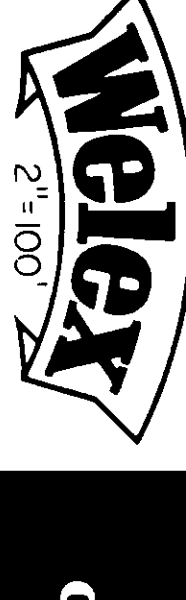


CADENZA 34-1-105



DIP LOG CALCULATIONS

COMPANY REICHHOLD ENERGY CORPORATION
 WELL CADENZA 34-1
 FIELD MIST
 COUNTY CO. STATE OR.
 COUNTY COLUMBIA STATE OREGON
 Location 65.1, 83° NORTH AND 788.42' EAST OF THE SOUTH QUARTER CORNER OF 01-1 Twp 6N Rge 5W
 Other Surveys IND. VEL.
 Permanent Datum G.L. OR Elev. 1166.84
 Log Measured From K.B. Elev. KH 1178.34
 Drilling Measured From K.B. Elev. D.F. 1166.84
 Date 11-13-81
 Run No. DNE
 Depth - Driller 2824
 Depth - Welex 2812
 Top Log Inter. 650
 Casing - Driller 7
 Casing - Welex 634 @ 634
 Bit Size 6 1/4
 Type Fluid in Hole GEL LIGNITE
 LIGNO
 Dens. 1 Vac. 72.0 @ 60.0
 pH 1 Fluid Loss 10.5 @ 7.2 @ ml
 Source of Sample CIRCULATED
 Rmt @ Meas. Temp. 2.60 @ 50 °F
 Rmt @ Meas. Temp. 2.25 @ 50 °F
 Rmt @ Meas. Temp. 1.50 @ 48 °F
 Source Rmt Rmc MEASURED
 Rm @ BHT 1.16 @ 112 °F
 Time Since Crc. 2 HOURS
 Equip. Location 2890 WOODLAND
 Witnessed By WISHART, CONNER ALGER

Service Ticket No. 057026 Remarks

Date	Sample No.	Run No.	DIP	2	3	4
	1	1				
			Tool Type	DIP		
			Tool Number	90126		
			Pad Type	N/A		
			Correlated By	N/A		
			Computed By	N/A		

Dens. Visc. | | | |
 pH Fluid Loss | | | | ml
 Source of Sample | | | |
 Rmt @ Meas. Temp. @ @ @ @ °F
 Rmt @ Meas. Temp. @ @ @ @ °F
 Rmt @ Meas. Temp. @ @ @ @ °F
 Source Rmt Rmc | | | |
 Rm @ BHT 1.16 @ 112 °F
 Time Since Crc. 2 HOURS
 Equip. Location 2890 WOODLAND
 Witnessed By WISHART, CONNER ALGER

CB 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 on any other form. Any user of such data, interpretation, or recommendation is deemed to have agreed that Welex is not responsible, except where stated.

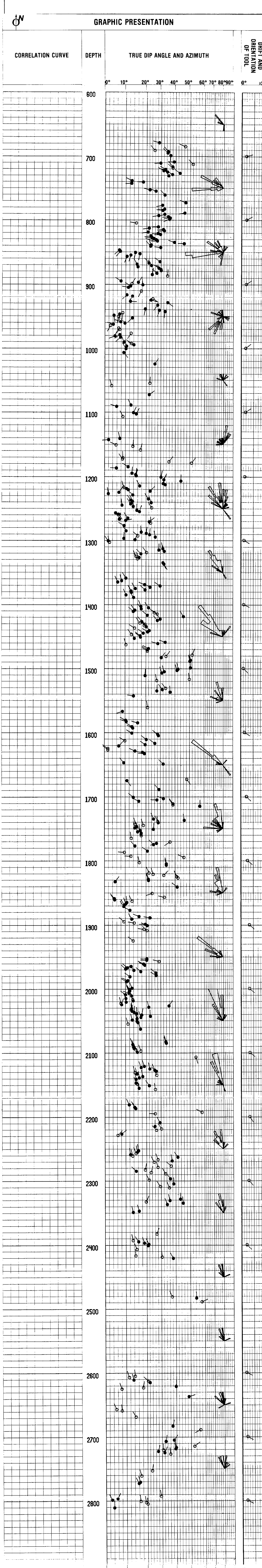
Magnetic Declination NORTH 21° EAST

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	1000
4	070	14	249	24	445	50	1192
5	088	15	268	25	466	55	1428
6	105	16	287	26	487	60	1732
7	123	17	306	27	509	65	2144
8	141	18	325	28	531	70	2748
9	158	19	344	29	554	75	3732
10	176	20	364	30	577	80	5671

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



COMPANY REICHHOLD ENERGY CORPORATION
 WELL CADENZA 34-1
 FIELD MIST
 COUNTY COLUMBIASTATE OREGON
 T.D. LOGGED 2812
 T.D. DRILLER 2824
 T.D. WELEX 2826
 ELEV. K.B. 1178.34
 D.F. 1166.84
 G.L.