

DIP LOG CALCULATIONS

2"=100'

COMPANY REICHHOLD ENERGY CORPORATION
 WELL CROWN ZELLERBACH 22-6 RD. No. 2
 FIELD MIST NEHALEM BASIN
 COUNTY COLUMBIA STATE OREGON

Location 1584' SOUTH & 468' WEST FROM NORTH 1/4 CORNER: Sec. 6 Twp. 6N Rge. 4W

Other Services:

Permanent Datum G.L.L. Elev. 1424.6
 Log Measured From K.B. Ft. Above Perm. Datum Elev. K.B. 1435.1
 Drilling Measured From K.B. G.L. 1424.6

Date	10-9-80
Run No.	FOUR
Depth - Well	2423
Depth - Water	2421
Btm. Log Int.	440
Top Log Int.	440
Casing - Well	440
Casing - Welex	440
Bit Size	6 1/4
Type Fluid in Hole	MUD
Dens. - Visc.	98 1.44
pH - Fluid Loss	10.5 15.7 ml
Source of Sample	CIRCULATED
R _m @ Meas. Temp.	1.85 @ 70 °F
R _{mt} @ Meas. Temp.	2.00 @ 60 °F
R _{mc} @ Meas. Temp.	2.20 @ 60 °F
Source R _m R _{mc}	NEASURED
R _m @ BHT	1.26 @ 102 °F
R _{mt} @ BHT	1.17 @ 102 °F
R _{mc} @ BHT	1.29 @ 102 °F
Time Since Circ.	N/A
Max. Rec. Temp.	102 °F @ BHT
Equip. - Location	8580 I.W.D.D. PARRALEE
Witnessed By	BRUER

Service Ticket No. 055090 Remarks:

Date	Sample No.	Run No.	1	2	3	4
Depth - Driller		Tool Type	DIP			
Type Fluid in Hole		Tool Number	N/A			
Dens.	Visc.	Pad Type	FORXO			
pH	Fluid Loss	Correlated By				
Source of Sample		Computed By				
R _m @ Meas. Temp.		Remarks:				
R _{mt} @ Meas. Temp.						
R _{mc} @ Meas. Temp.						
Source: R _m R _{mc}						
R _m @ BHT	1.26 @ 102 °F					
R _{mt} @ BHT	1.17 @ 102 °F					
R _{mc} @ BHT	1.29 @ 102 °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.

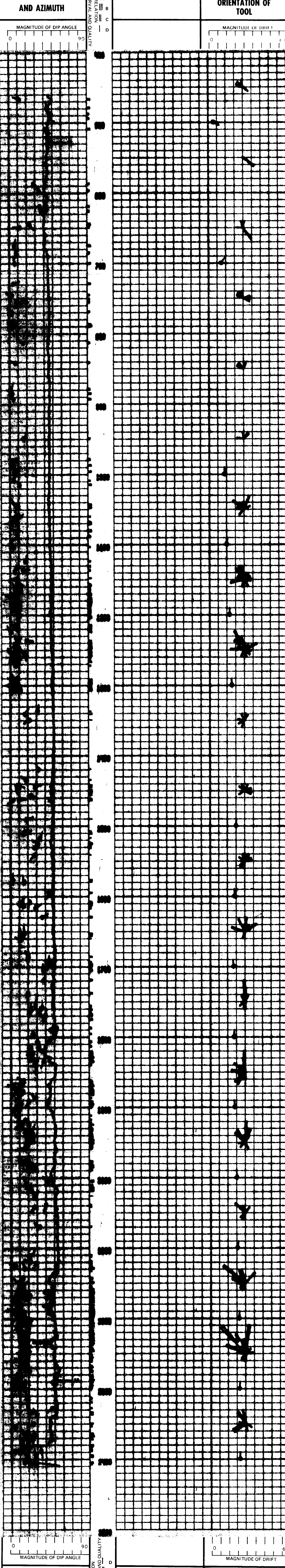
Magnetic Declination NORTH 20° EAST

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



0	90	MAGNITUDE OF DIP ANGLE
0	63	MAGNITUDE OF DRIFT

REICHHOLD ENERGY CORPORATION
 CROWN ZELLERBACH 22-6 RD. No. 2
 MIST NEHALEM BASIN
 COLUMBIA COUNTY, OREGON

T.D. LOGGED 2421
 T.D. DRILLER 2431
 T.D. WELEX 2423
 ELEV: K.B. 1435.1 G.L. 1424.6