COUNTY OFFSHORE
FIELD or LOCATION NEWPORT
WELL GREBE NO.1 OCS PO-93 DEEPENING
COMPANY UNION OIL CO.OF CALIFORNIA

SCHLUMBERGER

CONTINUOUS DIPMETER

POLYCLINOMETER
COMPUTED

OCS
P-093

COMPANY UNION OIL COMPANY OF CALIFORNIA
OCS-P-093
TERMINATED
WELL GREBE NO.1 OCS-PO-93 DEEPENING
FIELD NEWPORT
COUNTY OFFSHORE STATE OREGON
LOCATION X= 978,928 Y= 327,172
Other Services: DIL, IES, FDC-GR, BSL-C, CST
Sec. ____ Twp. ____ Rge. ____

Permanent Datum: ____, Elev. ____
Log Measured From ____, ____ Ft. Above Perm. Datum
Drilling Measured From ____
Elev. RT. 68
D.F. ____
G.L. ____

Date	10-3-66			
Run No.	ONE-DPN.			
Depth—Driller	9050			
Depth—Logger	9016			
Btm. Log Interval	9013			
Top Log Interval	5613			
Casing—Driller	5613 @	@	@	@
Casing—Logger	5613			
Bit Size	6¾			
Type Fluid in Hole	LIGNO SULFONATE			
Dens. | Visc.	116 | 77			
pH | Fluid Loss	9.5 | 2.5 ml	ml	ml	ml
Source of Sample	-			
R_m @ Meas. Temp.	.47 @ 80 °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	.20 @ 185 °F	@ °F	@ °F	@ °F
Time Since Circ.	-			
Max. Rec. Temp.	185 °F	°F	°F	°F
Equip. | Location	OSU-C-60SAC			
Recorded By	HALL			
Witnessed By	BRAISLIN			

NOTED
NOV 3 1966
NOTED LAVELLE

NOTED
NOV 7 1966
CYPHER

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	TQ-CDD			
DCM No.	A-184			
Magnetic Declination	21 °E			
Analog Panel No.				
Digital Panel No.	TQP-B-X4			
Correlated By	CDC1604			
Computed By	CDC1604			
Plotted By	CALCOMP			

Remarks --NOTE: 10' INTERVAL, 8' STEP, 60 SAMPLES.
QUALITY INDICATIONS ARE AS FOLLOWS:
CIRCLE-EXCELLENT
SQUARE-GOOD
DIAMOND-FAIR
CROSS-POOR

"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."

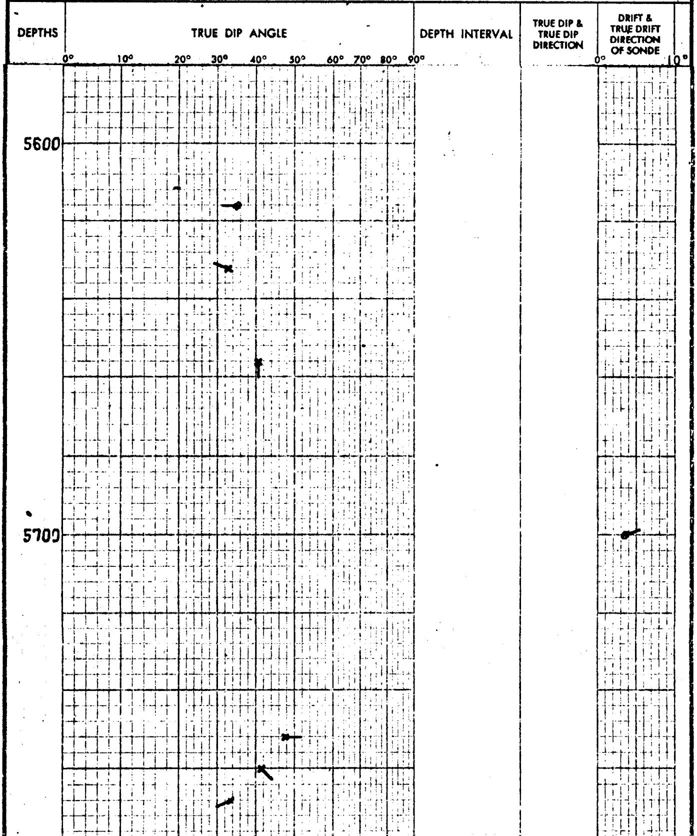
TABLE OF VERTICAL DISPLACEMENT IN FEET CORRESPONDING TO VARIOUS HORIZONTAL DISTANCES AND ANGLES OF DIP

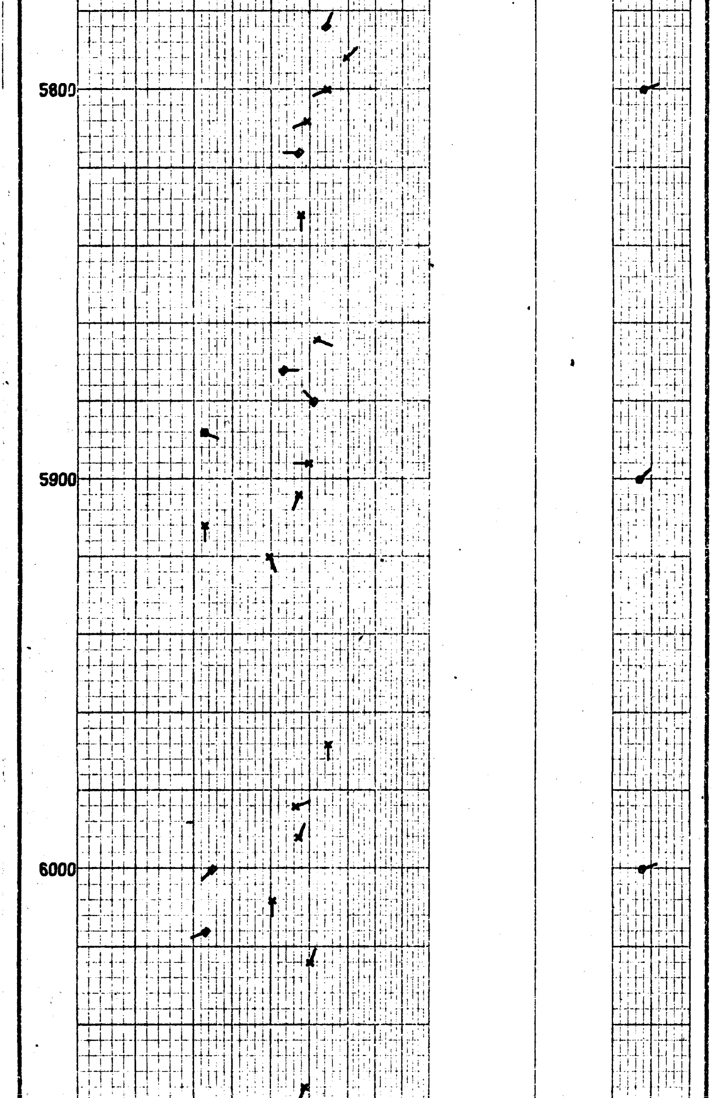
DIP ANGLES (degrees)	VERTICAL DISPLACEMENT FOR HORIZONTAL DISTANCES OF 100'	1000'	1 mile (5280')	DIP ANGLES (degrees)	VERTICAL DISPLACEMENT FOR HORIZONTAL DISTANCES OF 100'	1000'	1 mile (5280')
1	1.75	17.5	92.2	19	34.4	344.	1818.
2	3.5	35.	184.	20	36.4	364.	1922.
3	5.2	52.	277.	21	38.4	384.	2027.
4	7.0	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.

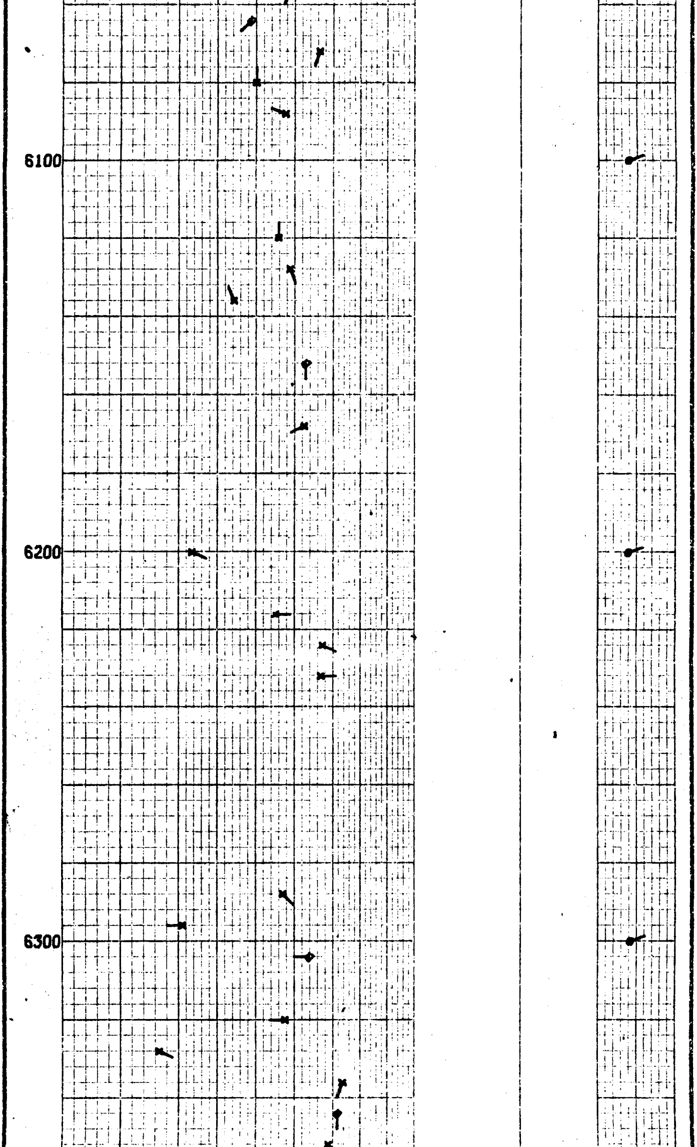
To obtain vertical displacements corresponding to multiples of hundreds feet, thousands of feet or miles, multiply the number found in the table by the number of hundreds, thousands or miles.

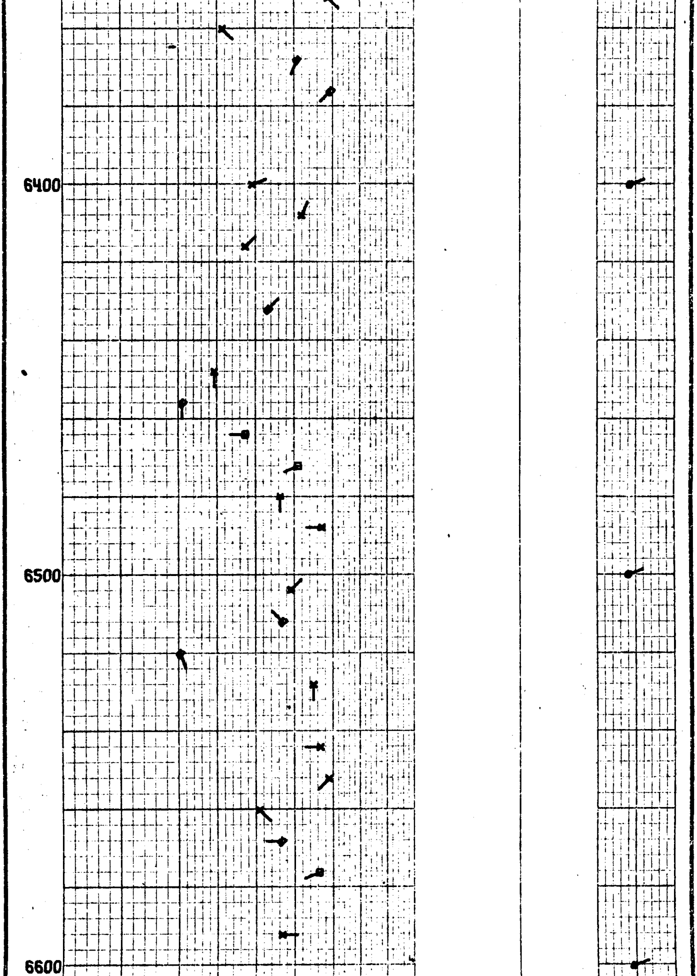
Example: The formation dip is 16 degrees. The vertical displacement occurring at a spot 660 feet away from the well is desired. The table shows 28.7 feet per 100 feet for 16° dip. Therefore 28.7 x 6.60 = 189.42, or 189. feet.

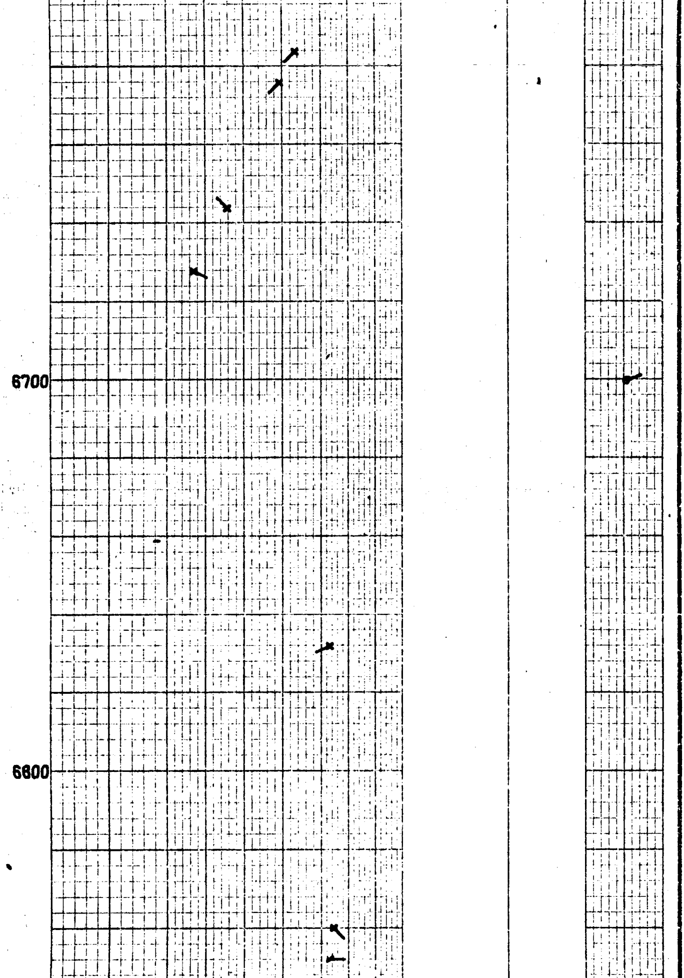
GRAPHIC PRESENTATION

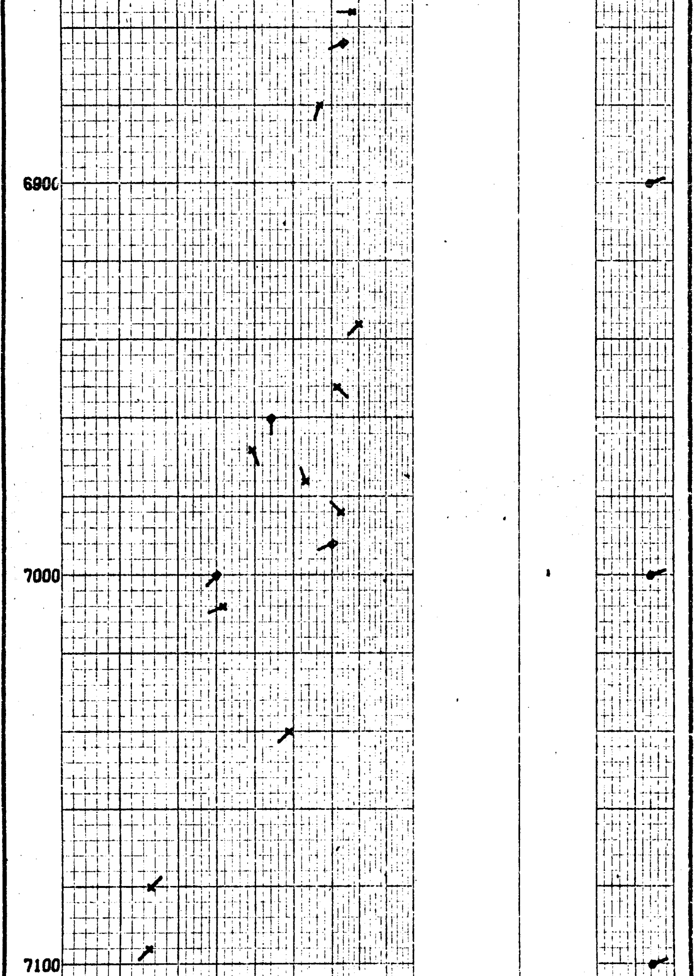


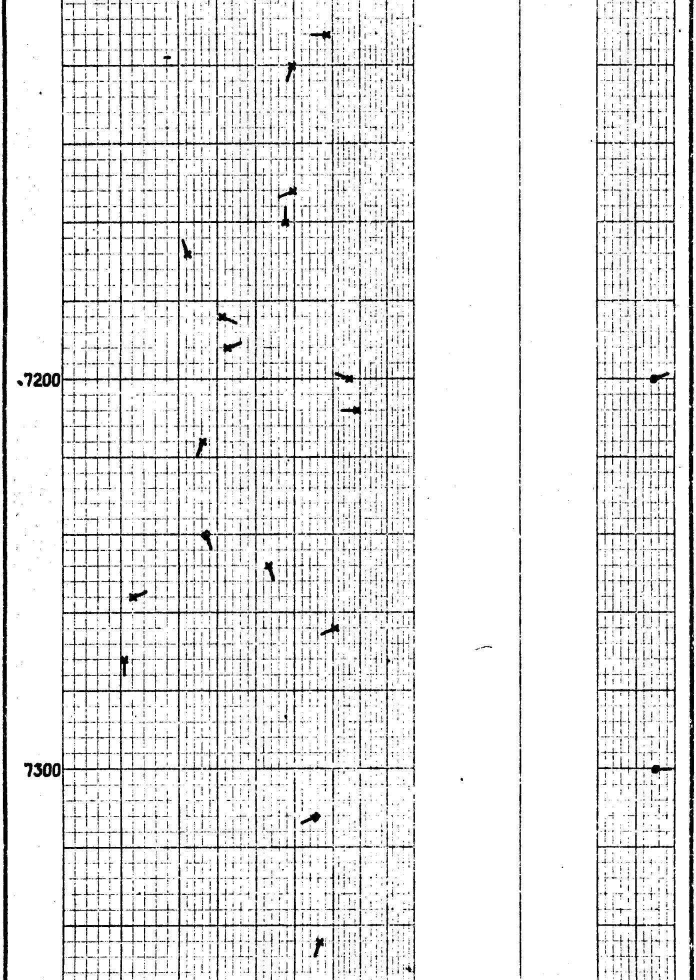


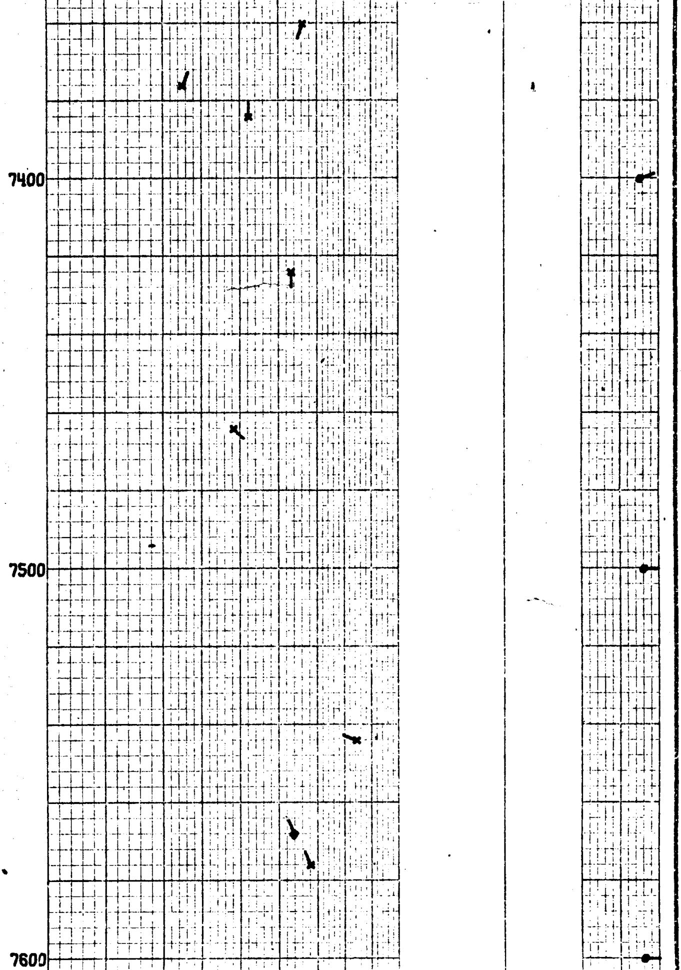


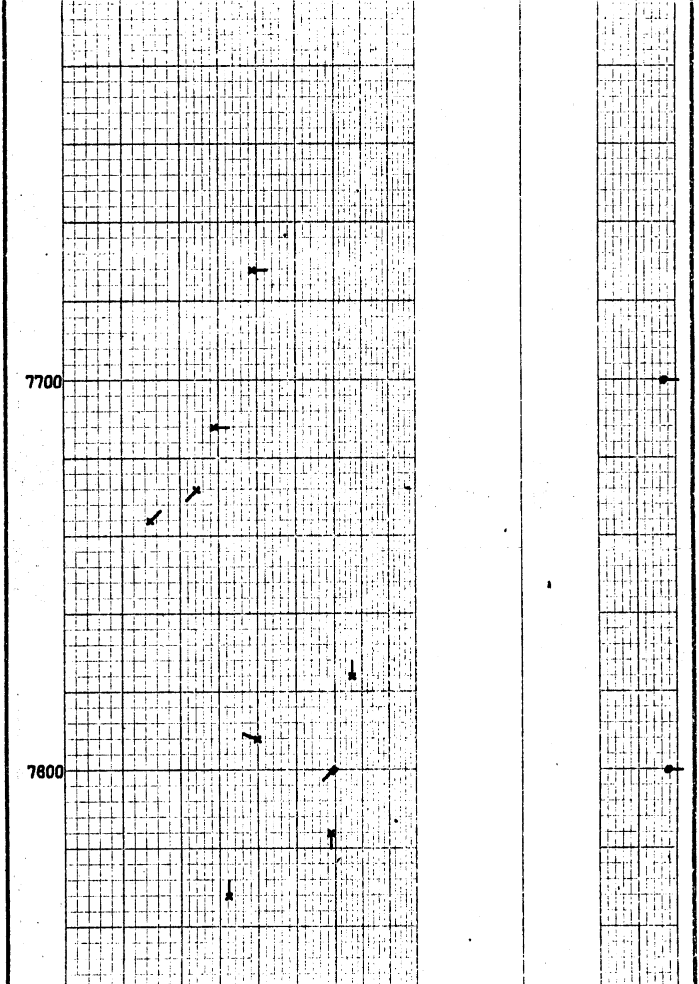


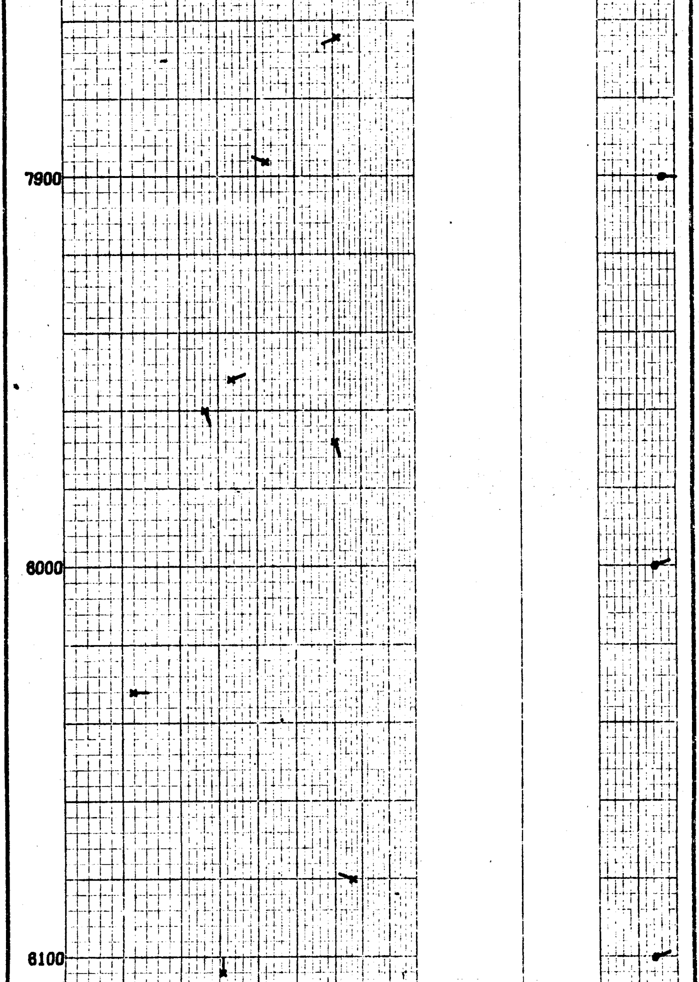


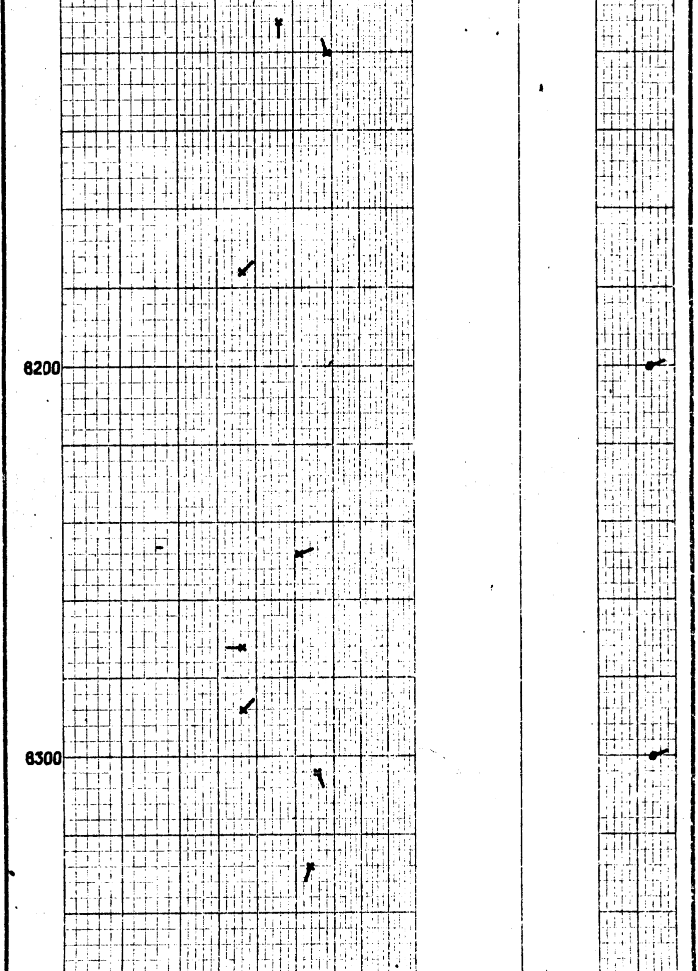


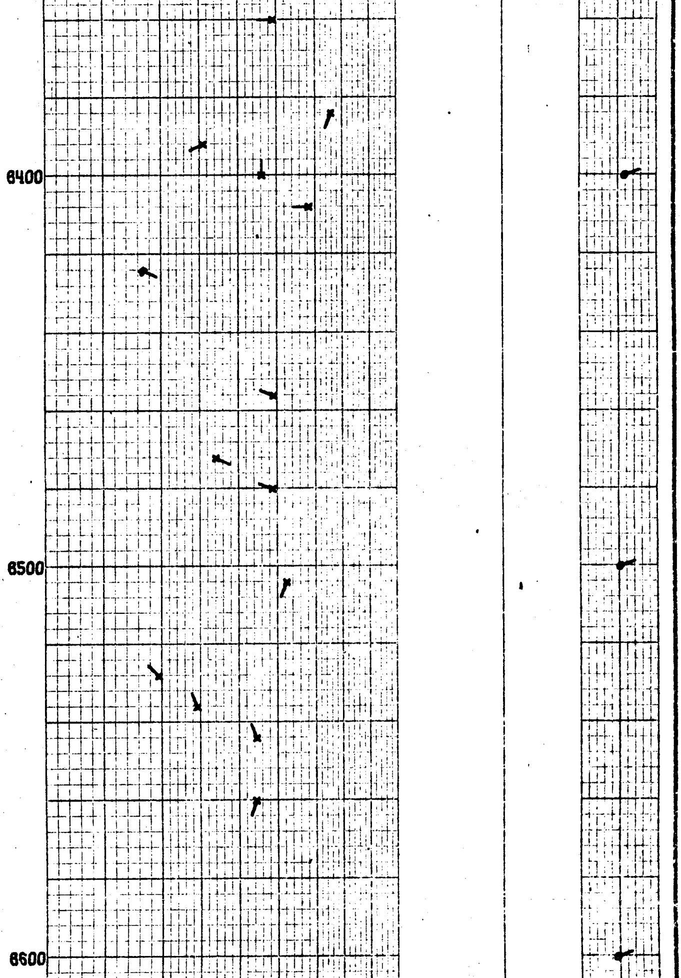


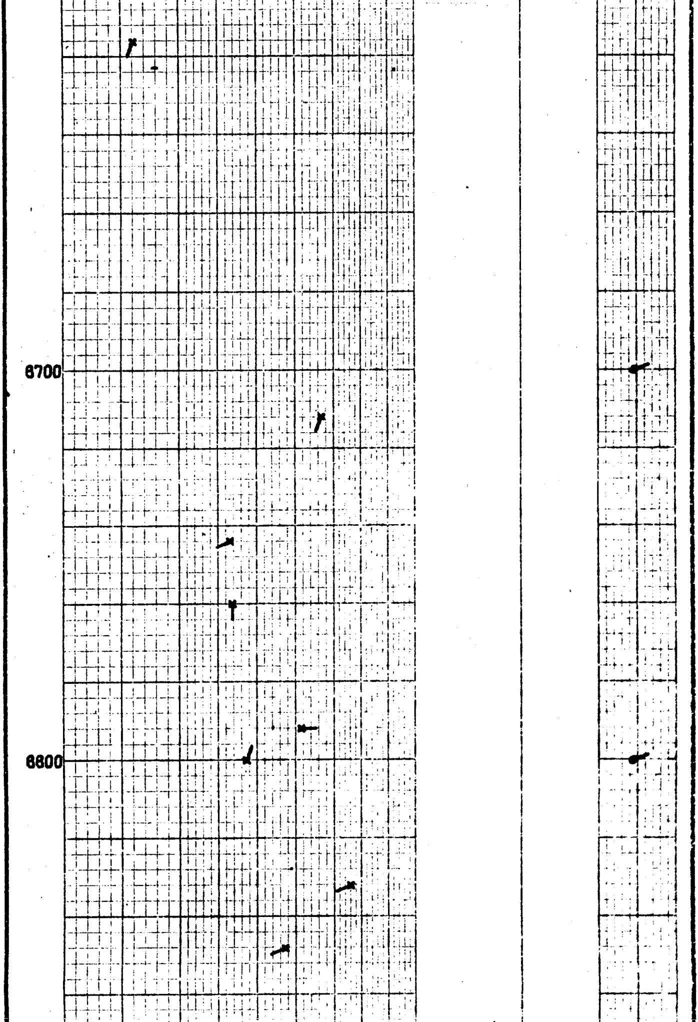


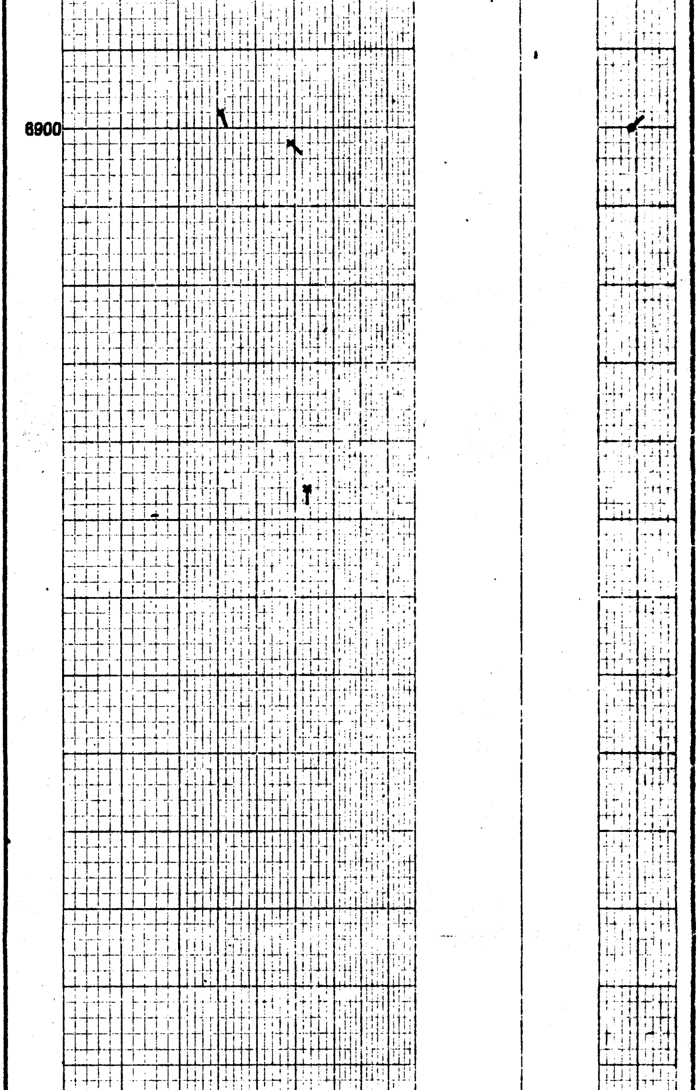


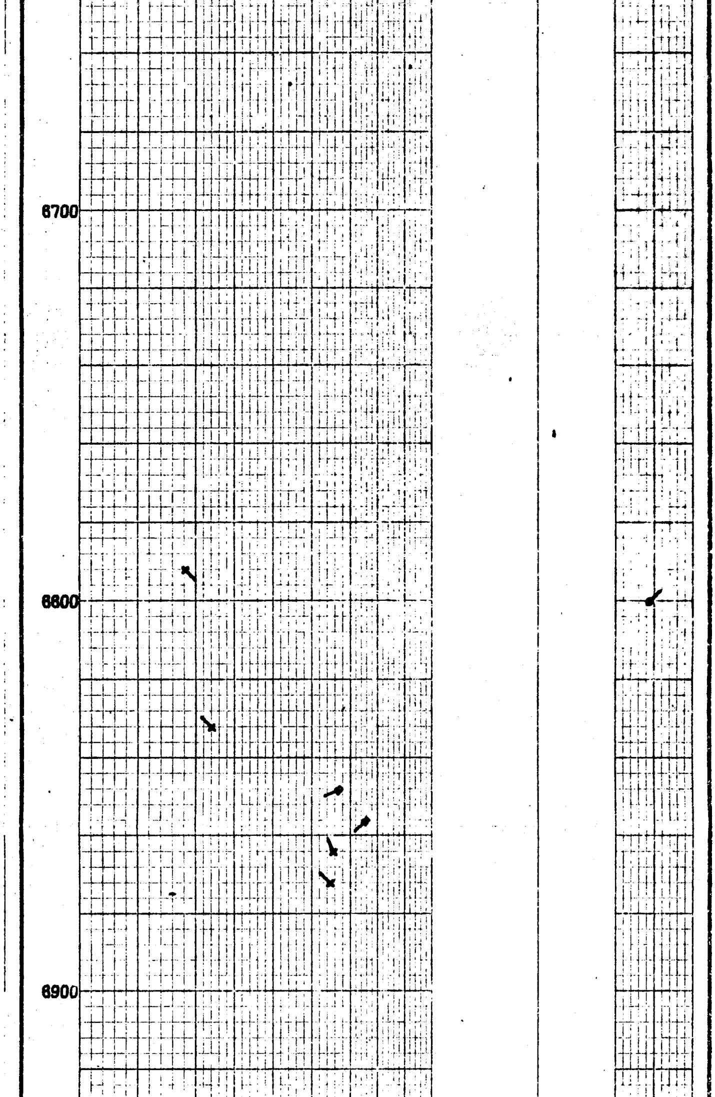


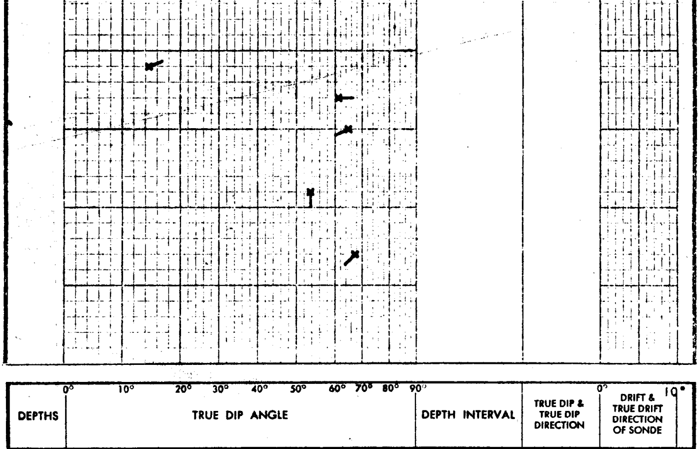












COMPANY UNION OIL COMPANY OF CALIFORNIA

WELL GREBE NO. 1 OCS-PO-93 DEEPENING

FIELD NEWPORT

COUNTY OFFSHORE STATE OREGON

Rm .47 @ 80 °F
Rmf ____ @ ____ °F
Rmc ____ @ ____ °F
BHT 185 °F

SWSC FR 9013
SWSC TD 9016
DRLR TD 9050
Elev:
RT 68
DF ____
GL ____