9164 ENCLOSURE 106

OR-354

Schlumberger

391179

SIMULTANEOUS COMPENSATED NEUTRON FORMATION DENSITY

COUNTRY AUSTRALIA
FIELD or LOCATION WILDCAT
WELL PELICAN 4
COMPANY HEMATITE PETROLEUM

COMPANY HEMATITE PETROLEUM CO
WELL PELICAN #4
FIELD WILDCAT
COUNTRY AUSTRALIA
Location 40° 21' 38.3" S
145° 52' 17.7 E

Other Services:
ISF
ISF-BHC-MFSL
RFT.

Permanent Datum: MSL ; Elev.: 0
Log Measured From KB , 82 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 82
D.F. 81
G.L. -254

Date	5 FEB 1979			
Run No.	ONE			
Depth Driller	9413			
Depth Logger	9412			
Btm log Interval	9413			
Top log Interval	5600			
Casing Driller	13 3/8 @ 2789	@	@	@
Casing Logger	2792			
Bit Size	12 1/4"			
Max. Hole Dev.	0 @	@	@	@
Type Fluid in Hole	SEAWATER/GEL			
Barite Content				
Fluid Level	SURFACE			
Dens. | Viscosity	10.5 | 45			
pH | Fluid Loss	10.7 | 7 ml	ml	ml	ml
Rm @ Meas. Temp.	0.265 @ 70 °C	@ °C	@ °C	@ °C
Rmf @ Meas. Temp.	0.202 @ 70 °C	@ °C	@ °C	@ °C
Time Since Circ.	15 HOURS			
Max. Rec. Temp.	208 °C	°C	°C	°C
Equip. | Location	3501 | SEA			
Recorded By	P FRANKLIN			
Witnessed By	B ATKINS			

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

Run No	BOREHOLE RECORD			CASING RECORD			
	Bit Size	From	To	Size	Weight	From	To
1	12 1/4	TD	2789				

EQUIPMENT DATA

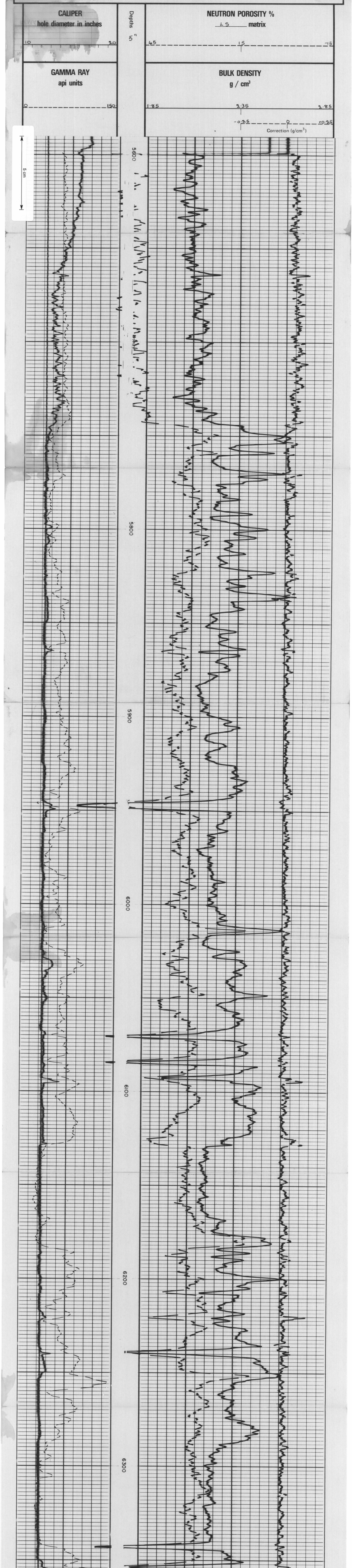
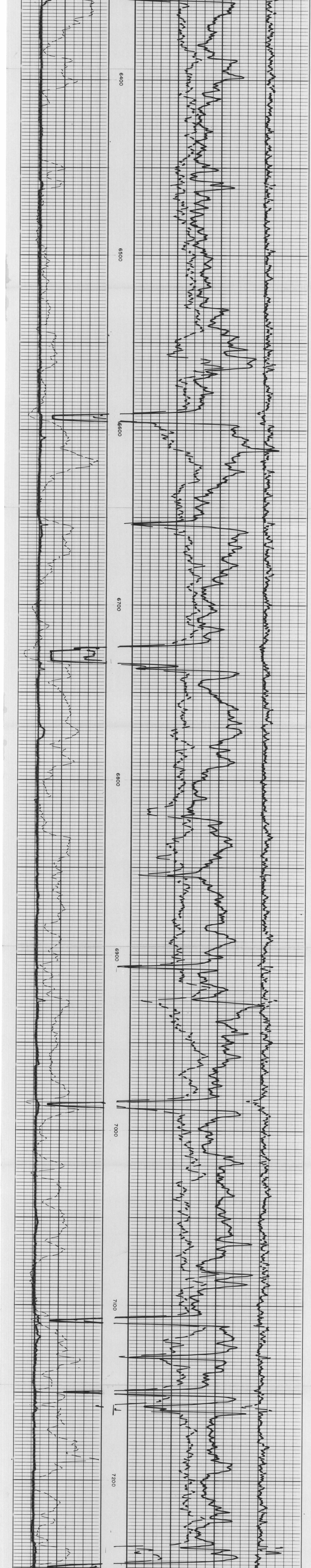
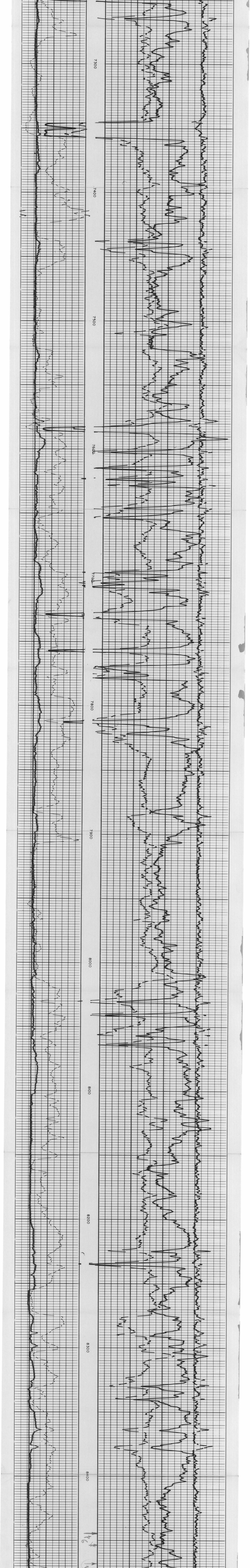
Run No	Density Panel	Density Cartridge	Density Skid	Density Sonde	Density Source	Density Calibrator	Neutron Panel	Neutron Cartridge	Neutron Source	Neutron Calibrator	G R Cartridge	Tape Recorder	Memory Panel
1	EJ 1065	EB 923	D 868	EC 919	B 2978	C 796	AB 627	A-487	FA 549	AB 1037	JAA-1007	EB 868	AB 939

LOGGGING DATA

Run No	Compensated Neutron						Compensated Density					
	Time Constant	Hole Size Setting	Matrix	Porosity Scale	From	To	Time Constant	Fluid Density	Matrix Density	Porosity Scale	From	To
1	2	AUTO	LS	30	TD	5600	2	1.00	2.71	–	TD	5600

CALIBRATION DATA

Run No	Gamma Ray (cps)		Compensated Neutron				Compensated Density			
			Before Log Av. cps		After Log Av. cps		Before Log Av. cps		After Log Av. cps	
	Background	Total	Long Spacing	Short Spacing	Long Spacing	Short Spacing	Long Spacing	Short Spacing	Long Spacing	Short Spacing
1	10	235	1384	3144	1382	3150	406.8	724.4	408	721.6
			R = 2.30		R = 2.31.					

REMARKS