

21-100'  
DIP LOG  
CALCULATIONS

COMPANY REICHHOLD ENERGY CORPORATION

REICHOLD ENERGY CORPORATION  
COLUMBIA COUNTY  
NO. 6  
FIELD NEHALEM BASIN  
COLUMBIA COUNTY, OREGON

WELL COLUMBIA COUNTY NO. 6  
FIELD NEHALEM BASIN  
COUNTY COLUMBIA STATE OREGON

Location  
689' SOUTH & 66' WEST OF THE  
CENTER OF SECTION: (M. 8 & M. 1)  
Sec. 16 Twp. 24N Rge. 24E

Permanent Datum  
K. B. OR 11.42 Ft Above Perm Datum  
Elev. 742.41  
Elev. 6.8  
Drilling Measured From K. B.  
C.I. 742.41

Date 7-26-79  
Run No. 5NE  
Depth Driller 3466  
Depth Welex 3460  
Btm. Log Inter. 3460

Top Log Inter. 402  
Casing - Driller 7 @ 401  
Casing - Welex 7 @ 401

Bit Size 6 1/2  
Type Fluid in Hole CALSITIC  
Class. Visc. 7.4 @ 140  
pH Fluid Loss 9.5 @ 15.1 ml  
R<sub>m</sub> @ Meas. Temp. 2.10 @ 71 °F  
R<sub>mf</sub> @ Meas. Temp. 2.00 @ 68 °F  
R<sub>mc</sub> @ Meas. Temp. 1.26 @ 118 °F  
Time Since Circ. 7 1/2 @ BHT  
Equiv. Location 9430 WOODLAND  
Recorded By KENNEDY  
Witnessed By FRY + CLARE

Service Ticket No. 048889 Remarks:

Date	Sample No.	Run No.	1	2	3	4
Depth - Driller		Tool Type	DIP			
Type Fluid in Hole		Tool Number	13101			
Dens. Visc.		Part Type	FORX0			
pH Fluid Loss		Correlated By				
Source of Sample		Computed By				
R <sub>m</sub> @ Meas. Temp.		MAND. NO.	13052			
R <sub>mf</sub> @ Meas. Temp.		Remarks:				
R <sub>mc</sub> @ Meas. Temp.						
Source: R <sub>mf</sub> R <sub>mc</sub>						
R <sub>m</sub> @ BHT	1.26 @ 118 °F					
R <sub>mf</sub> @ BHT	1.15 @ 118 °F					
R <sub>mc</sub> @ BHT	1.53 @ 118 °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.

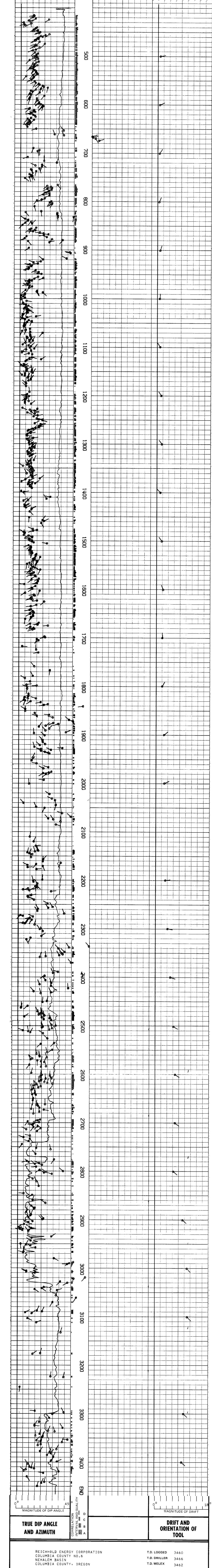
Magnetic Declination NORTH 20.5° EAST

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



REICHHOLD ENERGY CORPORATION  
COLUMBIA COUNTY NO. 6  
NEHALEM BASIN  
COLUMBIA COUNTY, OREGON

T.D. LOGGED 3460  
T.D. DRILLER 3466  
T.D. WELEX 3462  
ELEV: KB 753.83 GL 742.41