

COMPANY REICHOLD ENERGY CORPORATION
 WELL COLUMBIA COUNTY 13-2 (LOT 5 1980)
 FIELD MIST NEHALEM BASIN
 COUNTY COLUMBIA STATE OR
 LOCATION NORTH & 629' EAST OF THE
 SOUTHWEST CORNER OF:
 C/AVL
 Sec. 2 Twp. 6N Rge. 5W
 Permanent Datum G.L. 08 Elev. 1020.82 Elev. K.B. 1031.33
 Log Measured From X.B. 08 10.5 ft. Above Perm. Datum
 Drilling Measured From 1.25 Elev. 1020.83
 Date 7-31-80
 Run No. ONE
 Depth Driller 3709
 Depth Welox 3709
 Btm Log Inter. 407 @ 405
 Top Log Inter. 407 @ 405
 Change Driller 407 @ 405
 Change Welox 407 @ 405
 Bit Size 6 1/4
 Type Fluid in Hole LUBRICANT
 Density 69 138
 Visc. 11.5 11.5
 Fluid Loss 3.7 6.8
 Source of Sample CIRCULAR
 Rm @ Meas. Temp. 3.7 6.8
 Rm @ Meas. Temp. 4.9 5.6
 Rm @ Meas. Temp. 3.9 5.8
 Source Rm Rmc
 Rm @ BHT 2.05 @ 124 F
 Rm @ BHT 2.21 @ 124 F
 Rmc @ BHT 1.82 @ 124 F
 Time Since Circ. 3 HRS @ BHT
 Wk. Sec. Temp. 124 F @ BHT
 Wk. Sec. Location 428 S/N
 Sounded By RBIF

Service Ticket No. N/A Remarks:

Date	Sample No.	Run No.
		1
		2
		3
		4

Depth - Driller
 Type Fluid in Hole
 Dens. Visc.
 pH Fluid Loss
 Source of Sample
 Rm @ Meas. Temp.
 Rmc @ Meas. Temp.
 Rm @ BHT
 Rmc @ BHT

WELIX does not guarantee the accuracy of any interpretation of log data, conversion of log data to physical rock parameters, or recommendations which may be given by WELIX personnel or which may appear on the log or in any other form. Any user of such data, interpretations, conversions, or recommendations agrees that WELIX is not responsible, except where due to gross negligence or willful misconduct, for any loss, damages, or expenses from the use thereof.

Magnetic Declination - NORTH 21° EAST

TABLE OF CONSTANTS FOR DETERMINING VERTICAL DIFFERENCE AT VARIOUS DIP ANGLES

DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT
1	.0175	11	.194	21	.384	35	.700
2	.035	12	.213	22	.404	40	.839
3	.052	13	.231	23	.425	45	1.000
4	.070	14	.249	24	.445	50	1.192
5	.088	15	.268	25	.466	55	1.428
6	.105	16	.287	26	.487	60	1.732
7	.123	17	.306	27	.509	65	2.144
8	.141	18	.325	28	.531	70	2.748
9	.158	19	.344	29	.554	75	3.732
10	.176	20	.364	30	.577	80	5.671

Vertical difference in feet is obtained by multiplying the constant for any given dip angle by the horizontal distance in feet.
 Example: Dip angle 10°. Horizontal distance 440 ft.
 Vertical difference = .176 x 440 = 77.44

GRAPHIC PRESENTATION

