

COMPANY REICHLTD ENERGY CORP.

AREA MIST NEHALEM BASIN

LOCATION 1564'S & 468'W FROM N 1/4 CORN SEC. 6, T6N, R4W NB88M

COUNTY, STATE COLUMBIA COUNTY, OREGON

LITHOLOGY SYMBOLS

□	Lead	□	Sand	□	Light	□	Dark	□	Light	□	Dark	□	Light	□	Dark	□	Light	□	Dark	□	Light	□	Dark
---	------	---	------	---	-------	---	------	---	-------	---	------	---	-------	---	------	---	-------	---	------	---	-------	---	------

REMARKS

LEGEND

MUD DATA
W WEIGHT
V VISCOSITY
F FILTRATE
FC FILTER CAKE
SD SAND IN %

OTHER DATA
CB CORE BIT
WLCB WIRE LINE CB
TO TRIP GAS
CG CONNECTION GAS
C CARBIDE GAS

CIRCULATE RETURNS
NR NO RETURN
DST DRILL STEM TEST
DST INTERVAL
CORE INTERVAL

CASING
7" TO 440'
TO

DATE 9/24/80 TO 9/29/80 DEPTH 46' TO 3711' ENGINEERS IRWIN THOMAS

DEPTH	SAMPLE LITHOLOGY	MUD ANALYSIS		CUTTINGS ANALYSIS	REMARKS
		PET. VAP.	BLENDER		
00	DRILLER'S TOTAL DEPTH 3711'				NOTE: ANGLES & DIRECTIONS ARE REAL, COORDINATES, ETC., ARE AVERAGED.
00	SILTSTN & GRAVEL, YELLOW, MEDIUM CRIST. WITH HARD BRK. OR BASALT CLASTS.				DRILLING SURFACE HOLE W/ 9 7/8" BIT
100	VERY HARD BLACK SAND, SILTSTN, V. FINE CRIST. BRK. OF BASALT.				
200	YELLOW BRN. SH. SILTSTN AND BRN. MIN. SOFT. UNRESOL. BRN. CLASTS.				W 70 V 55
250	HARD DK. GRAY WELDED VOLC. SAND. BENTONITE, PRY. CRIST. YELL. BR. SS.				
300	LIT. TO MED. GRAY WELDED VOLC. SAND. WITH CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				
350	SAND, VEN. TO MED. GRAY, WELDED VOLC. SAND. WITH CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				
400	SAND, VEN. TO MED. GRAY, WELDED VOLC. SAND. WITH CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				RAN CASING TO 440' DRILLING OUT END OF 6 1/2" BIT. 2 1/2" K.O.P.
500	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				5°00' S23W 461'S 11'W VD 461' (d=0')
600	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				6°00' S11W 461'S 31'W VD 541' (d=43')
700	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				W 68 V 40
800	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				12°00' S16W 241'S 6.5'W VD 632' (d=2')
900	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				17°00' S15W 461'S 13'W VD 720' (d=5')
1000	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				W 68 V 40
1100	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				21°00' S10W 65'S 21'W VD 838' (d=12')
1200	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				24°00' S9W 461'S 27'W VD 925' (d=19')
1300	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				25°00' S11W 461'S 22'W VD 963' (d=24')
1400	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				C=63U AT 42 VIS LAG=5 57SPM
1500	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				29°00' S12W 424'S 90'W VD 1536' (d=9.5')
1600	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				W 68 V 45 F 5.4 FC 1/32 PH 9.5 S 350 SD 3 1/2 SOL 5 %
1700	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				33°00' S12W 518'S 113'W VD 1644' (d=12.0')
1800	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				LOST 100 DBLS.
1900	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				CIRCULATING TO BUILD VOLUME.
2000	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				35°00' S12W 620'S 132'W VD 1646' (d=15.2')
2100	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				W 70 V 45
2200	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				36°30' S12W 709'S 121'W VD 1974' (d=16.1')
2300	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				C=10U AT 42 VIS LAG=9UIN 58SPM
2400	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				36°30' S14W 643'S 102'S VD 2122' (d=22.8')
2500	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				W 69 V 44 F 5.1 FC 1/32 PH 9.0 S 350 SD 3 1/2 SOL 6 %
2600	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				40°30' S15W 1032'S 231'W VD 2391' (d=29.6')
2700	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				W 66 V 45
2800	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				41°30' S17W 1150'S 264'W VD 2530' (d=34.5')
2900	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				
3000	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				
3100	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				W 70 V 44 F 5.4 FC 2/32 PH 9.0 S 350 SD 3 1/2 SOL 6 %
3200	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				46°00' S20W 1376'S 342'W VD 2772' (d=42.2')
3300	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				C=60U AT 45 VIS LAG=19MIN 77SPM
3400	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				43°00' S20W 1504'S 396'W VD 2937' (d=51.1')
3500	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				W 70 V 47 F 5.8 FC 2/32 PH 9.0 S 350 SD 3 1/2 SOL 6 %
3600	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				38°00' S16W 1376'S 445'W VD 3105' (d=56.0')
3700	SILTSTN, MED. GRAY, BRN. SOFT. TO FINE, F. CRIST. BRK. OF BASALT. BENTONITE, PRY. CRIST. YELL. BR. SS.				