



DIP LOG CALCULATIONS

COMPANY: REICHHOLD ENERGY CORPORATION
 WELL: CROWN ZELLERBACH 22-6 REDRILL NO. 1
 FIELD: MIST NEHALEM BASIN
 COUNTY: COLUMBIA STATE: OREGON
 LOCATION: 1584' SOUTH AND 443' WEST FROM THE NORTH QUARTER CORNER OF 1
 STATE: OREGON
 WELL: MIST NEHALEM BASIN
 COMPANY: REICHHOLD ENERGY CORPORATION
 WELL: CROWN ZELLERBACH 22-6 REDRILL NO. 1
 FIELD: MIST NEHALEM BASIN
 COUNTY: COLUMBIA STATE: OREGON
 LOCATION: 1584' SOUTH AND 443' WEST FROM THE NORTH QUARTER CORNER OF 1
 STATE: OREGON

Permitment Datum: G.L.L. BR. 10.5 Elev. 1424.6
 Log Measured From: K.B. BR. 10.5 Elev. 1424.6
 Drilling Measured From: J.S. Elev. 1424.6
 Date: 10-5-80
 Run No.: 018
 Run Date: 10-5-80
 Driller: T.D. DRILLER
 Dip Log Number: 2260
 Top Log Number: 2260
 Coring: 443 @ 7
 Drilling: 443 @ 7
 Type Fluid in Hole: LEAD SULF
 Density: 6.7
 Viscosity: 6.7
 pH: 6.7
 Fluid Loss: 6.7
 Source of Sample: 6.7
 Rm @ Meas. Temp.: 6.7
 Rmc @ Meas. Temp.: 6.7
 Rm @ BHT: 6.7
 Rmc @ BHT: 6.7

Service Ticket No. 055220 Remarks:

Change in Mud Type or Additional Samples

Date	Sample No.	Run No.
	1	1
	2	2
	3	3
	4	4

Dens. Fluid Loss
 pH Visc.
 Source of Sample
 Rm @ Meas. Temp.
 Rmc @ Meas. Temp.
 Rm @ BHT
 Rmc @ BHT

Magnetic Declination: NORTH 21.5 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	1.182
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

