374126
OR-0339 # +15
Enclosure 13f

Schlumberger

ISF/SONIC

COUNTY AUSTRALIA
FIELD or LOCATION WILDCAT
WELL AROO 1
COMPANY HEMATITE PETROLEUM

COMPANY HEMATITE PETROLEUM PTY LTD
WELL AROO No 1
FIELD WILDCAT
COUNTY AUSTRALIA STATE TASMANIA
LOCATION 39⁰ 47' 30.62" S
145⁰ 26' 51.08" E
Sec. Twp. Rge.
Other Services: FT

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. -250'

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

Date	12.4.74					
Run No.	FOUR					
Depth—Driller	11,265					
Depth—Logger	11,264					
Btm. Log Interval	11,257					
Top Log Interval	10,950					
Casing—Driller	9 5/8 @ 9635	@	@	@	@	@
Casing—Logger	9638					
Bit Size	8½"					
Type Fluid in Hole	LIGNOSULPHONATE					
Dens. | Visc.	10.7 | 52					
pH | Fluid Loss	9.9 | 7.2 ml	ml	ml	ml	ml	ml
Source of Sample	FLOWLINE					
R_m @ Meas. Temp.	0.87 @ 70 °F	@ °F	@ °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	0.53 @ 70 °F	@ °F	@ °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	0.99 @ 70 °F	@ °F	@ °F	@ °F	@ °F	@ °F
Source: R_{mf} | R_{mc}	PRESS | PRESS					
R_m @ BHT	0.24 @ 250 °F	@ °F	@ °F	@ °F	@ °F	@ °F
Time Since Circ.	4 HOURS					
Max. Rec. Temp.	250 °F	°F	°F	°F	°F	°F
Equip. | Location	2080 | SAL					
Recorded By	HANNINGTON					
Witnessed By	NICHOLLS					

Changes in Mud Type or Additional Samples			Scale Changes			
Date | Sample No.			Type Log	Depth	Scale Up Hole	Scale Down Hole
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_m @ BHT	@ °F	@ °F				
R_m @ BHT	@ °F	@ °F				

5 cm

Run No.	FOUR
Ind. Panel No.	UA53
Mem. Panel No.	A-136
Ind. Cart. No.	MA-123
Ind. Sonde No.	S-124
Sonic Panel No.	JG-34
Oscil. Panel No.	B-599
Sonic Cart. No.	DG-32
Sonic Sonde No.	KB-93
G.R. Cart. No.	J-275
G.R. Panel No.	A-136
Caliper No.	
TTR No.	
S.E.	6.4
SBR	1
Cent. Device	FIN
Stand off-Inches	1.5"
Time Const.-Sec.	
Speed-F.P.M.	55

REMARKS: TTI RECORDED 35' TOO DEEP.

TOOL FAILURE OCCURED ABOVE 10,950' AND NO AFTER SURVEY CALIBRATION COULD BE RECORDED.

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.

CALIBRATION:	BACKGND. CPS.	SOURCE CPS.	GALV. INCR. DIVISIONS	SENS. TAP (FOR CAL.)	SENS. TAP (RECORD)	TIME CONST.
GAMMA RAY:	20	480	100	CAL	0 - 150	-

Velocity (feet per second) = 1,000,000 / Interval Transit Time (microseconds per foot)

DETAIL LOG

5" = 100'

SPONTANEOUS-POTENTIAL MILLIVOLTS

10MV – +

DEPTHS 5"

INTERVAL TRANSIT TIME MICROSECONDS PER FOOT

T 3 R₁ 2 R₂

140 90 40

RESISTIVITY OHMS = M²/M

INDUCTION — 6FF40

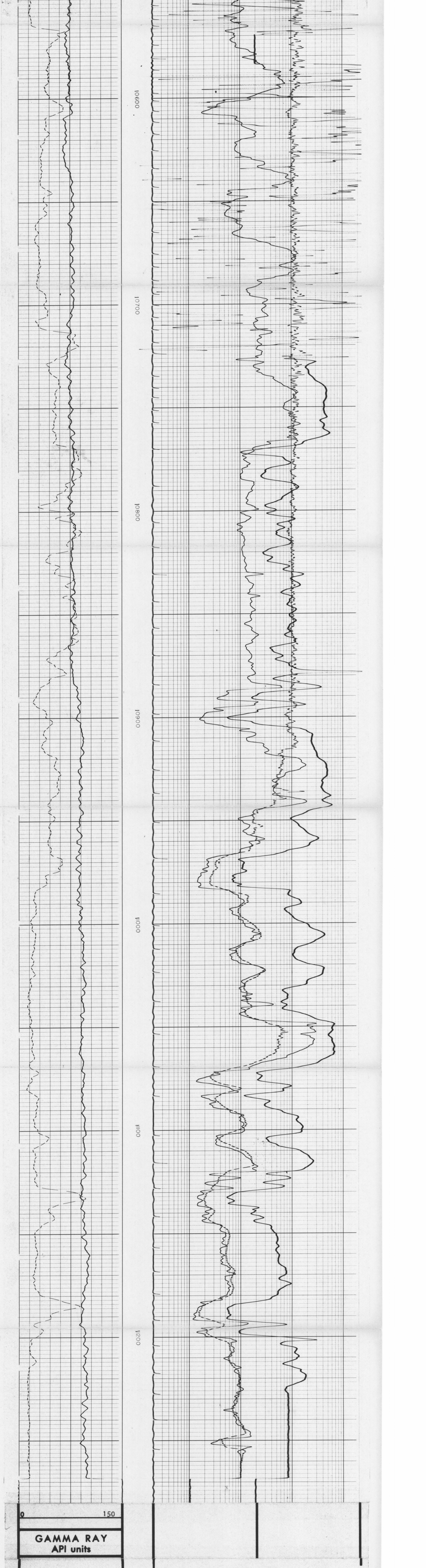
SPHERICALLY FOCUSED

0.2 1.0 10 100 1000 2000

0.2 1.0 10 100 1000 2000

GAMMA RAY API units

0 150



0 150

GAMMA RAY API units

INDUCTION — 6FF40

SPHERICALLY FOCUSED

RESISTIVITY OHMS = M²/M

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10MV – +

5"

140 90 40

SPONTANEOUS-POTENTIAL MILLIVOLTS

DEPTHS

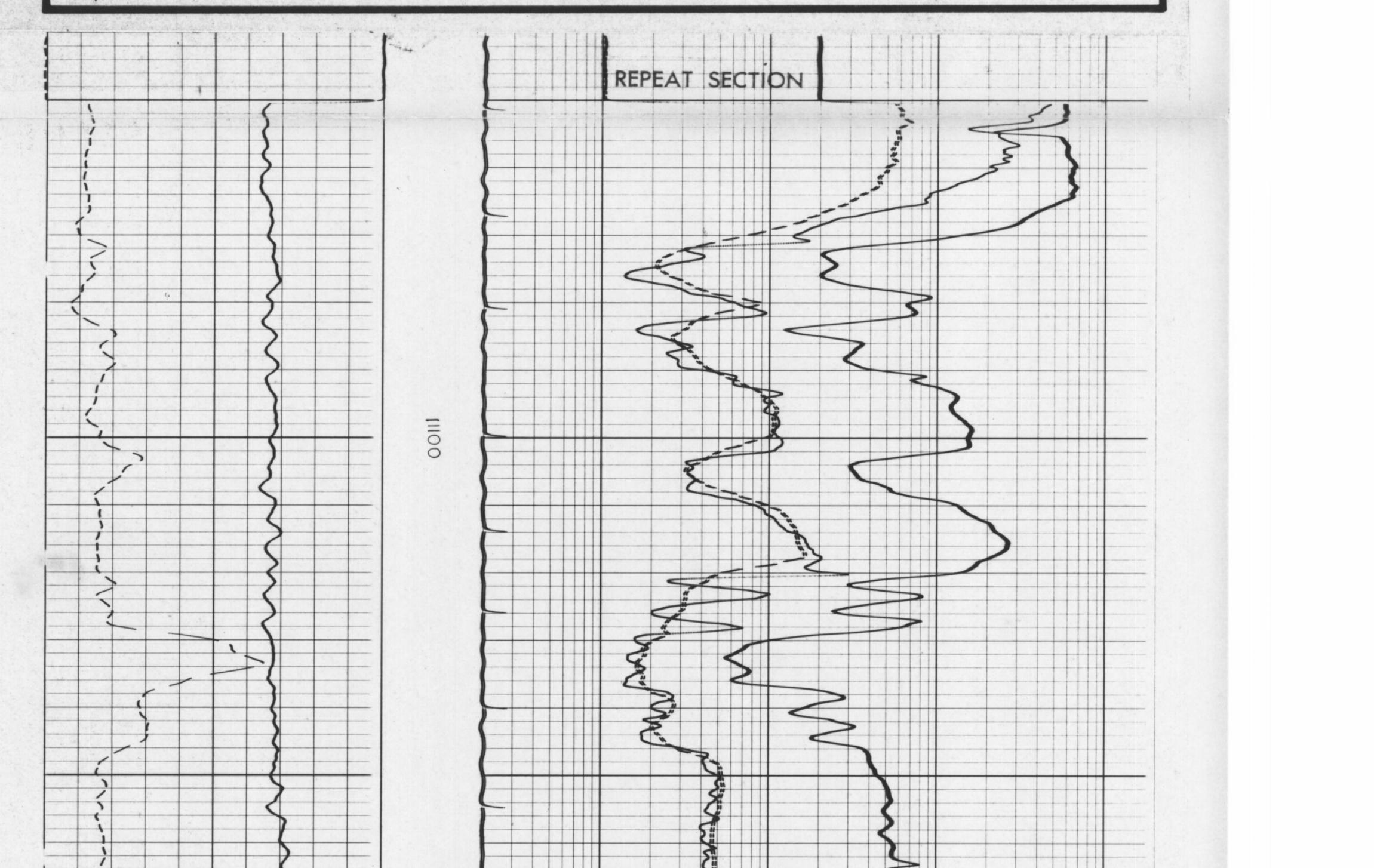
INTERVAL TRANSIT TIME MICROSECONDS PER FOOT

COMPANY HEMATITE PETROLEUM PTY LTD
WELL AROO No 1
FIELD WILDCAT
COUNTY AUSTRALIA STATE TASMANIA

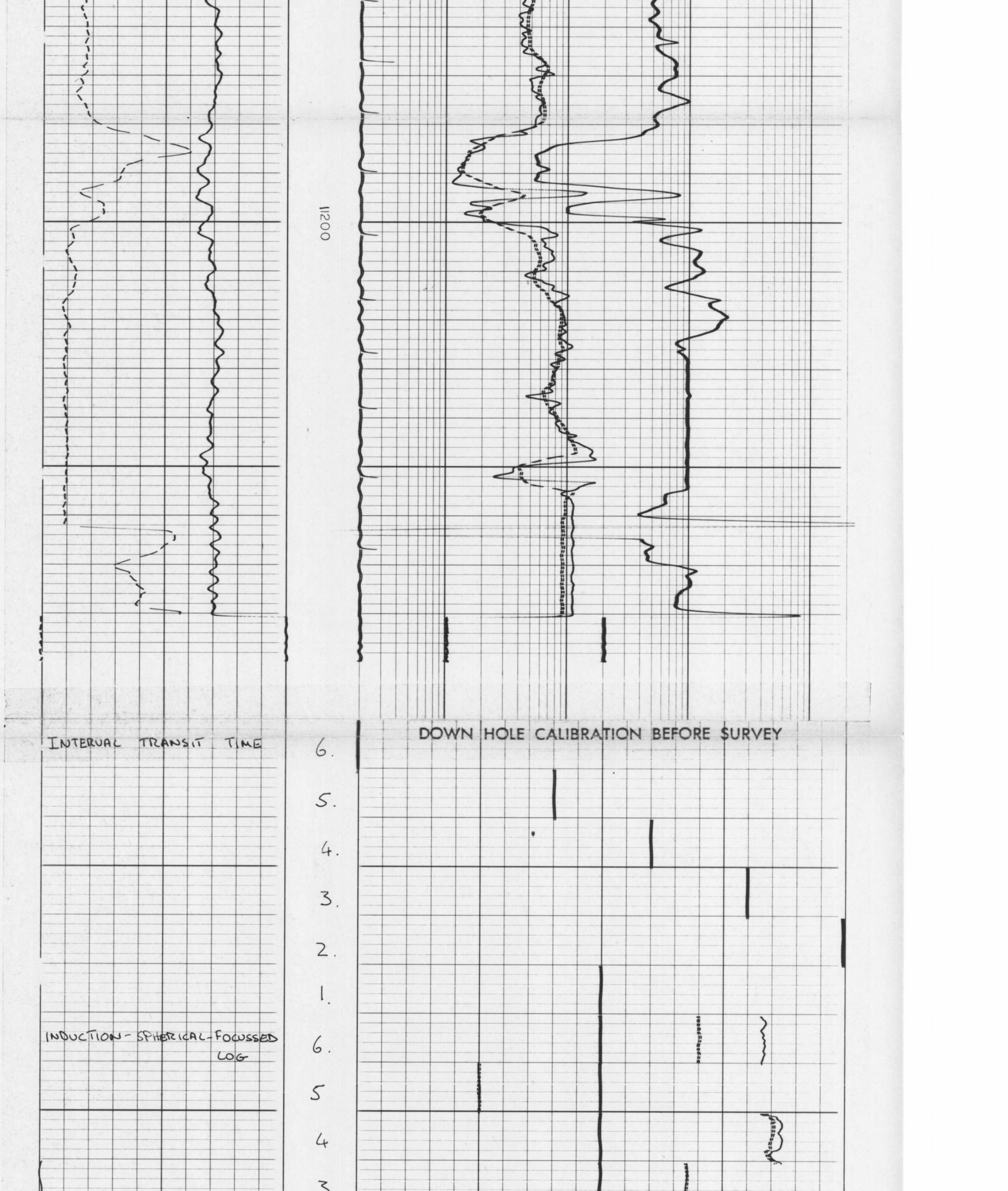
SCHL. FR 11,257
SCHL. TD 11,264
DRLR TD 11,265
Elev:
KB 32'
DF 31'
GL- 250'

CALIBRATION DATA

REPEAT SECTION



DOWN HOLE CALIBRATION BEFORE SURVEY



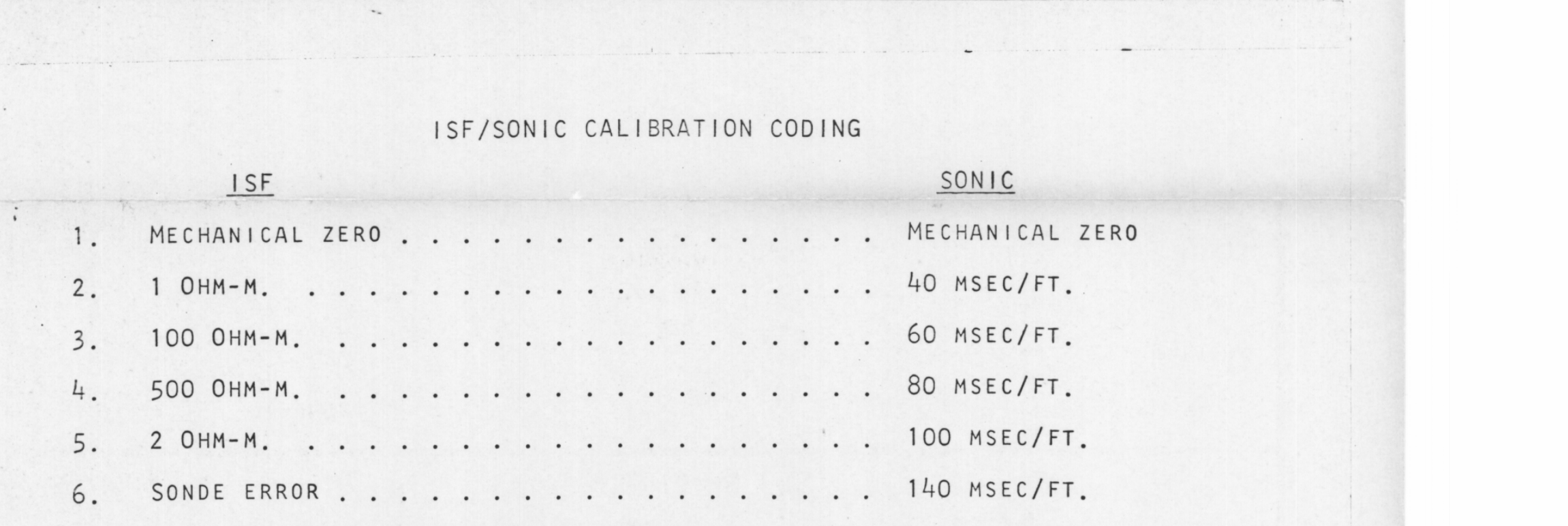
ISF/SONIC CALIBRATION CODING

ISF	SONIC
1. MECHANICAL ZERO	MECHANICAL ZERO
2. 1 OHM-M.	40 MSEC/FT.
3. 100 OHM-M.	60 MSEC/FT.
4. 500 OHM-M.	80 MSEC/FT.
5. 2 OHM-M.	100 MSEC/FT.
6. SONDE ERROR	140 MSEC/FT.
7. ZERO SIGNAL IN AIR (MASTER)	INTEGRATOR CHECK 100 MSEC/FT @ 3000FT/HOUR
8. TEST LOOP. (CALIBRATION) (ONLY)	INTEGRATOR CHECK 100 MSEC/FT @ 6000FT/HOUR

GR CALIBRATION CODING

1. MECHANICAL ZERO
1A. ELECTRICAL ZERO
2. RECORDER SENS.
3. MEMORISER SENS.
4. BACKGROUND
5. CALIBRATE - SOURCE IN PLACE.

5 cm



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WELL AROO NO. 1
FIELD WILDCAT
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SCHL. FR 11,257
SCHL. TD 11,264
DRLR TD 11,264
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SWB-1873-A