SCHLUMBERGER

BOREHOLE COMPENSATED SONIC LOG - GAMMA RAY

DEPT. NAT. RES. & ENV.
PE606524

COUNTY	AUSTRALIA
FIELD or LOCATION	WILDCAT
WELL	MOYNE FALLS #1
COMPANY	SHELL

COMPANY	SHELL DEVELOPMENT Pty. Ltd.
WELL	MOYNE FALLS #1
FIELD	WILDCAT - OTWAY BASIN
COUNTY	AUSTRALIA STATE VIC
LOCATION	38° 04' 09" S 142° 11' 36" E
Sec.	Twp. Rge.
Other Services:	IES - CDM

Permanent Datum: MSL, Elev. 0
Log Measured From RT, 487.5 Ft. Above Perm. Datum
Drilling Measured From RT 12.5 Ft Above G.L.

Elev.: K.B. 14 a GL
D.F. 12.5 a GL
G.L. 475

Date	24.11.69			
Run No.	1			
Depth—Driller	2833			
Depth—Logger	2815			
Btm. Log Interval	2806			
Top Log Interval	1271			
Casing—Driller	9 5/8" @ 1270	@	@	@
Casing—Logger	1271			
Bit Size	8 3/4"			
Type Fluid in Hole	Fresh water & Broxine			
Dens. / Visc.	9.8 / 38			
pH / Fluid Loss	8.1 / 10 ml	ml	ml	ml
Source of Sample	FLOWLINE			
R_m @ Meas. Temp.	3.50 @ 86 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	3.71 @ 70 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	3.92 @ 70 °F	@ °F	@ °F	@ °F
Source: R_{mf} / R_{mc}	PRESS / PRESS			
R_m @ BHT	2.70 @ 119 °F	@ °F	@ °F	@ °F
Time Since Circ.	5 hrs			
Max. Rec. Temp.	121 °F	°F	°F	°F
Equip. / Location	4522 / SAL			
Recorded By	M. Kervella N. Affleck			
Witnessed By	J. Veenema J. Poll			

FIELD PRINT

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

REMARKS Caliper Recorded 7½ ft too high

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

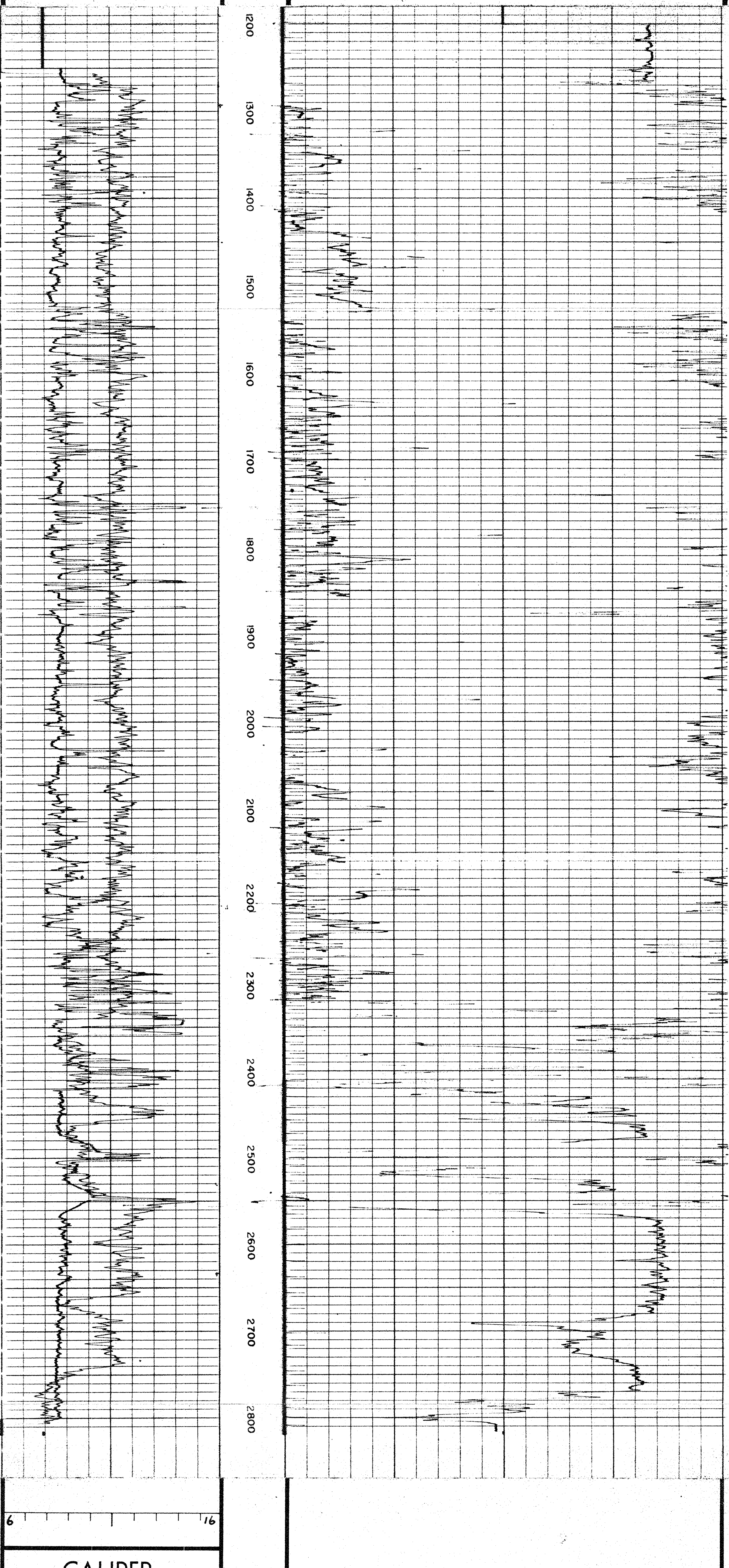
Run No.	Tool Type	Pad Type	Tool Pos.	Other
1	SLT		Cent.	

C.D.: Spring S.O.:
Equip. Used: CART. No. SLC-A 74
PANEL No. SLP-A 68 GNP-D 814
SONDE No. SLS-A 78 GNC-H 231

CALIBRATION:	BACKGND. CPS.	SOURCE CPS.	GALV. INCR. DIVISIONS	SENS. TAP (FOR CAL.)	SENS. TAP (RECORD)	TIME CONST.	RECORDING SPEED (FT./MIN.)
GAMMA RAY:	90	460	82.5	400	300	2	30

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

GAMMA RAY API UNITS	DEPTHS	INTERVAL TRANSIT TIME MICROSECONDS PER FOOT
0 — 150	1"	T—R₁—R₂ 140 — 90 — 40
		190 — 140
CALIPER HOLE DIAM. IN INCHES 6 — 16		



CALIPER HOLE DIAM. IN INCHES 6 — 16		
0 — 150	1"	T—R₁—R₂ 140 — 90 — 40 / 190 — 140
GAMMA RAY API UNITS	DEPTHS	INTERVAL TRANSIT TIME MICROSECONDS PER FOOT

COMPANY SHELL DEVELOPMENT Pty. Ltd.
WELL MOYNE FALLS #1
FIELD WILDCAT - OTWAY BASIN
COUNTY AUSTRALIA STATE VIC

SCHL. FR 2806
SCHL. TD 2815
DRLR TD 2833
Elev.
KB 14 a GL
DF 12.5 a GL
GL 475