ⁰⁰	7 ⁰⁰													
8.8	8.8	8.1	2283	2358	D			46	25	1400	5 1/2	70	5 1/2		5
32	33	32									X		X		
											14		14		

DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
10.5	10.5	10.5	2300	3°							

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
12 ⁰⁰	12 ¹⁵		1/4	RIG SERVICE
12 ¹⁵	2 ¹⁵		2	DRLG 8 3/4 HOLE
2 ¹⁵	2 ³⁰		1/4	W.L SURVEY @ 2300
2 ³⁰	8 ⁰⁰		5 1/2	DRLG 8 3/4 HOLE

MUD & CHEMICALS ADDED		
AMT.	TYPE	AMT.

CHANGED HEAD & LINER IN #1 PUMP
HELD SAFETY MEETING

MUD RECORD			FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000'	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PAR-EL-P COM'D-C
9.00	11.00	3 ⁰⁰													
8.9	8.9	8.9	2358	2418	D			45	30	700	5 1/2	110	5 1/2		5
30	30	32						45	30	1600	X	60	X		5
								45	30	1400	14	70	14		5

DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
10.5	10.5	10.5	2390	3°							

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
8.00	9.00		1	DRILLING 8 3/4 HOLE.
9.00	9.30		1/2	SCRW RIG TAG UNPLUG SETS
9.30	12.30		3	DRLG

MUD & CHEMICALS ADDED		
AMT.	TYPE	AMT.
2.50	Caastic #25	
1.00	#10	

Measured pipe - 2417.56
Pipe Tally - 2415.00
No Correction for - .74 diff

MUD RECORD			FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000'	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PAR-EL-P COM'D-C
			2418												
							D.S.T. No. 1 2395-2418								
							151-35mm 15-60mm FSA-65mm								
							Rec. 100' water mud & hot muddy gas / fresh water								

DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
4.00	5.30		1 1/2	HOIST TO TEST. BREAK CIRC DOWN + LAY
5.30	7 ⁰⁰		1 1/2	PICK UP TESTING TOOL - OFF LEASE + TAKE TO FLOOR WARM UP + MAKE UP

MUD & CHEMICALS ADDED		
AMT.	TYPE	AMT.

DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
7 ⁰⁰	9 ¹⁵		2 1/4	MAKE UP PACKER - Run in w/ DST #1 - HEAD UP STAND
9 ¹⁵	11 ⁴⁵		2 1/2	TESTING - DST #1
11 ⁴⁵	12 ⁰⁰		1/4	Pull PACKER LOOSE - Hoist DST #1

B. Armstrong

316/69

LAKE

WELL NO. K-15	FIELD OR DIST. TAYLOR LAKE	COUNTY YUKON TERR	STATE CANADA
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PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									
SEO	K-380	14		9 5/8	MANN	36 555	29	904 33	1255	900.00	430 JAX Cem-3/8 CAL
SEO	K-380	14									

D RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM-D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
0	8.00	6.00											
3	8.8	8.7		D		80	25	1100	5 1/2		5 1/2	70	5
	33	33				50	25	1400	X	70	X		5
									14		14		

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
0	11.0	11.0		1968	3°		2032	3°	
							2095	3°	

TIME LOG	FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS			
	12.00	12.15	1/4	RIG SERV.			6 1/2 - 8 00 - 1 1/4 - DRAG 8 3/4 HOLE
	12.15	12.30	1/4	W.L SURVEY @ 1968			
	12.30	2.00	1 1/2	DRAG 8 3/4 HOLE			
	2.00	2.15	1/4	W.L SURVEY @ 2032			
	2.15	4.00	1 3/4	DRAG 8 3/4 HOLE			
	4.00	4.15	1/4	W.L SURVEY @ 2095			✓ FIRE EXTING. - 5-OK.
	4.15	6.30	2 1/4	DRAG 8 3/4 HOLE			CHANGED HEAD IN #1 PUMP
	6.30	6.45	1/4	W.L SURVEY @ 2150-3°			

D RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM-D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
15	10.00	1.00											
9	9.0	8.7		D	CLEAN #2 MUD TANK	80	25	1100	5 1/2	70	5 1/2		5
3	31	31				80	15	1400	X	70	X		
									14		14		

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
0	10.5	10.5		2212	3 1/2		2245	3 1/2	

TIME LOG	FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS			
	8.00	8.15	1/4	SERV RIG SWIVEL CROWN + V KELLY COCK.			
	8.15	10.00	1 3/4	DRILLING 8 3/4 HOLE			
	10.00	10.15	1/4	W.L SURVEY			
	10.15	2.00	3 3/4	DRAG. @ 2212			
	2.00	2.15	1/4	W.L SURVEY			
	2.15	4.00	1 3/4	DRAG.			

D RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM-D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
00		11.00											
8	8.8	8.8		D		46	25	1400	5 1/2	70	5 1/2		5
1	32	32							X		X		
									14		14		

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
0.5	10.5								

TIME LOG	FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS			
	4.00	4.15	1/4	SERV RIG			
	4.15	5.45	1 1/2	BLW HEAD + HOIST FOR BIT.			
	5.45	6.45	1	CHANGE 2 VALVES ON BOPS.			
	6.45	7.00	1/4	MAKE UP BIT + V BOPS.			
	7.00	8.15	1 1/4	RUN IN P.C + P.K. UP H 12.5.			
	8.15	9.30	1 1/4	RUN IN W/BIT #4 - BREATH CIRC.			
	9.30	12.00	2 1/2	DRAG 8 3/4 HOLE			

FEB 16/69
OR LAKE

WELL NO. **K 15** FIELD OR DIST. **TAYLOR LAKE** COUNTY **YUKON TERR** STATE **CANADA**

PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									
USEO	K-380	14		9 5/8	MANN	36 5/55	29	904.33	1255	900.00	430 SAX CEM - 3 1/2 CAL
USEO	K-380	14									

MUD RECORD			FOOTAGE		DR. O RM. R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM'D-S
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
0.00	3.00	6.00	1968	2189	D		80	25	1100	5 1/2	70	5 1/2	70	5	
3.8	8.8	8.9					30	25	1400	X	70	X		5	
33	33	33								14		14			

DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION				
10	11.0	11.0	1968	3°				2032	3°			2095	3°	

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS	
FROM	TO				
12.00	12.15	1/4		RIG SERV.	6 45-500 - 1 1/4 - DRAG 8 3/4 HOLE
12.15	12.30	1/4		W.L. SURVEY @ 1968	
12.30	2.00	1 1/2		DRAG 8 3/4 HOLE	
2.00	2.15	1/4		W.L. SURVEY @ 2032	
2.15	4.00	1 3/4		DRAG 8 3/4 HOLE	
4.00	4.15	1/4		W.L. SURVEY @ 2095	✓ FIRE EXTING. - 5-OK.
4.15	6.30	2 1/4		DRAG 8 3/4 HOLE	CHANGED HEAD IN #1 PUMP
6.30	6.45	1/4		W.L. SURVEY @ 2150-3°	

MUD RECORD			FOOTAGE		DR. D RM. R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM'D-S
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
7.15	10.00	1.00	2189	2263	D	CLEAN #2 MUD TANK	80	25	1400	5 1/2	70	5 1/2	70	5	
7.9	9.0	8.7					80	15	1400	X	70	X			
33	31	31								14		14			

DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
11.0	10.5	10.5	2212	3 1/2				2245	3 1/2	

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS	
FROM	TO				
8.00	8.15	1/4		SERV RIG SWIVER CROWN + V KELLY COLL.	CHANGED HEAD IN #2 PUMP.
8.15	10.00	1 3/4		DRILLING 8 3/4 HOLE	
10.00	10.15	1/4		W.L. SURVEY	
10.15	2.00	3 3/4		DRAG. 2212	
2.00	2.15	1/4		W.L. SURVEY	
2.15	4.00	1 3/4		DRAG.	

MUD RECORD			FOOTAGE		DR. D RM. R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM'D-S
FROM	TO		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
4.00	11.00		2263	2233	D		46	25	1400	5 1/2	70	5 1/2	70	5	
3.8	4	8.8								X		X			
31	8	32								14		14			

DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
10.5	1	10.5								

TIME LOG			ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS	
FROM	TO				
4.00	4.15	1/4		SERV RIG	
4.15	5.45	1 1/2		KNOW REELS + HOIST FOR BIT.	
5.45	6.45	1		CHANGE 2 VALES ON BOYS.	
6.45	7.00	1/4		MAKE UP BIT + V BOYS.	
7.00	8.15	1 1/4		RUN IN D.C + P.K. UP H. 12.00	
8.15	9.30	1 1/4		RUN IN w/ BIT #4 - BREAK CIRC	
9.30	12.00	2 1/2		DRAG 8 3/4 HOLE	

FB 15/69
LAKE

WELL NO. **R-15** FIELD OR DIST. **TAYLOR LAKE** COUNTY **YUKON TERR.** STATE **CANADA**

PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									
SCO	K-380	14		9 5/8	MANN	36 5/8	29	904.53	12.55	900.00	430 5ax Cem. 3% Cpl
SCO	K-380	14									

LOG RECORD	FOOTAGE		DR. D RM. R CORE - C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL. S PAR. EL. P COM'D-G
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
0	3.00	7.00											
6	8.7	8.8		D		90	20	1450	5 1/2	70	5 1/2		5
8	33	33				90	10	1500	5 1/2	70			

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
0	1520	2 5/8		1580	1 7/8		1650	2 5/8	

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
FROM	TO											
12.00	12.15	1/4	RIG SERV. 745-800 1/4 W.L SURVEY @ 1710 2 5/8									
12.15	2.15	2	DRLG 8 3/4 HOLE									
2.15	2.30	1/4	W.L. SURVEY @ 1520									
2.30	4.00	1 1/2	DRLG 8 3/4 HOLE									
4.00	4.15	1/4	W.L SURVEY @ 1590									
4.15	5.30	1 1/4	DRLG 8 3/4 HOLE									
5.30	5.45	1/4	W.L SURVEY @ 1650									
5.45	7.45	2	DRLG 8 3/4 HOLE									

LOG RECORD	FOOTAGE		DR. D RM. R CORE - C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL. S PAR. EL. P COM'D-G
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
0	12.00	3.00											
9	8.9	8.8		D		80	10	1500	5 1/2	70	5 1/2		5
2	32	30											

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
0	1775-278	18-35-39							

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
FROM	TO											
8.00	9.00	1	DRILLING 8 3/4 HOLE. CLEAN SAND TRAP.									
9.00	9.15	1/4	SERV RIG SWIVEL-CROWN & KELLY COCK.									
9.15	10.50	1 1/4	DRLG. 2.30 H.00 DRLG.									
10.50	10.45	1/4	SURVEY									
10.45	12.00	1 1/4	DRLG.									
12.00	12.15	1/4	REPAIR. ROTARY AIR LINE.									
12.15	2.15	2	DRLG.									
2.15	2.30	1/4	W.L. SURVEY.									

LOG RECORD	FOOTAGE		DR. D RM. R CORE - C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL. S PAR. EL. P COM'D-G
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
0	71.50												
8	8.8			D		80	10	1500	5 1/2	70	5 1/2		5
0	30					80	10	1100					

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
0	1965	2 5/8							

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
FROM	TO											
4.00	5.30	1 1/2	DRILLING 8 3/4 HOLE.									
5.30	5.45	1/4	SURVEY									
5.45	7.00	1 1/4	MUST. & BROW KELLY									
7.00	7.15	1/4	MAKE UP BIT - BLIND RAMS.									
7.15	8.15	1	WELD ON HOOR ON DRCK.									
8.15	9.30	1 1/4	RUN IN W/BIT #3 - BREAK CIRC.									
9.30	12.00	2 1/2	DRLG 8 3/4 HOLE									

FEB 13/68

WELL NO. K 15	FIELD OR DIST TAYLOR LAKE	COUNTY YUKON TERRITORY	STATE CANADA							
PUMPS		SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS	
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING TUBING OR LINER	9 5/8	MANN	36 # JSS	29	904 33	900.00	430 500 Cem. - 3% CAL
ISCO	K-380	14								
ISCO	K-380	14								

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL-S PAR'EL-P COM'D-C
	FROM	TO											
DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	
TIME LOG	FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
	12 ⁰⁰	8 ⁰⁰	8	WELD ON CSG BOWL - HEADING UP									
CHEMICALS ADDED			AMT.	TYPE	AMT.								

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL-S PAR'EL-P COM'D-C
	FROM	TO											
DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	
TIME LOG	FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
	8 ⁰⁰	4 ⁰⁰	8	W.O.C. = PICK UP BOFS. & HEAD UP REPIPE HYDRAL LINES FROM DOG HOUSE TO SUR.									
CHEMICALS ADDED			AMT.	TYPE	AMT.								

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL-S PAR'EL-P COM'D-C
	FROM	TO											
DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	
TIME LOG	FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
	4 ⁰⁰	12 ⁰⁰	8	HEAD UP - PRED UP BOFS DRINK MOUSE HOLE									
CHEMICALS ADDED			AMT.	TYPE	AMT.								

FEB 12/69
TAYLOR LAKE

WELL NO. **K13** FIELD OR DIST. **TAYLOR LAKE** COUNTY **YUKON** STATE **CANADA**

PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & CR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									
USCO	K-380	14		9 5/8	Mann	36" J55	29	904.33		900.00	430 SA/Cem + 50 GAL
USCO	K-380	14									

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		METHOD RUN SGL-S PAR-EL-P COM-D-G
	FROM	TO							LINER SIZE	S.P.M.	
	900.00				RAW BENT MAN WASTE RANG 2 8 TH				155	36	LB
					CASING CEMENTED BY HOWCO W/ 160 SAX OF PORTLAND & 270 FOODS CEMENT W/ 3% CA CL 2 IN PORTLAND CASING.						
DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION		
	LANDED @	900 RKB	PLUG DOWN @	930 AM							
	TIME LOG	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
	FROM TO										
	12 ⁰⁰ 12 ⁴⁵	3/4	CIRC TO RUN CSG								
	12 ⁴⁵ 3 ⁰⁰	2 1/4	HOIST - RIG TO RUN CSG								
	3 ⁰⁰ 6 ¹⁵	3 1/4	RUNNING 9 5/8 CSG								
MUD & CHEMICALS ADDED	AMT.	TYPE	AMT.								
	6 ¹⁵		8.00	1 3/4 RIG TO CIRC & CIRC. CSG							

B. Armstrong

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		METHOD RUN SGL-S PAR-EL-P COM-D-G
	FROM	TO							LINER SIZE	S.P.M.	
DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION		
	TIME LOG	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
	FROM TO										
	8 ⁰⁰ 9 ³⁰	1 1/2	RIG TO CEMENT + CEMENT CSG.								
	9 ³⁰ 4 ⁰⁰	6 1/2	W.O.C.								
MUD & CHEMICALS ADDED	AMT.	TYPE	AMT.								
				CLEAN ALL MUD TANKS TAKE 4 1/2 KEELS OFF A PLAN. CHANGE OIL #1 #2 MOTORS. WASH DOWN FLOOR + MATING -							

W.E. Wallis

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		METHOD RUN SGL-S PAR-EL-P COM-D-G
	FROM	TO							LINER SIZE	S.P.M.	
DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION		
	TIME LOG	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
	FROM TO										
	4 ⁰⁰ 9 ³⁰	5 1/2	W.O.C. CLEAN OUT CENTER + WORK ON PUMPS.								
	9 ³⁰ 12 ⁰⁰	2 1/2	CUT OFF CONDUCTOR PIPE & CSG								
MUD & CHEMICALS ADDED	AMT.	TYPE	AMT.								

B. Armstrong

11/69

WELL NO. K15 FIELD OR DIST. Taylor Lake COUNTY Yukon Territory STATE Canada

PUMPS			SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. CS. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH	1 3/4	Sumitomo	48"	4	119	113		
ational	K-380	14								
ational	K-350	14								

MUD RECORD		FOOTAGE		DR.-D RML-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 2 LINER SIZE	METHOD RUN SGL-S PAR-EL-P COM'D-S
5.00	5.00	765	790	D		Holding back on wt	90	6.0	650	7/4	56	5 1/2
8.9	8.9	790	855	D		to Control Deviation	90	10	65	X	56	X
4.0	4.0									14	14	

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	780	1 1/8		810	1 1/8				

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
FROM	TO											
12.00	12.30	1/2	HOIST MAGNET NO IRON RECOVERED									
12.30	1.00	1/2	RUN BACK IN W/ MAGNET									
1.00	1.45	3/4	WORK MAGNET									
1.45	2.15	1/2	HOIST MAGNET RECOVERED 1 CORE + (LAST ONE)									
2.15	3.00	3/4	MAKE UP 3 3/4" BIT + RUN IN TO PILOT									
3.00	4.45	1 3/4	DRILL 3 3/4" PILOT HOLE									
4.45	5.00	1/4	SURVEY									
5.00	6.15	1 1/4	DRILL 3 3/4" hole									

MUD RECORD		FOOTAGE		DR.-D RML-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 2 LINER SIZE	METHOD RUN SGL-S PAR-EL-P COM'D-S
8.45	12.00	3										
8.9	9.2	9.2	855	900	D	HOLDING BACK ON WT. TO	90	10.5	650	7/4	56	5 1/2
4.5	4.7	4.4	939	834	R	CONTROL DEVIATION.				X	X	
										14	14	

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	850	1 3/4		900	1 1/4				

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
FROM	TO											
8.00	8.15	1/4	SERV RIG - SET UP BRAKES - SERV SWIVEL - CROWN -									
8.15	8.30	1/4	W.L. SURVEY @ 850									
8.30	11.15	2 3/4	DRILLING 2 3/4" HOLE.									
11.15	11.30	1/4	SURVEY									
11.30			HOIST TO GO REAMING. MAKE UP BELL SUB - REAMER									
	1.00	1 1/2	RUN IN.									
1.00	11.00	3	REAM 2 3/4" HOLE TO 12 1/4									

MUD RECORD		FOOTAGE		DR.-D RML-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 2 LINER SIZE	METHOD RUN SGL-S PAR-EL-P COM'D-S
6.00												
4.7			834	900	R		90	10.5	650	7/4	56	5 1/2
										X	X	
										14	14	

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
FROM	TO											
11.00	5.15	1 1/4	REAMING W/ 12 1/4" PILOT REAMER									
5.15	5.30	1/4	SURVEY. HOISTING AIR.									
5.30	6.00	1/2	W. DEMOHUK WORKING ON COMPT. C. RE.									
6.00	7.30	3 1/2	REAMING 3 3/4" HOLE TO 12 1/4									
7.30	11.30	4 1/4	SURVEY - STRAP OUT ON DUMMIE TRIP									
11.30	12.00	1/2	CIRE TO RUN CS.									

W.P. Walling

OPERATOR <i>McDermott North up Taylor Lake Y.T. Kis</i>		LEASE		WELL NO. <i>615</i>	FIELD OR DIST. <i>10</i>
CONTRACTOR S & T DRILLING (WESTERN) CO. LTD.		RIG NO. <i>1E</i>	DRILL PIPE STRING NO. <i>2+3, 4-7</i> SIZE <i>3 1/2</i>	TOOL JOINT <i>5" O.D.</i>	PUMPS
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>S. S. Patterson</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>LB. Yalovak</i>		NO.	MANUFACTURER <i>National</i>
				1.	<i>K 280 14</i>
				2.	<i>National K 350 14</i>
				3.	

TIME DISTRIBUTION-HOURS			
	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	<i>6 1/2</i>	<i>5 1/4</i>	<i>4 1/4</i>
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS	<i>3/4</i>	<i>2</i>	<i>2 1/4</i>
LUBRICATE RIG		<i>1/4</i>	
DEVIATION SURVEY	<i>3/4</i>	<i>1/4</i>	
TEST B.O.P.			
CUT OFF DRILLING LINE			
RAIR RIG			<i>1/4</i>
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			<i>1/4</i>
FISHING			<i>1/2</i>
COMPLETION WORK			
A. PERFORATING			
B. TURING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	<i>8</i>	<i>8</i>	<i>8</i>
TIME SUMMARY (OFFICE USE ONLY)			
DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
WIRE LINE RECORD			
REEL NO.			
NO. OF LINES			
SIZE			
FEET SLIPPED			
FEET CUT OFF			
PRESENT LENGTH			
TON MI. OR TRIPS SINCE LAST CUT			
CUMULATIVE TON MI. OR TRIPS			
NO. OF DAYS FROM SPUD			
CUMULATIVE ROTATING HRS.			

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE	
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	FROM	TO
3	280.47	FT.	4A	12 1/4	2.50	9.0	44	547	6
6	27 1/2 6 3/4	184.50 FT.	SMITH						
6	27 1/2 6 1/4	180.32 FT.	DTF						
6	STB. BODY O.D.	FT.	NOZZLE NO.	NO.					
6	STB. BODY O.D.	FT.	SIZE	60N					
6	RMR. BODY O.D.	FT.	SER. NO.	44746					
6	SUBS	FT.	DEPTH OUT						
6	6.0 O.D.	5.04 FT.	DEPTH IN	547					
1	BEH Sub	2.50 FT.	TOTAL FTG.	138					
1	FLOAT Sub	4.00 FT.	TOTAL HR. RUN	6 1/2					
1	KELLY DOWN	28.17 FT.	COND. OF BIT	Run					
	TOTAL	685 FT.	REAMER NO.						
	WT. OF STRING	54M LBS.	REAMER TYPE						

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE	
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	FROM	TO
3	281.47	FT.	H.A. 5A	12 1/4 8 3/4	8.50	9.0	90	685	7
2	63.28	FT.	SMITH H.W.						
6	27 1/2 6 3/4	184.50 FT.	DTF	X16					
6	27 1/2 6 1/4	180.32 FT.	NOZZLE NO.	CON. JETS					
6	STB. BODY O.D.	FT.	SIZE	OUT					
6	STB. BODY O.D.	FT.	SER. NO.	HH7H6CNH61					
6	RMR. BODY O.D.	FT.	DEPTH OUT	739					
6	SUBS	FT.	DEPTH IN	547 739					
2	6.0 O.D.	5.04 FT.	TOTAL FTG.	192					
1	BEH Sub	2.50 FT.	TOTAL HR. RUN	11 1/2					
1	FLOAT Sub	4.00 FT.	COND. OF BIT						
1	KELLY DOWN	17.99 FT.	REAMER NO.						
	TOTAL	739.00 FT.	REAMER TYPE						
	WT. OF STRING	LBS.	DRILLER	<i>W.C. Walling</i>					

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE	
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	FROM	TO
4	374.77	FT.	5A	8 3/4	6.00	8.9	50	739	
6	27 1/2 6 3/4	184.50 FT.	H.W.	X16					
6	27 1/2 6 1/4	180.32 FT.	NOZZLE NO.	JETS					
6	STB. BODY O.D.	FT.	SIZE	OUT					
6	STB. BODY O.D.	FT.	SER. NO.	6N641					
6	RMR. BODY O.D.	FT.	DEPTH OUT						
6	SUBS	FT.	DEPTH IN	738					
2	6.0 O.D.	5.04 FT.	TOTAL FTG.	28					
1	MAGNET BIT OR C.B.	2.20 FT.	TOTAL HR. RUN	4 1/2					
1	FLOAT Sub	4.00 FT.	COND. OF BIT	RUIINED FROM					
1	KELLY DOWN	15.17 FT.	REAMER NO.	MILLING ON IRON					
	TOTAL	765 FT.	REAMER TYPE						
	WT. OF STRING	54M LBS.	DRILLER	<i>W.C. Walling</i>					

2-10-1969

WELL NO. 4115 FIELD OR DIST. Taylor Lake COUNTY Yukon Territory STATE Canada

PUMPS			SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH	13 3/4	Sumitomo	48°	4	119		113	
Stanol	K-280	14								
Stanol	K-350	14								

MUD RECORD			FOOTAGE		DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN
0.50	4.00		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL.-S PAR.-L-P COM.-D-S
0	9.0		547	685		D	Fuel 6' 3"	100	20	600	7/4	56	5/2		
4	52							110	6m	650	X	56	X		
											18		14		

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	570	1 1/8	600	1 1/8	660	1 3/4			

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS			
FROM	TO					
12:00	12:45	3/4	Run in. w/ 12 1/4" BIT			
12:45	2:30	1 3/4	DRAG 12 1/4" hole. (milling on IRON)			
2:30	2:45	1/4	SURVEY			
2:45	3:30	3/4	DRAG 12 1/4" hole			
3:30	3:45	1/4	SURVEY			
3:45	5:15	1 1/2	DRAG 12 1/4" hole			
5:15	5:30	1/4	SURVEY			
5:30	9:00	2 1/2	DRAG 12 1/4" hole 1 Hold Back To Con. Deviation			

MUD RECORD			FOOTAGE		DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN
7.50	12.00	1.50	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL.-S PAR.-L-P COM.-D-S
7.0	9.0	9.0	685	739		D	FUEL 6'	110	6m	650	7/4	56	5/2		
7.0	9.0	9.0									X		X		
											14		14		

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	690	1 5/8		720	2°				

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS (DUMP SAND TRAP)			
FROM	TO					
8:00	8:45	5/4	DRAG 12 1/4" HOLE - HOLD BACK TO CON. DEVIATION			
8:45	9:00	1/4	SERV RIG - SWIVEL - CROWN - VALVE LOCK.			
9:00	9:15	1/4	SURVEY @ 690			
9:15	12:15	3	DRAG 12 1/4"			
12:15	12:50	1/4	SURVEY @ 720			
12:50	2:00	1 1/2	DRAG.			
2:00	4:00	2	HOIST PUT FEEL ON WIRE TIGHT SIGHT. WORK ON AIR. BREAK OFF BIT - BELL SUB.			

MUD RECORD			FOOTAGE		DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN
6.00	3.00		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL.-S PAR.-L-P COM.-D-S
5.9	8.9		739	765		D	milling on IRON	100	5-8	650	7/4	56	5/2		
5.0	4.5														

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	765			7					

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS			
FROM	TO					
4:00	5:00	1	MAKE UP 8 3/4 BIT + RUN INTO PILOT AHEAD.			
5:00	9:30	4 1/2	PILOT AHEAD W/ 8 3/4 BIT. WORK ON IRON			
			milling on IRON			
9:30	10:15	3/4	HOIST			
10:15	10:30	1/4	MAKE UP MAGNET			
10:30	11:00	1/2	REPAIR BROKEN AIR LINE TO ROTARY			
11:00	11:30	1/2	RUN IN 6 3/4 MAGNET			
11:30	1:00	1/2	WORK MAGNET			

W.E. Watling

OPERATOR

McDermott North up Taylor Lake Y.T. K15

WELL NO.

FIELD OR DIST.

CONTRACTOR

S & T DRILLING (WESTERN) CO. LTD.

RIG NO.

1E

LEASE

DRILL PIPE STRING

NO. 2+3 SIZE 4" TYPE THD. 3 1/2 IF

TOOL JOINT

5" O.D.

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	K-390	14
2.	National	K-350	14
3.			

SIGNATURE OF OPERATOR'S REPRESENTATIVE

S. S. Pallister

SIGNATURE OF CONTRACTOR'S TOOL PUSHER

A. Baluga

TIME DISTRIBUTION-HOURS			
	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
RAISE RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	MUD RECORD		FOOTAGE
	STANDS D.P.	FT.		TIME	FROM	
1	STANDS D.P.	92.55 FT.	BIT NO.	9.00	FROM	
1	SINGLES D.P.	31.54 FT.	SIZE	8.9	5.39	
6	D.C. 2 7/8 6 3/4 I.B. O.D.	184.50 FT.	MFG.	VISC.-SEC 3.5		
6	D.C. 2 7/8 6 3/4 I.B. O.D.	180.32 FT.	TYPE	W.L.-C.C.		
	STB. BODY O.D.	FT.	NOZZLE NO. SIZE	FLTR. CK.		
	STB. BODY O.D.	FT.	SER. NO.	PH		
	STB. BODY O.D.	FT.	DEPTH OUT	SD. CONT. %		
1	RMR. BODY 5 3/8 O.D.	1.14 FT.	DEPTH IN	PRESSURE GRADIENT		
2	SUBS O.D.	5.04 FT.	TOTAL FTG.	MUD & CHEMICALS ADDED		
1	BIT OR C.B.	4.00 FT.	TOTAL HR. RUN	TYPE	AMT.	
1	BASKET	4.00 FT.	COND. OF BIT	GEL	700	
	KELLY DOWN	36.00 FT.	REAMER NO.			
	TOTAL	FT.	REAMER TYPE			
	WT. OF STRING	52 M. LBS.		DRILLER		

MORNING TOUR	TIME DISTRIBUTION-HOURS			
	MORN	DAY	EVE	
DRILL STEM TEST				
OTHER				
FISHING	8	8	8	
COMPLETION WORK				
A. PERFORATING				
B. TUBING TRIPS				
C. SWABBING				
D. TESTING				
E. ADDITIONAL				
TOTALS	8	8	8	

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	MUD RECORD		FOOTAGE
	STANDS D.P.	FT.		TIME	FROM	
1	STANDS D.P.	95.14 FT.	BIT NO. RERUN 2A.	1.00	4.00	
2	SINGLES D.P.	62.03 FT.	SIZE 12 1/4	WEIGHT	5.39	
6	D.C. 2 7/8 6 3/4 I.B. O.D.	184.50 FT.	MFG. H.W.	VISC.-SEC 3.4	4.1	
6	D.C. 2 7/8 6 3/4 I.B. O.D.	180.32 FT.	TYPE OSC 3AJ	W.L.-C.C.		
	STB. BODY O.D.	FT.	NOZZLE NO. SIZE	FLTR. CK.		
	STB. BODY O.D.	FT.	SER. NO. XB 705	PH		
	STB. BODY O.D.	FT.	DEPTH OUT 547	SD. CONT. %		
	RMR. BODY O.D.	FT.	DEPTH IN 477 357	PRESSURE GRADIENT		
	SUBS O.D.	FT.	TOTAL FTG. 559 547	MUD & CHEMICALS ADDED		
	BIT OR C.B.	FT.	TOTAL HR. RUN 14	TYPE	AMT.	
	KELLY DOWN	FT.	COND. OF BIT HHH	Mud	1500	
	TOTAL	FT.	REAMER NO.	Caustic	50	
	WT. OF STRING	52,000 LBS.	REAMER TYPE			
			DRILLER			

TIME SUMMARY (OFFICE USE ONLY)			
DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	MUD RECORD		FOOTAGE
	STANDS D.P.	FT.		TIME	FROM	
1	STANDS D.P.	95.14 FT.	BIT NO.			
2	SINGLES D.P.	62.03 FT.	SIZE			
6	D.C. 2 7/8 6 3/4 I.B. O.D.	184.50 FT.	MFG.	VISC.-SEC		
6	D.C. 2 7/8 6 3/4 I.B. O.D.	180.32 FT.	TYPE	W.L.-C.C.		
	STB. BODY O.D.	FT.	NOZZLE NO. SIZE	FLTR. CK.		
	STB. BODY O.D.	FT.	SER. NO.	PH		
	STB. BODY O.D.	FT.	DEPTH OUT	SD. CONT. %		
	RMR. BODY O.D.	FT.	DEPTH IN	PRESSURE GRADIENT		
	SUBS O.D.	FT.	TOTAL FTG.	MUD & CHEMICALS ADDED		
	BIT OR C.B.	FT.	TOTAL HR. RUN	TYPE	AMT.	
	KELLY DOWN	FT.	COND. OF BIT	Gel	800	
	TOTAL	FT.	REAMER NO.	Caustic	500	
	WT. OF STRING	52 LBS.	REAMER TYPE			
			DRILLER			

WIRE LINE RECORD	
REEL NO.	
NO. OF LINES	SIZE
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	MUD RECORD		FOOTAGE
	STANDS D.P.	FT.		TIME	FROM	
1	STANDS D.P.	95.14 FT.	BIT NO.			
2	SINGLES D.P.	62.03 FT.	SIZE			
6	D.C. 2 7/8 6 3/4 I.B. O.D.	184.50 FT.	MFG.	VISC.-SEC		
6	D.C. 2 7/8 6 3/4 I.B. O.D.	180.32 FT.	TYPE	W.L.-C.C.		
	STB. BODY O.D.	FT.	NOZZLE NO. SIZE	FLTR. CK.		
	STB. BODY O.D.	FT.	SER. NO.	PH		
	STB. BODY O.D.	FT.	DEPTH OUT	SD. CONT. %		
	RMR. BODY O.D.	FT.	DEPTH IN	PRESSURE GRADIENT		
	SUBS O.D.	FT.	TOTAL FTG.	MUD & CHEMICALS ADDED		
	BIT OR C.B.	FT.	TOTAL HR. RUN	TYPE	AMT.	
	KELLY DOWN	FT.	COND. OF BIT	Gel	800	
	TOTAL	FT.	REAMER NO.	Caustic	500	
	WT. OF STRING	52 LBS.	REAMER TYPE			
			DRILLER			

Feb 9 1969

15 WELL NO. FIELD OR DIST. *Taylor Lake* COUNTY *Yukon Territory* STATE *Canada*

PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB TO CSG. HD.	SET AT	REMARKS
MANUFACTURER.	TYPE	STROKE LENGTH									
<i>International</i>	<i>K. 380</i>	<i>14</i>		<i>1 3/8</i>	<i>Leimstone</i>	<i>45#</i>	<i>4</i>	<i>119</i>		<i>113</i>	
<i>International</i>	<i>K. 380</i>	<i>14</i>									

MUD RECORD	FOOTAGE		DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1		PUMP NO.		METHOD RUN SGL-S PART-EL-P COM'D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
<i>9.00</i>													
<i>8.9</i>	<i>539</i>				<i>Fishing for Cones</i>			<i>550</i>	<i>7 1/4</i>	<i>56</i>	<i>5 1/2</i>		
<i>3.5</i>					<i>Full</i>			<i>X</i>		<i>X</i>			
								<i>14</i>		<i>14</i>			

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS										
FROM	TO												
<i>12.00</i>			<i>CIRC COND MUD + CLEAN TO BOTTOM</i>										
<i>2.00</i>	<i>2.30</i>	<i>1/2</i>	<i>W/ GLOBE BASKET + WORK SAME</i>										
<i>2.30</i>	<i>5.30</i>	<i>3</i>	<i>HOIST GLOBE BASKET</i>										
<i>5.30</i>	<i>6.00</i>	<i>1/2</i>	<i>WEAR UP A POOR BOYS BASKET?</i>										
<i>6.00</i>	<i>8.00</i>	<i>2</i>	<i>RUN IN W/ POOR BOYS BASKET!</i>										
			<i>CLEAN TO BOTTOM W/ BASKET. (SHOW LIKE)</i>										

MUD & CHEMICALS ADDED			DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PART-EL-P COM'D-C
AMT.	TYPE	AMT.							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
<i>700#</i>													
<i>1.00</i>	<i>4.20</i>												
<i>34</i>	<i>41</i>				<i>FUEL</i>								

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS										
FROM	TO												
<i>8.00</i>	<i>10.45</i>	<i>2 3/4</i>	<i>SEPR. RIG-SWIVEL + CROWN VRELLY CLEANING TO BOTTOM W/ BASKET. LOCK-UP.</i>										
<i>10.45</i>	<i>11.00</i>	<i>1/4</i>	<i>WORK POOR BOYS BASKET.</i>										
<i>11.00</i>	<i>11.30</i>	<i>1/2</i>	<i>HOIST BASKET</i>										
<i>11.30</i>	<i>12.45</i>	<i>1 1/4</i>	<i>MAKE UP BIT-BELL SUB. + RUN W/ 12 1/4 BIT.</i>										
<i>12.45</i>	<i>2.45</i>	<i>2</i>	<i>READ PILOT HOLE TO 12 1/4</i>										
<i>2.45</i>	<i>4.00</i>	<i>1 1/4</i>	<i>MAKE 8' HOLE TRYING TO PUSH CONES ASIDE.</i>										

MUD RECORD			DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PART-EL-P COM'D-C
FROM	TO	LINER SIZE							S.P.M.	LINER SIZE	S.P.M.		
					<i>Fishing for Cones</i>								

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS										
FROM	TO												
<i>4.00</i>	<i>6.00</i>	<i>2</i>	<i>WORK PIPE, TRY TO WORK BY CONES.</i>										
<i>6.00</i>	<i>6.45</i>	<i>3/4</i>	<i>HOIST BREAK BIT OFF + MAKE UP MAGNET</i>										
<i>6.45</i>	<i>7.30</i>	<i>3/4</i>	<i>RUN IN W/ MAGNET + WORK SAME. SHOW BELL</i>										
<i>7.30</i>	<i>8.30</i>	<i>1</i>	<i>WORK ON AIR - HOIST. MAGNET RECOVERED</i>										
<i>8.30</i>	<i>9.00</i>	<i>1/2</i>	<i>RUN IN W/ MAGNET</i>										
<i>9.00</i>	<i>9.30</i>	<i>1/2</i>	<i>CLEAN TO BOTTOM + WORK MAGNET</i>										
<i>9.30</i>	<i>10.15</i>	<i>3/4</i>	<i>HOIST MAGNET RECOVERER 1 CONE</i>										
<i>10.15</i>	<i>11.00</i>	<i>3/4</i>	<i>RUN MAGNET 100 12.00 1 HOIST MAGNET. (Tank RECOVERER)</i>										

Feb 8 1969

WELL NO. K. 15	FIELD OR DIST. Taylor Lake	COUNTY Yukon Territory	STATE Canada						
PUMPS		SIZE	MAKE	WT. & CR.	NO. JOINTS	FEEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING TUBING OR LINER	13 3/8 annular 48# 4 119 113 Fuel 3' 2"					
National	K. 380	14"							
National	K. 380	14"							

MUD RECORD			FOOTAGE		DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN
AMT.	TYPE	AMT.	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PAR-EL-P COM'D-C
			440	477	D		Hold Back To Bent Deviation	100	6m	150	7 1/4	56	5 1/2		
			477	539	D		8 1/4" Pilot Hole	90	6m	550	X	56	X		
											14		14		
DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION				
			440	1°	470 1/8										
TIME LOG			FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
			12:00	12:45	3/4	DRILL 12 1/4" hole									
			12:45	1:00	1/4	SURVEY									
			1:00	3:00	2	DRILL 12 1/4"									
MUD & CHEMICALS ADDED			AMT.	TYPE	AMT.										
			3:00	3:15	1/4	SURVEY									
			3:15	4:15	1	HOIST + Run Pilot Bit									
			4:15	8:00	3 3/4	DRILL 8 3/4" hole Pilot hole									

MUD RECORD			FOOTAGE		DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN
AMT.	TYPE	AMT.	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PAR-EL-P COM'D-C
			539												
DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION				
TIME LOG			FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
			8:00	8:15	1/4	SERV RIG - PULL SURVEY. (CHANGED OUT IN #1+2 NIGHT PLANTS)									
			8:15			PIPE PUMPING OUT OF HOLE - SHUT PUMP OFF - TRY TO STAY AHEAD OF IT. HOOK CAME OPEN SWIVEL - KELLY WHEN OUT V. DOOR (BROKE OFF PIPE DROP 15' TO BOTTOM. WELD STRAPS ON KELLY - PUT DOG COLLAR ON RATH									
MUD & CHEMICALS ADDED			AMT.	TYPE	AMT.										
						COILS OFF									
			1:00	1:00	1/4	OH TO STRING & HOIST - 3 COILS ON BOTTOM. PICK UP 3 1/2 KELLY - WORK ON STANDS PIPE									

MUD RECORD			FOOTAGE		DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN
AMT.	TYPE	AMT.	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PAR-EL-P COM'D-C
DEVIATION RECORD			DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION				
TIME LOG			FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
			11:00			FINISH STAND PIPE. CUTTING & WELD IN									
			10:00	10:00	6	PUT UP STAND PIPE + KELLY HOSE									
			10:00	12:00	0	RAN IN W/ GLOBE BASKET + LAY DOWN									
			12:00		2	3 BENT SINGLES + PICK UP 4 SINGLES TO TAG BOTTOM									
MUD & CHEMICALS ADDED			AMT.	TYPE	AMT.										

W. Kraumann

OPERATOR *McDemott North up Taylor Lake Y.T. K. 15* LEASE

CONTRACTOR **S & T DRILLING (WESTERN) CO. LTD.** RIG NO. *1E* DRILL PIPE STRING NO. SIZE TOOL JOINT O.D. TYPE THD. PUMPS

SIGNATURE OF OPERATOR'S REPRESENTATIVE *J. S. Patterson* SIGNATURE OF CONTRACTOR'S TOOL PUSHER *A. B. Galena*

TIME DISTRIBUTION-HOURS table with columns for MORN, DAY, EVE and rows for RIG UP & TEAR DOWN, DRILLING ACTUAL, REAMING, etc.

MORNING TOUR table with columns for DRILLING ASSEMBLY, BIT RECORD, MUD RECORD, and FOOTAGE.

DAY TOUR table with columns for MORN, DAY, EVE and rows for DRILL STEM TEST, OTHER, FISHING, etc.

DAY TOUR table with columns for DRILLING ASSEMBLY, BIT RECORD, MUD RECORD, and FOOTAGE.

EVENING TOUR table with columns for MORN, DAY, EVE and rows for TOTAL DAY WORK, WIRE LINE RECORD, REEL NO., etc.

EVENING TOUR table with columns for DRILLING ASSEMBLY, BIT RECORD, MUD RECORD, and FOOTAGE.

DRILLER *C. W. Williams*

Feb 7 1964

15	WELL NO.	FIELD OR DIST.	COUNTY	STATE						
PUMPS		LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH	1 3/8	Sumitomo	45#	4	119		13	

MUD RECORD		FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL. S PAR. L. P COM. D. G
		FROM	TO											
MUD & CHEMICALS ADDED		AMT.	TYPE	AMT.										
MUD RECORD		FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL. S PAR. L. P COM. D. G
		FROM	TO											
MUD & CHEMICALS ADDED		AMT.	TYPE	AMT.										

MUD RECORD		FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL. S PAR. L. P COM. D. G
		FROM	TO											
MUD & CHEMICALS ADDED		AMT.	TYPE	AMT.										
MUD RECORD		FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL. S PAR. L. P COM. D. G
		FROM	TO											
MUD & CHEMICALS ADDED		AMT.	TYPE	AMT.										

MUD RECORD		FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL. S PAR. L. P COM. D. G
		FROM	TO											
MUD & CHEMICALS ADDED		AMT.	TYPE	AMT.										
MUD RECORD		FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL. S PAR. L. P COM. D. G
		FROM	TO											
MUD & CHEMICALS ADDED		AMT.	TYPE	AMT.										

DAILY DRILLING REPORT

REPORT NO.

DATE July 6 1969

OPERATOR *M&D Co Northrup Taylor Lake T.T. K. 15* LEASE

CONTRACTOR **S & T DRILLING (WESTERN) CO. LTD.** RIG NO. *1E* DRILL PIPE STRING NO. SIZE TOOL JOINT O.D. TYPE THD. PUMPS NO. MANUFACTURER TYPE STROKE LENGTH

SIGNATURE OF OPERATOR'S REPRESENTATIVE *H. S. Patterson* SIGNATURE OF CONTRACTOR'S TOOL PUSHER *W. H. Halyard*

TIME DISTRIBUTION-HOURS table with columns for MORN, DAY, EVE and rows for RIG UP & TEAR DOWN, DRILLING ACTUAL, REAMING, etc.

MORNING TOUR table with columns for NO., DRILLING ASSEMBLY AT END OF TOUR, BIT RECORD, MUD RECORD, FOOTAGE. Includes handwritten data for stands, singles, D.C., I.D. O.D., etc.

COMPLETION WORK table with rows for A. PERFORATING, B. TUBING TRIPS, C. SWABBING, D. TESTING, E. ADDITIONAL.

DAY TOUR table with columns for NO., DRILLING ASSEMBLY AT END OF TOUR, BIT RECORD, MUD RECORD, FOOTAGE. Includes handwritten data for stands, singles, D.C., I.D. O.D., etc.

WIRE LINE RECORD table with rows for REEL NO., NO. OF LINES, SIZE, FEET SLIPPED, FEET CUT OFF, etc.

EVENING TOUR table with columns for NO., DRILLING ASSEMBLY AT END OF TOUR, BIT RECORD, MUD RECORD, FOOTAGE. Includes handwritten data for stands, singles, D.C., I.D. O.D., etc.

Feb 6 1969

WELL NO.		FIELD OR DIST.		COUNTY		STATE					
PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RYB TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									
National	380	14"									
National	380	14"									

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM-D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
	45	111		D		100	10m	200	3 1/4		5 1/2		CELLAR SETTING
DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			
		70		1/2									
TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS										
FROM	TO												
12:00	1:00	1	FINISH DRILL RAT. HOLE										
1:00	4:30	3 1/2	DRILL 12 1/4" hole										
4:30	4:45	1/4	Pick up BAILEY & ELEVATORS										
MUD & CHEMICALS ADDED													
AMT.	TYPE	AMT.											
4:45		5:00	SURVEY @ 70 FT 1/2"										
5:00		7:00	DRILL 12 1/4" hole										
7:00		8:00	LAY DOWN 2 COLLARS TO PICK UP REAMER										

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM-D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
11:30	2:00			R.		11.6	175	300	7 1/4		5 1/2		CELLAR SETTING
35	37												
DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			
TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS										
FROM	TO												
8:00	8:15	1/4	SERV. RIG.										
8:15	2:15	5	MAKE UP REAMER & REAM 12" HOLE TO 17 1/4"										
2:15			CIRCULATE TO CLEAN HOLE & WASH PIPE FILLS										
MUD & CHEMICALS ADDED													
AMT.	TYPE	AMT.											
500			2 3/4" BITUM.										
50													

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM-D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			
TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS										
FROM	TO												
4:00			CIRCULATE TO CLEAN HOLE & RIG TO RUN										
6:45	8:15	2 3/4	15% CEMENT										
8:15	8:15	1/2	RUNNING 13 1/2" CASING										
8:15	1:10	1	RIG TO CIRCULATE - RIG										
9:15	11:00	1 1/4	RIG TO CEMENT & CEMENT										
11:00	12:00	1	W.C.C.										
MUD & CHEMICALS ADDED													
AMT.	TYPE	AMT.											

Feb 6 1967

WELL NO.		FIELD OR DIST.				COUNTY				STATE	
PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									

MUD RECORD	FOOTAGE		DR..D RM..R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGT. 5 PART. 5 COM'D.C
DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION				
TIME LOG		ELAPSED TIME		DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
FROM	TO			8:00 8:00 8 RIGGING UP									
MUD & CHEMICALS ADDED													
AMT.	TYPE	AMT.											

MUD RECORD	FOOTAGE		DR..D RM..R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGT. 5 PART. 5 COM'D.C
	0	45		12									
DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION				
TIME LOG		ELAPSED TIME		DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
FROM	TO			8:00 11:00 3 7/8 FINISH RIGGING UP + RIG TO SPUR									
MUD & CHEMICALS ADDED													
AMT.	TYPE	AMT.											

MUD RECORD	FOOTAGE		DR..D RM..R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGT. 5 PART. 5 COM'D.C
	4:00	8:00		7									
DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION				
TIME LOG		ELAPSED TIME		DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
FROM	TO			5:00 8:00 4 1/2 SPURRING IN + RIG TO SPUR									
MUD & CHEMICALS ADDED													
AMT.	TYPE	AMT.											

FEB 4/69

WELL NO.	FIELD OR DIST.	COUNTY	STATE
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PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									

MUD RECORD	FOOTAGE		DR. D RM. R CORE...C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PART-L-P COM'D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO	

Rigging up pumps cemented cellar with 84 SAK CONSTRUCTION CEMENT 26 SAK FONDA CEMENT - 1 200# G.A.B.L.

MUD & CHEMICALS ADDED		
AMT.	TYPE	AMT.

W. Traumann

MUD RECORD	FOOTAGE		DR. D RM. R CORE...C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PART-L-P COM'D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO	
8:00	4:00	

Put belly and wash & drill collars Rig up Derrick Floor Pick up swivel belly and belly hose

MUD & CHEMICALS ADDED		
AMT.	TYPE	AMT.

MUD RECORD	FOOTAGE		DR. D RM. R CORE...C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PART-L-P COM'D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO	

MUD & CHEMICALS ADDED		
AMT.	TYPE	AMT.

DAILY DRILLING REPORT

REPORT NO.

DATE

FEB 3/69

OPERATOR

LEASE

MCD G Co NORTH UP TAYLOR LAKE Y.T. K. 15

WELL NO.

FIELD OR DIST

CONTRACTOR

RIG NO.

DRILL PIPE STRING

TOOL JOINT

O.D.

PUMPS

S & T DRILLING (WESTERN) CO. LTD.

1E

NO. SIZE

TYPE THD.

NO.

MANUFACTURER

TYPE

STROKE LENGTH

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER

A. STACH

1.

2.

3.

TIME DISTRIBUTION-HOURS			
	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
AIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE	
	STANDS D.P.	FT.	BIT NO.		TIME				FROM	
	SINGLES D.P.	FT.	SIZE		WEIGHT					
	D.C.		MFG.		VISC.-SEC					
	I.D. O.D.	FT.			W.L.-C.C.					
	D.C.		NOZZLE	NO.	FLTR. CK.				DEVIATION RECORD	
	I.D. O.D.	FT.	NOZZLE	SIZE	PH				TIME LOG	
	STB. BODY O.D.	FT.	SER. NO.		SD. CONT. %				FROM	
	STB. BODY O.D.	FT.	DEPTH OUT		PRESSURE GRADIENT					
	RMR. BODY O.D.	FT.	DEPTH IN							
	SUBS O.D.	FT.	DEPTH IN							
	BIT OR C.B.	FT.	TOTAL FTG.		MUD & CHEMICALS ADDED					
			TOTAL HR. RUN		TYPE	AMT.	TYPE	AMT.		
	KELLY DOWN	FT.	COND. OF BIT							
	TOTAL	FT.	REAMER NO.							
	WT. OF STRING	LBS.	REAMER TYPE							

COMPLETION WORK			
A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE	
	STANDS D.P.	FT.	BIT NO.		TIME				FROM	
	SINGLES D.P.	FT.	SIZE		WEIGHT					
	D.C.		MFG.		VISC.-SEC					
	I.D. O.D.	FT.	TYPE		W.L.-C.C.					
	D.C.		NOZZLE	NO.	FLTR. CK.				DEVIATION RECORD	
	I.D. O.D.	FT.	NOZZLE	SIZE	PH				TIME LOG	
	STB. BODY O.D.	FT.	SER. NO.		SD. CONT. %				FROM	
	STB. BODY O.D.	FT.	DEPTH OUT		PRESSURE GRADIENT					
	RMR. BODY O.D.	FT.	DEPTH IN							
	SUBS O.D.	FT.	DEPTH IN							
	BIT OR C.B.	FT.	TOTAL FTG.		MUD & CHEMICALS ADDED					
			TOTAL HR. RUN		TYPE	AMT.	TYPE	AMT.		
	KELLY DOWN	FT.	COND. OF BIT							
	TOTAL	FT.	REAMER NO.							
	WT. OF STRING	LBS.	REAMER TYPE							

TIME SUMMARY (OFFICE USE ONLY)			
DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE	
	STANDS D.P.	FT.	BIT NO.		TIME				FROM	
	SINGLES D.P.	FT.	SIZE		WEIGHT					
	D.C.		MFG.		VISC.-SEC					
	I.D. O.D.	FT.	TYPE		W.L.-C.C.					
	D.C.		NOZZLE	NO.	FLTR. CK.				DEVIATION RECORD	
	I.D. O.D.	FT.	NOZZLE	SIZE	PH				TIME LOG	
	STB. BODY O.D.	FT.	SER. NO.		SD. CONT. %				FROM	
	STB. BODY O.D.	FT.	DEPTH OUT		PRESSURE GRADIENT					
	RMR. BODY O.D.	FT.	DEPTH IN							
	SUBS O.D.	FT.	DEPTH IN							
	BIT OR C.B.	FT.	TOTAL FTG.		MUD & CHEMICALS ADDED					
			TOTAL HR. RUN		TYPE	AMT.	TYPE	AMT.		
	KELLY DOWN	FT.	COND. OF BIT							
	TOTAL	FT.	REAMER NO.							
	WT. OF STRING	LBS.	REAMER TYPE							

WIRE LINE RECORD			
REEL NO.			
NO. OF LINES		SIZE	
FEET SLIPPED			
FEET CUT OFF			
PRESENT LENGTH			
TON MI. OR TRIPS SINCE LAST CUT			
CUMULATIVE TON MI. OR TRIPS			
NO. OF DAYS FROM SPUD			
CUMULATIVE ROTATING HRS.			

FEB 3/69

WELL NO.	FIELD OR DIST.	COUNTY	STATE								
PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									

MUD RECORD	FOOTAGE		DR. D RM. R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR-EL-P COM-D-G
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION				
TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS										
FROM	TO												
			Start Boiler										
MUD & CHEMICALS ADDED													
AMT.	TYPE	AMT.											

MUD RECORD	FOOTAGE		DR. D RM. R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR-EL-P COM-D-G
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION				
TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS										
FROM	TO												
MUD & CHEMICALS ADDED													
AMT.	TYPE	AMT.											

MUD RECORD	FOOTAGE		DR. D RM. R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR-EL-P COM-D-G
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION				
TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS										
FROM	TO												
MUD & CHEMICALS ADDED													
AMT.	TYPE	AMT.											

DAILY DRILLING REPORT

REPORT NO.

DATE *FEB 2/69*

OPERATOR
M.C.D. & Co. NORTH UP TAYLOR LAKE Y.T.M. 15

LEASE
WELL NO. FIELD OR D. *NORTH*

CONTRACTOR
S & T DRILLING (WESTERN) CO. LTD.

RIG NO.

1E

DRILL PIPE STRING

NO. SIZE

TOOL JOINT

TYPE THD.

O.D.

PUMPS

NO.	MANUFACTURER	TYPE	STRO LENG
1.			
2.			
3.			

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER

A. STACH

TIME DISTRIBUTION-HOURS			
	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
PAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOT
	STANDS D.P.	FT.	BIT NO.		TIME				
	SINGLES D.P.	FT.	SIZE		WEIGHT				
	D.C.		MFG.		VISC.-SEC				
	I.D. O.D.	FT.	TYPE		W.L.-C.C.				
	D.C.		NOZZLE NO.		FLTR. CK.				DEVIATION RECORD
	I.D. O.D.	FT.	NOZZLE SIZE		PH				TIME LOG FROM
	STB. BODY O.D.	FT.	SER. NO.		SD. CONT. %				
	STB. BODY O.D.	FT.	DEPTH OUT		PRESSURE GRADIENT				
	RMR. BODY O.D.	FT.	DEPTH IN						
	SUBS O.D.	FT.	TOTAL FTG.		MUD & CHEMICALS ADDED				
	BIT OR C.B.	FT.	TOTAL HR. RUN		TYPE	AMT.	TYPE	AMT.	
	KELLY DOWN	FT.	COND. OF BIT						
	TOTAL	FT.	REAMER NO.						
	WT. OF STRING	LBS.	REAMER TYPE						DRILLER <i>[Signature]</i>

COMPLETION WORK	A. PERFORATING	B. TUBING TRIPS	C. SWABBING	D. TESTING	E. ADDITIONAL
TOTALS					

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOT
	STANDS D.P.	FT.	BIT NO.		TIME				
	SINGLES D.P.	FT.	SIZE		WEIGHT				
	D.C.		MFG.		VISC.-SEC				
	I.D. O.D.	FT.	TYPE		W.L.-C.C.				
	D.C.		NOZZLE NO.		FLTR. CK.				DEVIATION RECORD
	I.D. O.D.	FT.	NOZZLE SIZE		PH				TIME LOG FROM
	STB. BODY O.D.	FT.	SER. NO.		SD. CONT. %				
	STB. BODY O.D.	FT.	DEPTH OUT		PRESSURE GRADIENT				
	RMR. BODY O.D.	FT.	DEPTH IN						
	SUBS O.D.	FT.	TOTAL FTG.		MUD & CHEMICALS ADDED				
	BIT OR C.B.	FT.	TOTAL HR. RUN		TYPE	AMT.	TYPE	AMT.	
	KELLY DOWN	FT.	COND. OF BIT						
	TOTAL	FT.	REAMER NO.						
	WT. OF STRING	LBS.	REAMER TYPE						DRILLER <i>[Signature]</i>

TIME SUMMARY (OFFICE USE ONLY)	
DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOT
	STANDS D.P.	FT.	BIT NO.		TIME				
	SINGLES D.P.	FT.	SIZE		WEIGHT				
	D.C.		MFG.		VISC.-SEC				
	I.D. O.D.	FT.	TYPE		W.L.-C.C.				
	D.C.		NOZZLE NO.		FLTR. CK.				DEVIATION RECORD
	I.D. O.D.	FT.	NOZZLE SIZE		PH				TIME LOG FROM
	STB. BODY O.D.	FT.	SER. NO.		SD. CONT. %				
	STB. BODY O.D.	FT.	DEPTH OUT		PRESSURE GRADIENT				
	RMR. BODY O.D.	FT.	DEPTH IN						
	SUBS O.D.	FT.	TOTAL FTG.		MUD & CHEMICALS ADDED				
	BIT OR C.B.	FT.	TOTAL HR. RUN		TYPE	AMT.	TYPE	AMT.	
	KELLY DOWN	FT.	COND. OF BIT						
	TOTAL	FT.	REAMER NO.						
	WT. OF STRING	LBS.	REAMER TYPE						DRILLER

WIRE LINE RECORD	
REEL NO.	
NO. OF LINES	SIZE
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

2/3 2/09

WELL NO.	FIELD OR DIST. <i>NORTH TO ALASKA</i>	COUNTY	STATE						
PUMPS		SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING TUBING OR LINER						

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR-EL-P COMB-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
	DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION		
	TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
	FROM	TO		<i>FINISHED PREFABS (AMEN) RAISED DERRICK WARMING UP GENERATORS & MOTORS STARTED NO 1-7 LIGHT PLANT. STARTED SPOTTED RAMP & GATWALK PUT ON HYDROMATIC WARMING UP BOILER TO START COMMODORE FEB 9 1989</i>									
CHEMICALS ADDED													
AMT.	TYPE	AMT.											

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR-EL-P COMB-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
	DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION		
	TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
	FROM	TO		<i>2/11/89</i>									
CHEMICALS ADDED													
AMT.	TYPE	AMT.											

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR-EL-P COMB-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
	DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION		
	TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
	FROM	TO											
CHEMICALS ADDED													
AMT.	TYPE	AMT.											

OPERATOR MCD & Co NORTH UP TAYLOR		LEASE TT. M. 15		WELL NO.	FIELD OR D.
CONTRACTOR S & T DRILLING (WESTERN) CO. LTD.		RIG NO. 1E	DRILL PIPE STRING NO. SIZE	TOOL JOINT O.D. TYPE THD.	PUMPS NO. MANUFACTURER TYPE STROKE LENGTH
SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S TOOL PUSHER A STACK			1.
					2.
					3.

TIME DISTRIBUTION-HOURS				NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD				MUD RECORD				FOOTAGE	
MORN	DAY	EVE			STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	WISC.-SEC	W.L.-C.C.	FLTR. CK.	PH		SD. CONT. %
					SINGLES D.P.	FT.										
					D.C.		MFG.									
					I.D. O.D.	FT.	TYPE									
					D.C.		NOZZLE NO. SIZE									
					I.D. O.D.	FT.	SER. NO.									
					STB. BODY O.D.	FT.	DEPTH OUT									
					STB. BODY O.D.	FT.	DEPTH IN									
					RMR. BODY O.D.	FT.	TOTAL FTG.									
					SUBS O.D.	FT.	TOTAL HR. RUN									
					BIT OR C.B.	FT.	COND. OF BIT									
					KELLY DOWN	FT.	REAMER NO.									
					TOTAL	FT.	REAMER TYPE									
					WT. OF STRING	LBS.										

TIME DISTRIBUTION-HOURS				NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD				MUD RECORD				FOOTAGE	
MORN	DAY	EVE			STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	WISC.-SEC	W.L.-C.C.	FLTR. CK.	PH		SD. CONT. %
					SINGLES D.P.	FT.										
					D.C.		MFG.									
					I.D. O.D.	FT.	TYPE									
					D.C.		NOZZLE NO. SIZE									
					I.D. O.D.	FT.	SER. NO.									
					STB. BODY O.D.	FT.	DEPTH OUT									
					STB. BODY O.D.	FT.	DEPTH IN									
					RMR. BODY O.D.	FT.	TOTAL FTG.									
					SUBS O.D.	FT.	TOTAL HR. RUN									
					BIT OR C.B.	FT.	COND. OF BIT									
					KELLY DOWN	FT.	REAMER NO.									
					TOTAL	FT.	REAMER TYPE									
					WT. OF STRING	LBS.										

TIME DISTRIBUTION-HOURS				NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD				MUD RECORD				FOOTAGE	
MORN	DAY	EVE			STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	WISC.-SEC	W.L.-C.C.	FLTR. CK.	PH		SD. CONT. %
					SINGLES D.P.	FT.										
					D.C.		MFG.									
					I.D. O.D.	FT.	TYPE									
					D.C.		NOZZLE NO. SIZE									
					I.D. O.D.	FT.	SER. NO.									
					STB. BODY O.D.	FT.	DEPTH OUT									
					STB. BODY O.D.	FT.	DEPTH IN									
					RMR. BODY O.D.	FT.	TOTAL FTG.									
					SUBS O.D.	FT.	TOTAL HR. RUN									
					BIT OR C.B.	FT.	COND. OF BIT									
					KELLY DOWN	FT.	REAMER NO.									
					TOTAL	FT.	REAMER TYPE									
					WT. OF STRING	LBS.										

TIME SUMMARY (OF FICE USE ONLY)			
DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
WIRE LINE RECORD			
REEL NO.			
NO. OF LINES	SIZE		
FEET SLIPPED			
FEET CUT OFF			
PRESENT LENGTH			
TON MI. OR TRIPS SINCE LAST CUT			
CUMULATIVE TON MI. OR TRIPS			
NO. OF DAYS FROM SPUD			
CUMULATIVE ROTATING HRS.			

AN 29/69

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WELL NO.	FIELD OR DIST.	COUNTY	STATE
PUMPS		SIZE	MAKE
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING TUBING OR LINER

MUD RECORD	FOOTAGE		DR. D RM. R CORE NO.	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 FT	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M. LINER SIZE	METHOD RUN SGL. S PAR. L-P COM'D-C
	FROM	TO									

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
------------------	-------	------	-----------	-------	------	-----------	-------	------	-----------

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO		
8	8	12	RIG UP RIG L.E. - TRUCKS TRAVELLING 20 HRS KAP'S TRUCK ARRIVED AT 11 ³⁰ AM WITH MUD TANK, CATWALK, PREFABES, 58 MILES ←

CHEMICALS ADDED		
AMT.	TYPE	AMT.

MUD RECORD	FOOTAGE		DR. D RM. R CORE NO.	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 FT	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M. LINER SIZE	METHOD RUN SGL. S PAR. L-P COM'D-C
	FROM	TO									

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
------------------	-------	------	-----------	-------	------	-----------	-------	------	-----------

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO		
8	8	12	PUT IN CATWALK, SPOT WATER TANK SPOT FUEL TANK, MOVE BOTH LIGHT PLANT SPOT BOILER HOUSE, AND PUMP PART HOUSE DIY CELLAR

CHEMICALS ADDED		
AMT.	TYPE	AMT.

MUD RECORD	FOOTAGE		DR. D RM. R CORE NO.	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 FT	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M. LINER SIZE	METHOD RUN SGL. S PAR. L-P COM'D-C
	FROM	TO									

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
------------------	-------	------	-----------	-------	------	-----------	-------	------	-----------

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO		

CHEMICALS ADDED		
AMT.	TYPE	AMT.

OPERATOR MCD & CO NORTHUP TAYLOR LAKE YT K-15 LEASE

CONTRACTOR S & T DRILLING (WESTERN) CO. LTD. RIG NO. 1E DRILL PIPE STRING NO. SIZE TOOL JOINT O.D. TYPE THD. PUMPS NO. MANUFACTURER TYPE STROKE LENGTH

SIGNATURE OF OPERATOR'S REPRESENTATIVE SIGNATURE OF CONTRACTOR'S TOOL PUSHER

Main data table with columns: TIME DISTRIBUTION-HOURS, DRILLING ASSEMBLY AT END OF TOUR, BIT RECORD, MUD RECORD, FOOTAGE. Includes sub-sections for MORNING TOUR, DAY TOUR, and EVENING TOUR.

DAILY DRILLING REPORT

REPORT NO. JAN 25 DATE 1967

OPERATOR McD Geo Northrup Taylor Lake Y T K-15 LEASE

WELL NO. FIELD OR DIST

CONTRACTOR S & T DRILLING (WESTERN) CO. LTD. RIG NO. 1E DRILL PIPE STRING NO. SIZE TOOL JOINT O.D. TYPE THD.

PUMPS				
NO.	MANUFACTURER	TYPE	STROKE LENGTH	
1.				
2.				
3.				

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER LB Galano

TIME DISTRIBUTION-HOURS			
	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
PAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE	
	STANDS D.P.	FT.	BIT NO.		TIME				FROM	
	SINGLES D.P.	FT.	SIZE		WEIGHT					
	D.C.		MFG.		VISC.-SEC					
	I.D. O.D.	FT.	TYPE		W.L.-C.C.					
	D.C.				FLTR. CK.					DEVIATION RECORD
	I.D. O.D.	FT.	NOZZLE NO. SIZE		PH					TIME LOG FROM
	STB. BODY O.D.	FT.	SER. NO.		SD. CONT. %					
	STB. BODY O.D.	FT.	DEPTH OUT		PRESSURE GRADIENT					
	RMR. BODY O.D.	FT.	DEPTH IN							
	SUBS O.D.	FT.	TOTAL FTG.		MUD & CHEMICALS ADDED					
	BIT OR C.B.	FT.	TOTAL HR. RUN		TYPE	AMT.	TYPE	AMT.		
	KELLY DOWN	FT.	COND. OF BIT							
	TOTAL	FT.	REAMER NO.							
	WT. OF STRING	LBS.	REAMER TYPE							

COMPLETION WORK	A. PERFORATING		
	B. TUBING TRIPS		
	C. SWABBING		
	D. TESTING		
	E. ADDITIONAL		
TOTALS			

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE	
	STANDS D.P.	FT.	BIT NO.		TIME				FROM	
	SINGLES D.P.	FT.	SIZE		WEIGHT					
	D.C.		MFG.		VISC.-SEC					
	I.D. O.D.	FT.	TYPE		W.L.-C.C.					
	D.C.				FLTR. CK.					DEVIATION RECORD
	I.D. O.D.	FT.	NOZZLE NO. SIZE		PH					TIME LOG FROM
	STB. BODY O.D.	FT.	SER. NO.		SD. CONT. %					
	STB. BODY O.D.	FT.	DEPTH OUT		PRESSURE GRADIENT					
	RMR. BODY O.D.	FT.	DEPTH IN							
	SUBS O.D.	FT.	TOTAL FTG.		MUD & CHEMICALS ADDED					
	BIT OR C.B.	FT.	TOTAL HR. RUN		TYPE	AMT.	TYPE	AMT.		
	KELLY DOWN	FT.	COND. OF BIT							
	TOTAL	FT.	REAMER NO.							
	WT. OF STRING	LBS.	REAMER TYPE							

TIME SUMMARY (OFFICE USE ONLY)			
DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE	
	STANDS D.P.	FT.	BIT NO.		TIME				FROM	
	SINGLES D.P.	FT.	SIZE		WEIGHT					
	D.C.		MFG.		VISC.-SEC					
	I.D. O.D.	FT.	TYPE		W.L.-C.C.					
	D.C.				FLTR. CK					DEVIATION RECORD
	I.D. O.D.	FT.	NOZZLE NO. SIZE		PH					TIME LOG FROM
	STB. BODY O.D.	FT.	SER. NO.		SD. CONT. %					
	STB. BODY O.D.	FT.	DEPTH OUT		PRESSURE GRADIENT					
	RMR. BODY O.D.	FT.	DEPTH IN							
	SUBS O.D.	FT.	TOTAL FTG.		MUD & CHEMICALS ADDED					
	BIT OR C.B.	FT.	TOTAL HR. RUN		TYPE	AMT.	TYPE	AMT.		
	KELLY DOWN	FT.	COND. OF BIT							
	TOTAL	FT.	REAMER NO.							
	WT. OF STRING	LBS.	REAMER TYPE							

WIRE LINE RECORD	
REEL NO.	
NO. OF LINES	SIZE
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

24 1969

WELL NO.		FIELD OR DIST.		COUNTY		STATE					
PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RCA TO CSG. HD.	SET AT	QUANTITY
MANUFACTURER	TYPE	STROKE LENGTH									

MUD RECORD	FOOTAGE		DR. D RM. R CORE...C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGE...S PART...P COM...C
DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			
TIME LOG		FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
					PLANE ARRIVED @ 2 ⁰⁰ AM w/ FIRST LOAD OF FUEL TRUCK ARRIVED @ 4 ⁰⁰ AM w/ SUPPLY SHACK HALF OF DEARRICK, MATTING, B.O.P. - AT LAID MATTING, SET ON SECTIONS OF SUB. TRUCKS LEFT @ 9 ⁰⁰ AM. UNLOAD FUEL FROM D.C.T.								
D & CHEMICALS ADDED			AMT.	TYPE	AMT.								

MUD RECORD	FOOTAGE		DR. D RM. R CORE...C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGE...S PART...P COM...C
DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			
TIME LOG		FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
D & CHEMICALS ADDED			AMT.	TYPE	AMT.								

MUD RECORD	FOOTAGE		DR. D RM. R CORE...C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGE...S PART...P COM...C
DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			
TIME LOG		FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
D & CHEMICALS ADDED			AMT.	TYPE	AMT.								

DAILY DRILLING REPORT

REPORT NO.

DATE *Jan 23 1968*

OPERATOR

LEASE

WELL NO.

FIELD OR DIST.

M. G. Co North 240 Taylor St. Y.T. 4-15

CONTRACTOR

RIG NO.

DRILL PIPE STRING

TOOL JOINT

O.D.

PUMPS

S & T DRILLING (WESTERN) CO. LTD.

15

NO. SIZE

TYPE THD.

NO.

MANUFACTURER

TYPE

STROKE LENGTH

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER

B. Salenza

1.
2.
3.

TIME DISTRIBUTION-HOURS			
	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
LOGGING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE	
	STANDS D.P.	FT.	BIT NO.		TIME				FROM	
	SINGLES D.P.	FT.	SIZE		WEIGHT					
	D.C.		MFG.		VISC.-SEC					
	I.D. O.D.	FT.	TYPE		W.L.-C.C.					
	D.C.		NOZZLE NO.		FLTR. CK.					DEVIATION RECORD
	I.D. O.D.	FT.	NOZZLE SIZE		PH					TIME LOG
	STB. BODY O.D.	FT.	SER. NO.		SD. CONT. %					FROM
	STB. BODY O.D.	FT.	DEPTH OUT		PRESSURE GRADIENT					
	RMR. BODY O.D.	FT.	DEPTH IN							
	SUBS O.D.	FT.	TOTAL FTG.		MUD & CHEMICALS ADDED					
	BIT OR C.B.	FT.	TOTAL HR. RUN		TYPE	AMT.	TYPE	AMT.		
		FT.	COND. OF BIT							
	KELLY DOWN	FT.	REAMER NO.							
	TOTAL	FT.	REAMER TYPE							
	WT. OF STRING	LBS.								

COMPLETION WORK			
A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE	
	STANDS D.P.	FT.	BIT NO.		TIME				FROM	
	SINGLES D.P.	FT.	SIZE		WEIGHT					
	D.C.		MFG.		VISC.-SEC					
	I.D. O.D.	FT.	TYPE		W.L.-C.C.					
	D.C.		NOZZLE NO.		FLTR. CK.					DEVIATION RECORD
	I.D. O.D.	FT.	NOZZLE SIZE		PH					TIME LOG
	STB. BODY O.D.	FT.	SER. NO.		SD. CONT. %					FROM
	STB. BODY O.D.	FT.	DEPTH OUT		PRESSURE GRADIENT					
	RMR. BODY O.D.	FT.	DEPTH IN							
	SUBS O.D.	FT.	TOTAL FTG.		MUD & CHEMICALS ADDED					
	BIT OR C.B.	FT.	TOTAL HR. RUN		TYPE	AMT.	TYPE	AMT.		
		FT.	COND. OF BIT							
	KELLY DOWN	FT.	REAMER NO.							
	TOTAL	FT.	REAMER TYPE							
	WT. OF STRING	LBS.								

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE	
	STANDS D.P.	FT.	BIT NO.		TIME				FROM	
	SINGLES D.P.	FT.	SIZE		WEIGHT					
	D.C.		MFG.		VISC.-SEC					
	I.D. O.D.	FT.	TYPE		W.L.-C.C.					
	D.C.		NOZZLE NO.		FLTR. CK.					DEVIATION RECORD
	I.D. O.D.	FT.	NOZZLE SIZE		PH					TIME LOG
	STB. BODY O.D.	FT.	SER. NO.		SD. CONT. %					FROM
	STB. BODY O.D.	FT.	DEPTH OUT		PRESSURE GRADIENT					
	RMR. BODY O.D.	FT.	DEPTH IN							
	SUBS O.D.	FT.	TOTAL FTG.		MUD & CHEMICALS ADDED					
	BIT OR C.B.	FT.	TOTAL HR. RUN		TYPE	AMT.	TYPE	AMT.		
		FT.	COND. OF BIT							
	KELLY DOWN	FT.	REAMER NO.							
	TOTAL	FT.	REAMER TYPE							
	WT. OF STRING	LBS.								

TOTAL DAY WORK

WIRE LINE RECORD	
REEL NO.	
NO. OF LINES	SIZE
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

13.11.69

WELL NO.		FIELD OR DIST.			COUNTY			STATE		
PUMPS		LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE		STROKE LENGTH							

RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.	METHOD RUN			
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SOLE - PARALLEL - COM'D.C		
	TIME LOG FROM TO		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS											
5:00		5:30		12	Cut Logs For Rig Landed Injector From DCH + 100 yds of Fuel Clean out Pot House Set LP 2 WAPLES										
CHEMICALS ADDED AMT. TYPE		AMT.													
			CHANGED Oil in 72 LUBRICANT												

D RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.	METHOD RUN	
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SOLE - PARALLEL - COM'D.C
	TIME LOG FROM TO		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
CHEMICALS ADDED AMT. TYPE		AMT.											

D RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.	METHOD RUN	
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SOLE - PARALLEL - COM'D.C
	TIME LOG FROM TO		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
CHEMICALS ADDED AMT. TYPE		AMT.											

JAN 23/69

15

WELL NO.		FIELD OR DIST.			COUNTY			STATE			
PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.	METHOD RUN	
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PAR-EL-P COM-D-G
	DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION		
	TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
D & CHEMICALS ADDED													
AMT.	TYPE	AMT.	TRUCKS ARRIVED 400PM WELD ON DRAG HEAT & STRETCH OUT WHALES WORK ON LIGHT PLANTS 2 LOADS 1 SUB & TOOL & DRAG HOUSE RIG UP TO UNLOAD FUEL										

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.	METHOD RUN	
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PAR-EL-P COM-D-G
	DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION		
	TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
D & CHEMICALS ADDED													
AMT.	TYPE	AMT.											

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.	METHOD RUN	
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PAR-EL-P COM-D-G
	DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION		
	TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
D & CHEMICALS ADDED													
AMT.	TYPE	AMT.											

DAILY DRILLING REPORT

REPORT NO.

DATE Jan 21 1969

OPERATOR *McDeermott North Up Taylor Lake Y.T. K-15*

WELL NO. FIELD OR DIST.

CONTRACTOR **S & T DRILLING (WESTERN) CO. LTD.**

RIG NO. *1E*

DRILL PIPE STRING

TOOL JOINT O.D.

PUMPS

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER *[Signature]*

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.			
2.			
3.			

TIME DISTRIBUTION-HOURS			
	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
WIRING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK			
A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
REMARKS			
TIME SUMMARY (OFFICE USE ONLY)			
DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE		
	STANDS D.P.	FT.	BIT NO.		TIME				FROM	TO	
	SINGLES D.P.	FT.	SIZE		WEIGHT						
	D.C.		MFG.		VISC.-SEC						
	I.D. O.D.	FT.	TYPE		W.L.-C.C.						
	D.C.		NOZZLE	NO.	FL TR. CK.						
	I.D. O.D.	FT.	NOZZLE	SIZE	PH						
	STB. BODY O.D.	FT.	SER. NO.		SD. CON. %						
	STB. BODY O.D.	FT.	DEPTH OUT		PRESSURE GRADIENT						
	RMR. BODY O.D.	FT.	DEPTH IN								
	SUBS O.D.	FT.	TOTAL FTG.		MUD & CHEMICALS ADDED						
	BIT OR C.B.	FT.	TOTAL HR. RUN		TYPE	AMT.	TYPE	AMT.			
	KELLY DOWN	FT.	COND. OF BIT								
	TOTAL	FT.	REAMER NO.								
	WT. OF STRING	LBS.	REAMER TYPE								

TIME DISTRIBUTION-HOURS			
	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
WIRING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK			
A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
REMARKS			
TIME SUMMARY (OFFICE USE ONLY)			
DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE		
	STANDS D.P.	FT.	BIT NO.		TIME				FROM	TO	
	SINGLES D.P.	FT.	SIZE		WEIGHT						
	D.C.		MFG.		VISC.-SEC						
	I.D. O.D.	FT.	TYPE		W.L.-C.C.						
	D.C.		NOZZLE	NO.	FL TR. CK.						
	I.D. O.D.	FT.	NOZZLE	SIZE	PH						
	STB. BODY O.D.	FT.	SER. NO.		SD. CON. %						
	STB. BODY O.D.	FT.	DEPTH OUT		PRESSURE GRADIENT						
	RMR. BODY O.D.	FT.	DEPTH IN								
	SUBS O.D.	FT.	TOTAL FTG.		MUD & CHEMICALS ADDED						
	BIT OR C.B.	FT.	TOTAL HR. RUN		TYPE	AMT.	TYPE	AMT.			
	KELLY DOWN	FT.	COND. OF BIT								
	TOTAL	FT.	REAMER NO.								
	WT. OF STRING	LBS.	REAMER TYPE								

TIME DISTRIBUTION-HOURS			
	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
WIRING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK			
A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
REMARKS			
TIME SUMMARY (OFFICE USE ONLY)			
DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE		
	STANDS D.P.	FT.	BIT NO.		TIME				FROM	TO	
	SINGLES D.P.	FT.	SIZE		WEIGHT						
	D.C.		MFG.		VISC.-SEC						
	I.D. O.D.	FT.	TYPE		W.L.-C.C.						
	D.C.		NOZZLE	NO.	FL TR. CK.						
	I.D. O.D.	FT.	NOZZLE	SIZE	PH						
	STB. BODY O.D.	FT.	SER. NO.		SD. CON. %						
	STB. BODY O.D.	FT.	DEPTH OUT		PRESSURE GRADIENT						
	RMR. BODY O.D.	FT.	DEPTH IN								
	SUBS O.D.	FT.	TOTAL FTG.		MUD & CHEMICALS ADDED						
	BIT OR C.B.	FT.	TOTAL HR. RUN		TYPE	AMT.	TYPE	AMT.			
	KELLY DOWN	FT.	COND. OF BIT								
	TOTAL	FT.	REAMER NO.								
	WT. OF STRING	LBS.	REAMER TYPE								

WIRE LINE RECORD	
REEL NO.	
NO. OF LINES	SIZE
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

21969

WELL NO.		FIELD OR DIST.				COUNTY				STATE	
PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									

UD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)				ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SOL-S PARLE-P COM'D-C
	FROM	TO			LINER SIZE	S.P.M.	LINER SIZE	S.P.M.								
	DEVIATION RECORD				DEPTH	DEV.	DIRECTION	DEPTH				DEV.	DIRECTION	DEPTH	DEV.	
TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS													
FROM	TO		TRUCKS ARRIVED 4 AM WITH REAR SLEEPER FINISH SETTING UP CAMP SPOT 12" GAL TANK DIG. CAMP SUMP CLEAN UP CAMP USED WELDER TO BUILD DRAG													
CHEMICALS ADDED																
AMT.	TYPE	AMT.														

UD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)				ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SOL-S PARLE-P COM'D-C
	FROM	TO			LINER SIZE	S.P.M.	LINER SIZE	S.P.M.								
	DEVIATION RECORD				DEPTH	DEV.	DIRECTION	DEPTH				DEV.	DIRECTION	DEPTH	DEV.	
TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS													
FROM	TO															
CHEMICALS ADDED																
AMT.	TYPE	AMT.														

UD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)				ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SOL-S PARLE-P COM'D-C
	FROM	TO			LINER SIZE	S.P.M.	LINER SIZE	S.P.M.								
	DEVIATION RECORD				DEPTH	DEV.	DIRECTION	DEPTH				DEV.	DIRECTION	DEPTH	DEV.	
TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS													
FROM	TO															
CHEMICALS ADDED																
AMT.	TYPE	AMT.														

20169

WELL NO. FIELD OR DIST. COUNTY STATE

PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									

RECORD	FOOTAGE		DR..D RM..R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL..S PAR..EL..P COM'D..C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

SPOTTED & STARTED LIGHT PLANT.
 RIG UP CAMP AS MUCH AS POSSIBLE STILL
 WAITING FOR ONE MORE SLEEP CABIN &
 NEED TRUCK TO UNLOAD ENGINEER QUARTER
 FROM SLEIGH AND SPOT W/ CAMP. CLEANED
 UP CAMP. STRUNG ABBSTRAIP LIGHTS.

CHEMICALS ADDED	TYPE	AMT.

CHEMICALS ADDED	TYPE	AMT.

RECORD	FOOTAGE		DR..D RM..R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL..S PAR..EL..P COM'D..C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

CHEMICALS ADDED	TYPE	AMT.

CHEMICALS ADDED	TYPE	AMT.

RECORD	FOOTAGE		DR..D RM..R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL..S PAR..EL..P COM'D..C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

CHEMICALS ADDED	TYPE	AMT.

OPERATOR McDERMOTT NORTHUP TAYLOR LKE YT K-15 LEASE

CONTRACTOR S & T DRILLING (WESTERN) CO. LTD. RIG NO. IE DRILL PIPE STRING NO. SIZE TOOL JOINT O.D. TYPE THD. PUMPS NO. MANUFACTURER TYPE STROKE LENGTH

SIGNATURE OF OPERATOR'S REPRESENTATIVE SIGNATURE OF CONTRACTOR'S TOOL PUSHER

TIME DISTRIBUTION-HOURS table with columns for MORN, DAY, EYE and rows for RIG UP & TEAR DOWN, DRILLING ACTUAL, REAMING, etc.

MORNING TOUR table with columns for NO., DRILLING ASSEMBLY, BIT RECORD, MUD RECORD, FOOTAGE

DAY TOUR table with columns for NO., DRILLING ASSEMBLY, BIT RECORD, MUD RECORD, FOOTAGE

EVENING TOUR table with columns for NO., DRILLING ASSEMBLY, BIT RECORD, MUD RECORD, FOOTAGE

WIRE LINE RECORD table with columns for REEL NO., NO. OF LINES, SIZE, FEET SLIPPED, etc.

2-19/69
15

WELL NO.	FIELD OR DIST.	COUNTY	STATE						
PUMPS		SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING TUBING OR LINER						

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PAR-EL-P COM-D-S
	DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION		
TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS										
FROM		TO	TRUCK ARRIVED 3 PM RIG UP CAMP UNLOAD TRUCKS TRUCKS LEFT 1230 AM TO ARTIC BED										
CHEMICALS ADDED													
AMT.	TYPE	AMT.											

Amstrong

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PAR-EL-P COM-D-S
	DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION		
TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS										
FROM		TO											
CHEMICALS ADDED													
AMT.	TYPE	AMT.											

Lawrence

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PAR-EL-P COM-D-S
	DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION		
TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS										
FROM		TO											
CHEMICALS ADDED													
AMT.	TYPE	AMT.											

OPERATOR MCD G.CO NORTHOP TAYLOR LAKE		LEASE YT K-15		WELL NO.	FIELD OR DIST.
CONTRACTOR S & T DRILLING (WESTERN) CO. LTD.		RIG NO. 1E	DRILL PIPE STRING NO. SIZE	TOOL JOINT O.D. TYPE THD.	PUMPS NO. MANUFACTURER TYPE STROKE LENGTH
SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>[Signature]</i>			1.
					2.
					3.

TIME DISTRIBUTION-HOURS				NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD				MUD RECORD				FOOTAGE	
MORN	DAY	EVE			STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	W.L.-C.C.	FLTR. CK.	PH	SD. CONT. %	FROM	TO
					SINGLES D.P.	FT.	MFG.		VISC.-SEC							
					D.C.		NOZZLE	NO.								
					I.D. O.D.	FT.	SIZE									
					D.C.		SER. NO.									
					I.D. O.D.	FT.	DEPTH OUT									
					STB. BODY	O.D. FT.	DEPTH IN									
					STB. BODY	O.D. FT.	TOTAL FTG.									
					RMR. BODY	O.D. FT.	TOTAL HR. RUN									
					SUBS	O.D. FT.	COND. OF BIT									
					BIT OR C.B.	FT.	REAMER NO.									
					KELLY DOWN	FT.	REAMER TYPE									
					TOTAL	FT.										
					WT. OF STRING	LBS.										

TIME DISTRIBUTION-HOURS				NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD				MUD RECORD				FOOTAGE	
MORN	DAY	EVE			STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	W.L.-C.C.	FLTR. CK.	PH	SD. CONT. %	FROM	TO
					SINGLES D.P.	FT.	MFG.		VISC.-SEC							
					D.C.		NOZZLE	NO.								
					I.D. O.D.	FT.	SIZE									
					D.C.		SER. NO.									
					I.D. O.D.	FT.	DEPTH OUT									
					STB. BODY	O.D. FT.	DEPTH IN									
					STB. BODY	O.D. FT.	TOTAL FTG.									
					RMR. BODY	O.D. FT.	TOTAL HR. RUN									
					SUBS	O.D. FT.	COND. OF BIT									
					BIT OR C.B.	FT.	REAMER NO.									
					KELLY DOWN	FT.	REAMER TYPE									
					TOTAL	FT.										
					WT. OF STRING	LBS.										

TIME DISTRIBUTION-HOURS				NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD				MUD RECORD				FOOTAGE	
MORN	DAY	EVE			STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	W.L.-C.C.	FLTR. CK.	PH	SD. CONT. %	FROM	TO
					SINGLES D.P.	FT.	MFG.		VISC.-SEC							
					D.C.		NOZZLE	NO.								
					I.D. O.D.	FT.	SIZE									
					D.C.		SER. NO.									
					I.D. O.D.	FT.	DEPTH OUT									
					STB. BODY	O.D. FT.	DEPTH IN									
					STB. BODY	O.D. FT.	TOTAL FTG.									
					RMR. BODY	O.D. FT.	TOTAL HR. RUN									
					SUBS	O.D. FT.	COND. OF BIT									
					BIT OR C.B.	FT.	REAMER NO.									
					KELLY DOWN	FT.	REAMER TYPE									
					TOTAL	FT.										
					WT. OF STRING	LBS.										

TOTAL DAY WORK		WIRE LINE RECORD	
REEL NO.	NO. OF LINES	SIZE	FEET SLIPPED
FEET CUT OFF	PRESENT LENGTH	TON MI. OR TRIPS SINCE LAST CUT	CUMULATIVE TON MI. OR TRIPS
NO. OF DAYS FROM SPUD	CUMULATIVE ROTATING HRS.		

Jan 18/69
5

WELL NO.		FIELD OR DIST.			COUNTY			STATE			
PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									

MUD RECORD	FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)			ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL. S PAR. EL. P COMB. C
	FROM	TO			LINER SIZE	S.P.M.	LINER SIZE				S.P.M.				
	DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION				
	TIME LOG FROM TO		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS											

TRUCK ON WAY BACK WITH CAMP

MUD RECORD	FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)			ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL. S PAR. EL. P COMB. C
	FROM	TO			LINER SIZE	S.P.M.	LINER SIZE				S.P.M.				
	DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION				
	TIME LOG FROM TO		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS											

MUD RECORD	FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)			ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL. S PAR. EL. P COMB. C
	FROM	TO			LINER SIZE	S.P.M.	LINER SIZE				S.P.M.				
	DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION				
	TIME LOG FROM TO		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS											

CHEMICALS ADDED		
AMT.	TYPE	AMT.

W 19/69

WELL NO.	FIELD OR DIST.	COUNTY	STATE								
PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									

D RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR-P COM-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION				
TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS										
FROM	TO												
													<i>Moving Camp To Lease</i>
													PREPARE
CHEMICALS ADDED													
WT.	TYPE	AMT.											

Armstrong

D RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR-P COM-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION				
TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS										
FROM	TO												
CHEMICALS ADDED													
WT.	TYPE	AMT.											

Asurman

D RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR-P COM-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION				
TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS										
FROM	TO												
CHEMICALS ADDED													
WT.	TYPE	AMT.											

Jan 16/69

WELL NO.	FIELD OR DIST.	COUNTY	STATE						
PUMPS		SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RMB. TO C&G. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING TUBING OR LINER						

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PART-L-P COMD-C
	DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION		
	TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
			TRUCKS COME TO LEASE 1230 PM UNLOADED & LEFT FOR BASE CAMP										
& CHEMICALS ADDED													
AMT.	TYPE	AMT.											

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PART-L-P COMD-C
	DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION		
	TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
& CHEMICALS ADDED													
AMT.	TYPE	AMT.											

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PART-L-P COMD-C
	DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION		
	TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
& CHEMICALS ADDED													
AMT.	TYPE	AMT.											

OPERATOR <p style="font-size: 1.2em; font-family: cursive;">J. RAY McDERMOTT</p>	LEASE <p style="font-size: 1.2em; font-family: cursive;">TAYLOR LAKE</p>		WELL NO.	FIELD OR DIST.
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CONTRACTOR <p style="font-size: 1.2em; font-family: cursive;">S & T DRILLING (WESTERN) CO. LTD.</p>	RIG NO. <p style="font-size: 1.2em; font-family: cursive;">1E</p>	DRILL PIPE STRING NO. SIZE TYPE THD.	TOOL JOINT O.D.	PUMPS <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:5%;">NO.</th> <th style="width:60%;">MANUFACTURER</th> <th style="width:15%;">TYPE</th> <th style="width:20%;">STROKE LENGTH</th> </tr> <tr><td>1.</td><td></td><td></td><td></td></tr> <tr><td>2.</td><td></td><td></td><td></td></tr> <tr><td>3.</td><td></td><td></td><td></td></tr> </table>	NO.	MANUFACTURER	TYPE	STROKE LENGTH	1.				2.				3.			
NO.	MANUFACTURER	TYPE	STROKE LENGTH																	
1.																				
2.																				
3.																				
SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <p style="font-size: 1.2em; font-family: cursive;">A. B. Galema</p>																		

TIME DISTRIBUTION-HOURS				MORNING TOUR	DRILLING ASSEMBLY AT END OF TOUR			BIT RECORD				MUD RECORD				FOOTAGE	
MORN	DAY	EVE			NO.	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT				FROM	TO	
RIG UP & TEAR DOWN					SINGLES D.P.	FT.	MFG.		VISC.-SEC								
DRILLING ACTUAL					D.C.				W.L.-C.C.								
REAMING					I.D. O.D.	FT.	TYPE		FLTR. CK.								
CONDITIONING MUD & CIRCULATING					D.C.		NOZZLE	NO.	PH								
TRIPS					I.D. O.D.	FT.	SIZE		SD. CONT. %								
LUBRICATE RIG					STB. BODY	O.D.	FT.	SER. NO.	PRESSURE GRADIENT								
DEVIATION SURVEY					STB. BODY	O.D.	FT.	DEPTH OUT									
TEST B.O.P.					RMR. BODY	O.D.	FT.	DEPTH IN									
CUT OFF DRILLING LINE					SUBS	O.D.	FT.	TOTAL FTG.	MUD & CHEMICALS ADDED								
REPAIR RIG								TOTAL HR. RUN	TYPE	AMT.	TYPE	AMT.					
CORING					BIT OR C.B.	FT.		COND. OF BIT									
WIRE LINE LOGGING								REAMER NO.									
RUNNING CASING & CEMENTING								REAMER TYPE									
WAITING ON CEMENT					WT. OF STRING	LBS.			DRILLER								

TIME DISTRIBUTION-HOURS				DAY TOUR	DRILLING ASSEMBLY AT END OF TOUR			BIT RECORD				MUD RECORD				FOOTAGE	
MORN	DAY	EVE			NO.	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT				FROM	TO	
DRILL STEM TEST					SINGLES D.P.	FT.	MFG.		VISC.-SEC								
OTHER					D.C.				W.L.-C.C.								
FISHING					I.D. O.D.	FT.	TYPE		FLTR. CK.								
COMPLETION WORK	A. PERFORATING				D.C.		NOZZLE	NO.	PH								
	B. TUBING TRIPS				I.D. O.D.	FT.	SIZE		SD. CONT. %								
	C. SWABBING				STB. BODY	O.D.	FT.	SER. NO.	PRESSURE GRADIENT								
	D. TESTING				STB. BODY	O.D.	FT.	DEPTH OUT									
	E. ADDITIONAL				RMR. BODY	O.D.	FT.	DEPTH IN									
TOTALS					SUBS	O.D.	FT.	TOTAL FTG.	MUD & CHEMICALS ADDED								
					BIT OR C.B.	FT.		TOTAL HR. RUN	TYPE	AMT.	TYPE	AMT.					
								COND. OF BIT									
								REAMER NO.									
					WT. OF STRING	LBS.		REAMER TYPE									

TIME DISTRIBUTION-HOURS				EVENING TOUR	DRILLING ASSEMBLY AT END OF TOUR			BIT RECORD				MUD RECORD				FOOTAGE	
MORN	DAY	EVE			NO.	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT				FROM	TO	
					SINGLES D.P.	FT.	MFG.		VISC.-SEC								
					D.C.				W.L.-C.C.								
					I.D. O.D.	FT.	TYPE		FLTR. CK								
					D.C.		NOZZLE	NO.	PH								
					I.D. O.D.	FT.	SIZE		SD. CONT. %								
					STB. BODY	O.D.	FT.	SER. NO.	PRESSURE GRADIENT								
					STB. BODY	O.D.	FT.	DEPTH OUT									
					RMR. BODY	O.D.	FT.	DEPTH IN									
					SUBS	O.D.	FT.	TOTAL FTG.	MUD & CHEMICALS ADDED								
					BIT OR C.B.	FT.		TOTAL HR. RUN	TYPE	AMT.	TYPE	AMT.					
								COND. OF BIT									
								REAMER NO.									
					WT. OF STRING	LBS.		REAMER TYPE									

WIRE LINE RECORD	
REEL NO.	
NO. OF LINES	SIZE
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

220651969

WELL NO.		FIELD OR DIST.			COUNTY				STATE		
PUMPS		LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS	
MANUFACTURER	TYPE		STROKE LENGTH								

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)			ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SOL-S PAR-EL-P COM-D-E										
	FROM	TO			LINER SIZE	S.P.M.	LINER SIZE				S.P.M.														
	DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION														
	TIME LOG		FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS																			
															<i>WAIT ON TRUCK TO LOAD CAMP</i>										
CHEMICALS ADDED																									
AMT.	TYPE	AMT.																							

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)			ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SOL-S PAR-EL-P COM-D-E
	FROM	TO			LINER SIZE	S.P.M.	LINER SIZE				S.P.M.				
	DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION				
	TIME LOG		FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
CHEMICALS ADDED															
AMT.	TYPE	AMT.													

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)			ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SOL-S PAR-EL-P COM-D-E
	FROM	TO			LINER SIZE	S.P.M.	LINER SIZE				S.P.M.				
	DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION				
	TIME LOG		FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
CHEMICALS ADDED															
AMT.	TYPE	AMT.													

OPERATOR J. RAY McDERMOTT		LEASE TAYLOR LAKE		WELL NO.	FIELD OR DIS.
CONTRACTOR S & T DRILLING (WESTERN) CO. LTD.		RIG NO. 1E	DRILL PIPE STRING NO. SIZE	TOOL JOINT O.D. TYPE THD.	PUMPS NO. MANUFACTURER TYPE STROKE LENGTH
SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>[Signature]</i>			1.
					2.
					3.

TIME DISTRIBUTION-HOURS			
	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST S.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE					
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FLTR. CK.	PH	SD. CONT. %	PRESSURE GRADIENT	DEVIATION RECORD	TIME LOG FROM
	SINGLES D.P.	FT.	MFG.											
	D.C.													
	I.D. O.D.	FT.	NOZZLE	NO. SIZE										
	D.C.													
	STB. BODY O.D.	FT.	SER. NO.											
	STB. BODY O.D.	FT.	DEPTH OUT											
	RMR. BODY O.D.	FT.	DEPTH IN											
	SUBS O.D.	FT.	TOTAL FTG.											
	BIT OR C.B.	FT.	TOTAL HR. RUN											
	KELLY DOWN	FT.	COND. OF BIT											
	TOTAL	FT.	REAMER NO.											
	WT. OF STRING	LBS.	REAMER TYPE											

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE					
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FLTR. CK.	PH	SD. CONT. %	PRESSURE GRADIENT	DEVIATION RECORD	TIME LOG FROM
	SINGLES D.P.	FT.	MFG.											
	D.C.													
	I.D. O.D.	FT.	NOZZLE	NO. SIZE										
	D.C.													
	STB. BODY O.D.	FT.	SER. NO.											
	STB. BODY O.D.	FT.	DEPTH OUT											
	RMR. BODY O.D.	FT.	DEPTH IN											
	SUBS O.D.	FT.	TOTAL FTG.											
	BIT OR C.B.	FT.	TOTAL HR. RUN											
	KELLY DOWN	FT.	COND. OF BIT											
	TOTAL	FT.	REAMER NO.											
	WT. OF STRING	LBS.	REAMER TYPE											

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE					
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FLTR. CK.	PH	SD. CONT. %	PRESSURE GRADIENT	DEVIATION RECORD	TIME LOG FROM
	SINGLES D.P.	FT.	MFG.											
	D.C.													
	I.D. O.D.	FT.	NOZZLE	NO. SIZE										
	D.C.													
	STB. BODY O.D.	FT.	SER. NO.											
	STB. BODY O.D.	FT.	DEPTH OUT											
	RMR. BODY O.D.	FT.	DEPTH IN											
	SUBS O.D.	FT.	TOTAL FTG.											
	BIT OR C.B.	FT.	TOTAL HR. RUN											
	KELLY DOWN	FT.	COND. OF BIT											
	TOTAL	FT.	REAMER NO.											
	WT. OF STRING	LBS.	REAMER TYPE											

TIME SUMMARY (OFFICE USE ONLY)			
DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD				FOOTAGE					
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FLTR. CK.	PH	SD. CONT. %	PRESSURE GRADIENT	DEVIATION RECORD	TIME LOG FROM
	SINGLES D.P.	FT.	MFG.											
	D.C.													
	I.D. O.D.	FT.	NOZZLE	NO. SIZE										
	D.C.													
	STB. BODY O.D.	FT.	SER. NO.											
	STB. BODY O.D.	FT.	DEPTH OUT											
	RMR. BODY O.D.	FT.	DEPTH IN											
	SUBS O.D.	FT.	TOTAL FTG.											
	BIT OR C.B.	FT.	TOTAL HR. RUN											
	KELLY DOWN	FT.	COND. OF BIT											
	TOTAL	FT.	REAMER NO.											
	WT. OF STRING	LBS.	REAMER TYPE											

WIRE LINE RECORD	
REEL NO.	
NO. OF LINES	SIZE
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

AN 14/69

WELL NO.		FIELD OR DIST.			COUNTY				STATE		
PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR-EL-P COM-D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
	DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION		
	TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
FROM		TO	WAIT ON TRUCKS TO LOAD (2000)										
CHEMICALS ADDED													
AMT.	TYPE	AMT.											

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR-EL-P COM-D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
	DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION		
	TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
FROM		TO											
CHEMICALS ADDED													
AMT.	TYPE	AMT.											

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR-EL-P COM-D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
	DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION		
	TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
FROM		TO											
CHEMICALS ADDED													
AMT.	TYPE	AMT.											

AN 13/69

WELL NO.		FIELD OR DIST.			COUNTY			STATE			
PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.	METHOD RUN SGL-S PAR-EL-P COM-D-C	
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
	TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
	FROM	TO		WAIT on Trucks To move CAMP									
& CHEMICALS ADDED													
AMT.	TYPE	AMT.											

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.	METHOD RUN SGL-S PAR-EL-P COM-D-C	
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
	TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
	FROM	TO											
& CHEMICALS ADDED													
AMT.	TYPE	AMT.											

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.	METHOD RUN SGL-S PAR-EL-P COM-D-C	
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
	TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
	FROM	TO											
& CHEMICALS ADDED													
AMT.	TYPE	AMT.											

Jan 12/64

WELL NO.		FIELD OR DIST.			COUNTY			STATE			
PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR-EL-P COM-D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
	DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION		
	TIME LOG FROM TO		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
			TRUCKS DRIFTED IN WAIT ON TRUCKS TO LOAD CAMP										
CHEMICALS ADDED													
AMT.	TYPE	AMT.											

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR-EL-P COM-D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
	DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION		
	TIME LOG FROM TO		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
CHEMICALS ADDED													
AMT.	TYPE	AMT.											

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR-EL-P COM-D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
	DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION		
	TIME LOG FROM TO		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
CHEMICALS ADDED													
AMT.	TYPE	AMT.											

OPERATOR J. Ray McDERMOTT LEASE TAYLOR LAKE WELL NO. _____ FIELD OR DIS. _____

CONTRACTOR S & T DRILLING (WESTERN) CO. LTD. RIG NO. 1E DRILL PIPE STRING NO. _____ SIZE _____ TOOL JOINT O.D. _____ PUMPS NO. _____ MANUFACTURER _____ TYPE _____ STROKE LENGTH _____

SIGNATURE OF OPERATOR'S REPRESENTATIVE _____ SIGNATURE OF CONTRACTOR'S TOOL PUSHER [Signature]

TIME DISTRIBUTION-HOURS				NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD				MUD RECORD				FOOTAGE	
MORN	DAY	EVE			STANDS D.P.	FT.	BIT NO.				TIME				FROM	
RIG UP & TEAR DOWN				SINGLES D.P.	FT.	SIZE				WEIGHT						
DRILLING ACTUAL				D.C.		MFG.				VISC.-SEC						
REAMING				I.D. O.D.	FT.	TYPE				W.L.-C.C.						
CONDITIONING MUD & CIRCULATING				D.C.		NOZZLE	NO.	SIZE		FLTR. CK.						DEVIATION RECORD
TRIPS				I.D. O.D.	FT.											
LUBRICATE RIG				STB. BODY O.D.	FT.	SER. NO.				SD. CONT. %						TIME LOG FROM
DEVIATION SURVEY				STB. BODY O.D.	FT.	DEPTH OUT				PRESSURE GRADIENT						
TEST B.O.P.				RMR. BODY O.D.	FT.	DEPTH IN										
CUT OFF DRILLING LINE				SUBS O.D.	FT.	TOTAL FTG.				MUD & CHEMICALS ADDED						
PAIR RIG				BIT OR C.B.	FT.	TOTAL HR. RUN				TYPE	AMT.	TYPE	AMT.			
CORING						COND. OF BIT										
WIRE LINE LOGGING				KELLY DOWN	FT.	REAMER NO.										
RUNNING CASING & CEMENTING				TOTAL	FT.	REAMER TYPE										
WAITING ON CEMENT				WT. OF STRING	LBS.	DRILLER										
DRILL STEM TEST																
OTHER																
FISHING																
COMPLETION WORK	A. PERFORATING															
	B. TUBING TRIPS															
	C. SWABBING															
	D. TESTING															
	E. ADDITIONAL															
TOTALS																
TIME SUMMARY (OFFICE USE ONLY)																
DAY WORK																
HRS. W/DP																
HRS. WO/DP																
HRS. STANDBY																
TOTAL DAY WORK																
WIRE LINE RECORD																
REEL NO.																
NO. OF LINES																
SIZE																
FEET SLIPPED																
FEET CUT OFF																
PRESENT LENGTH																
TOT. MI. OR TRIPS SINCE LAST CUT																
CUMULATIVE TOT. MI. OR TRIPS																
NO. OF DAYS FROM SPUD																
CUMULATIVE ROTATING HRS.																

MORNING TOUR

DAY TOUR

EVENING TOUR

DAILY DRILLING REPORT

REPORT NO.

DATE JAN 9 1961

OPERATOR S. RAY McDERMOTT LEASE TAYLOR LAKE

WELL NO. FIELD OR DIST.

CONTRACTOR S & T DRILLING (WESTERN) CO. LTD.

RIG NO. 1E

DRILL PIPE STRING NO. SIZE

TOOL JOINT O.D. TYPE THD.

PUMPS

Table with columns: NO., MANUFACTURER, TYPE, STROKE LENGTH. Rows 1, 2, 3.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER [Signature]

TIME DISTRIBUTION-HOURS table with columns: MORN, DAY, EVE. Rows include RIG UP & TEAR DOWN, DRILLING ACTUAL, REAMING, etc.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR table with columns: NO., STANDS D.P., SINGLES D.P., D.C., I.D., O.D., FT.

BIT RECORD table with columns: BIT NO., SIZE, MFG., TYPE, NOZZLE NO., NOZZLE SIZE, SER. NO., DEPTH OUT, DEPTH IN, TOTAL FTG., TOTAL HR. RUN, COND. OF BIT, REAMER NO., REAMER TYPE

MUD RECORD table with columns: TIME, WEIGHT, VISC.-SEC, W.L.-C.C., FL. TR. CK., PH, SD. CONT. %, PRESSURE GRADIENT, MUD & CHEMICALS ADDED (TYPE, AMT.)

FOOTAGE table with columns: FROM, TO, DEVIATION RECORD, TIME LOG

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR table (Day Tour)

BIT RECORD table (Day Tour)

MUD RECORD table (Day Tour)

FOOTAGE table (Day Tour)

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR table (Evening Tour)

BIT RECORD table (Evening Tour)

MUD RECORD table (Evening Tour)

FOOTAGE table (Evening Tour)

WIRE LINE RECORD table with columns: REEL NO., NO. OF LINES, SIZE, FEET SLIPPED, FEET CUT OFF, PRESENT LENGTH, TON MI. OR TRIPS SINCE LAST CUT, CUMULATIVE TON MI. OR TRIPS, NO. OF DAYS FROM SPUD, CUMULATIVE ROTATING HRS.

JAN 9 1969

15

WELL NO.		FIELD OR DIST.		COUNTY		STATE					
PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RYD. TO CEG. HD.	SET 4T	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR'EL-P COM'D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			
TIME LOG		FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
					TRACKS ARRIVED @ 630 P.M.								
CHEMICALS ADDED													
AMT.	TYPE	AMT.											

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR'EL-P COM'D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			
TIME LOG		FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
					LOADED COCKS SLEEPER CABS SUPPLY SHACK & WATER TANK.								
CHEMICALS ADDED													
AMT.	TYPE	AMT.											

MUD RECORD	FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR'EL-P COM'D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			
TIME LOG		FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
CHEMICALS ADDED													
AMT.	TYPE	AMT.											

DAILY DRILLING REPORT

REPORT NO. JAN 6 DATE JAN 6 1969

OPERATOR J. Ray McDERMOTT		LEASE Taylor Lake		WELL NO.	FIELD OR DIST.
CONTRACTOR S & T DRILLING (WESTERN) CO. LTD.		RIG NO. 1E	DRILL PIPE STRING NO. SIZE	TOOL JOINT O.D. TYPE THD.	PUMPS NO. MANUFACTURER TYPE STROKE LENGTH
SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>U. Halenya</i>		1. 2. 3.	

TIME DISTRIBUTION-HOURS				NO.		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD				MUD RECORD				FOOTAGE	
MORN	DAY	EVE		STANDS D.P.	FT.	BIT NO.		TIME				FROM					
MORNING TOUR				SINGLES D.P.		FT.		SIZE				WEIGHT					
DRILLING ACTUAL				D.C.				MFG.				VISC.-SEC					
RE-AMING				I.D. O.D.		FT.		TYPE				W.L.-C.C.					
CONDITIONING MUD & CIRCULATING				D.C.				NOZZLE		NO.		FLTR. CK.				DEVIATION RECORD	
TRIPS				I.D. O.D.		FT.		NOZZLE		SIZE		PH				TIME LOG	
LUBRICATE RIG				STB. BODY O.D.		FT.		SER. NO.				SD. CONT. %				FROM TO	
DEVIATION SURVEY				STB. BODY O.D.		FT.		DEPTH OUT				PRESSURE GRADIENT					
TEST B.O.P.				RMR. BODY O.D.		FT.		DEPTH IN									
CUT OFF DRILLING LINE				SUBS O.D.		FT.		TOTAL FTG.				MUD & CHEMICALS ADDED					
PAIR RIG				BIT OR C.B.		FT.		TOTAL HR. RUN				TYPE AMT. TYPE AMT.					
CORING								COND. OF BIT									
WIRE LINE LOGGING				KELLY DOWN		FT.		REAMER NO.									
RUNNING CASING & CEMENTING				TOTAL		FT.		REAMER TYPE				DRILLER					
WAITING ON CEMENT				WT. OF STRING		LBS.											
DAY TOUR				SINGLES D.P.		FT.		SIZE				WEIGHT					
COMPLETION WORK				D.C.				MFG.				VISC.-SEC					
A. PERFORATING				I.D. O.D.		FT.		TYPE				W.L.-C.C.				DEVIATION RECORD	
B. TUBING TRIPS				D.C.				NOZZLE		NO.		FLTR. CK.				TIME LOG	
C. SWABBING				I.D. O.D.		FT.		NOZZLE		SIZE		PH				FROM TO	
D. TESTING				STB. BODY O.D.		FT.		SER. NO.				SD. CONT. %					
E. ADDITIONAL				STB. BODY O.D.		FT.		DEPTH OUT				PRESSURE GRADIENT					
TOTALS				RMR. BODY O.D.		FT.		DEPTH IN									
TIME SUMMARY (OFFICE USE ONLY)				SUBS O.D.		FT.		TOTAL FTG.				MUD & CHEMICALS ADDED					
DAY WORK				BIT OR C.B.		FT.		TOTAL HR. RUN				TYPE AMT. TYPE AMT.					
HRS. W/DP								COND. OF BIT									
HRS. WO/DP				KELLY DOWN		FT.		REAMER NO.									
HRS. STANDBY				TOTAL		FT.		REAMER TYPE				DRILLER					
				WT. OF STRING		LBS.											
EVENING TOUR				SINGLES D.P.		FT.		SIZE				WEIGHT					
WIRE LINE RECORD				D.C.				MFG.				VISC.-SEC					
REEL NO.				I.D. O.D.		FT.		TYPE				W.L.-C.C.				DEVIATION RECORD	
NO. OF LINES SIZE				D.C.				NOZZLE		NO.		FLTR. CK.				TIME LOG	
FEET SLIPPED				I.D. O.D.		FT.		NOZZLE		SIZE		PH				FROM TO	
FEET CUT OFF				STB. BODY O.D.		FT.		SER. NO.				SD. CONT. %					
PRESENT LENGTH				STB. BODY O.D.		FT.		DEPTH OUT				PRESSURE GRADIENT					
TON MI. OR TRIPS SINCE LAST CUT				RMR. BODY O.D.		FT.		DEPTH IN									
CUMULATIVE TON MI. OR TRIPS				SUBS O.D.		FT.		TOTAL FTG.				MUD & CHEMICALS ADDED					
NO. OF DAYS FROM SPUD				BIT OR C.B.		FT.		TOTAL HR. RUN				TYPE AMT. TYPE AMT.					
CUMULATIVE ROTATING HRS.				KELLY DOWN		FT.		COND. OF BIT									
				TOTAL		FT.		REAMER NO.				DRILLER					
				WT. OF STRING		LBS.		REAMER TYPE									

JAN 6 1969

WELL NO.		FIELD OR DIST.			COUNTY			STATE			
PUMPS		STROKE LENGTH	LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE										

MUD RECORD		FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN
		FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PAR-EL-P COM-D-C
DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	
TIME LOG		FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
					TRUCKS TRAVELING TO LEASE ARTIC RFD									
CHEMICALS ADDED		AMT.	TYPE	AMT.	24 ml									

MUD RECORD		FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN
		FROM	TO			JAN 7 1969				LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PAR-EL-P COM-D-C
DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	
TIME LOG		FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
					TRUCK ARRIVED 530 PM LOADED LOAD FUEL SAND DUST GEL & CEMENT 12" 94L TANK 2 JTS 1 3/4" PIPE 90 ml CAUSTIC									
CHEMICALS ADDED		AMT.	TYPE	AMT.	Change Oil in light plant & filter									

MUD RECORD		FOOTAGE		DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN
		FROM	TO			JAN 8 1969				LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PAR-EL-P COM-D-C
DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	
TIME LOG		FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
					TRUCK LEFT @ 6AM W/ LOADS FROM BASE CAMP									
CHEMICALS ADDED		AMT.	TYPE	AMT.										

JAN 3/69

WELL NO.		FIELD OR DIST.				COUNTY		STATE			
PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB TO CGG. HD.	SET AT	REMARKS
MANUFACTURER	TYPE	STROKE LENGTH									

MUD RECORD	FOOTAGE		DR. D RM. R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR-EL-P COM-D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			
TIME LOG		FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
					TRUCKS TRAVELING TO ARTIC RED pick up blanks clean off snow of casing & drill pipe								
					24001-								
CHEMICALS ADDED													
AMT.	TYPE	AMT.											

MUD RECORD	FOOTAGE		DR. D RM. R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR-EL-P COM-D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			
TIME LOG		FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
					JAN 4 1969 Trucks arrived @ Base Camp 4:30pm REPAIR TRUCKS								
					None								
CHEMICALS ADDED													
AMT.	TYPE	AMT.											

MUD RECORD	FOOTAGE		DR. D RM. R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL-S PAR-EL-P COM-D-C
	FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			
TIME LOG		FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
					JAN 5 1969 WORK ON TRUCK LOADED W/ 2 SLEEPERS SAW BEST HYDRAULIC SLEEPER. 2 JTS 9 3/4" CASING 3" LINE PIPE PROPER TANK & JOHN DEERE 300 GALL TANK TRUCKS BEST 1100pm								
					None								
CHEMICALS ADDED													
AMT.	TYPE	AMT.											

