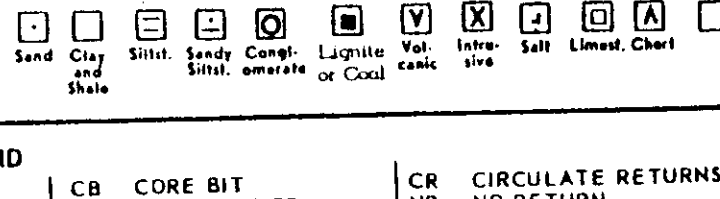


WELL CROWN ZELLERBACH 22-6 RD#2
COMPANY REICHHOLD ENERGY CORP.
AREA MIST NEHALEM BASIN
LOCATION 15E4'S & 46E'W, FROM N 3
CORN SEC. 6; T6N; R4W W8E4.
COUNTY, STATE COLUMBIA, OREGON

- W E G E -
WESTERN GEO-ENGINEERS
"A SERVICE TO THE OIL AND GAS INDUSTRY"

DEPT OF GEOLOGY
SUNNYSIDE

LITHOLOGY SYMBOLS



REMARKS

WELL ELEV. GL. 1424.0'
KB. 1425.1'
SALINITY IN PPM CL-
FILTRATE IN CC/30 MIN.
GAS TRAP AGITATOR TYPE
MUD LIGNOSULFONATE
(EARO10)
FAULT (GRAHAM) 167-1

LEGEND

MUD DATA
W WEIGHT
V VISCOSITY
F FILTRATE
FC FILTER CAKE
SD SAND IN %
S SALINITY
R RESISTIVITY
RF FILTRATE RESISTIVITY
BIT DATA
NB NEW BIT
RRB RERUN BIT
CB CORE BIT
WCB WIRE LINE CB
TG TRIP GAS
CG CONNECTION GAS
C CARBIDE GAS
CR CIRCULATE RETURNS
NR NO RETURN
DST DRILL STEM TEST
DST INTERVAL
CORE INTERVAL

DATE 10/8/80 TO 10/9/80 DEPTH 450' TO 2432' ENGINEERS THOMAS IRWIN

CASING
7" TO 440'
TO
TO

DEPTH	LITHOLOGY	OIL IN MUD or CUTTINGS Tr x Fair xx Good xxx V/Gd xxxx		REMARKS
		MUD ANALYSIS		
		TOTAL DITCH GAS	CUTTING ANALYSIS	
		PET. VAP. ---	BLENDER GAS	TOTAL GAS
		10 20 30 40 50	75 100 125 150 175	PET. VAP. ---
				25 50 75 100
450	SILTSTN, MED. GRAY GRN, FIRM, FINE, CLAY, GRN, SOFT, SCL, TAN, BRIGHT YEL. SCL, TAN, TR. TAN YOLC. TUFF.			VD 450 K.O.P. AT 450 FT. 2°30' SLOE .46'S .80'E VD 482' (D=0')
500				
550	SILTSTN, A/A, GCE SOY, CLAU. W/ MICROMICA, F.L.C.			VD 500 8°00' N70E 1'S 5'E VD 574' (D=0') 10°00' N60E .79'N 13'E VD 602' (D=1')
600	SAND, VEN TO FN, SPAN, MICA, SBND TO HND YALC, VOLC. GRN SOFT, SOL CLAY, BLYBN, GRN TUFF, FRI.			VD 550 # 66 V 42
650	SILTSTN, MED. GRAY, FIRM, FINE, CLAY, GRN, SOFT, SCL, TAN, BRIGHT YEL. SCL, TAN, TR. TAN YOLC. TUFF.			VD 600 10°00' N23E 12'N 23'E VD 634' (D=2')
700	SILTSTN, MED. GRAY GRN, FIRM, FINE, CLAY, GRN, SOFT, SCL, TAN, BRIGHT YEL. SCL, TAN, TR. TAN YOLC. TUFF.			VD 700 9°00' N10W 27'N 27'E VD 765' (D=3')
750	AS ABOVE.			
800	SILTSTN, MED. GRAY GRN, FIRM, FINE, CLAY, GRN, SOFT, SCL, TAN, BRIGHT YEL. SCL, TAN, TR. TAN YOLC. TUFF.			VD 800 9°30' N6W 42'N 25'E VD 876' (D=5')
850	SILTSTN, MED. GRAY GRN, FIRM, FINE, CLAY, GRN, SOFT, SCL, TAN, BRIGHT YEL. SCL, TAN, TR. TAN YOLC. TUFF.			VD 850 11°30' N7W 59'N 23'E VD 967' (D=6')
900	AS ABOVE.			
950	SILTSTN, MED. GRAY GRN, FIRM, FINE, CLAY, GRN, SOFT, SCL, TAN, BRIGHT YEL. SCL, TAN, TR. TAN YOLC. TUFF.			VD 950 13°00' N5W 78'N 21'E VD 1056' (D=8')
1000	CHROMATOGRAPH=100%CI			VD 1000
1050	SILTSTN & CLAY, DK GRY, FIRM, FINE, CLAY, GRN, SOFT, SCL, TAN, BRIGHT YEL. SCL, TAN, TR. TAN YOLC. TUFF.			VD 1050 W 68 V 45
1100	AS ABOVE, W/ HND YALC, VOLC. GRN SOFT, SOL CLAY, BLYBN, GRN TUFF, FRI.			VD 1100 15°00' N4W 101'N 19'E VD 1150' (D=11')
1150	SILTSTN & SAND, W/ ABOND. CLAY, DK GRY, FIRM, FINE, CLAY, GRN, SOFT, SCL, TAN, BRIGHT YEL. SCL, TAN, TR. TAN YOLC. TUFF.			VD 1150 16°00' N7W 136'N 15'E VD 1267' (D=16')
1200	SILTSTN, MED. GRAY GRN, FIRM, FINE, CLAY, GRN, SOFT, SCL, TAN, BRIGHT YEL. SCL, TAN, TR. TAN YOLC. TUFF.			VD 1200 20°00' N6W 165'N 11.5'E VD 1354' (D=21')
1250	CHROMATOGRAPH=100%CI			VD 1250
1300	SILTSTN, MED. GRAY, FIRM, FINE, CLAY, GRN, SOFT, SCL, TAN, BRIGHT YEL. SCL, TAN, TR. TAN YOLC. TUFF.			VD 1300 21°00' N10W 206.5'N 5'E VD 1471' (D=25')
1350	SILTSTN AND CLAY AS ABOVE.			
1400	SILTSTN, MED. GRAY, SOFT, TO FIRM, FINE, CLAY, GRN, SOFT, SCL, TAN, BRIGHT YEL. SCL, TAN, TR. TAN YOLC. TUFF.			VD 1400 W 67 V 43
1450	CHROMATOGRAPH=100%CI			VD 1450
1500	SILTSTN AND CLAY A/A, W/ MICROMICA, F.L.C.			VD 1500 20°00' N9W 251'N 2.5'E VD 1527' (D=7')
1550	SILTSTN, MED. GRAY, SOFT, TO FIRM, FINE, CLAY, GRN, SOFT, SCL, TAN, BRIGHT YEL. SCL, TAN, TR. TAN YOLC. TUFF.			VD 1550 C=60 AT 4 VIS LAG=CMIN 29SPM
1600	CLAY, MED. GRAY, SOFT, SOL, FINE, CLAY, GRN, SOFT, SCL, TAN, BRIGHT YEL. SCL, TAN, TR. TAN YOLC. TUFF.			VD 1600 20°00' N6W 274'N 6'E VD 1651' (D=41')
1650	SAND, VEN TO FN, SPAN, MICA, SBND TO HND YALC, VOLC. GRN SOFT, SOL CLAY, BLYBN, GRN TUFF, FRI.			VD 1650 20°00' N6W 260'N 12'E VD 1795' (D=51')
1700	CHROMATOGRAPH=100%CI			VD 1700
1750	SAND AND CLAY A/A			
1800	CLAY, MED. GRAY, SOFT, PART, SBND, CLAY, GRN, SOFT, SCL, TAN, BRIGHT YEL. SCL, TAN, TR. TAN YOLC. TUFF.			VD 1800 W 67 V 44 FC 6.0 PH 10.5 S 4.0 SD 2.0 SCL 10%
1850	CLAY AS ABOVE, W/ MIN FIRM, FINE, CLAY, GRN, SOFT, SCL, TAN, BRIGHT YEL. SCL, TAN, TR. TAN YOLC. TUFF.			VD 1850 21°00' N6W 360'N 20'W VD 1940' (D=60')
1900	CHROMATOGRAPH=100%CI			VD 1900
1950	CLAY, MED. GRAY, V SOFT, SCL, TAN, BRIGHT YEL. SCL, TAN, TR. TAN YOLC. TUFF.			VD 1950
2000	CLAY, MED. GRAY, SOFT, PART, SBND, CLAY, GRN, SOFT, SCL, TAN, BRIGHT YEL. SCL, TAN, TR. TAN YOLC. TUFF.			VD 2000 PACKED OFF, NO RETURNS
2050	CLAY, MED. GRAY, SOFT, PART, SBND, CLAY, GRN, SOFT, SCL, TAN, BRIGHT YEL. SCL, TAN, TR. TAN YOLC. TUFF.			VD 2050
2100	CLAY, MED. GRAY, V SOFT, SCL, TAN, BRIGHT YEL. SCL, TAN, TR. TAN YOLC. TUFF.			VD 2100
2150	CHROMATOGRAPH=100%CI			VD 2150
2200	SOFT, GRAY CLAY AS ABOVE			VD 2200 22°00' N5W 471'N 29'W VD 2167' (D=76')
2250	PACKED OFF			
2300	PACKED OFF			
2350	SAND, VEN TO FN, CLR SUBANGVD, SBND, CLAY, GRN, SOFT, SCL, TAN, BRIGHT YEL. SCL, TAN, TR. TAN YOLC. TUFF.			VD 2350 24°00' N5W 545'N 38'W VD 2338' (D=95') RAN VELEX
2400	HARD BASALTIC SILTSTN, HD CALCITE, MIN FIRM SILTSTN, W/ MICROMICA, F.L.C.			VD 2400 CRILLER'S TOTAL DEPTH 2432'
2450				
2500				