2"

COUNTY
FIELD or
LOCATION
WELL
COMPANY

SCHLUMBERGER

BOREHOLE COMPENSATED SONIC LOG (WITH CALIPER)

COMPANY STANDARD OIL COMPANY OF CALIF

WELL BLUE MOUNTAIN UNIT #1

FIELD EXPLORATORY

COUNTY MALHEUR STATE OREGON

LOCATION 2430' from South Line
200' from West Line

Sec. 34 Twp. 37S Rge. 41E

Other Services:

Permanent Datum: GL , Elev. 5591
Log Measured From KB , 17 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 5608
D.F.
G.L. 5591

Date	7-2-73	8-4-73		
Run No.	1	TWO		
Depth—Driller	2015	8414		
Depth—Logger	2015	8421		
Btm. Log Interval	2014	8418		
Top Log Interval	172	2015		
Casing—Driller	16 @ 171	10¾ @ 2015	@	@
Casing—Logger	172	2015		
Bit Size	15"	9⅞"		
Type Fluid in Hole	GEL-DEXTRID FULL	→		
Dens. Visc.	68 19	67½ 55		
pH Fluid Loss	8.5 8 ml	8.0 7.6 ml	ml	ml
Source of Sample	CIRCULATED	FLOWLINE		
R_m @ Meas. Temp.	2.38 @ 90 °F	2.18 @ 95 °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	2.29 @ 85 °F	2.03 @ 82 °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	2.0 @ 85 °F	2.88 @ 82 °F	@ °F	@ °F
Source: R_{mf} R_{mc}	M C	M M		
R_m @ BHT	2.3 @ 96 °F	0.90 @ 206 °F	@ °F	@ °F
Time Since Circ.	3½	14½		
Max. Rec. Temp.	96 °F	206 °F	°F	°F
Equip. Location	5106 SAC	5106 SAC		
Recorded By	ANDERSEN	FRIDLEY		
Witnessed By	GILBERT	YECKL		

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

FOLD HERE

REMARKS

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

Scale Changes

Type Log	Depth	Scale Up Hole	Scale Down Hole

Equipment Data

Run No.	Tool Type	Tool Position	Other
1	BHC	CENTERED	
TWO	BHC	CENTERED	

C.D.: S.O.:

Equip. Used: CART. No. C 329

PANEL No. JF 226

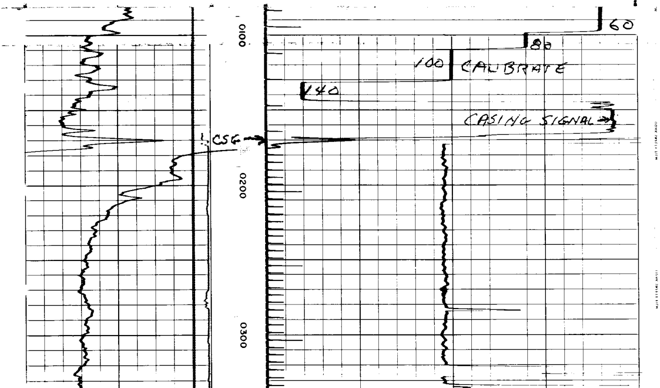
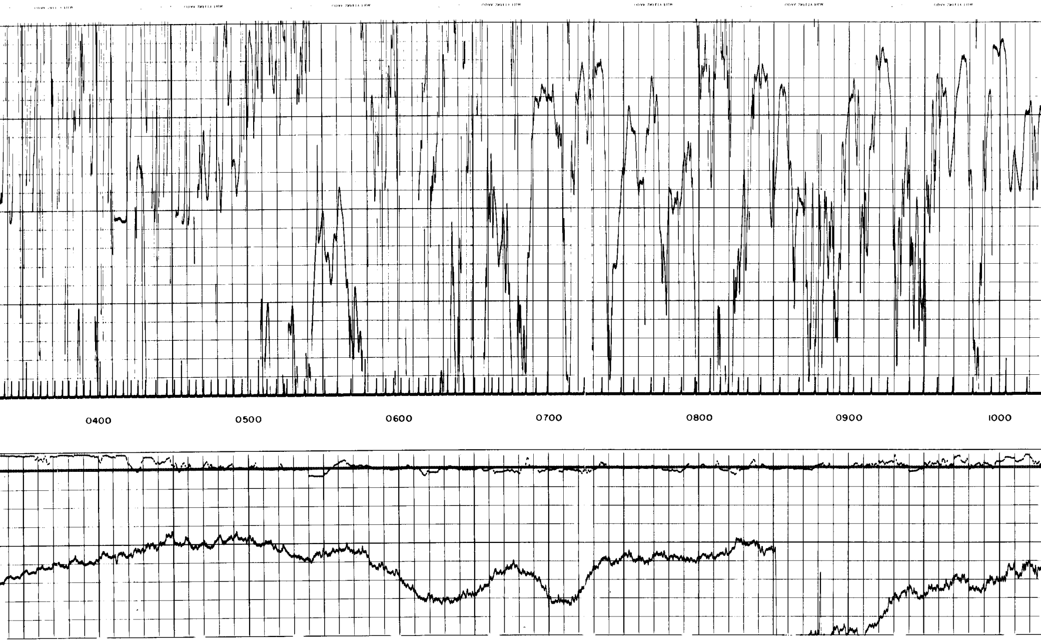
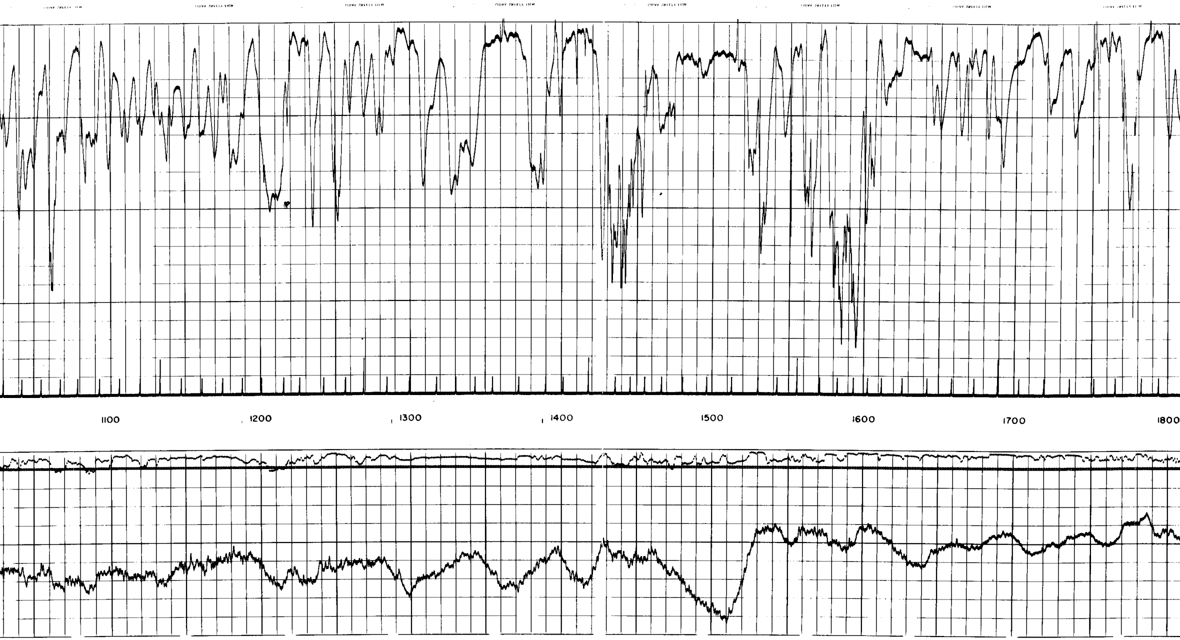
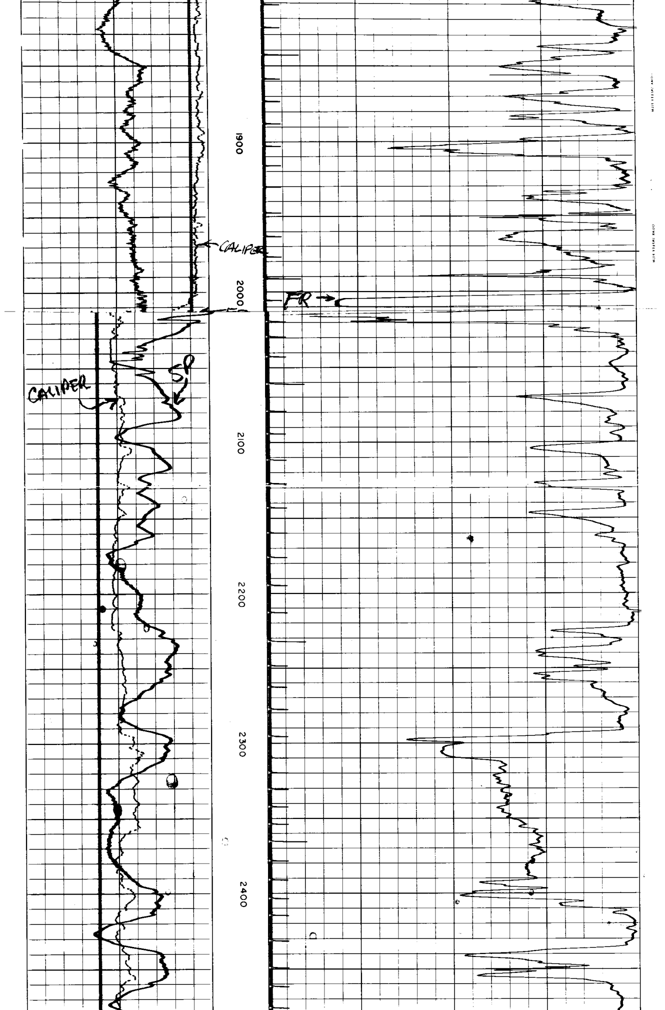
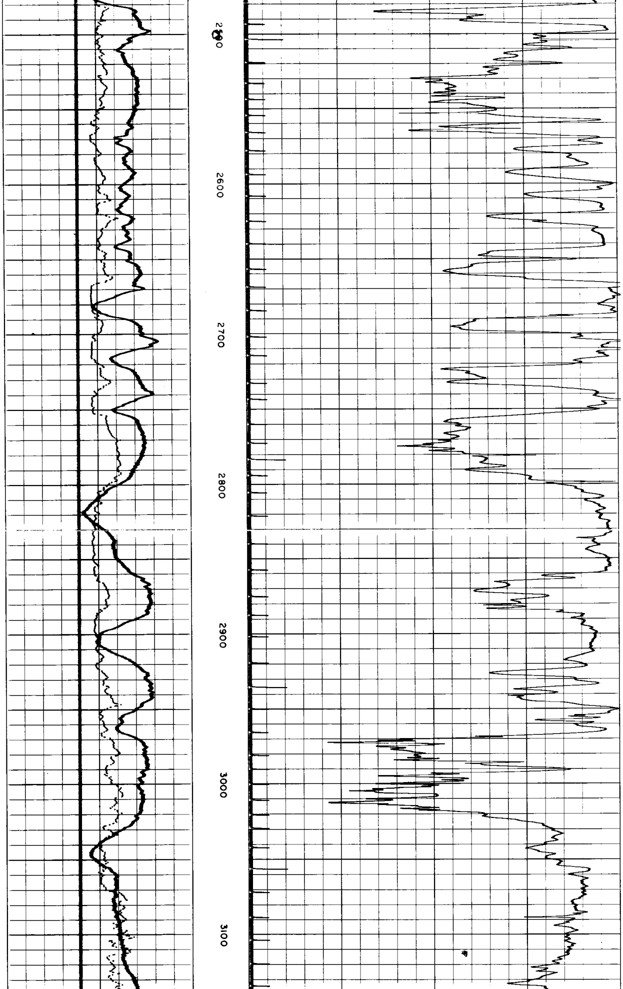
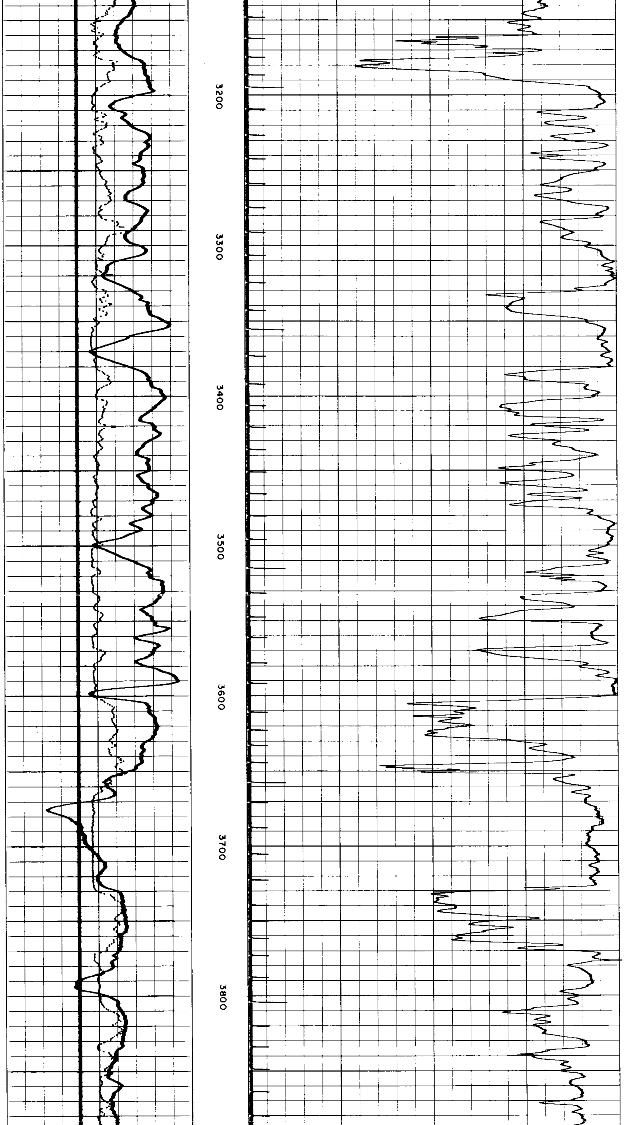
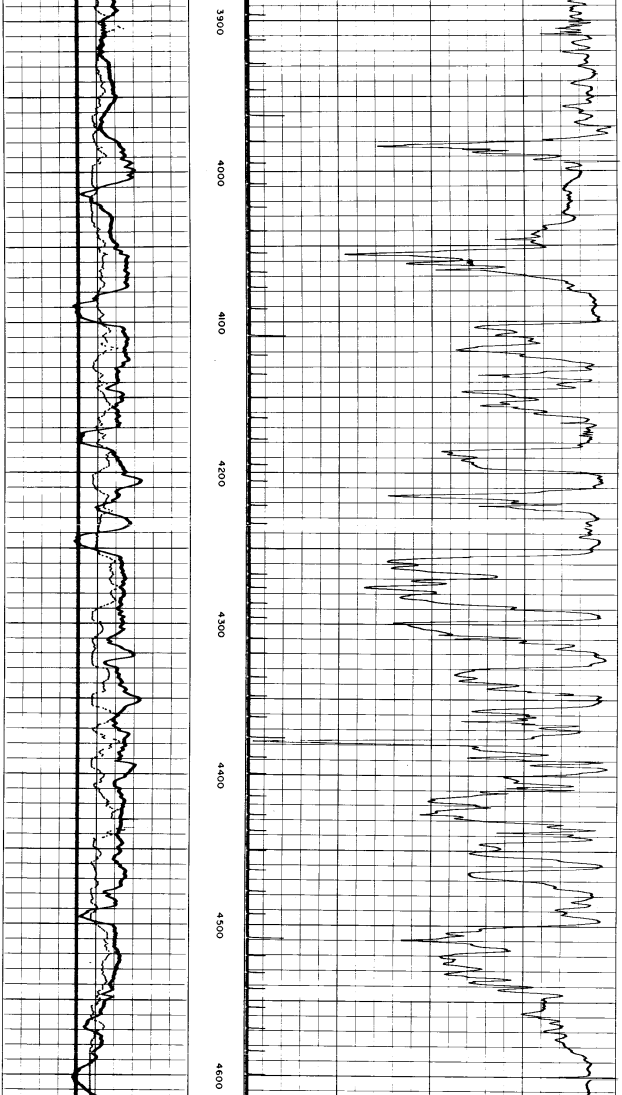
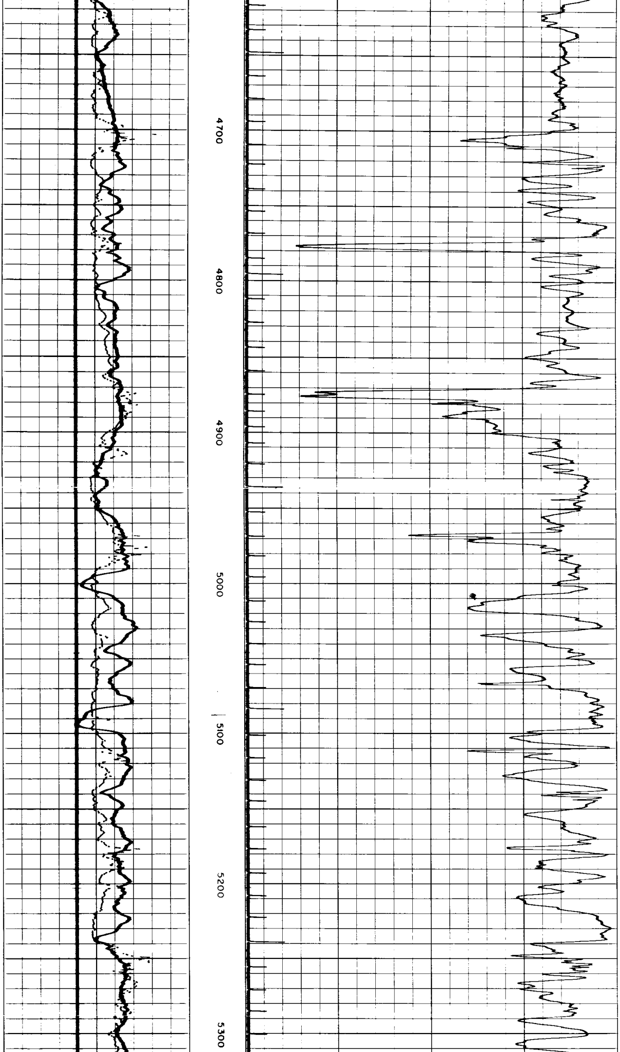
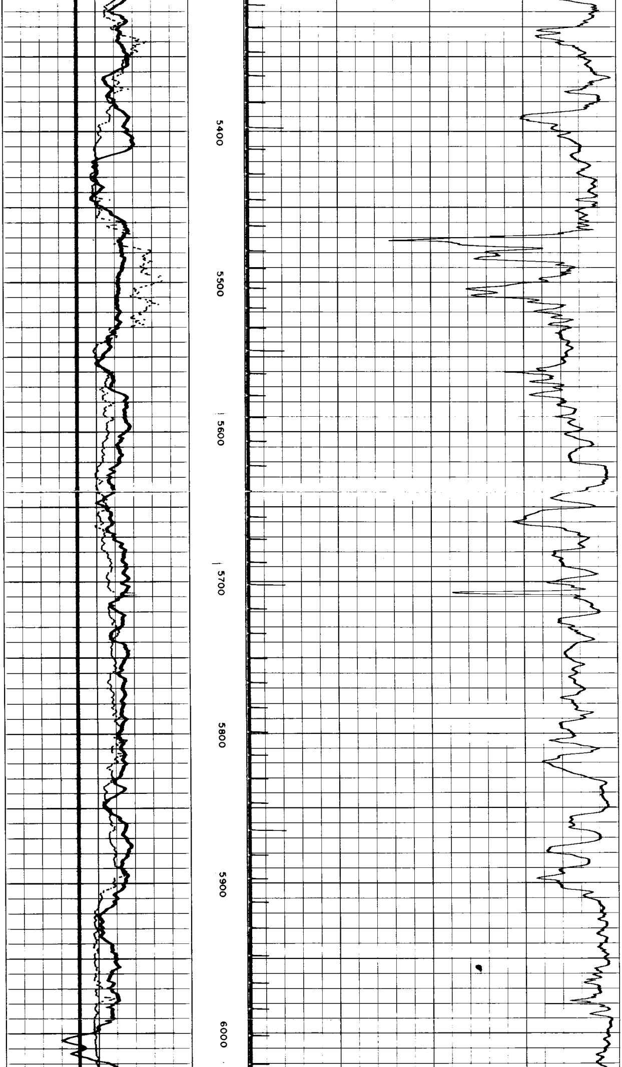
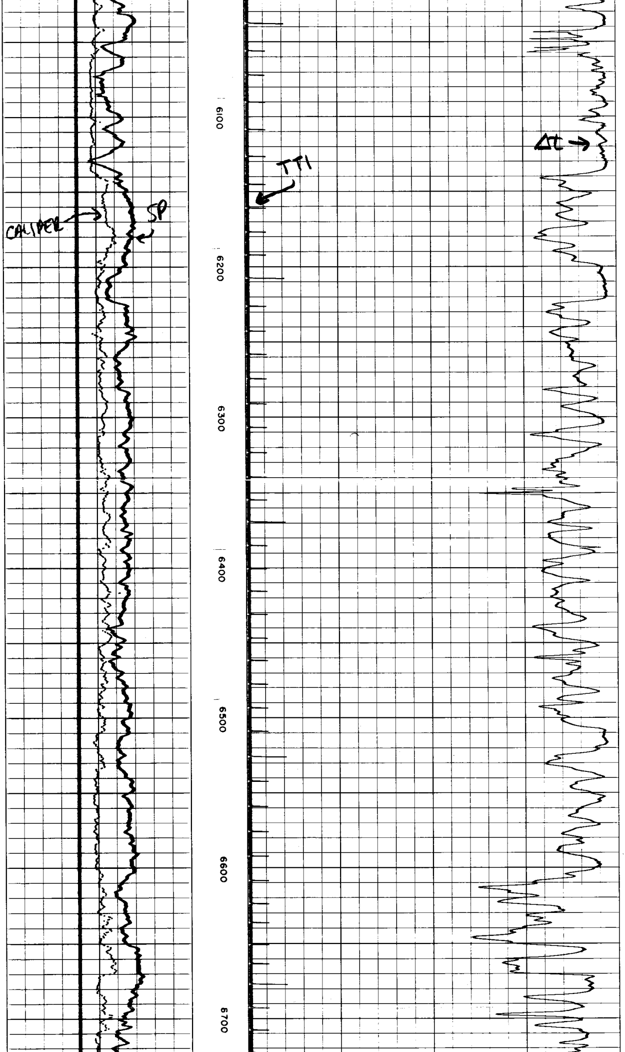
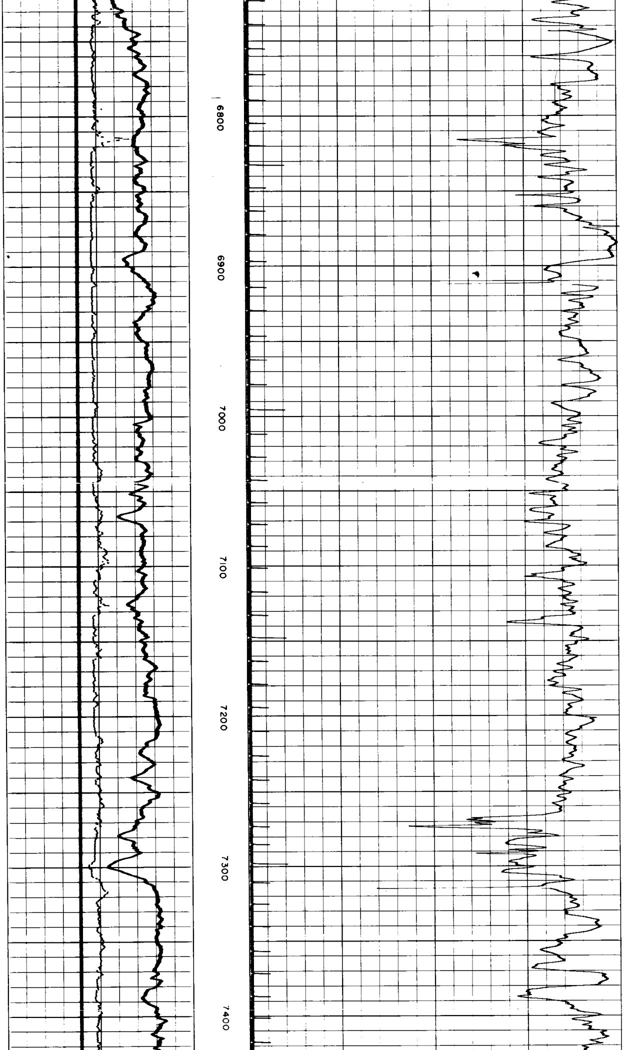
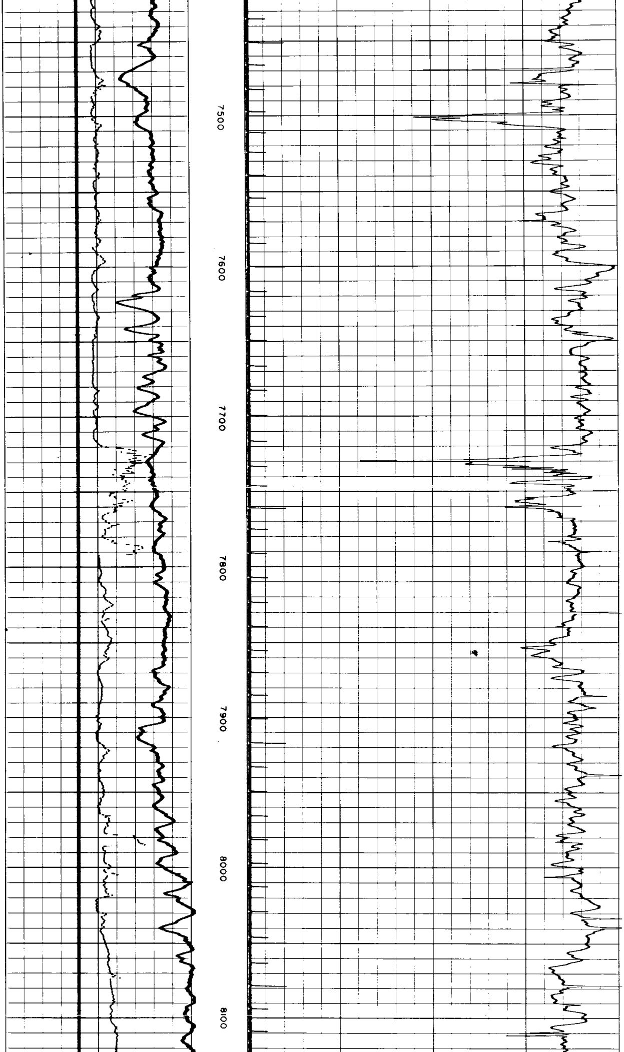
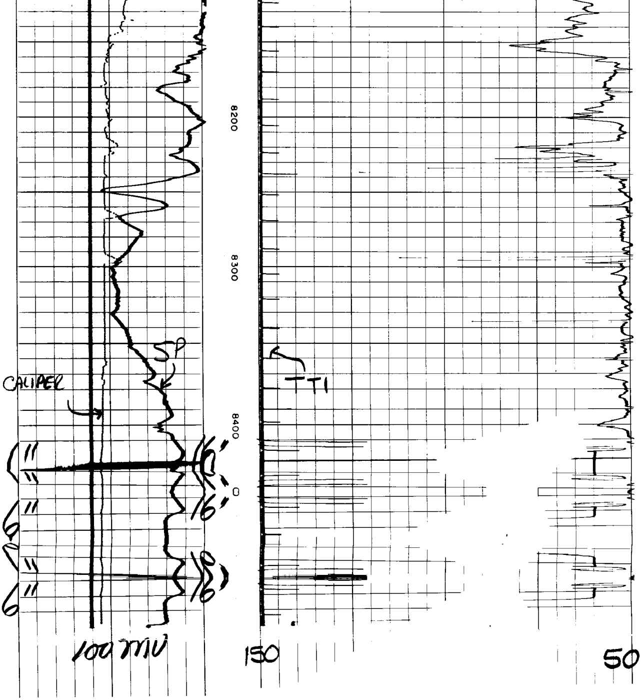
SONDE No. D 409

OFF BOTTOM AT 2030

BREAK CIRC: 0930 8-4

OFF BOTTOM: 2400 8-4

$$\text{Velocity (feet per second)} = \frac{1,000,000}{\text{Interval Transit Time (microseconds per foot)}}$$

SPONTANEOUS-POTENTIAL MILLIVOLTS	DEPTHS	INTERVAL TRANSIT TIME MICROSECONDS PER FOOT
10 − |↔| +		T 3' R₁ 2' R₂ 150 100 50 200 150
CALIPER HOLE DIAM. IN INCHES 6" 16"