OR-353

INTERPRETATIVE

3626

389104

ENCLOSURE 6

ESSO EXPLORATION AND PRODUCTION AUSTRALIA INC.

WELL COMPLETION LOG

PELICAN – 3

5 cm

CONCESSION: T/6P **STATE:** TASMANIA, AUSTRALIA **BASIN:** BASS

LOCATION: Lat. 40° 15' 44.99" S Long. 145° 51' 50.60" E

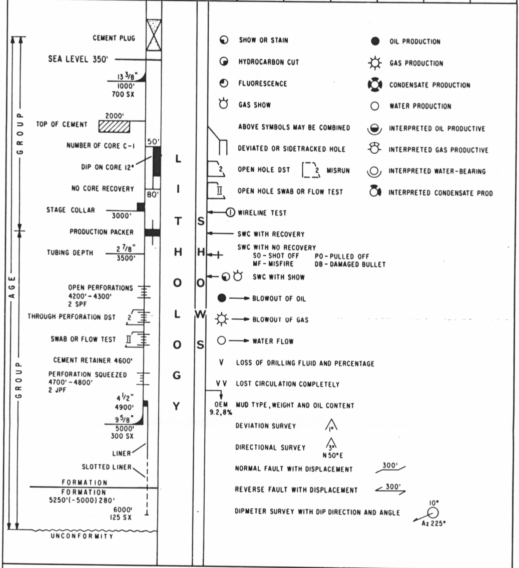
ELEVATION: G.L. MSL K.B. +32' **WATER DEPTH:** 263'

SPUDDED: 1-5-72 **RIG RELEASED:** 13-6-72 **I.P. ESTABLISHED:** —— **DRILLED BY:** GLOBAL MARINE

CLASSIFICATION: OUTPOST **STATUS:** PL. & ABND.

TOTAL DEPTH: 9537' **PLUGGED BACK T.D.:** 402'

CASING AND TUBING				PLUGS			PERFORATIONS		
SIZE	SET AT	SX. CMT.	FORMATION	FROM	TO	SX. CMT.	FROM	TO	No. FT.
20"	778'	1150	GELLIBRAND MARL	9537'	9380'		9184'	9242'	4 SPF
13-3/8"	3029'	1000	GELLIBRAND MARL	9040'	8640				
9-5/8"	9505'	800	EASTERN VIEW	2300'	2040'				
				655'	402'				


CEMENT PLUG
SEA LEVEL 350'
13 3/8" 1000' 700 SX
2000'
TOP OF CEMENT
50'
NUMBER OF CORE C-1
DIP ON CORE 12°
NO CORE RECOVERY
80'
STAGE COLLAR
3000'
PRODUCTION PACKER
TUBING DEPTH
2 7/8" 3500'
OPEN PERFORATIONS 4200'-4300' 2 SPF
THROUGH PERFORATION DST
SWAB OR FLOW TEST
CEMENT RETAINER 4600'
PERFORATION SQUEEZED 4700'-4800' 2 JPF
4 1/2" 4900'
9 5/8" 5000' 300 SX
LINER
SLOTTED LINER
FORMATION
FORMATION 5250'(-5000) 280'
6000' 125 SX
UNCONFORMITY
GROUP
AGE
GROUP
LITHOLOGY
SHOWS
SHOW OR STAIN
HYDROCARBON CUT
FLUORESCENCE
GAS SHOW
ABOVE SYMBOLS MAY BE COMBINED
DEVIATED OR SIDETRACKED HOLE
OPEN HOLE DST
MISRUN
OPEN HOLE SWAB OR FLOW TEST
WIRELINE TEST
SWC WITH RECOVERY
SWC WITH NO RECOVERY
SO - SHOT OFF
MF - MISFIRE
PO - PULLED OFF
DB - DAMAGED BULLET
SWC WITH SHOW
BLOWOUT OF OIL
BLOWOUT OF GAS
WATER FLOW
V LOSS OF DRILLING FLUID AND PERCENTAGE
VV LOST CIRCULATION COMPLETELY
OEM 9.2,8% MUD TYPE, WEIGHT AND OIL CONTENT
DEVIATION SURVEY 1°
DIRECTIONAL SURVEY 3° N 50° E
NORMAL FAULT WITH DISPLACEMENT 300'
REVERSE FAULT WITH DISPLACEMENT 300'
DIPMETER SURVEY WITH DIP DIRECTION AND ANGLE 10° Az 225°
OIL PRODUCTION
GAS PRODUCTION
CONDENSATE PRODUCTION
WATER PRODUCTION
INTERPRETED OIL PRODUCTIVE
INTERPRETED GAS PRODUCTIVE
INTERPRETED WATER-BEARING
INTERPRETED CONDENSATE PROD

WIRE LINE LOGGING SERVICES

LOG	INTERVAL	LOG	INTERVAL
IES	9517' - 3041'		
FDC-CNL-GR-CAL	9517' - 5700' FDC/CNL; 9517' - 5700'		
MLL-ML	9537' - 8000'		
LL7	9536' - 8000'		
HDT	9541' - 5600'		
F.I.T.	Attempted 16, 8 successful		
CIS			
CST	Shot 60, Rec. 49.		

Run No. | Depth Scale	1	2"	2	2"			
Date	19.5.72		25.5.72				
First Reading	9349'		9517'				
Last Reading	3041'		8515				
Interval Measured	6308'		1002'				
Casing Logger	3041'		3041'				
Casing Driller	13-3/8" @ 3029'		13-3/8" @ 3029'				
Depth Reached	9350'		9518'				
Bottom Driller	9397'		9521'				
Mud Nature	LIGNOSULPHONATE		LIGNOSULPHONATE				
Density | Viscosity	10.3	45	10.3	22			
Mud Resistivity	0.465 at 82 °F		0.423 at 73 °F		at °F	at °F	at °F
Mud Resistivity BHT	0.18 at 210°F		0.16 at 201°F		at °F	at °F	at °F
pH | Fluid Loss	11.2	5.8CC	10.5	8.2 CC	CC	CC	CC
Origin of Sample	FLOWLINE		FLOWLINE				
Rmf	0.294 at 64 °F		0.302 at 71 °F		at °F	at °F	at °F
Rmc	0.778 at 64 °F		0.696 at 71 °F		at °F	at °F	at °F
Bit Size 1	12¼" to TD		12¼" to TD		to	to	to
2	to		to		to	to	to
Casing Size	13-3/8"		13-3/8"				
Opr. Rig Time							
Truck No.	OFFSHORE UNIT						
Recorded by	CHAFFE		CHAFFE				
Witness	KING, McKAY		McKAY				

REMARKS:

LOGGING DATA

Run No.	1	2		
Type of Sonde	6FF40	6FF40		
S N Spacing				
Stand-off	1½"	1½"		
S.B.R.	1	1		

EQUIPMENT DATA

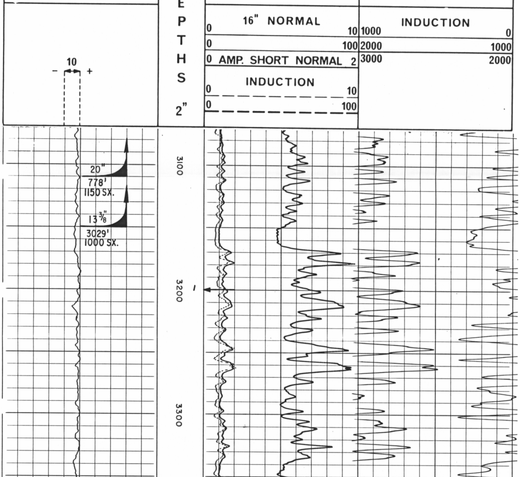
Run No.	1	2
Panel	IRP-L 754	IRP-L 754
Cartridge	IRC-F 708	IRC-F 708
Sonde	IRS-M 944	IRS-M 944
Test Loop		

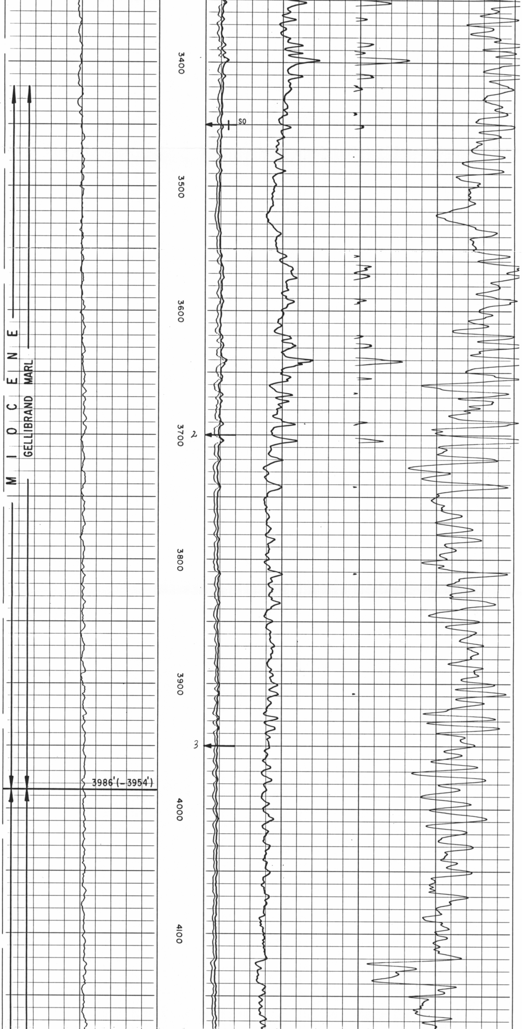
SPONTANEOUS POTENTIAL
millivolts

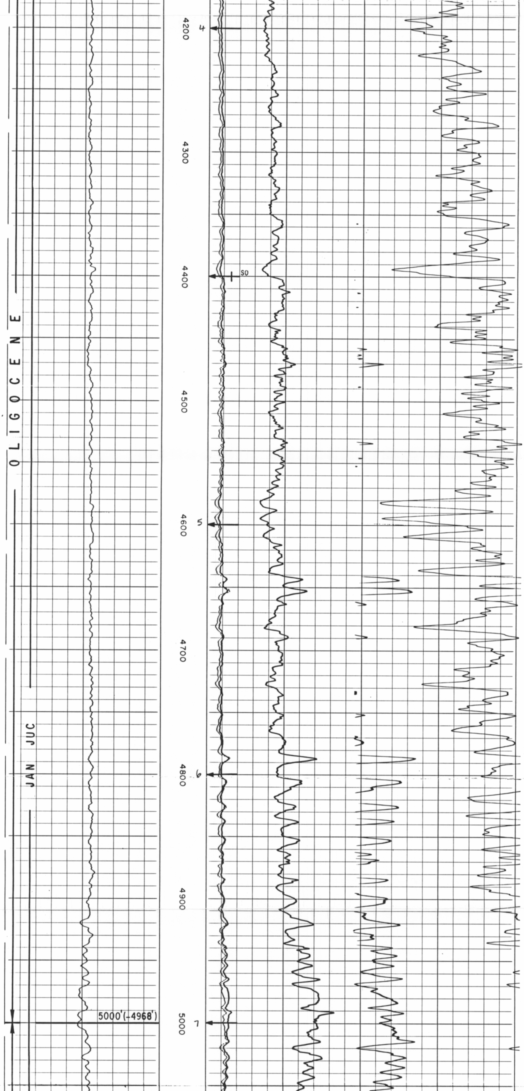
DEPTHS
2"

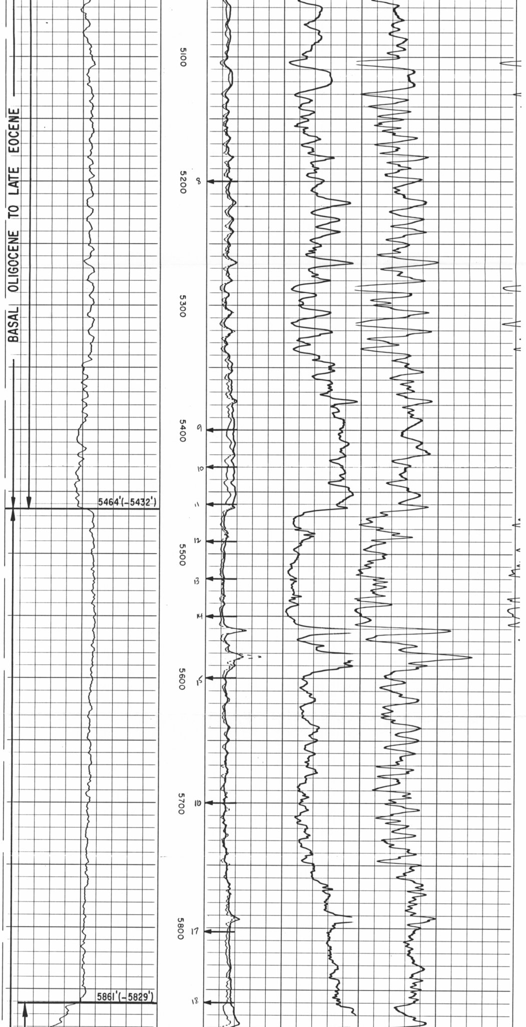
RESISTIVITY
ohms - m²/m

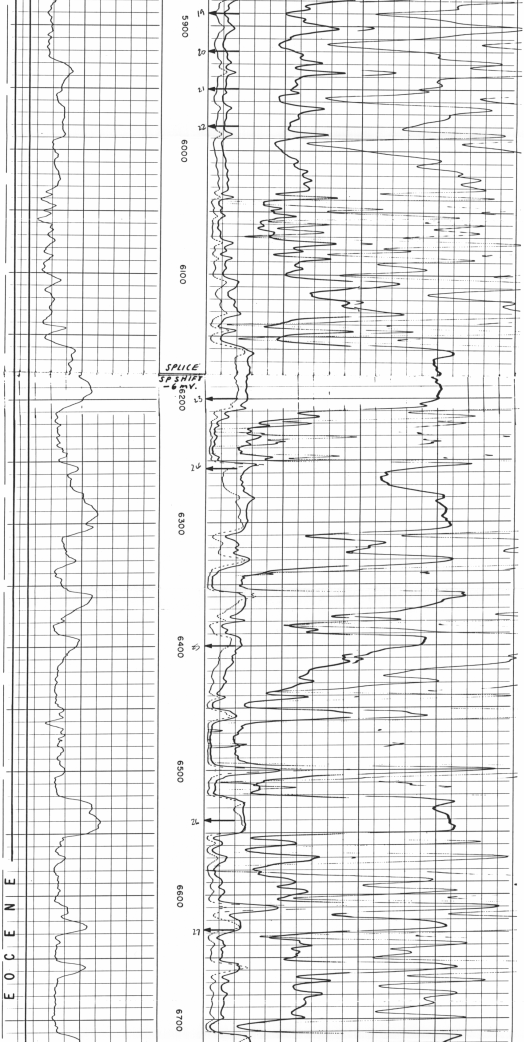
CONDUCTIVITY
millimhos - m/m² = 1000 / ohms - m²/m

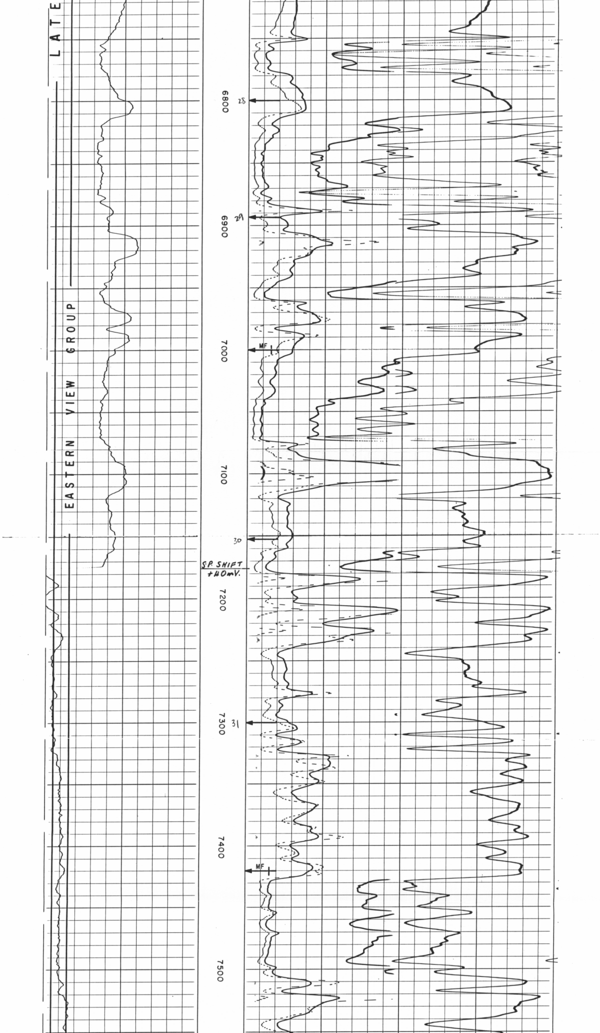


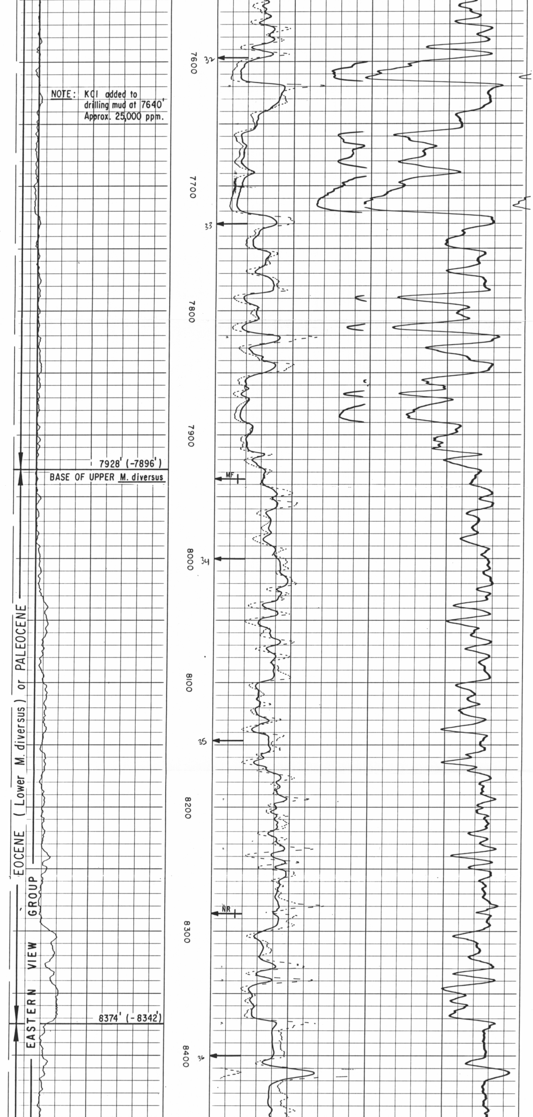


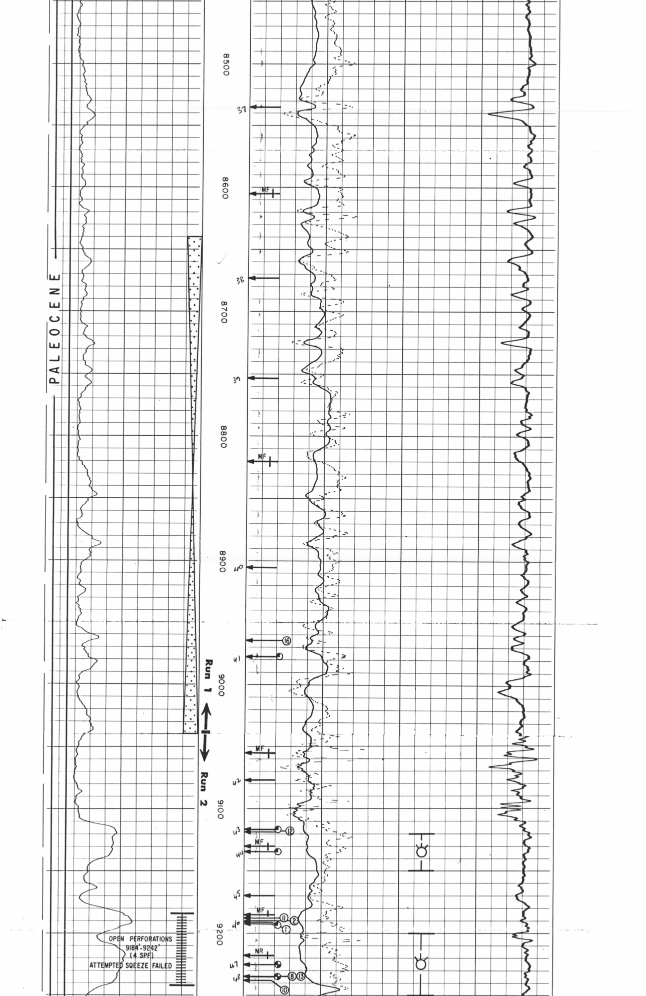


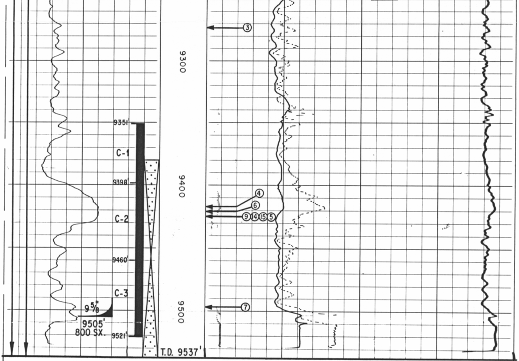












PRODUCTION TEST

The well was perforated on June 8th at 0003 hours, from 9184 to 9243 feet. (4 spf using 2-1/8" OD Schlumberger Uni-jet) Surface pressure, measured on an Amerada recorder increased from 50 to 840 psi immediately after perforating. Two Amerada pressure bombs and a temperature recording bomb were then run into the hole and hung below the perforations at 9279 and 9284 feet. No temperature data is available as formation water temp-