Schlumberger

CYBERDIP

COUNTY LINN
FIELD WILDCAT
LOCATION 28-15S-3W
WELL IRA BAKER NO. 1
COMPANY MOBIL OIL CORP.

COMPANY MOBIL OIL CORPORATION

WELL IRA BAKER NO. 1

FIELD WILDCAT

COUNTY LINN **STATE** OREGON

LOCATION 1087' SOUTH & 2537' WEST
FROM NORTHEAST CORNER OF

API SERIAL NO.	SEC	TWP	RANGE
	28	15S	3W

Other Services:
DI-SFL [illegible]
CST [illegible] -VDL
FDC/CNL [illegible]
HDT

Permanent Datum: GL ; Elev.: 340
Log Measured From KB 23 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. [illegible]
D.F. --
G.L. 340

Date	8-18-79			
Run No.	ONE			
Depth—Driller	10,412			
Depth—Logger (Schl.)	10,410			
Btm. Log Interval	10,410			
Top Log Interval	7,020			
Casing—Driller	9⅝" @7019	@	@	@
Casing—Logger	7,020			
Bit Size	8½"			
Type Fluid in Hole	LIGNOSULFONATE			
Dens. | Visc.	14 | [illegible]			
pH | Fluid Loss	11.[illegible] | 5.7 ml	ml	ml	ml
Source of Sample	FLOWLINE			
Rm @ Meas. Temp.	0.71 @ 71 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	0.37 @ 7[illegible] °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	1.20 @ 76 °F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	M | M			
Rm @ BHT	0.27 @184 °F	@ °F	@ °F	@ °F
TIME Circulation Stopped	1000			
TIME Logger on Bottom	--			
Max. Rec. Temp.	184 °F	°F	°F	°F
Equip. | Location	8128 | SAC			
Recorded By	LINDGREN			
Witnessed By Mr.	KNAUP			

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	[illegible]			
HDM No.	--			
Magnetic Declination	21			
Analog Panel No.	--			
Digital Panel No.	DAM-752			
Correlated By	--			
Computed By	LINDGREN			
Plotted By				

Remarks — SERVICE ORDER NO. 31603

"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

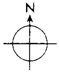
DIP ANGLES (degrees)	VERTICAL DISPLACEMENT FOR HORIZONTAL DISTANCES OF 100'	1000'	1 mile (5280')
1	1.75	17.5	92.2
2	3.5	35.	184.
3	5.2	52.	277.
4	7.0	70.	369.
5	8.8	88.	462.
6	10.5	105.	555.

DIP ANGLES (degrees)	VERTICAL DISPLACEMENT FOR HORIZONTAL DISTANCES OF 100'	1000'	1 mile (5280')
19	34.4	344.	1818.
20	36.4	364.	1922.
21	38.4	384.	2027.
22	40.4	404.	2133.
23	42.5	425.	2241.
24	44.5	445.	2351.

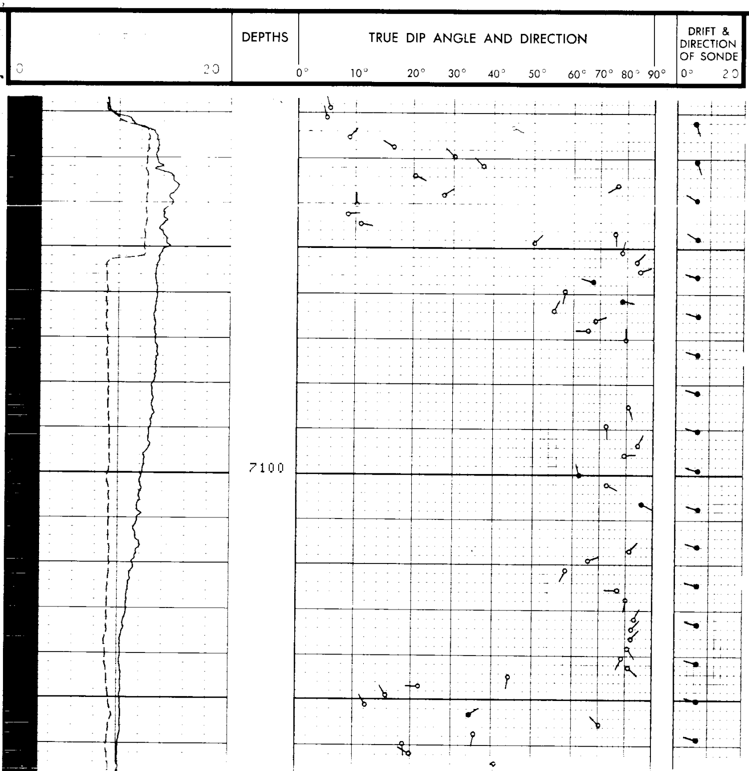
7	12.3	123.	648.	25	46.6	466.	2462.
8	14.1	141.	742.	30	57.7	577.	3048.
9	15.8	158.	836.	35	70.0	700.	3697.
10	17.6	176.	931.	40	83.9	839.	4430.
11	19.4	194.	1026.	45	100.0	1000.	5280.
12	21.3	213.	1122.	50	119.2	1192.	6293.
13	23.1	231.	1219.	55	142.8	1428.	7540.
14	24.9	249.	1316.	60	173.2	1732.	9145.
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.

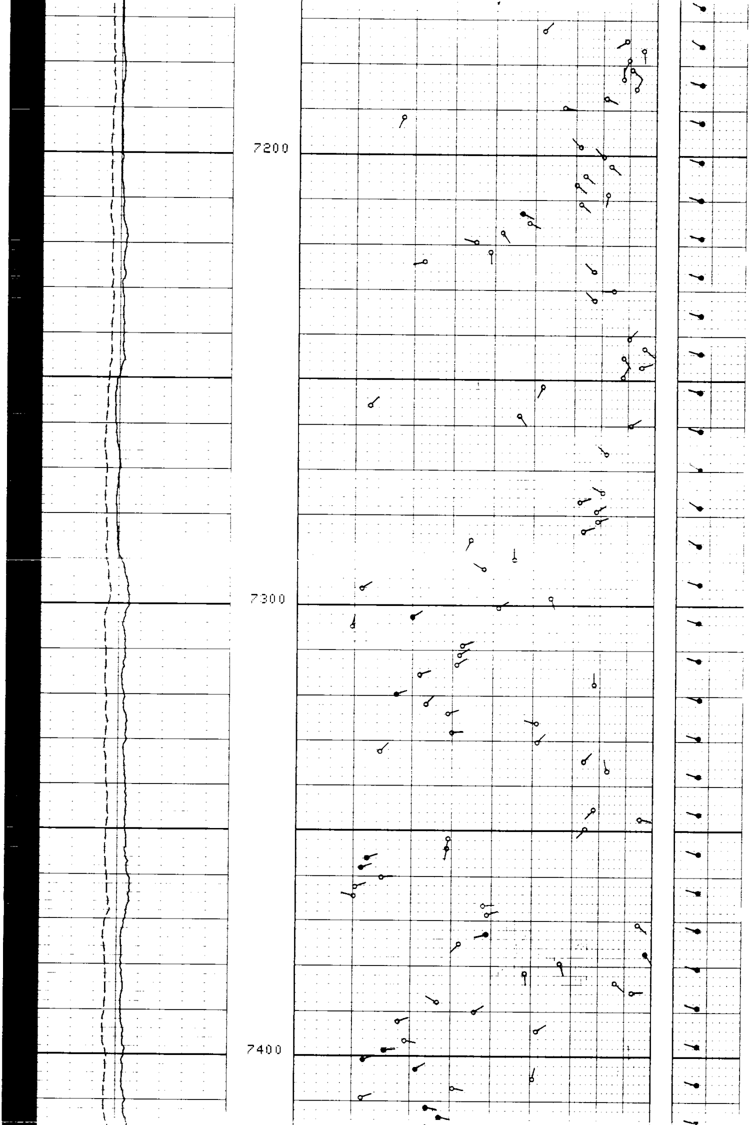
To obtain vertical displacements corresponding to multiples of hundreds feet, thousands of feet or miles, multiply the number found in the table by the number of hundreds, thousands or miles.

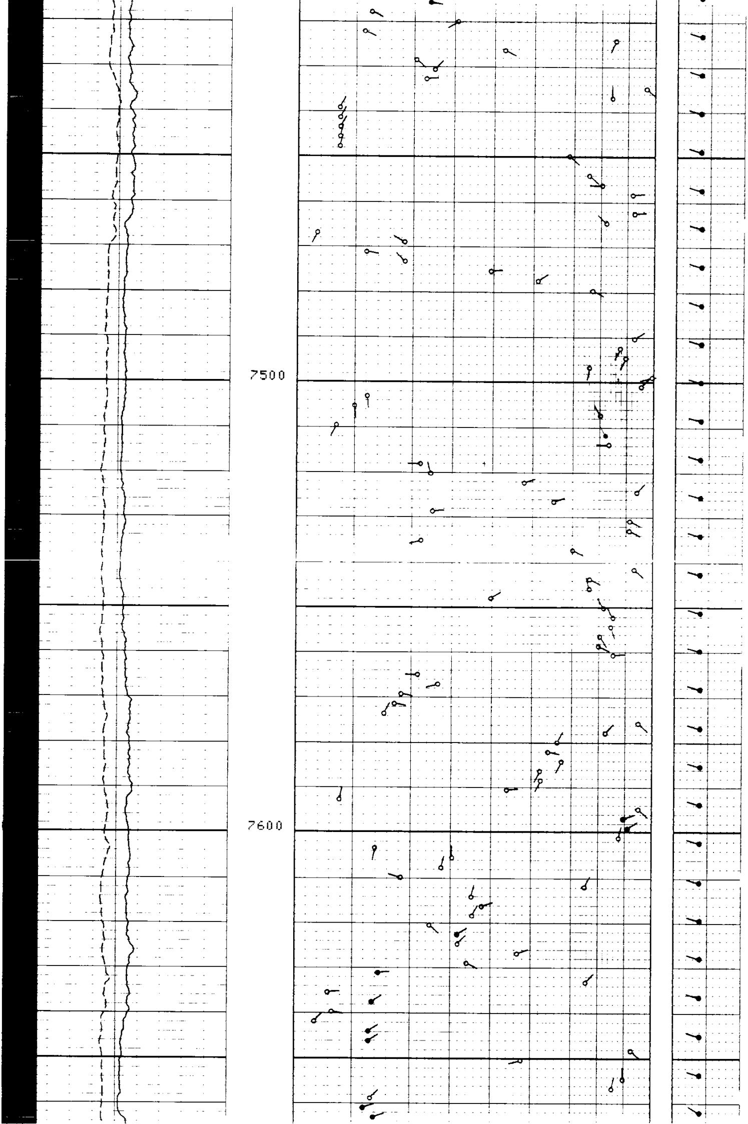
Example: The formation dip is 16 degrees. The vertical displacement occurring at a spot 660 feet away from the well is desired. The table shows 28.7 feet per 100 feet for 16° dip. Therefore 28.7 x 6.60 = 189.42, or 189. feet.

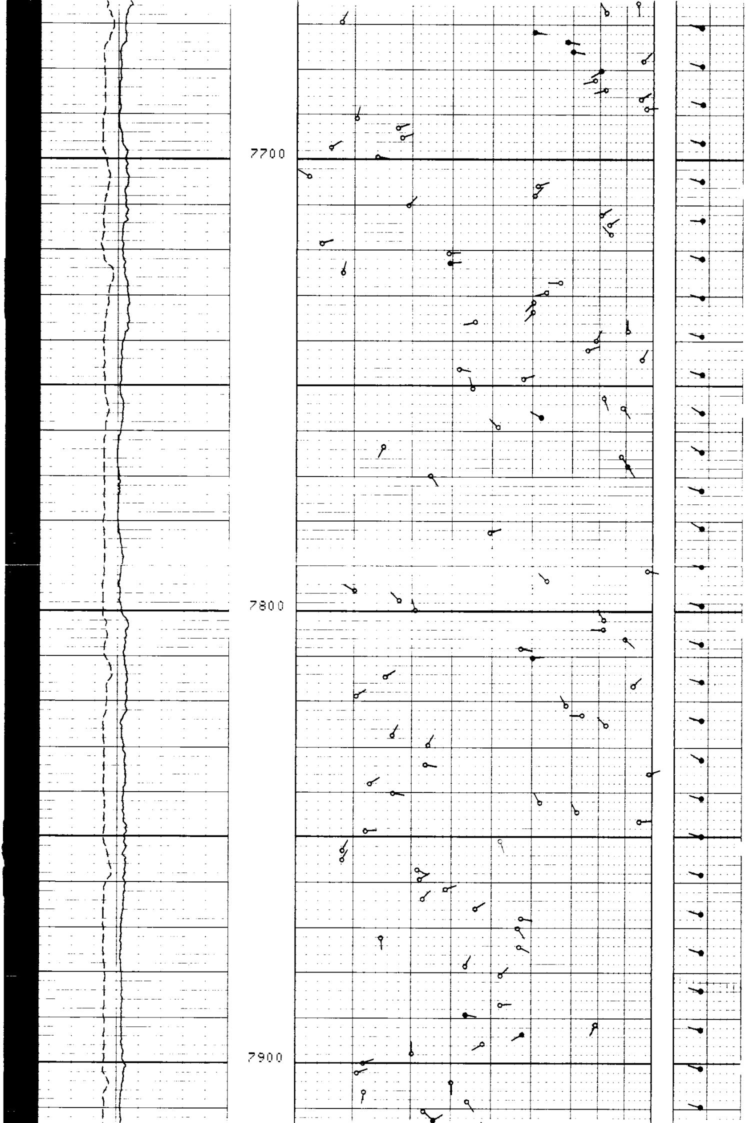


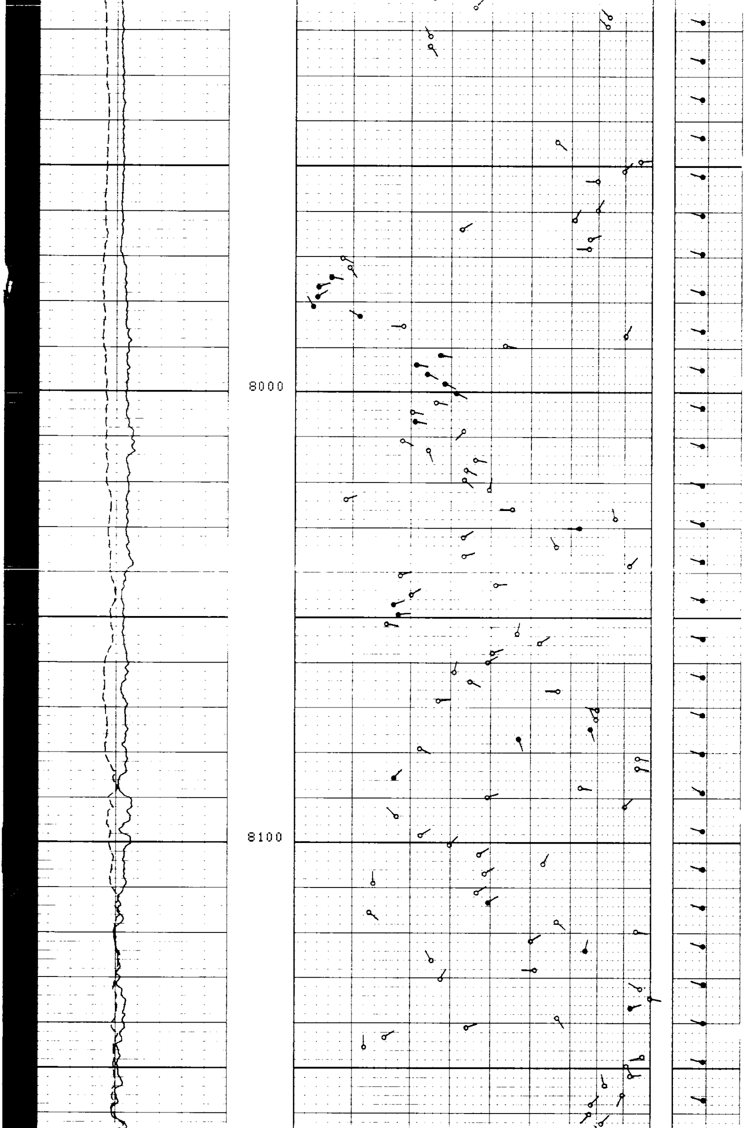
GRAPHIC PRESENTATION

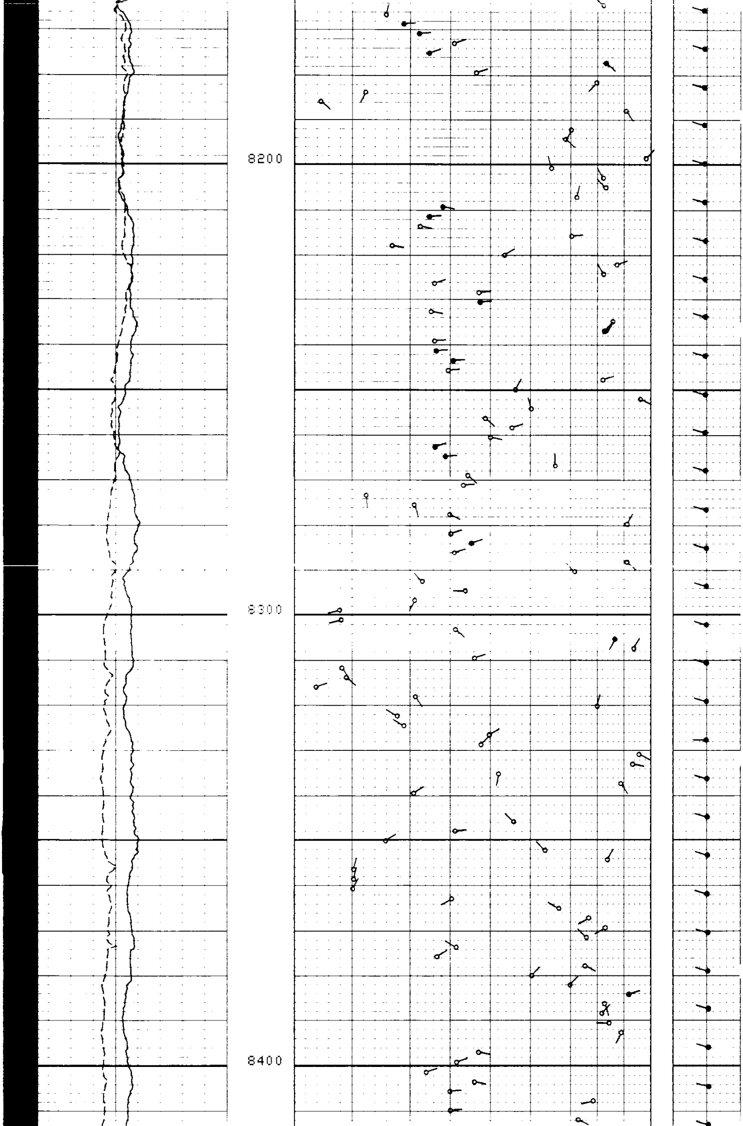


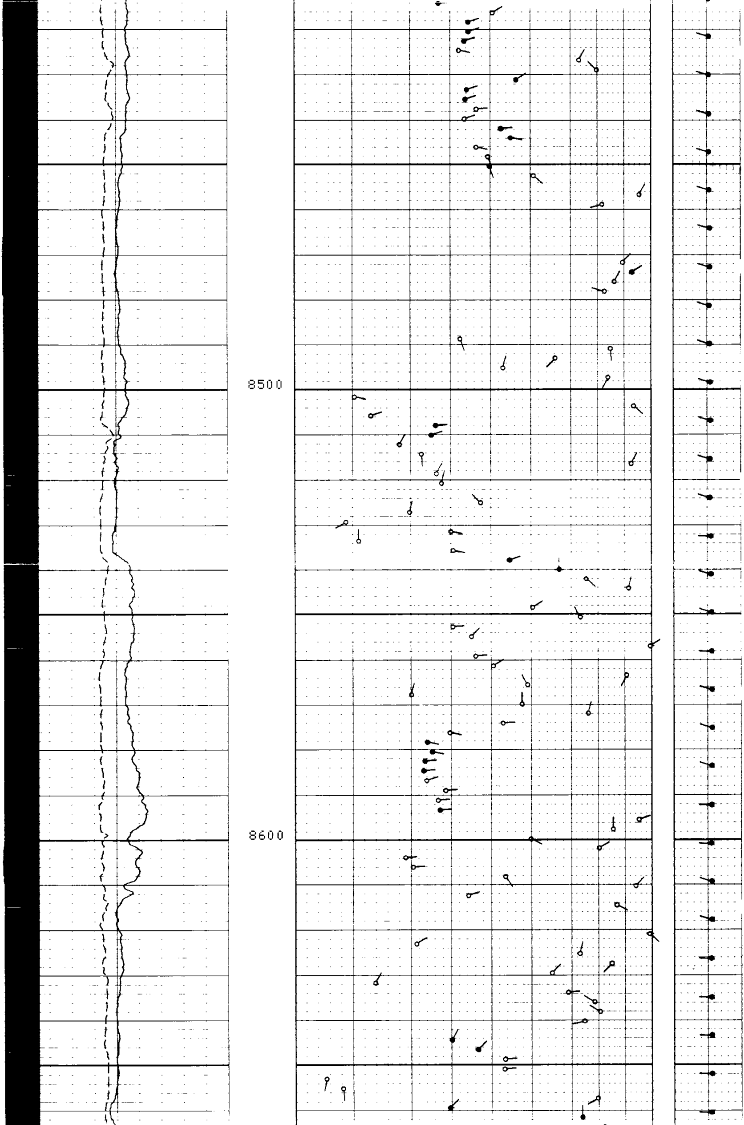


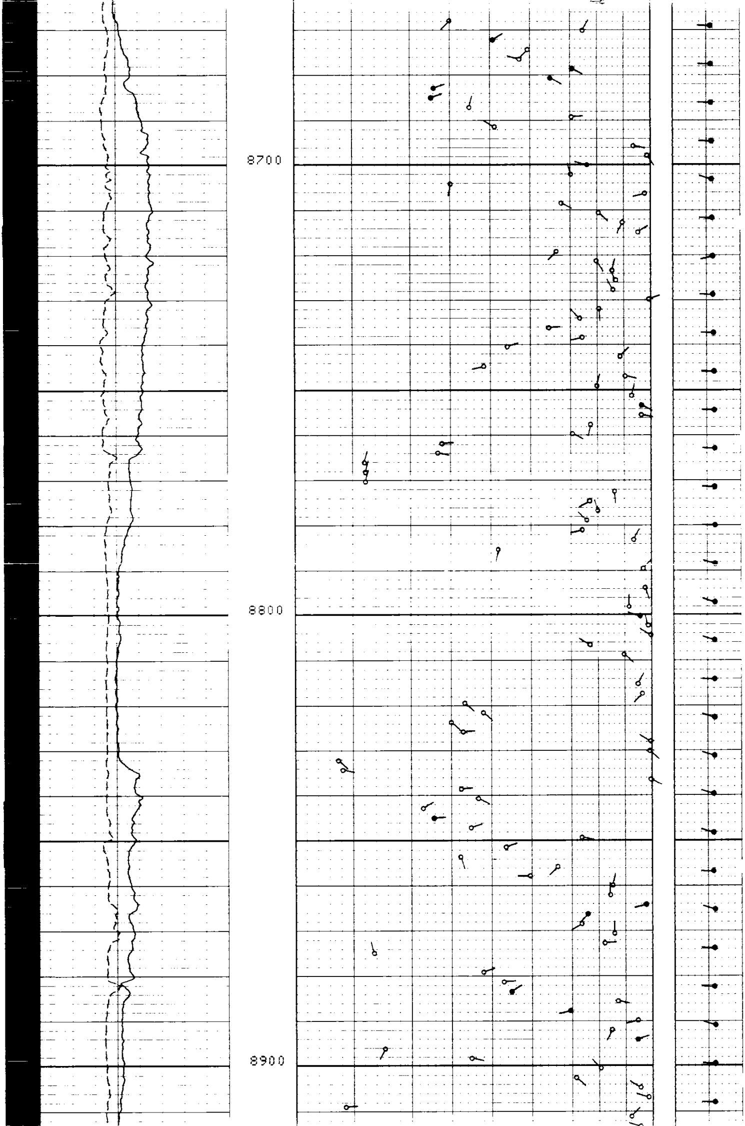


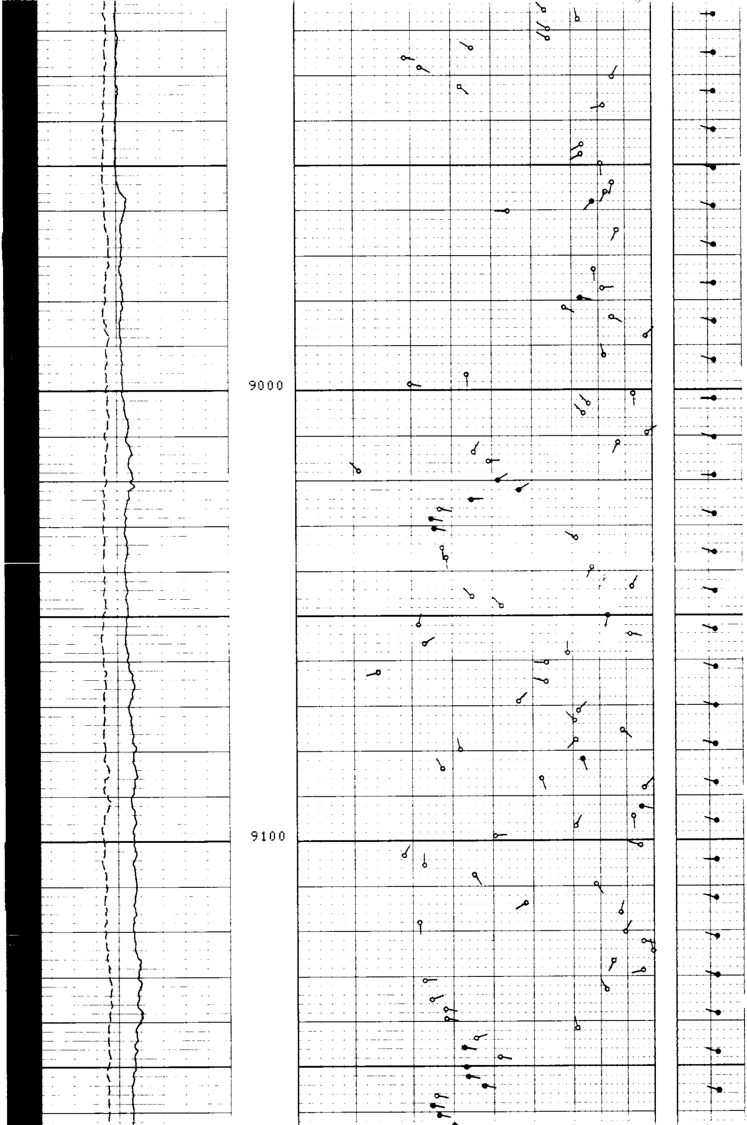


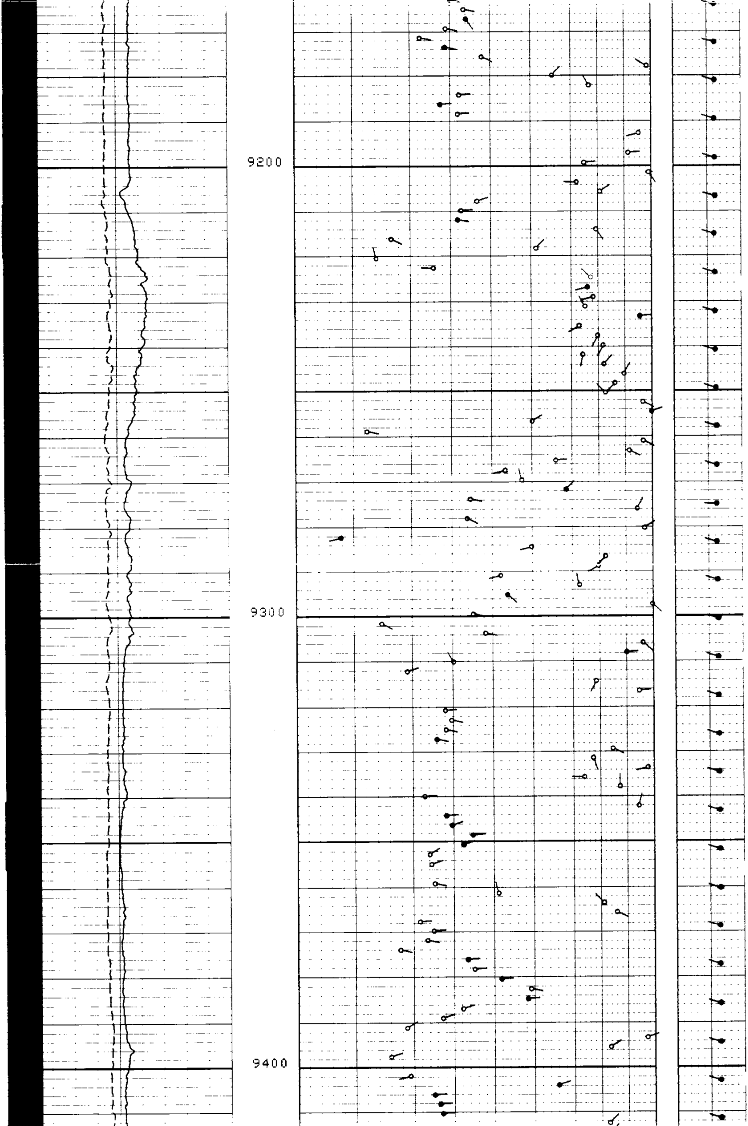


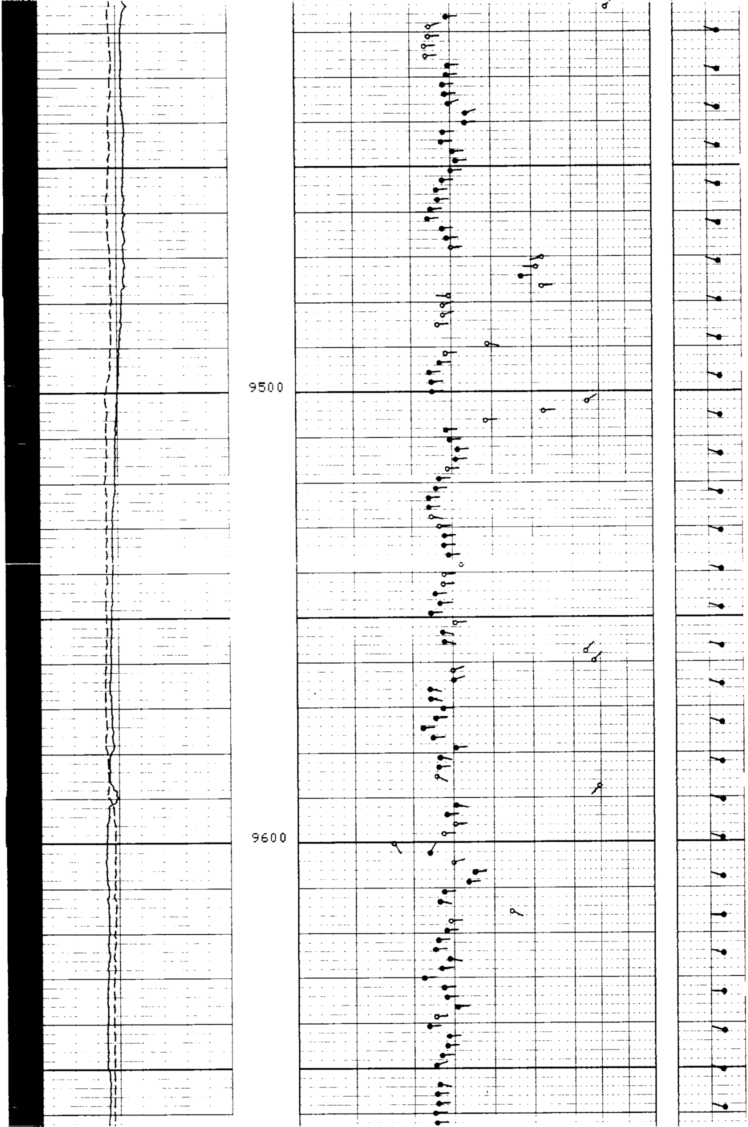


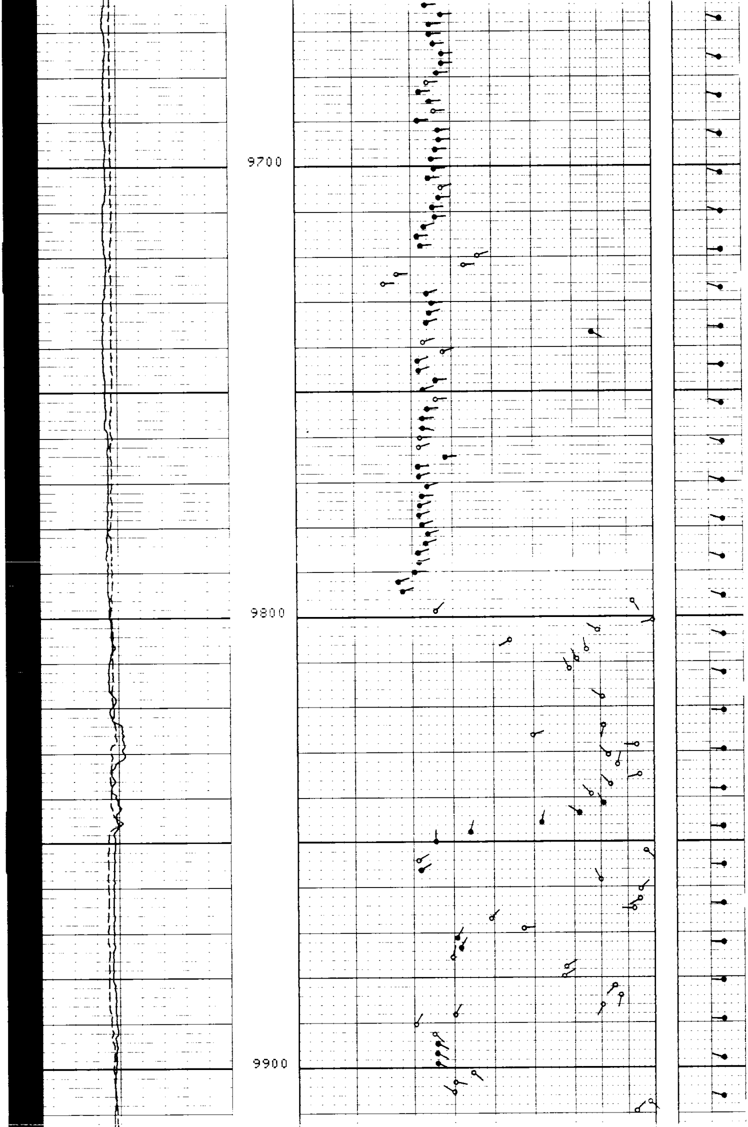


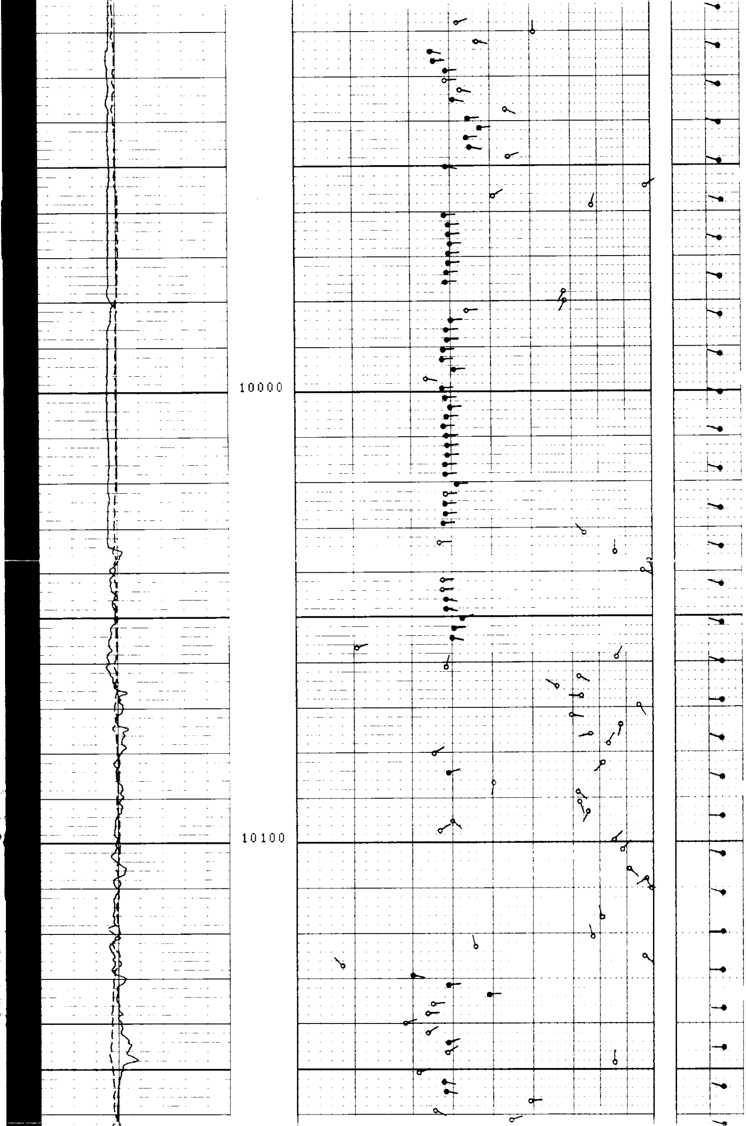


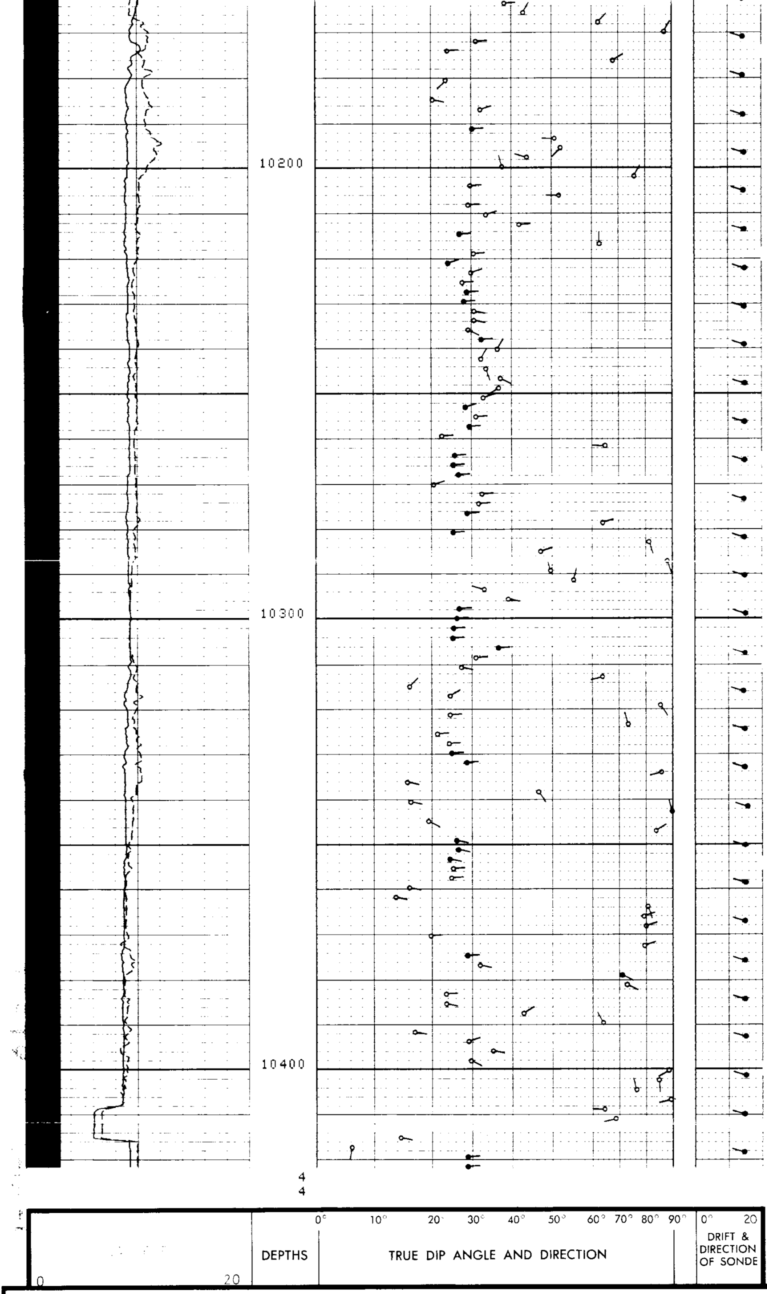












COMPANY	MOBIL OIL CORPORATION	Rm	0.71	@ 71 °F	SCHL. FR	10,410
WELL	IRA BAKER NO. 1	Rmf	0.37	@ 75 °F	SCHL. TD	10,410
FIELD	WILDCAT	Rmc	1.20	@ 76 °F	DRLR TD	10,412
		BHT		184 °F	Elev:	
					KB	363
					DF	--
COUNTY	LINN	STATE	OREGON		GL	340