



DIP LOG CALCULATIONS

COMPANY REICHOLD ENERGY CORPORATION
 WELL HAMMERBERG NO. 1 REDRILL NO. 1
 FIELD NEHALEM BASIN
 COUNTY COLUMBIA STATE OREGON
 LOCATION 209' NORTH & 612' WEST OF THE EAST QUARTER CORNER OF: IEL
 Sec. 14 Twp. 6N Rge. 5W
 Permanent Datum GL KB OR 10.5ft. Above Perm. Datum Elev.: K.B. 564.1 D.F. 553.6
 Logging Measured From KB
 Date 9-20-79
 Run No. ONE
 Depth Driller 3318
 Depth Meter 3319
 Foot Log Meter 420
 Casing Driller 720 @ 398
 Bit Site 400
 Type Fluid in Hole LIQUID SLURRY
 Dens. 1 Visc. 7.8 1.40
 Source of Sample P.T.
 R_m @ Meas. Temp. 2.48 @ 80 °F
 R_{mt} @ Meas. Temp. 2.48 @ 76 °F
 R_{mc} @ Meas. Temp. 2.48 @ 76 °F
 R_m @ BHT 1.69 @ 117 °F
 R_{mt} @ BHT 1.45 @ 117 °F
 R_{mc} @ BHT 1.94 @ 117 °F

Service Ticket No. 048897 Remarks:

Date	Sample No.	Run No.
		1
		2
		3
		4

Change in Mud Type or Additional Samples

Tool Type: DIP
 Tool Number: 13364
 Pad Type:
 Correlated By:
 Computed By:
 Remarks: TRANS. NO. 20705 MAND. NO. 12613

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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

