SWSC-722-B

SCHLUMBERGER

POTECLINOMETER CONTINUOUS DIPMETER (COMPUTED)

SCHLUMBERGER WELL SURVEYING CORPORATION
Houston, Texas

COUNTY PERRY
FIELD or LOCATION
WELL SCHLICHTING NO. 1
COMPANY MISS. RIVER TRAN.

COMPANY MISSISSIPPI RIVER TRANSMISSION CORPORATION 157-2002
WELL SCHLICHTING NO. 1
FIELD WILDCAT
COUNTY PERRY STATE MISSOURI
LOCATION
Other Services: SNP, LGR, BSL, FDC, ML

Sec. 1 Twp. 34N Rge. 13E

Permanent Datum: GROUND LEVEL , Elev. 465.5
Log Measured From K. B. , 4.5 Ft. Above Perm. Datum
Drilling Measured From K. B.

Elev.: K.B. 470.0
D.F.
G.L. 465.5

Date	8-14-66			
Run No.	ONE			
Depth—Driller	4013			
Depth—Logger	4017			
Btm. Log Interval	4014			
Top Log Interval	70			
Casing—Driller	@ 70	@	@	@
Casing—Logger	70			
Bit Size	8 3/4"			
Type Fluid in Hole	GEL			
Dens. | Visc.	8.9 | 50			
pH | Fluid Loss	11 | 6 ml	ml	ml	ml
Source of Sample				
R_m @ Meas. Temp.	1.97 @ 84 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F
Source: R_{mf} | R_{mc}				
R_m @ BHT	1.80 @ 102 °F	@ °F	@ °F	@ °F
Time Since Circ.				
Max. Rec. Temp.	102 °F	°F	°F	°F
Equip. | Location	3002 | LIN			
Recorded By	POTTER			
Witnessed By	THOMAS			

FOLD HERE

Changes in Mud Type or Additional Samples		
Date | Sample No.		
Depth—Driller		
Type Fluid in Hole		
Dens. | Visc.		
ph | Fluid Loss	ml	
Source of Sample		
R_m @ Meas. Temp.	@ °F	@ °F
R_{mf} @ Meas. Temp.	@ °F	@ °F
R_{mc} @ Meas. Temp.	@ °F	@ °F
Source: R_{mf} | R_{mc}		
R_m @ BHT	@ °F	@ °F
R_{mf} @ BHT	@ °F	@ °F
R_{mc} @ BHT	@ °F	@ °F

Run No.	1	2	3	4
Tool Type				
DCM No.				
Magnetic Declination	5° EAST			
Analog Panel No.				
Digital Panel No.				
Correlated By	TRAW & LYNN			
Computed By	IBM 1620			
Plotted By	CAL COMP			
Remarks —	JOB # 352			

"Any directional computations made from the dipmeter log must be regarded as approximate only. This is because the dipmeter log indicates the orientation of the instrument itself, rather than the direction and amount of the wall drift. Therefore, we do not and cannot guarantee the accuracy of such directional computations, and we shall not be liable or responsible for any loss, costs, damages or expenses incurred or sustained that may result from any such computations."

TABLE OF VERTICAL DISPLACEMENT IN FEET CORRESPONDING TO VARIOUS HORIZONTAL DISTANCES AND ANGLES OF DIP

DIP ANGLES (degrees)	VERTICAL DISPLACEMENT FOR HORIZONTAL DISTANCES OF 100'	1000'	1 mile (5280')	DIP ANGLES (degrees)	VERTICAL DISPLACEMENT FOR HORIZONTAL DISTANCES OF 100'	1000'	1 mile (5280')
1	1.75	17.5	92.2	19	34.4	344.	1818.
2	3.5	35.	184.	20	36.4	364.	1922.
3	5.2	52.	277.	21	38.4	384.	2027.
4	7.0	70.	369.	22	40.4	404.	2133.
5	8.8	88.	462.	23	42.5	425.	2241.
6	10.5	105.	555.	24	44.5	445.	2351.
7	12.3	123.	648.	25	46.6	466.	2462.
8	14.1	141.	742.	30	57.7	577.	3048.
9	15.8	158.	836.	35	70.0	700.	3697.
10	17.6	176.	931.	40	83.9	839.	4430.
11	19.4	194.	1026.	45	100.0	1000.	5280.
12	21.3	213.	1122.	50	119.2	1192.	6293.
13	23.1	231.	1219.	55	142.8	1428.	7540.
14	24.9	249.	1316.	60	173.2	1732.	9145.
15	26.8	268.	1415.	65	214.4	2144.	11323.
16	28.7	287.	1514.	70	274.8	2748.	14507.
17	30.6	306.	1614.	75	373.2	3732.	19705.
18	32.5	325.	1716.	80	567.1	5671.	29945.

To obtain vertical displacements corresponding to multiples of hundreds feet, thousands of feet or miles, multiply the number found in the table by the number of hundreds, thousands or miles.

Example: The formation dip is 16 degrees. The vertical displacement occurring at a spot 660 feet away from the well is desired. The table shows 28.7 feet per 100 feet for 16° dip. Therefore 28.7 x 6.60 = 189.42, or 189. feet.

GRAPHIC PRESENTATION

DEPTHS | TRUE DIP ANGLE (0° 10° 20° 30° 40° 50° 60° 70° 80° 90°) | DEPTH INTERVAL | TRUE DIP & TRUE DIP DIRECTION | DRIFT & TRUE DRIFT DIRECTION OF SONDE (0° 10°)

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WELL SCHLICHTING NO. 1
FIELD WILDCAT
COUNTY PERRY STATE MISSOURI

R_m 1.97 @ 84 °F
R_{mf} @ °F
R_{mc} @ °F
BHT 102 °F

SWSC FR 4014
SWSC TD 4017
DRLR TD 4013
Elev:
KB 470.0
DF
GL 465.5