OCS P-093

SCHLUMBERGER

BOREHOLE COMPENSATED SONIC LOG WITH CALIPER

COUNTY OFFSHORE
FIELD or LOCATION NEWPORT
WELL GREBE NO. 1 DEEPENING OCS P 093
COMPANY UNION OIL CO.

COMPANY UNION OIL COMPANY OF CALIFORNIA
OCS - P - 093 TERMINATED
WELL GREBE NO. 1 DEEPENING OCS P 093
FIELD NEWPORT
COUNTY OFFSHORE STATE OREGON
LOCATION X=978,928
Y=327,172
Sec. Twp. Rge.
Other Services:

Permanent Datum: MLLW, Elev. 0
Log Measured From RT, 68 Ft. Above Perm. Datum
Drilling Measured From RT

Elev.: RT 68
D.F.
G.L. 0

Date	10-2-66	10-10-66		
Run No.	FOUR	FIVE		
Depth—Driller	9050	9520		
Depth—Logger	8953	9525		
Btm. Log Interval	8950	9524		
Top Log Interval	5616	8950		
Casing—Driller	7 5/8 @ 5613	7 5/8 @ 5613	@	@
Casing—Logger	5616			
Bit Size	6 3/4	6 3/4		
Type Fluid in Hole	LIGNO SULFONATE	LIGNO SULFANATE		
Dens. | Visc.	116 | 77	114 | 53		
pH | Fluid Loss	9.5 | 2.5 ml	10.5 | 2.7 ml	ml	ml
Source of Sample	CIRCULATED	CIRCULATED		
R_m @ Meas. Temp.	0.47 @ 80 °F	0.51 @ 79 °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	0.25 @ 71 °F	0.25 @ 79 °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	0.74 @ 71 °F	0.75 @ 79 °F	@ °F	@ °F
Source: R_{mf} | R_{mc}	M | M	M | M		
R_m @ BHT	0.20 @ 183 °F	0.19 @ 192 °F	@ °F	@ °F
Time Since Circ.	10 HR.	10 HR.		
Max. Rec. Temp.	183 °F	192 °F	°F	°F
Equip. | Location	C60 | SAC	C60 | SAC		
Recorded By	HALL	ANDERSSEN		
Witnessed By	BRATSLIN	BILLMAN		

GEOLOGICAL SURVEY
RECEIVED
NOV 3 1966
LOS ANGELES

NOTED
NOV 3 1966

NOTED LAVEELE

NOTED
NOV 7 1966
CYPHER

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

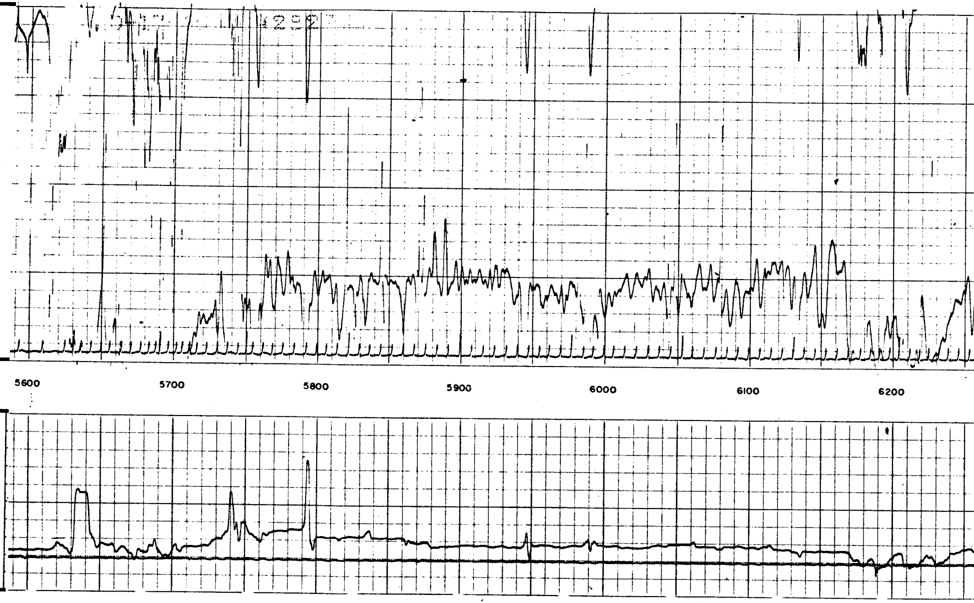
Scale Changes			
Type Log	Depth	Scale Up Hole	Scale Down Hole

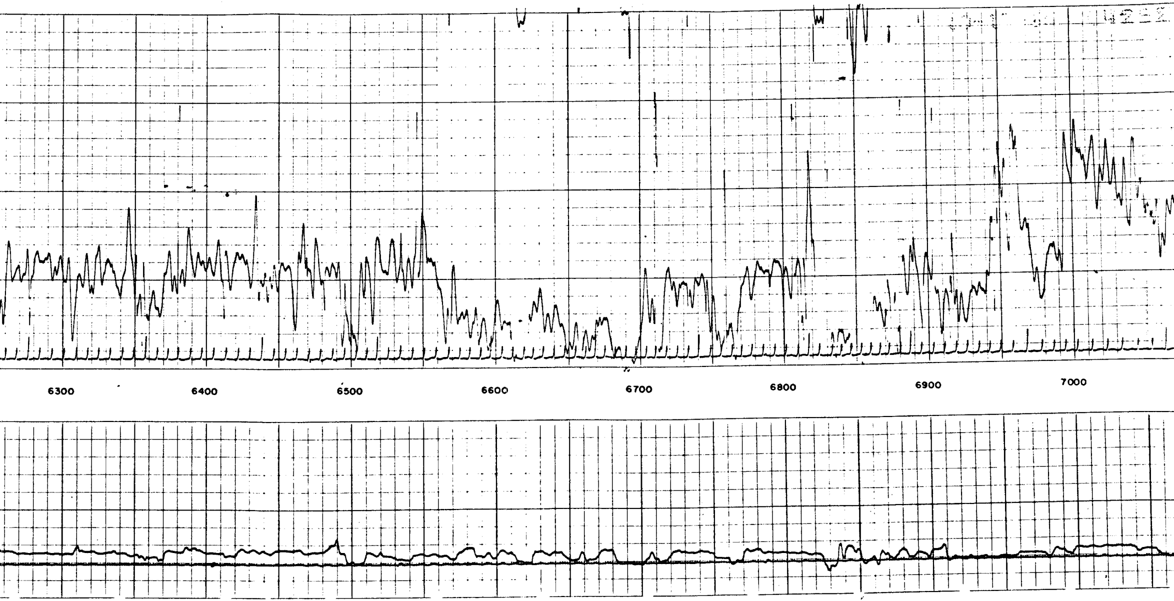
Equipment Data			
Run No.	Tool Type	Tool Position	Other
FOUR	BSL	CENTERED	
FIVE	BSL	CENTERED	

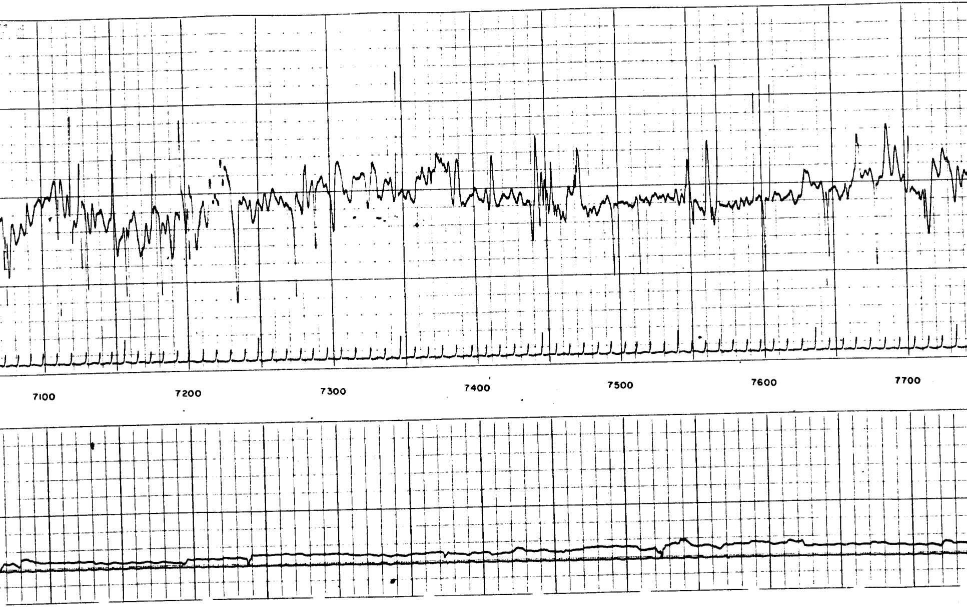
C.D.: USED S.O.:	CENTERED	CENTERED
Equip. Used: CART. No.	SLC-A 94	SLC-A 94
PANEL No.	SLP-A 89	SLP-A 89
SONDE No.	SLS-A 179	SLS-A 179

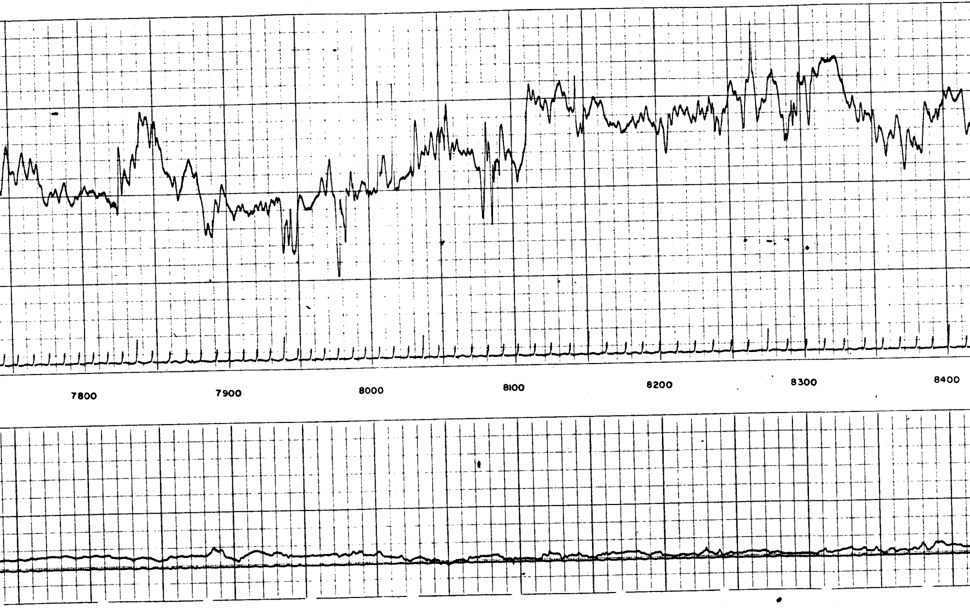
Velocity (feet per second) = $\frac{1,000,000}{\text{Interval Transit Time (microseconds per foot)}}$

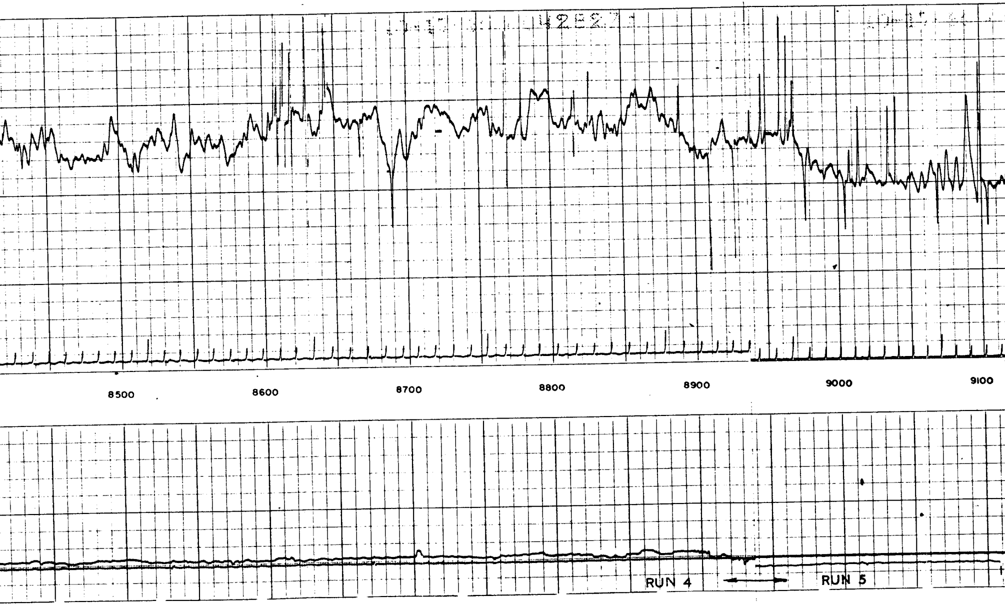
SPONTANEOUS-POTENTIAL MILLIVOLTS	DEPTHS	INTERVAL TRANSIT TIME MICROSECONDS PER FOOT
10 − |←→| +		$T_3R_1 2R_2$ 150 — 50 250 — 150
CALIPER HOLE DIAM. IN INCHES 5" — 15"		

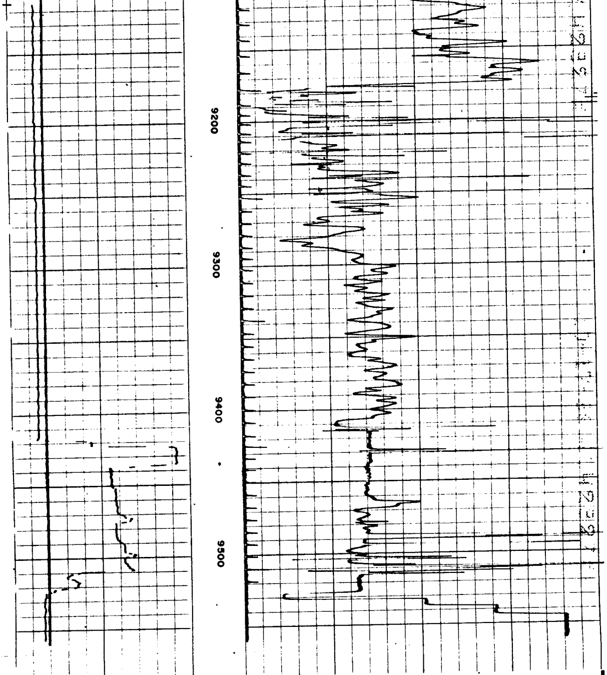












5" 10 15"

CALIPER
HOLE DIAM. IN INCHES

10

− |↔| +

$T\underline{3}R_1\underline{2}R_2$

150 50

250 150

SPONTANEOUS-POTENTIAL
MILLIVOLTS

DEPTHS

INTERVAL TRANSIT TIME
MICROSECONDS PER FOOT

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WELL GREBE NO. 1 DEEPENING OCS P 093
FIELD NEWPORT
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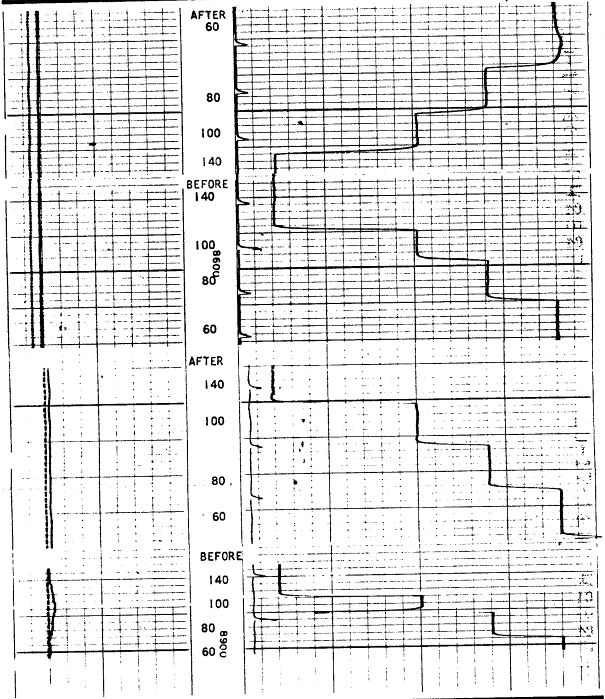
SWSC FR 9524
SWSC TD 9525
DRLR TD 9520
Elev:
RT 68
DF
GL 0

CALIBRATION DATA



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