



DIP LOG CALCULATIONS

COMPANY REICHOLD ENERGY CORPORATION
 WELL COLUMBIA COUNTY NO. 6 REDRILL NO. 2
 FIELD NEHALEM BASIN
 COUNTY COLUMBIA STATE OREGON

Location: SOUTH & 66' WEST OF THE CENTER OF SECTION: T1L C/AVL
 Sec. 10 Twp. 6N Rge. 5W

Permanent Datum: 6-11-08 Elev. 742.41
 Level Measured From: K.B. Elev. 753.83
 Drilling Measured From: K.B. Elev. 742.41

Date: 8-9-79
 Run No.: ONE
 Depth - Driller: 2614
 Depth - Welex: 2620
 Btm. Log Inter.: 2618
 Top Log Inter.: 674 @ 40.1
 Casing Driller: 7 @ 40.1

Fluid in Hole: CAUSTIC
 Type Fluid in Hole: B-BROXIN
 Dens. @ 79: 1.40
 Visc. @ 79: 1.40
 pH: 1.40
 Fluid Loss: 1.40 ml
 Source of Sample: CIRCULATED
 Btm. Meas. Temp.: 1.98 @ 84 °F
 Fluid Meas. Temp.: 2.08 @ 82 °F
 Source Rec. Temp.: MEASURED
 Run @ BHT: 1.48 @ 115 °F
 Run @ BHT: 3 HRS.
 Max. Rec. Temp.: 115 °F @ BHT
 Equip.: 9430 I WOODLAND
 Recorder: DOME
 Witnessed By: MCBURNIE, CLARE

Service Ticket No. 049037 Remarks:

Date	Sample No.	Run No.	1	2	3	4
Depth - Driller		Tool Type	DIP			
Type Fluid in Hole		Tool Number	13364			
		Pad Type	FORXO			
Dens.	Visc.	Correlated By				
pH	Fluid Loss	Computed By				
Source of Sample		TRANS. NO. 12891				
R _m @ Meas. Temp.		Remarks:				
R _{mf} @ Meas. Temp.						
R _{mc} @ Meas. Temp.						
Source: R _m R _{mc}						
R _m @ BHT	1.45 @ 115 °F					
R _{mf} @ BHT	1.18 @ 115 °F					
R _{mc} @ BHT	1.64 @ 115 °F					

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 20.5° 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

