

12-13-02-65



DIP LOG CALCULATIONS

COMPANY REICHHOLD ENERGY CORPORATION
 WELL COLUMBIA COUNTY 13-2 REDRILL NO. 1
 FIELD MIST NEHALEM BASIN
 COUNTY COLUMBIA STATE OREGON

Location: 626 NORTH & 439' EAST OF THE SOUTHWEST CORNER OF 1
 ELEV. 1020.83
 COUNTY COLUMBIA STATE OREGON

Permit No. 01E
 Date 8-9-80
 Drilling Measured From 80.3
 ELEV. 1020.83
 CORNER OF 1 OF 1020.83

Drill No. 3823
 Driller T.D. DRILLER
 Log No. 407

Run No. 1 (1) 5 (98)

Received By

Company: REICHHOLD ENERGY CORPORATION
 Well: COLUMBIA COUNTY 13-2 REDRILL NO. 1
 Field: MIST NEHALEM BASIN
 County: COLUMBIA STATE: OREGON

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Service Ticket No. 055076 Remarks

Date	Sample No.	Run No.	1	2	3	4
Depth - Driller		Tool Type	DIP			
Type Fluid in Hole		Total Number	N/A			
Dens.		Pad Type	FORXG			
Visc.		Correlated By				
pH		Computed By				
Fluid Loss						
Source of Sample						
R _m @ Meas. Temp.						
R _{mt} @ Meas. Temp.						
R _{mc} @ Meas. Temp.						
Source: R _{mt} R _{mc}						
R _m @ BHT	0.88 @ 132					
R _{mt} @ BHT	1.80 @ 132					
R _{mc} @ BHT	1.82 @ 132					

Welex 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 Welex personnel or which may appear on the log or in any other form. Any user of such data, interpretations, conversions, or recommendations agrees that Welex 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

