Enclosures
PR63/18B

PR63/018B

COMPOSITE WELL LOG

COMPANY *AMALGAMATED PETROLEUM N.L.*

PETROLEUM TENEMENT *OIL PERMIT 53 N.T.* WELL NUMBER *LAKE NASH No. 1.*

STATE *NORTHERN TERRITORY* 4-MILE SHEET *AVON DOWNS* BASIN *GEORGINA* WELL STATUS *Plugged and abandoned.*

LOCATION - Lat *20°54'18"S* Long. *137°53'20"E*
ELEVATION - Reference Pt (RT/Floor) *749'* A.S.L.
Ground *740'* A.S.L.

Date Spudded *25 November 1962*
Date Drilling Stopped *28 December 1962*
Date Rig Off. *29 December 1962*
Total Depth Driller *1315'* E.Log —

Hole Size	In	From	To
	12¼"	*0*	*308'*
	8½"	*308'*	*1315'*

Casing

In.	Wt.	Gr.	Depth	Cmt.	Cmt'd To
9⅝"	*40 lb/ft*	*J55*	*304'*	*113 Sx.*	*Surface*

Cement Plugs	From	To	Sacks
	895'	*995'*	*24*
	250'	*350'*	*24*
	0	*100'*	*24*

Perforation	Type	Size	From	To	No/ft

Well Head Fittings: *Capped.*

Drilled by: *Forasol S.A.* Cemented by: *Forasol S.A.*
Logged by: *Welex* Mud logging by: *Core Laboratories Inc.*
Drilling Method: *Rotary*

ELECTRIC LOG DATA

Run Number	*1*
Date	*26-12-62*
Footage Logged	*902'*
Logged From	*300'*
Logged To	*1200'*
Total Depth-Electric Log	—
Total Depth-Driller	*1315'*
Casing Shoe - Electric Log	*298'*
Casing Shoe - Driller	*304'*
Bit Size	*8½"*
Mud - Kind	*Water base gel*
- Treatment	
Water Loss cc's/30min	*35*
Weight lbs/cu.ft	*70*
Viscosity (Marsh) Secs	*38*
pH	
Resistivity Ω m²/m & Temp	*Rm. 2·48 @ 94° F*
	Rmf. 2·32 @ 94° F
	Rmc. 4·20 @ 94° F
	Rm. @ BHT 2·48 @ 92°F
Max. Recorded Temp.	*92°F @ 1200*
Electrode Spacing	
Symmetrical	
Non-Symmetrical	
Recorded by	*C. Myers*

RADIOMETRIC LOG DATA

Type of Log	*GAMMA NEUTRON Radioactivity*				
Run Number	*1*				
Date	*26-12-62*				
Total Depth - Driller	*1315'*				
Top of Logged Interval	*40'*				
Bottom of Logged Interval	*1199'*				
Type of Fluid in Hole	*Gel*				
Fluid Level	*Full*				
Maximum Recorded Temperature	*92°F*				
Neutron Source, Strength & Type		*400; 6·1 x 10⁶ Neutrons/sec. Ra Be*			
Source Spacing - In.	*10⅞"*	*12"*			
Length of Measuring Device	*28"*	*14"*			
O.D. of Instrument - In	*3⅜"*	*3⅜"*			
Time Constant - Secs.	*2*	*2*			
Logging Speed - Ft/Min					
Statistical Variation - In.					
Sensitivity Reference	*100 c/s*	*500*			
Recorded by	*C. Myers*				

CASING RECORD

Run No.	Size - In.	Wt. - Lbs.	Interval - Ft. From	Interval - Ft. To
1	*9⅝"*	*40*	*0*	*304'*

OPEN HOLE RECORD

Bit Size - In.	Interval - Ft. From	Interval - Ft. To
12¼"	*0*	*308'*
8½"	*308'*	*1315'*

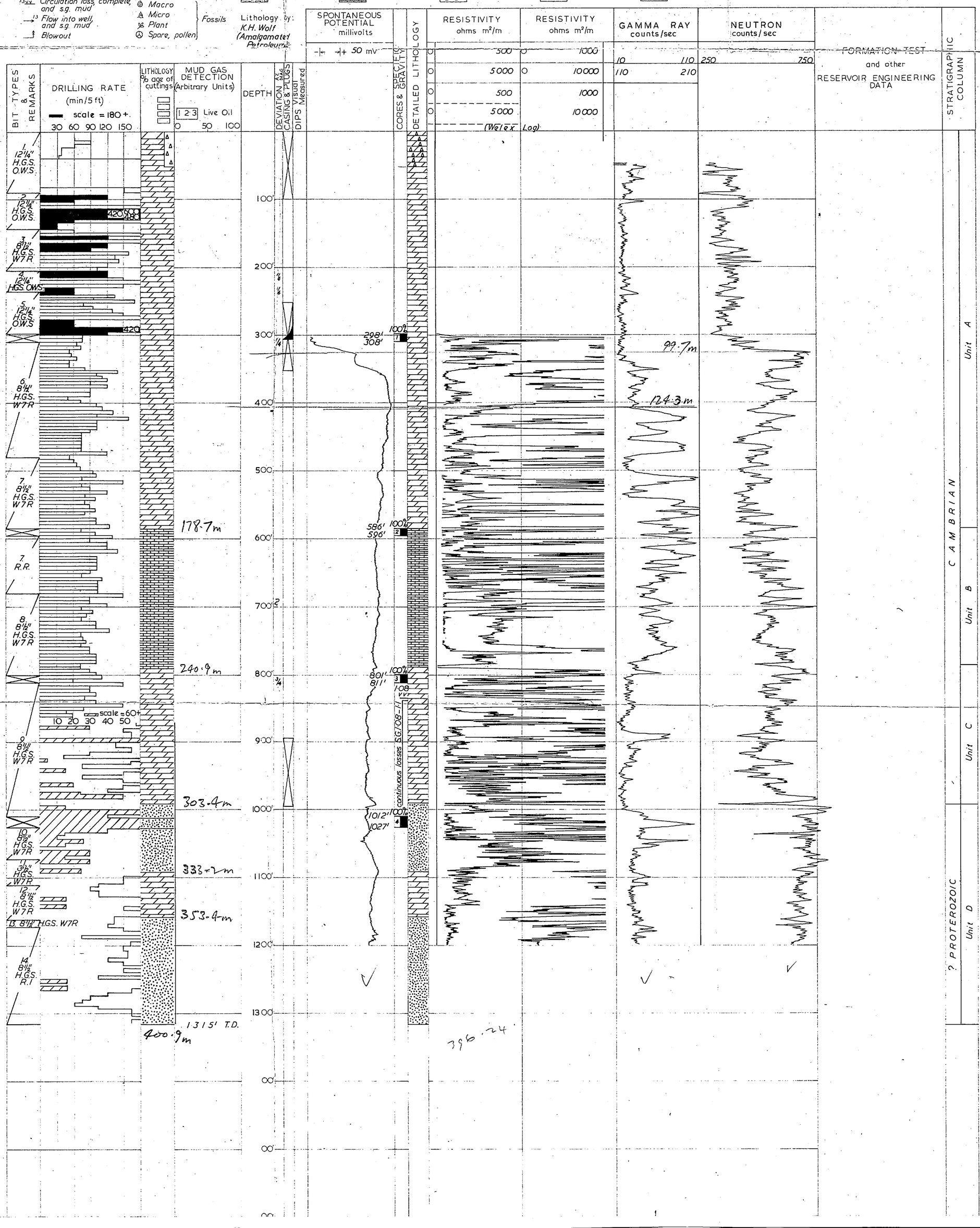
LITHOLOGIC REFERENCE

Conglomerate; Breccia; Tillite; Quartz sandstone; Arkose; Greywacke; Siltstone; Claystone; Shale; Limestone; Dolomite; Calcarenite; Calcilutite; Marl; Evaporite s: Salt; Coal; Igneous rocks gr: Granite; Volcanic rocks b: Basalt; Metamorphic rocks gn: Gneiss; cal: Calcareous; gl: Glauconitic; py: Pyritic; c: Carbonaceous; mi: Micaceous; ch: Cherty

Lithology by: *K.H. Wolf (Amalgamated Petroleum)*

OTHER BORE-HOLE LOGS

Temperature
Micro - Caliper
Velocity

WELL SYMBOLS

- Gas show, slight
- Gas show, strong
- Oil show, slight
- Oil show, strong
- Oil and gas show
- Fluorescence
- Circulation loss partial and s.g. mud
- Circulation loss complete and s.g. mud
- Flow into well and s.g. mud
- Blowout
- Core interval, number and recovery
- Sidewall core
- Perforated interval
- Formation test interval and no. (① O.H. ② in csg)
- Plugged interval
- Fossils: Macro, Micro, Plant, Spore, pollen