SCHLUMBERGER

CONTINUOUS DIPMETER

OTECLINOMETER

COMPUTED

COUNTY	OFFSHORE
FIELD or LOCATION	FLORENCE W.HECATE
WELL	OCS PO 130 FULMAR NO.1
COMPANY	UNION OIL CO.OF CALIFORNIA

COMPANY UNION OIL COMPANY OF CALIFORNIA

TERMINATED

WELL OCS PO 130 FULMAR NO.1

FIELD FLORENCE- W.HECATE

COUNTY OFFSHORE STATE OREGON

LOCATION 910,145 X 899,120 Y

Other Services:

Sec. Twp. Rge.

Permanent Datum: , Elev.

Log Measured From , Ft. Above Perm. Datum

Drilling Measured From

Elev.: RT 68
D.F.
MLLW 0

Date	7-28-66			
Run No.	TWO			
Depth—Driller	8297			
Depth—Logger	8000			
Btm. Log Interval	7984			
Top Log Interval	5014			
Casing—Driller	5004 @	@	@	@
Casing—Logger	5014			
Bit Size	8¾			
Type Fluid in Hole	FRESH			
Dens. | Visc.	108 58			
pH | Fluid Loss	8.5 2.4ml	ml	ml	ml
Source of Sample	-			
R_m @ Meas. Temp.	2.2 @ 78 °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	1.05 @ 165°F	@ °F	@ °F	@ °F
Time Since Circ.	-			
Max. Rec. Temp.	165°F	°F	°F	°F
Equip. | Location	OSU-CF-60 SAC			
Recorded By	ANDERSEN			
Witnessed By	BILLMAN			

OCS
PO 13
FULM
1

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-23		
Magnetic Declination		20°E		
Analog Panel No.				
Digital Panel No.		NA		
Correlated By		CDC3600		
Computed By		CDC3600		
Plotted By		CALCOMP		

Remarks --NOTE: THE BASE OF THE ARROW INDICATES THE QUALITY OF THE LEVELS AS FOLLOWS:
CIRCLE-EXCELLENT
SQUARE-GOOD
DIAMOND-FAIR

"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

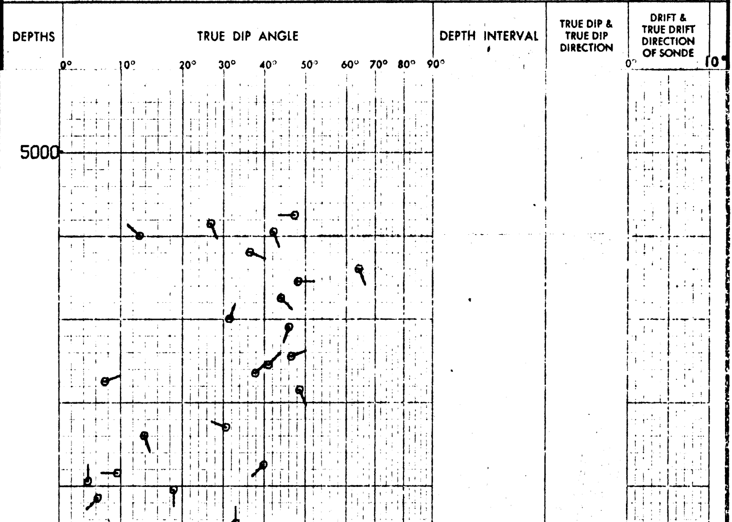
VARIOUS HORIZONTAL DISTANCES AND ANGLES OF DIP

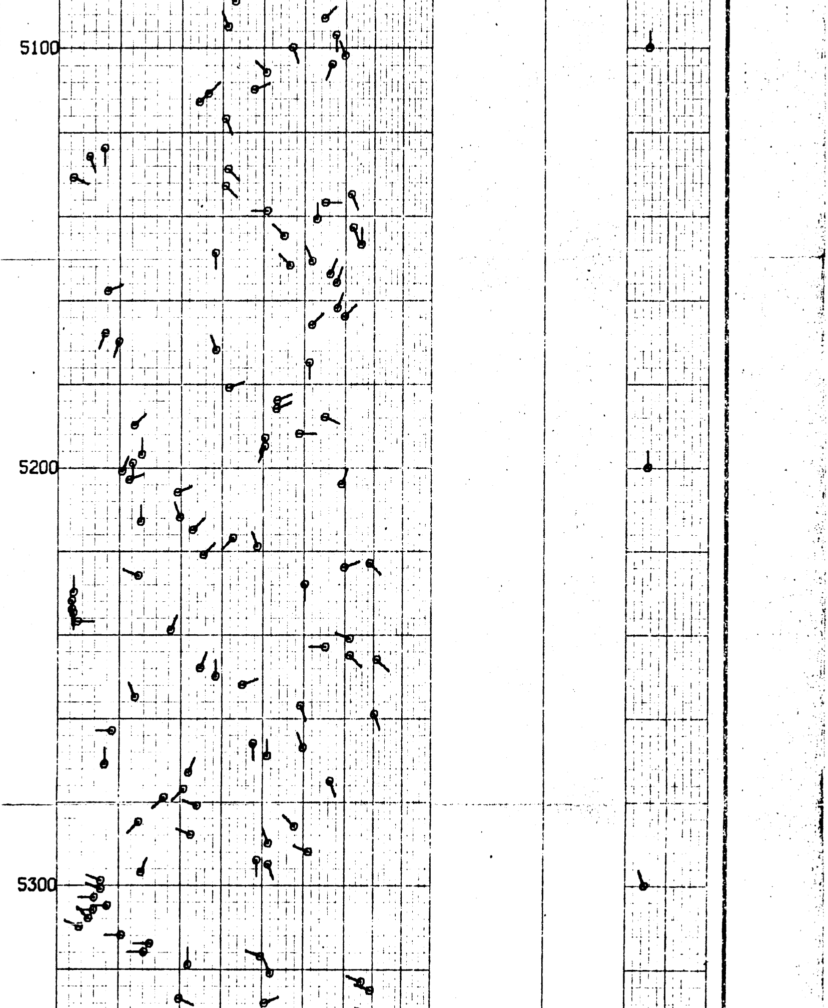
	VERTICAL DISPLACEMENT FOR HORIZONTAL DISTANCES OF				VERTICAL DISPLACEMENT FOR HORIZONTAL DISTANCES OF		
DIP ANGLES (degrees)	100′	1000′	1 mile (5280′)	DIP ANGLES (degrees)	100′	1000′	1 mile (5280′)
1	1.75	17.5	92.2	19	34.4	344.	1818.
2	3.5	35.	184.	20	36.4	364.	1922.
3	5.2	52.	277.	21	38.4	384.	2027.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

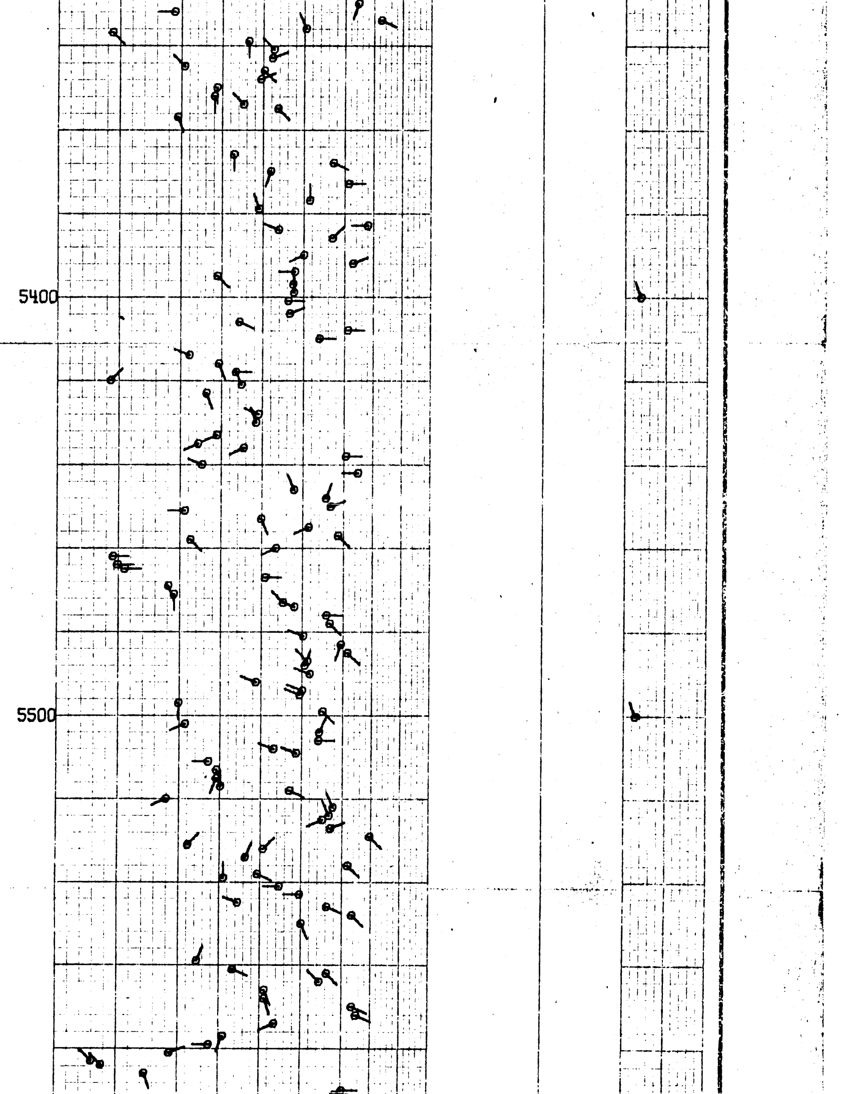
To obtain vertical displacements corresponding to multiples of hundreds feet, thousands of feet or miles, multiply the number found in the table by the number of hundreds, thousands or miles.

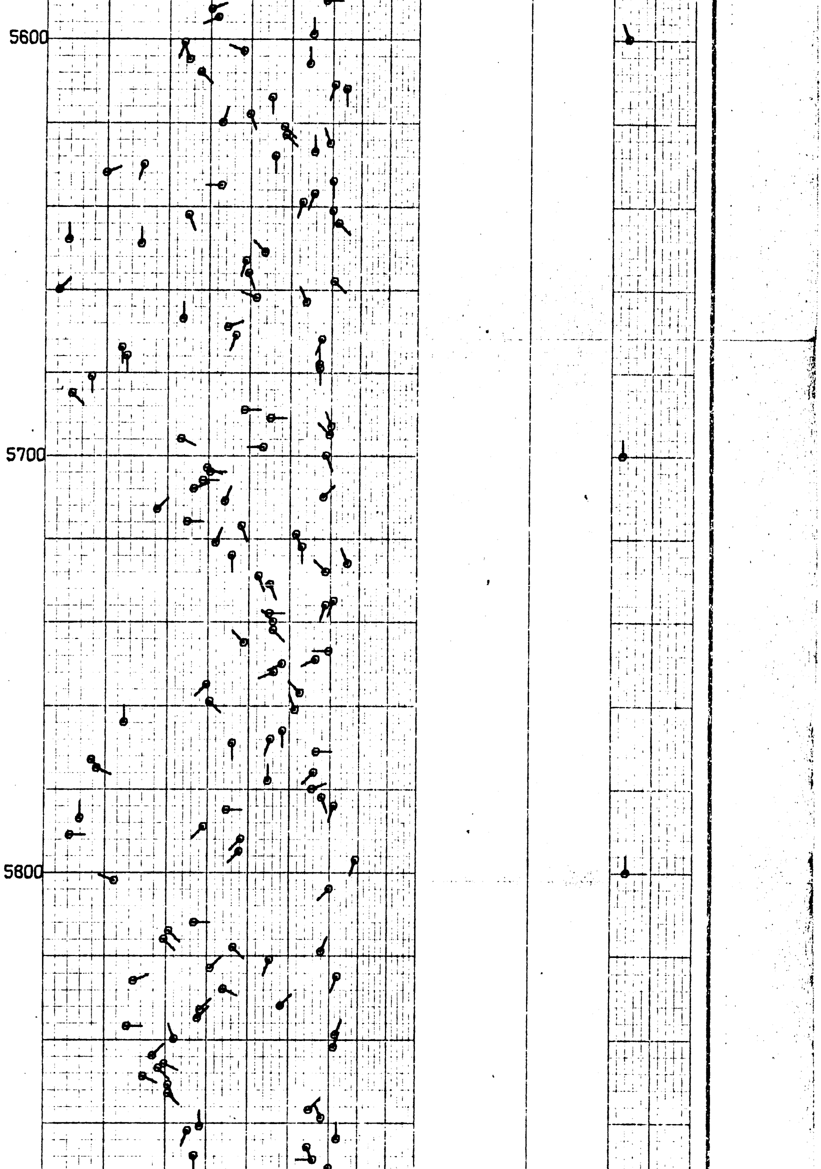
Example: The formation dip is 16 degrees. The vertical displacement occurring at a spot 660 feet away from the well is desired. The table shows 28.7 feet per 100 feet for 16° dip. Therefore 28.7 x 6.60 = 189.42, or 189. feet.

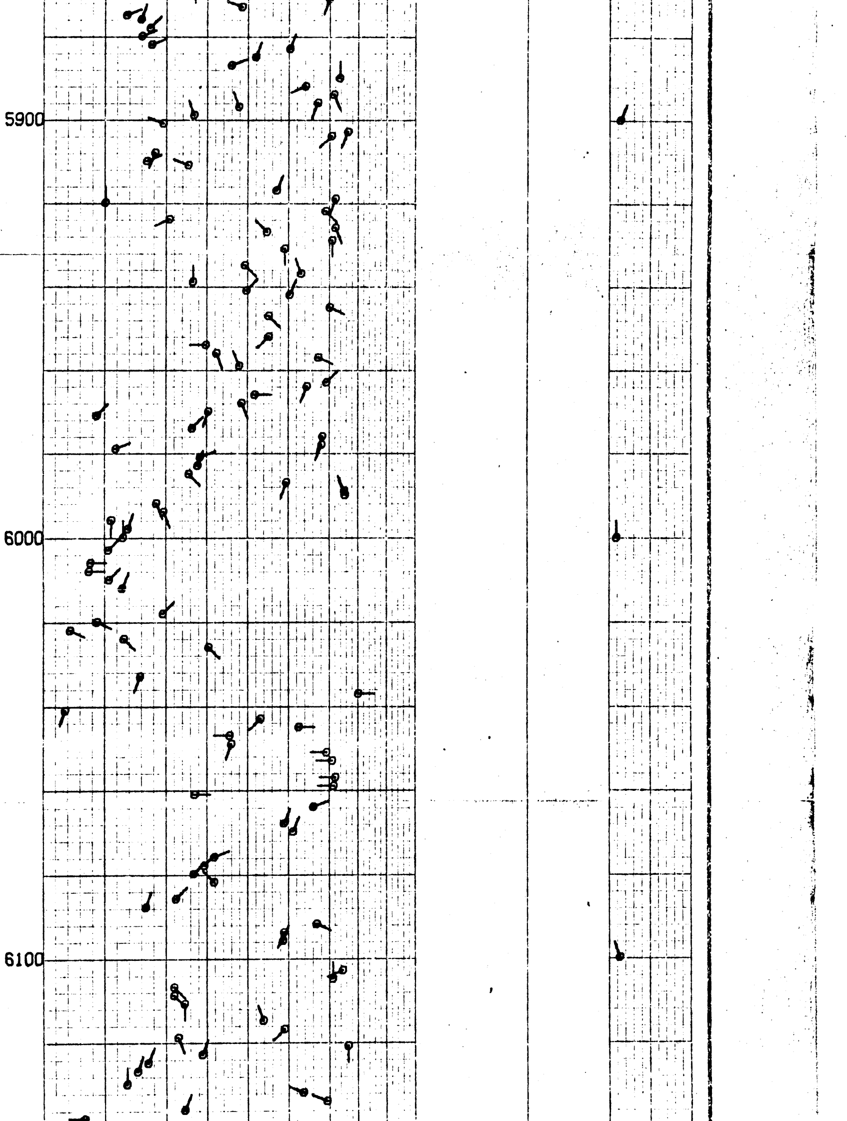
GRAPHIC PRESENTATION

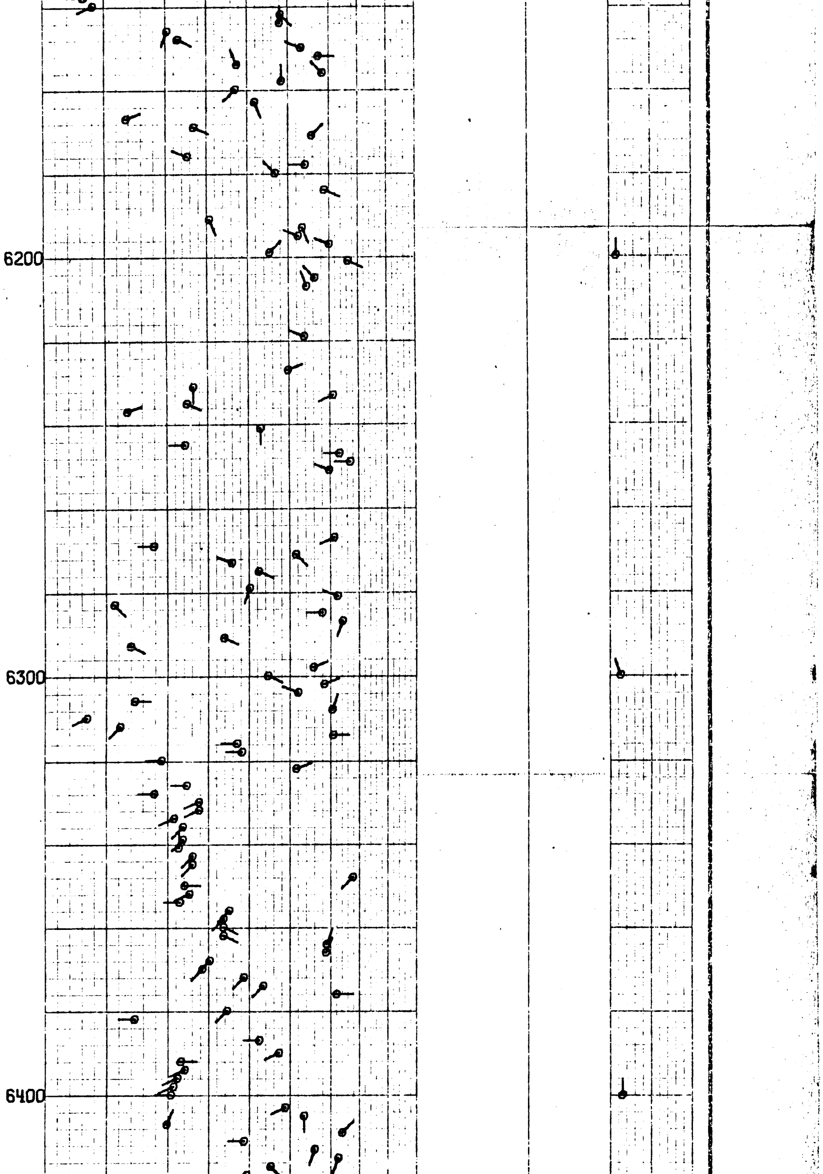


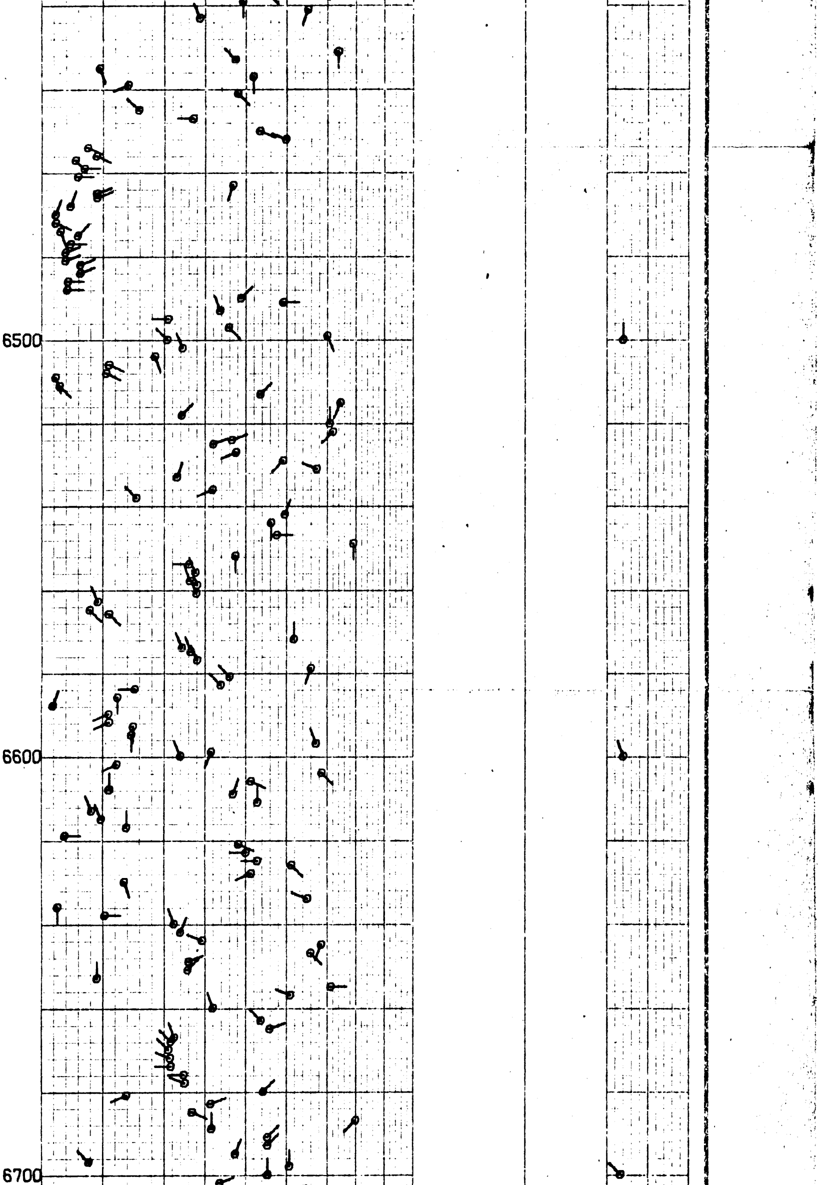


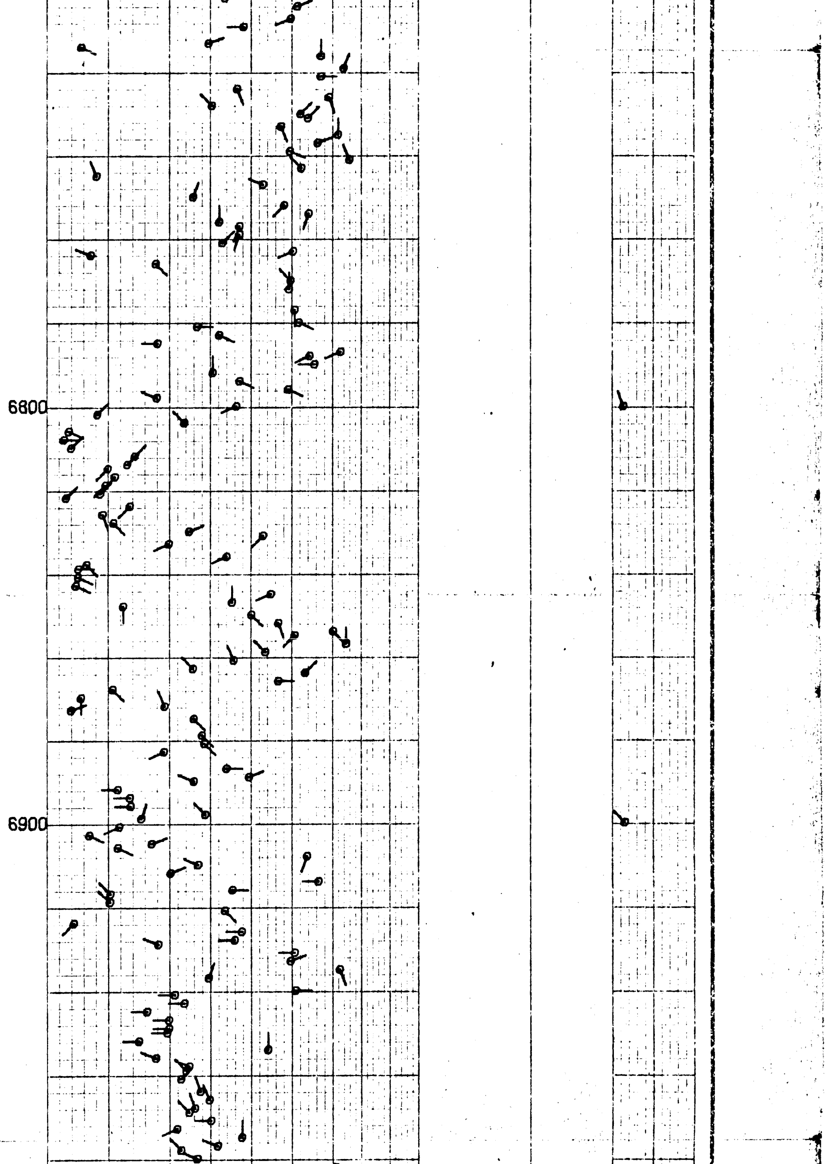


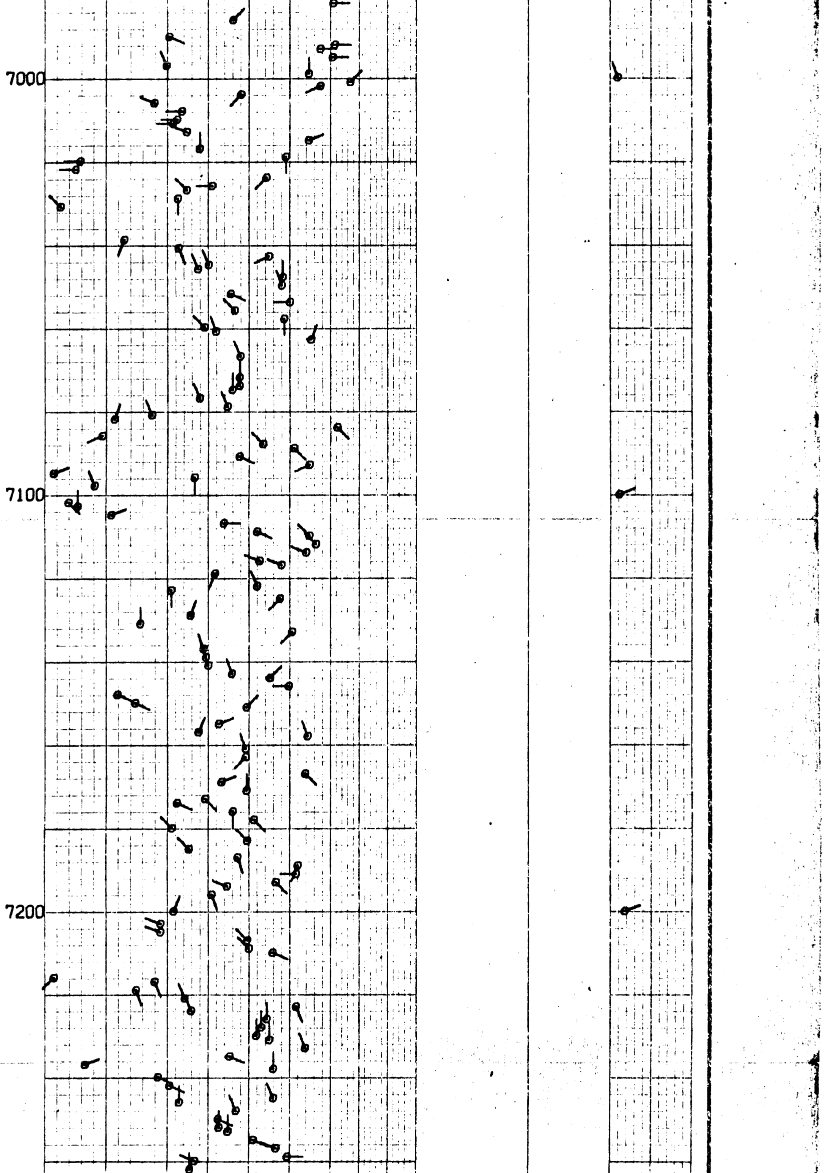


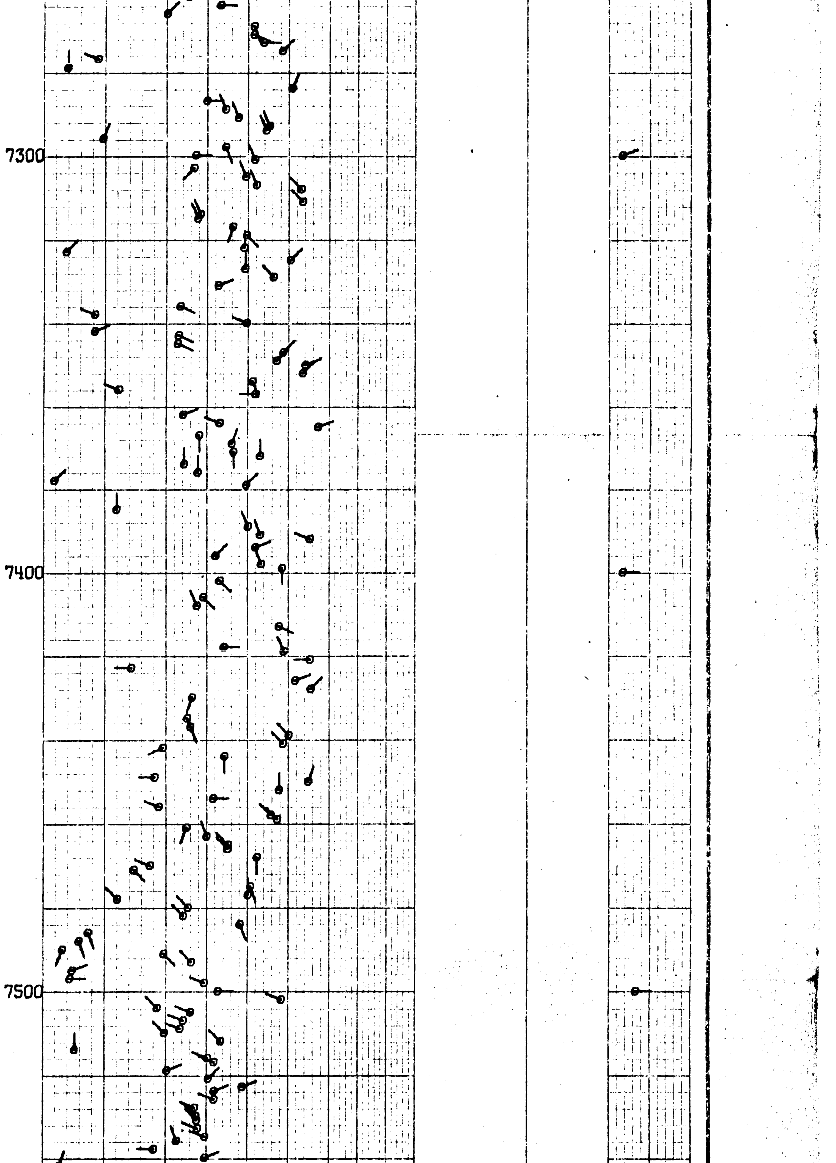


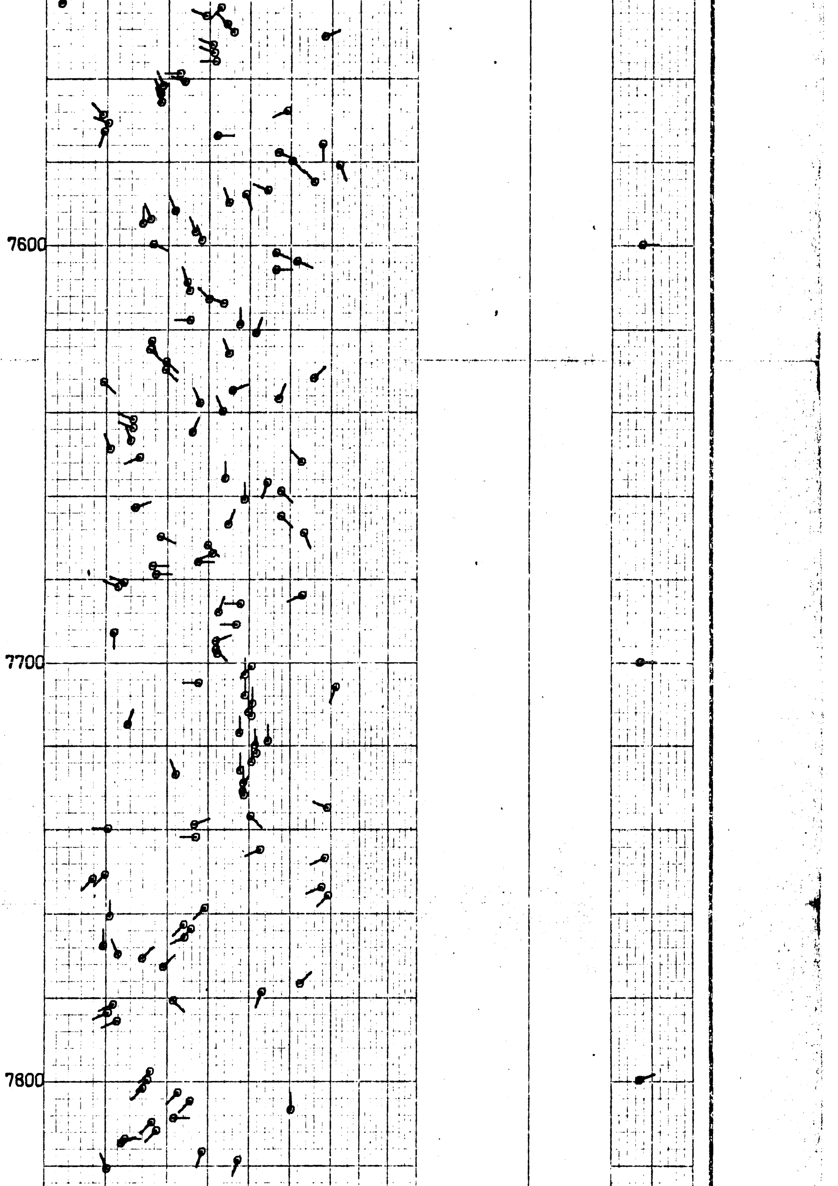


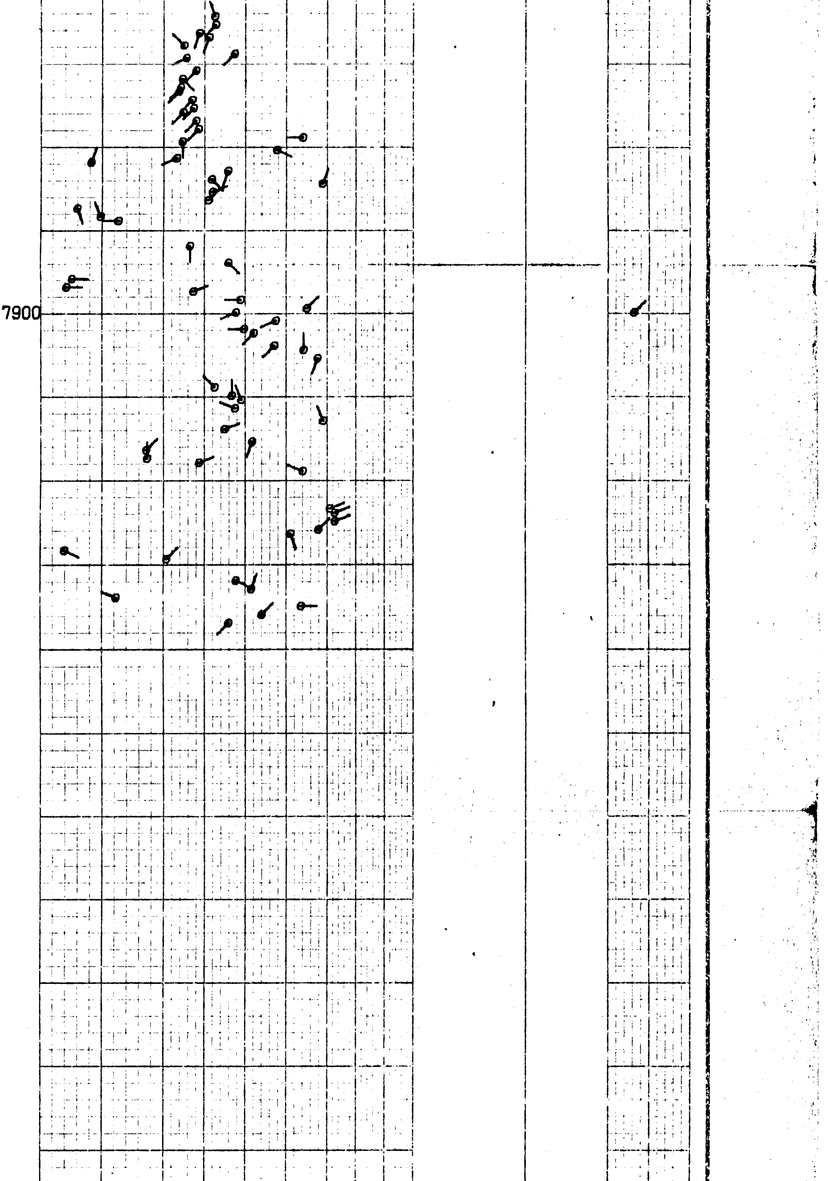


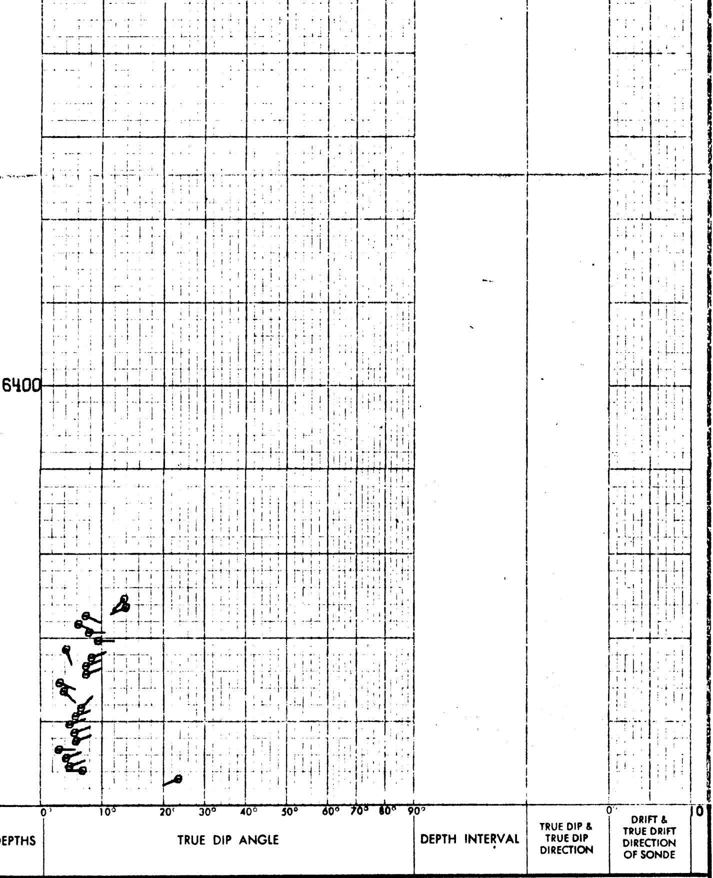












COMPANY UNION OIL COMPANY OF CALIFORNIA

WELL OCS PO 130 FULMAR NO. 1

FIELD FLORENCE W. HECATE

COUNTY OFFSHORE STATE OREGON

Rm 2.2 @ 78 °F
Rmf - @ - °F
Rmc - @ - °F
BHT 165 °F

SWSC FR 7984
SWSC TD 8000
DRLR TD 8297
Elev:
RT 68
DF
MLLW 0