(11)

OR-335

342083

SCHLUMBERGER

BOREHOLE COMPENSATED SONIC LOG - GAMMA RAY

BASIC

COUNTY AUSTRALIA
FIELD or LOCATION WILDCAT
WELL CLAM I
COMPANY ESSO

COMPANY ESSO EXPLORATION AND PRODUCTION AUSTRALIA INC.
WELL CLAM I
FIELD WILDCAT
COUNTY AUSTRALIA STATE VICTORIA

LOCATION Latitude: 4° 51' 52" S.
Longitude: 144° 12' 55" E.
Sec.____ Twp.____ Rge.____

Other Services:
BSLGR CST
IES FDCGR CDM
HDT CST CIS

Permanent Datum: MSL, Elev. 0
Log Measured From R.T., 99 Ft. Above Perm. Datum
Drilling Measured From R.T. 99

Elev.: K.B.____
D.F.____
G.L.____

Date	25th JULY 1969		4th AUGUST 1969					
Run No.	1	5"	2	5"				
Depth—Driller	2006		5323					
Depth—Logger	2016		5318					
Btm. Log Interval	2015		5318					
Top Log Interval	1023		1982					
Casing—Driller	1023 @		1990 @		@		@	
Casing—Logger	1023		1982					
Bit Size	8-1/2		12-1/4					
Type Fluid in Hole	XP 20 SPERSENE		XP 20 SPERSENE					
Dens. | Visc.	11·2		11·6	44				
pH | Fluid Loss	11	12 ml	10	13·4 ml		ml		ml
Source of Sample	FLOWLINE		FLOWLINE					
R_m @ Meas. Temp.	·78 @ 62 °F		2·81 @ 68 °F		@ °F		@ °F	
R_{mf} @ Meas. Temp.	·58 @ 62 °F		2·00 @ 66 °F		@ °F		@ °F	
R_{mc} @ Meas. Temp.	1·44 @ 62 °F		@ °F		@ °F		@ °F	
Source: R_{mf} | R_{mc}								
R_m @ BHT	·53 @ 90 °F		1·38 @ 136°F		@ °F		@ °F	
Time Since Circ.	3hrs		2 hrs					
Max. Rec. Temp.	90°F		136°F		°F		°F	
Equip. | Location	2072	SAL	2072	SAL				
Recorded By	WITHNALL		WITHNALL					
Witnessed By	WARRIS		LUNT					

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

REMARKS: Run 1 Gamma-Ray Run to surface. All curves on depth W.C.D. used displacement 6ft.
Gamma-Ray Run to 1040'. S.P. Run from 1040'.
Run 2 Caliper recorded 3 too deep W.C.D. used displacement 6ft.

Changes in Mud Type or Additional Samples		
Date | Sample No.	25-7-69	4-8-69
Depth—Driller	2006	5323
Type Fluid in Hole	XP 20 SPERSENE	XP 20 SPERSENE
Dens. | Visc.	11·2	11·6 | 44
ph | Fluid Loss	11 | 12 ml	10 | 13·4
Source of Sample	FLOWLINE	FLOWLINE
R_m @ Meas. Temp.	·78 @ 62 °F	2·81 @ 68 °F
R_{mf} @ Meas. Temp.	·58 @ 62 °F	2·00 @ 66 °F
R_{mc} @ Meas. Temp.	1·44 @ 62 °F	@ °F
Source: R_{mf} | R_{mc}		
R_m @ BHT	·53 @ 90 °F	1·38 @ 136°F
R_{mf} @ BHT	@ °F	@ °F
R_{mc} @ BHT	@ °F	@ °F

Scale Changes

Type Log	Depth	Scale Up Hole	Scale Down Hole
BHC SGR			

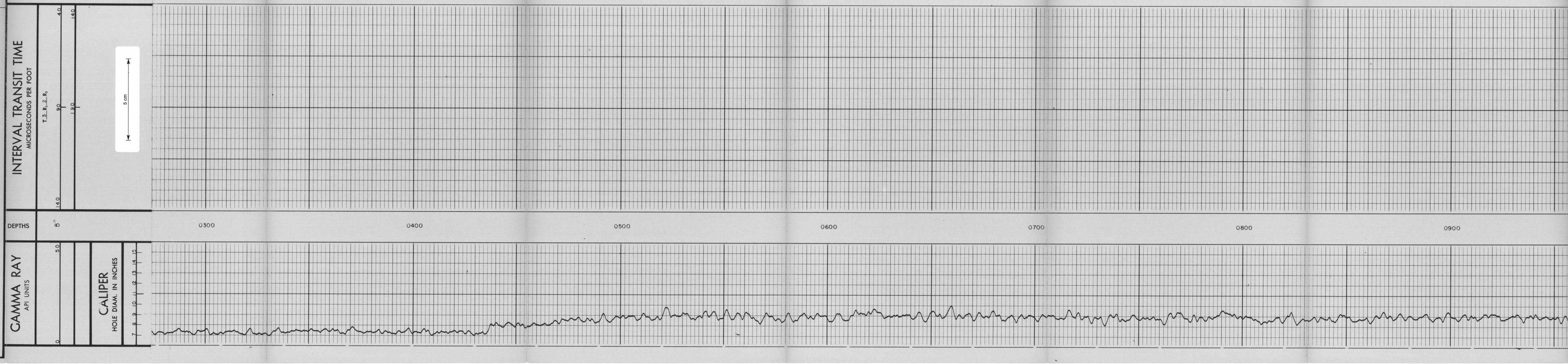
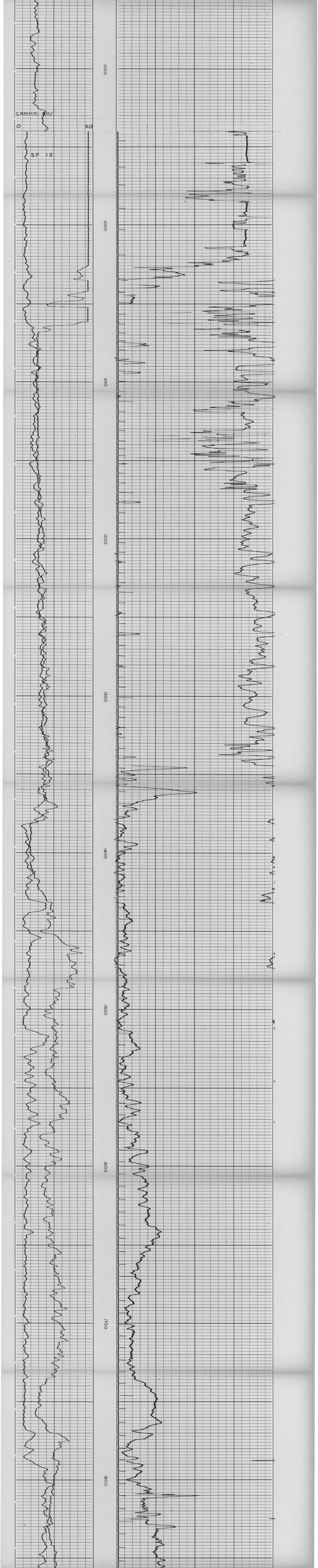
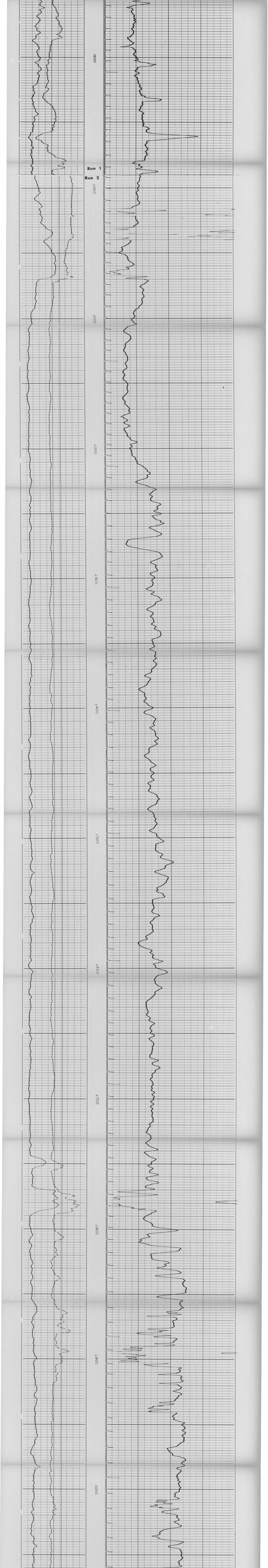
Equipment Data

Run No.	Tool Type	Pad Type	Tool Pos.	Other

C.D.: S.O.:

Equip. Used: CART. No.	B 357	B 357
PANEL No.	C 353	C 353
SONDE No.	D 389	D389

CALIBRATION:	BACKGND. CPS.	SOURCE CPS.	GALV. INCR. DIVISIONS	SENS. TAP (FOR CAL.)	SENS. TAP (RECORD)	TIME CONST.	RECORDING SPEED (FT./MIN.)
GAMMA RAY:							
1	20	448	8·25	400	200	2	
2							66
SURFACE SECTION					100	2	

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