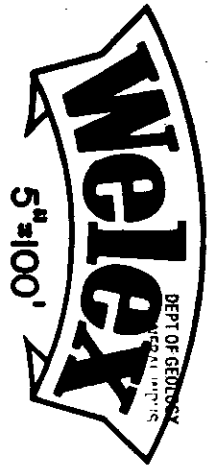


NOV 15 1979



DIP LOG CALCULATIONS

COMPANY REICHHOLD ENERGY CORP.
 WELL LIBEL NO. 2
 FIELD NEHALEM BASIN
 COUNTY COLUMBIA STATE OREG.
 RECALCULATED SECTION FROM 2272' TO 2310'
 WELL LIBEL NO. 2
 FIELD NEHALEM BASIN
 COUNTY COLUMBIA STATE OREGON
 Location N/A
 (W.B. & M.)
 Sec. 15 Twp. 6N Rge. 5W
 Other Services: IEL C/AVL
 Permanent Datum GL Elev. 519.82
 Log Measured From KB OR 10.5 Ft. Above Perm. Datum
 Drilling Measured From KB Elev. K.B. 530.32 D.F. - GL. 519.82

Date	9-26-79
Run No.	ONE
Depth - Driller	2857
Depth - Welex	2832
Btm. Log Inter.	2831
Top Log Inter.	398
Casing - Driller	7 @ 397
Casing - Welex	398
Bit Size	6 1/4
Type Fluid in Hole	LIGNO SULF
Dens. I Visc.	77 138
pH I Fluid Loss	10.513.7 ml
Source of Sample	PIT
Rm @ Meas. Temp.	190 @ 77 °F
Rmf @ Meas. Temp.	186 @ 72 °F
Rmc @ Meas. Temp.	240 @ 66 °F
Source Rm Rmc	MEASURED
Rm @ BHT	127 @ 115 °F
Rmf @ BHT	115 @ 115 °F
Rmc @ BHT	115 @ 115 °F
Time Since Circ.	8 1/2 HOURS
Max. Rec. Temp.	115F @ BHT
Equip. I Location	9430LWDLND
Recorded By	KENNEDY
Witnessed By	FRY, BRUER CLARE

Fold Here

Service Ticket No. 048898 Remarks:

Change in Mud Type or Additional Samples								
Date	Sample No.	I	I	Run No.	1	2	3	4
Depth - Driller				Tool Type	DIP			
Type Fluid in Hole				Tool Number	15217			
				Pad Type				
Dens.	Visc.	I	I	Correlated By				
pH	Fluid Loss	I	I	Computed By				
Source of Sample				TRANS. NO.	13363	MAND. NO.	13025	
Rm @ Meas. Temp.	@ °F	@ °F	@ °F	Remarks:				
Rmf @ Meas. Temp.	@ °F	@ °F	@ °F					
Rmc @ Meas. Temp.	@ °F	@ °F	@ °F					
Source: Rmf Rmc	I	I	I					
Rm @ BHT	1.27 @ 115 °F	@ °F	@ °F					
Rmf @ BHT	1.16 @ 115 °F	@ °F	@ °F					
Rmc @ BHT	1.37 @ 115 °F	@ °F	@ °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 expense from the use thereof.

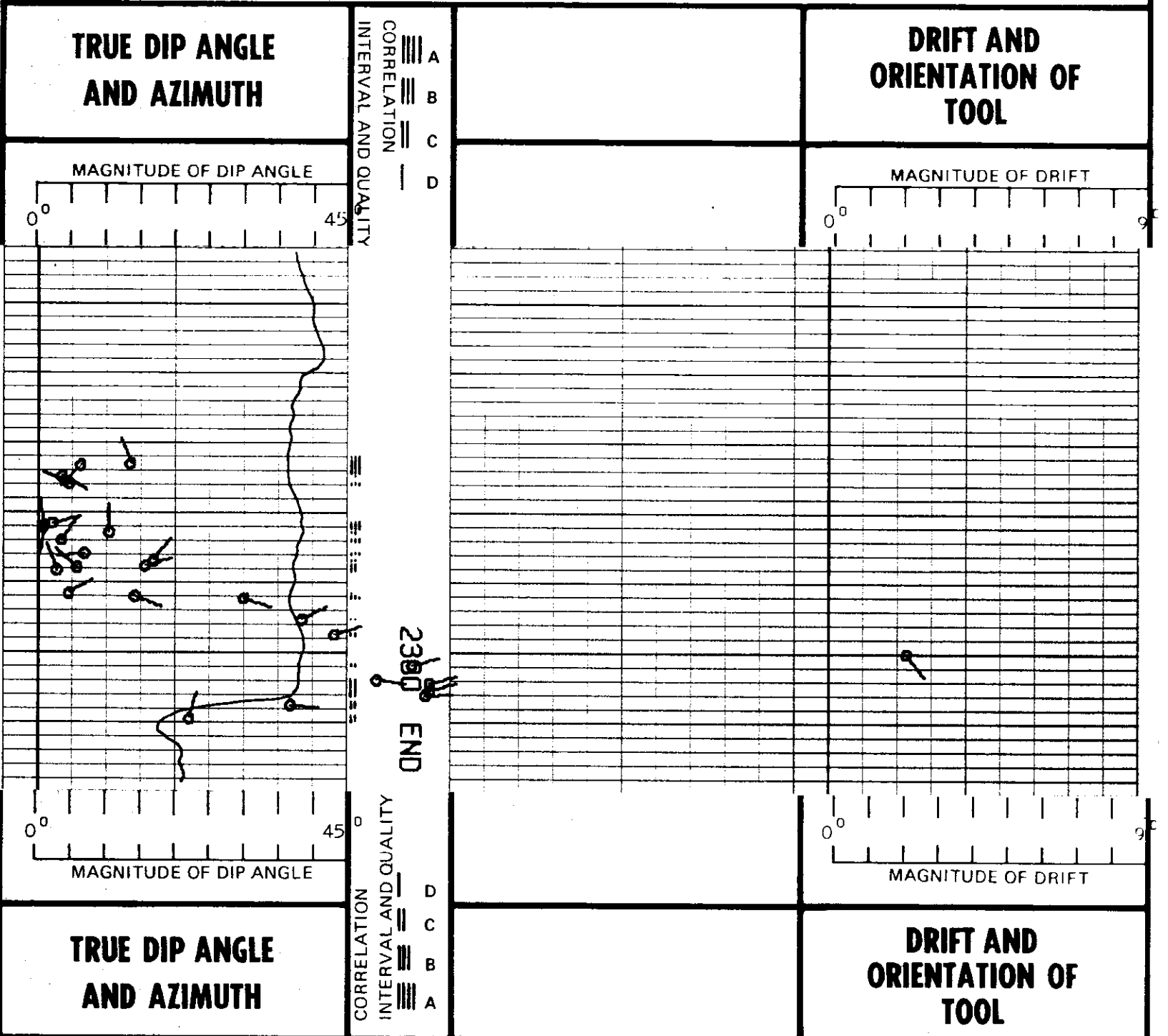
Magnetic Declination NORTH 20.5 EAST

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
 LIBEL NO. 2
 NEHALEM BASIN
 COLUMBIA COUNTY, OREGON

T.D. LOGGED 2831
 T.D. DRILLER 2857
 T.D. WELEX 2832

ELEV: KB 530.32 GL 519.82