SCHLUMBERGER CONTINUOUS DIPMETER

COUNTY	WHITE PINE
FIELD or LOCATION	WILDCAT
WELL	ILLIPAH NO. 1
COMPANY	TENNECO OIL CO.

COMPANY TENNECO OIL COMPANY

WELL ILLIPAH NO. 1

FIELD WILDCAT

COUNTY WHITE PINE STATE NEVADA

LOCATION NE SE

Sec. 21 Twp. 18N Rge. 58E

Other Services: DIL, SNP-GR, FDC-GR,

Permanent Datum: _____, Elev. _____
Log Measured From _____, _____ Ft. Above Perm. Datum
Drilling Measured From _____

Elev.: K.B. 7451
D.F. _____
G.L. 7438

Date	8-1-67			
Run No.	ONE			
Depth—Driller	3181			
Depth—Logger	3166			
Btm. Log Interval	3162			
Top Log Interval	1500			
Casing—Driller	992 @	@	@	@
Casing—Logger	-			
Bit Size	8 3/4			
Type Fluid in Hole	WATER			
Dens. / Visc.				
pH / Fluid Loss	ml	ml	ml	ml
Source of Sample				
R_m @ Meas. Temp.	@ °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	@ °F	@ °F	@ °F	@ °F
Time Since Circ.				
Max. Rec. Temp.	°F	°F	°F	°F
Equip. / Location	4544 / VER			
Recorded By	HANDLEY			
Witnessed By	REMARKS			

FOLD HERE The well name, location and borehole reference data were furnished by the customer.

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	CDM-P			
DCM No.	A-773			
Magnetic Declination	15° E			
Analog Panel No.				
Digital Panel No.				
Correlated By	BASS			
Computed By	CDC3600			
Plotted By	CALCOMP			

Remarks -- WITNESS: HENDRICKS, VAN HORN.

"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, except in the case of willful negligence on our part, 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)	100'	1000'	1 mile (5280')	DIP ANGLES (degrees)	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

COMPANY	TENNECO OIL COMPANY
WELL	ILLIPAH NO. 1
FIELD	WILDCAT
COUNTY	WHITE PINE STATE NEVADA

Rm _____ @ _____ °F
Rmf _____ @ _____ °F
Rmc _____ @ _____ °F
BHT _____ °F

SCHL. FR 3162
SCHL. TD 3166
DRLR TD 3181
Elev:
KB 7451
DF _____
GL 7438