



**DIP LOG CALCULATIONS**

COMPANY REICHHOLD ENERGY CORPORATION  
 WELL D.S.C. COLUMBIA COMPANY NO. 2  
 FIELD NEHALEM  
 COUNTY COLUMBIA STATE OREGON

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Location 1225' SOUTH & 326' EAST OF THE NORTH 1/4 CORNER OF (W.R.M.)  
 Other Section

Sec. 14 Twp. 6N Rge. 5W  
 Elev. 537.6  
 Elev. K.B. 149.6  
 G.L. 117.6

Permanent Datum G.L.  
 Log Measured From K.B.  
 Drilling Measured From K.B.

Date 7-1-78  
 Run No. ONE  
 Depth Driller 2780  
 Depth Worker 2775

Top Log Interval 7-1-78  
 Closing Driller 331  
 Closing Worker 331

Drifts: Visc. 69 153  
 Type Fluid in Hole LIQUID & LIGHT  
 Source of Sample PIT  
 Kind of Meas. Temp. 2.80 @ 72 F  
 Kind of Meas. Temp. 2.85 @ 60 F  
 Kind of Meas. Temp. 2.45 @ 60 F  
 Source of Sample MEASURED  
 Kind of Meas. Temp. 2.35 @ 116 F  
 Kind of Meas. Temp. 2.16 @ 116 F  
 Time Since Core 1 1/2 HRS.  
 Temp. Since Core 85.86 IN OIL AND  
 Edited by I. E. KENNEDY  
 Recorded by MR. KENNEDY  
 Witnessed by MR. BRUER

Service Ticket No. 200-0120

Change in Log Type or Additional Samples

Date	Sample No.	Run No.
		1
		2
		3
		4

Tool Type D.I.P.  
 Tool Number 11173  
 Pad Type FORXO  
 Correlated By  
 Computed By  
 M.A.D. No. 12614

Remarks

Run	Meas. Temp.	Temp.	Temp.	Temp.
R-1	2.35 @ 116	F		
R-2	1.47 @ 116	F		
R-3	1.78 @ 116	F		
R-4				
R-5				
R-6				
R-7				
R-8				
R-9				
R-10				

Welex does not guarantee the accuracy of any interpretation of log data, conversion of log data to physical rock parameters, or recommendations on the use of such data. Welex shall not be liable for any loss or damage, including consequential, special, or exemplary damages, resulting from the use of such data.

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**

