Schlumberger

ISF / SONIC

COUNTY AUSTRALIA
FIELD or LOCATION WILDCAT
WELL SNAIL 1
COMPANY HEMATITE

COMPANY HEMATITE PETROLEUM
WELL SNAIL 1
FIELD WILDCAT
COUNTY AUSTRALIA STATE VICTORIA
LOCATION LAT: 38° 54' S
LONG: 144° 18' E
Sec. Twp. Rge.
Other Services: FDC GR

DEPT. NAT. RES & ENV
PE600227

Permanent Datum: MSL, Elev. 0
Log Measured From KB, 32 Ft. Above Perm. Datum
Drilling Measured From KB
Elev.: K.B. 32
D.F. 31
G.L. -266

Date	NOV 29,1972			
Run No.	1, 5", 2"			
Depth—Driller	1833			
Depth—Logger	1827			
Btm. Log Interval	1820			
Top Log Interval	707			
Casing—Driller	20" @ 706	@	@	@
Casing—Logger	707			
Bit Size	15" W/18"U.R.			
Type Fluid in Hole	LIGNOSULPHONATE			
Dens. | Visc.	9.4 | 45			
pH | Fluid Loss	N/A ml	ml	ml	ml
Source of Sample	PIT			
Rm @ Meas. Temp.	1.13 @ 72 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	0.9 @ 72 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	1.32 @ 72 °F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	PRESS			
Rm @ BHT	0.95 @ 84 °F	@ °F	@ °F	@ °F
Time Since Circ.	2½ HOURS			
Max. Rec. Temp.	83/85 °F	°F	°F	°F
Equip. | Location	2080 | SAL			
Recorded By	CHAFFE			
Witnessed By	HODGSON			

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

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Depth—Logger	1827					
Btm. Log Interval	1820					
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pH | Fluid Loss	N/A ml	ml	ml	ml	ml	ml
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Rmf @ Meas. Temp.	0.9 @ 72 °F	@ °F	@ °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	1.32 @ 72 °F	@ °F	@ °F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	PRESS					
Rm @ BHT	0.95 @ 84 °F	@ °F	@ °F	@ °F	@ °F	@ °F
Time Since Circ.	2½ HOURS					
Max. Rec. Temp.	83/85 °F	°F	°F	°F	°F	°F
Equip. | Location	2080 | SAL					
Recorded By	CHAFFE					
Witnessed By	HODGSON					

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		
Rm @ Meas. Temp.	@ °F	@ °F
Rmf @ Meas. Temp.	@ °F	@ °F
Rmc @ Meas. Temp.	@ °F	@ °F
Source Rmf | Rmc		
Rm @ BHT	@ °F	@ °F
Rm @ BHT	@ °F	@ °F
Rm @ BHT	@ °F	@ °F

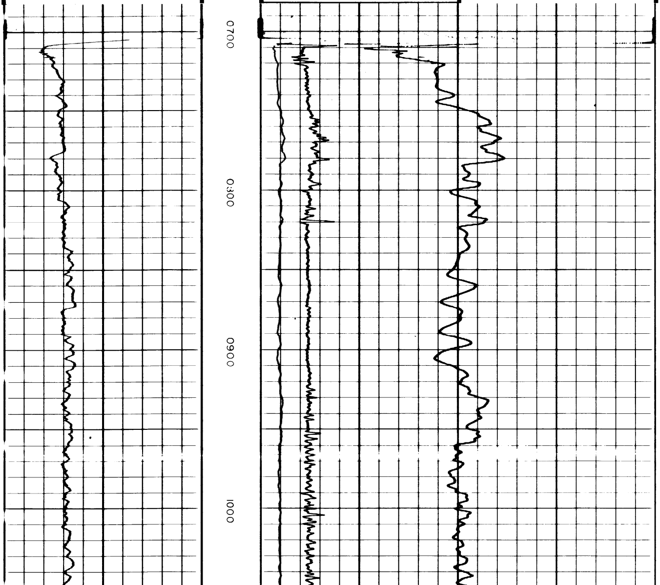
Scale Changes			
Type Log	Depth	Scale Up Hole	Scale Down Hole

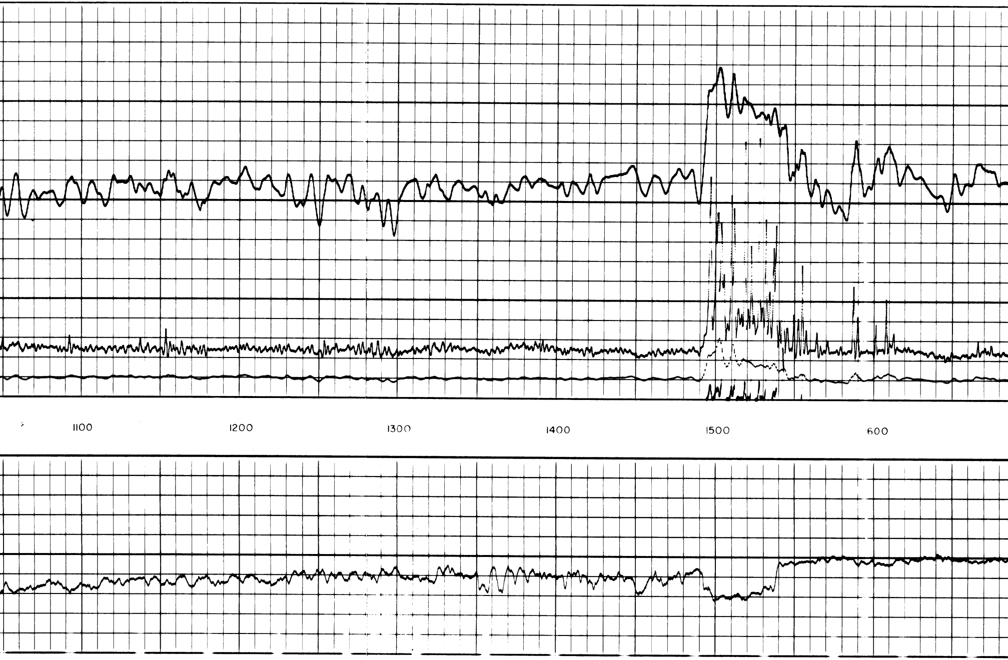
Run No.	1						
Ind. Panel No.	48						
Mem. Panel No.	378						
Ind. Cart. No.	60						
Ind. Sonde No.	27						
Sonic Panel No.	34						
Oscil. Panel No.	599						
Sonic Cart. No.	32						
Sonic Sonde No.	93						
G.R. Cart. No.							
G.R. Panel No.							
Caliper No.							
TTR No.							
S.E.							
SBR	1						
Cent. Device	5/0						
Stand off-Inches	1½						
Time Const.-Sec.							
Speed-F.P.M.	45						

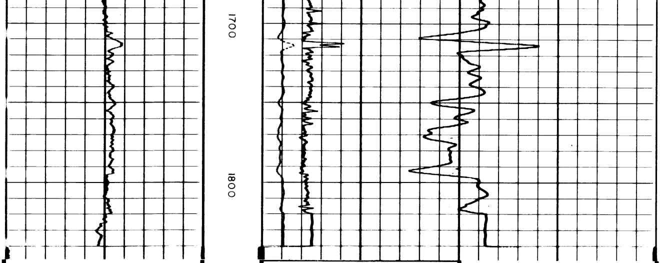
REMARKS:
TTI RECORDED 30' 8" DEEP

Service Order No.-
API Serial No.-
Check one, filling in blanks where applicable:
☒ Surface determined sonde errors used for 6FF40.
☐ 6FF40 sonde error corrected for inch borehole signal at Rm
☐ 6FF40 zero set in hole at depth of feet.

SPONTANEOUS-POTENTIAL millivolts	DEPTHS	RESISTIVITY ohms - m²/m	CONDUCTIVITY millimhos/m = $\frac{1000}{\text{ohms-m}^2\text{/m}}$
10 − |↔| +	2"	0 SFL 10 0 100 0 INDUCTION 0 10 0 AMP. SFL 2	6 FF40 INDUCTION 1000 0







10
− |↔| +

2"

0 AMP. SFL 2

0 SFL 10

0 100

INDUCTION
0 10

6 FF40 INDUCTION
1000 0

SPONTANEOUS-POTENTIAL millivolts	DEPTHS	RESISTIVITY ohms - m²/m	CONDUCTIVITY millimhos/m = $\frac{1000}{\text{ohms - m}^2/\text{m}}$

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WELL SNAIL 1

FIELD WILDCAT

COUNTY AUSTRALIA STATE VICTORIA

SCHL. FR 1820
SCHL. TD 1827
DRLR TD 1833
Elev:
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DF 31
GL -266

SPONTANEOUS-POTENTIAL MILLIVOLTS	DEPTHS	INTERVAL TRANSIT TIME MICROSECONDS PER FOOT

10
− |↔| +

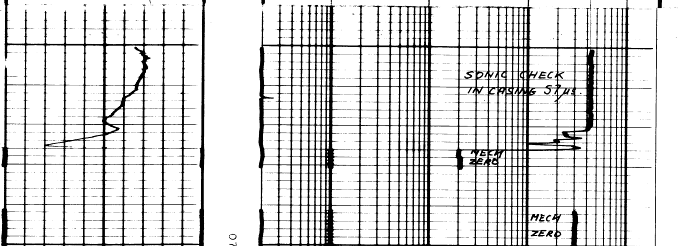
T 3 R₁ 2 R₂

~~170~~ 140 ~~120~~ 90 57 ~~70~~ 4

INDUCTION-SPHERICALLY FOCUSED RESISTIVITY

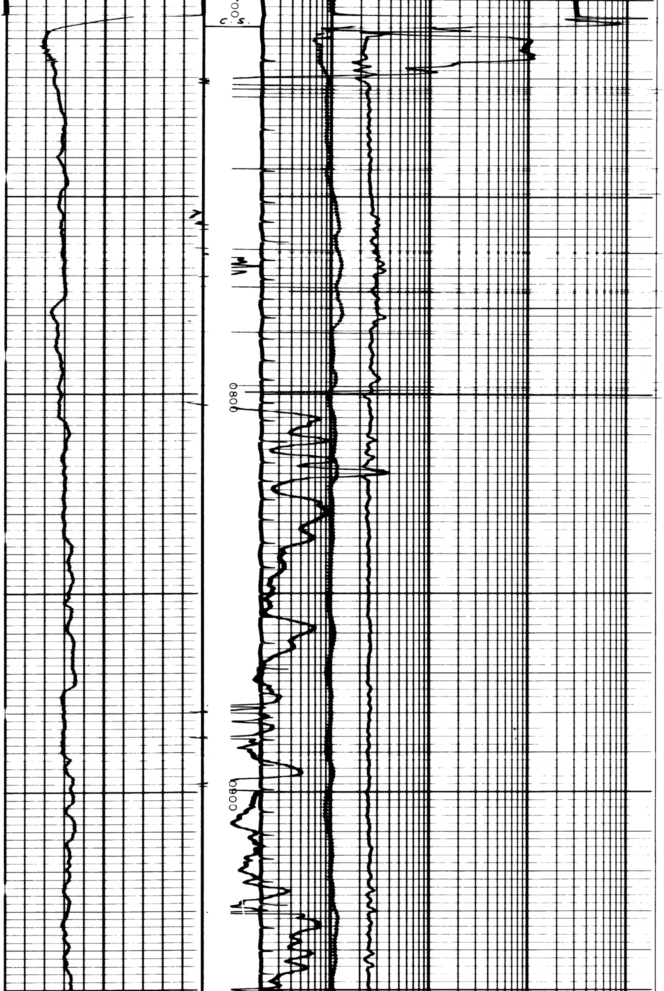
5"

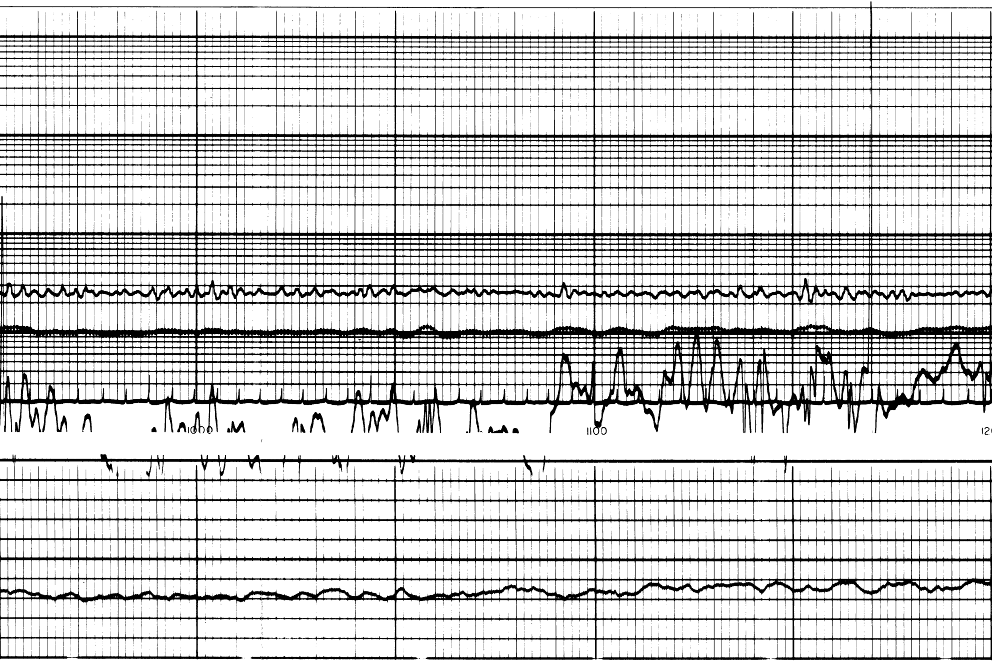
0.2 1.0 10 100 1000

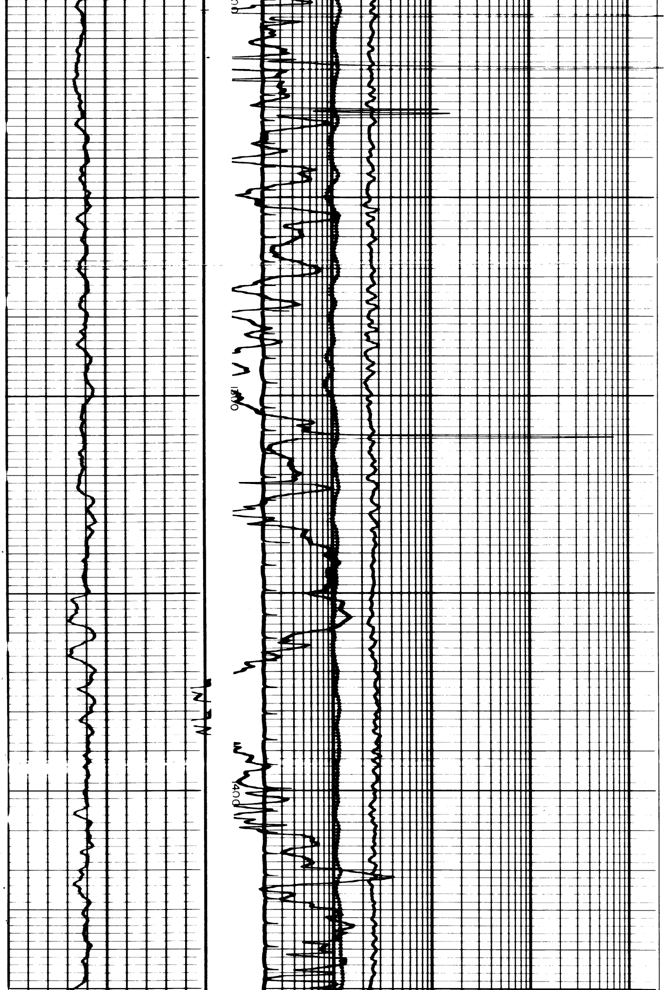

SONIC CHECK IN CASING 57μs.

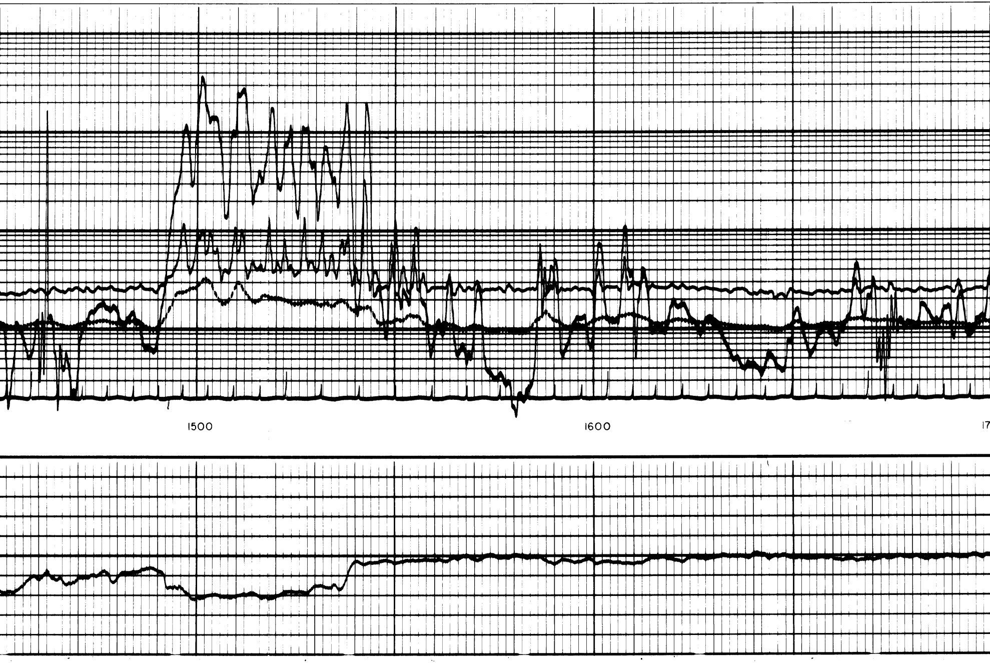
MECH ZERO

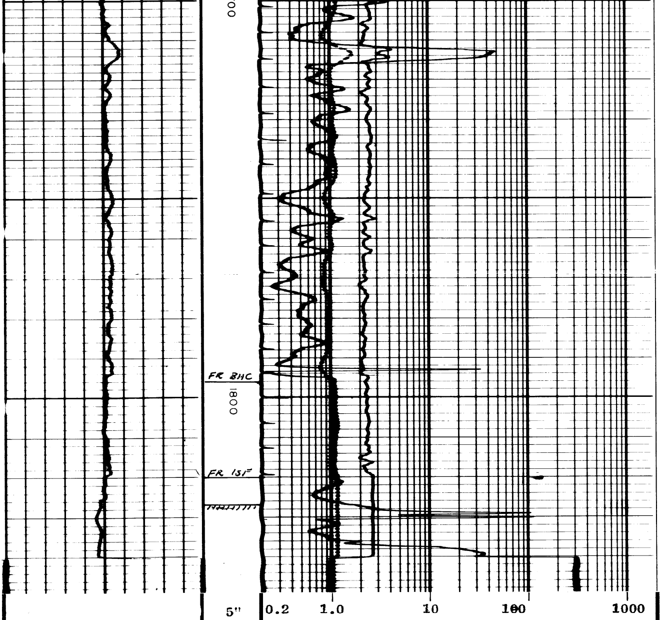
MECH ZERO











INDUCTION-SPHERICALLY FOCUSED RESISTIVITY

T 3 R_1 2 R_2

170 120 70

10

− |↔| +

SPONTANEOUS-POTENTIAL
MILLIVOLTS

DEPTHS

INTERVAL TRANSIT TIME
MICROSECONDS PER FOOT

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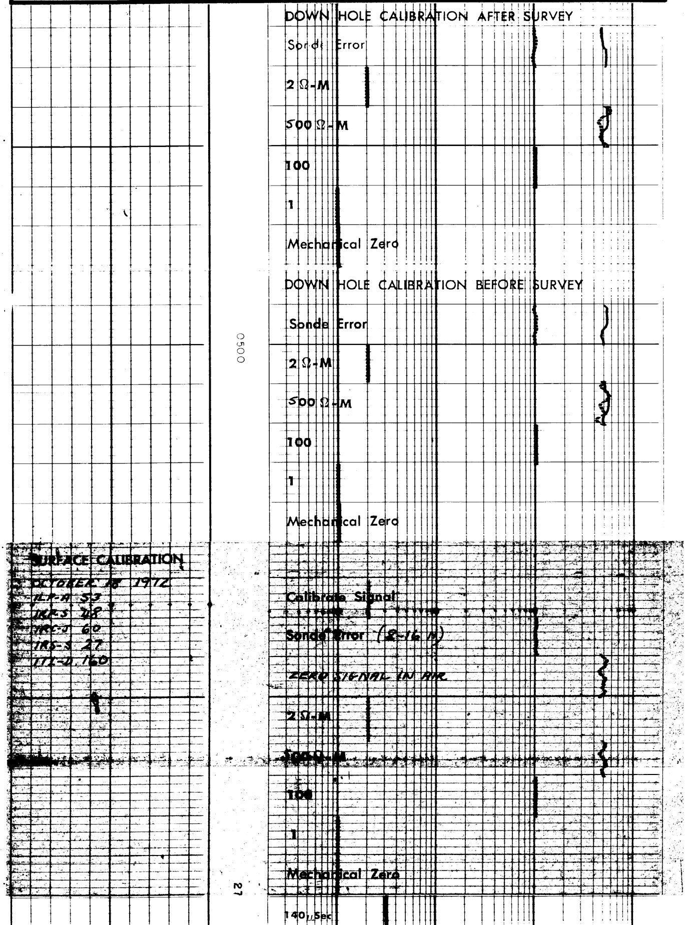
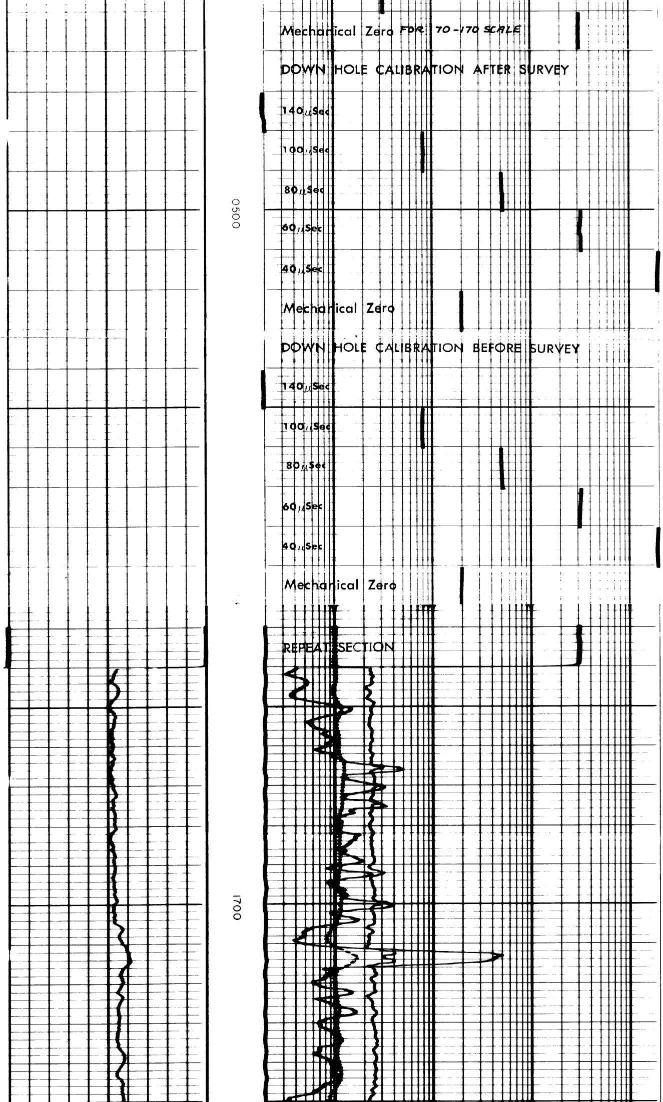
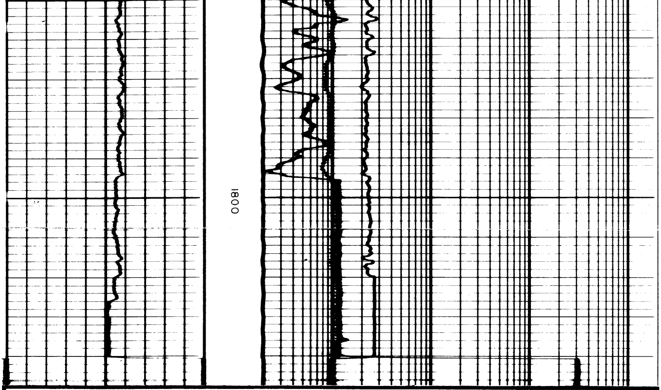
CALIBRATION DATA







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