

NALANGIL-1

OT.4415



DEPT. NAT. RES. & ENV.
PE600864

COMPOSITE WELL LOG

ENCLOSURE-1

GAS AND FUEL EXPLORATION N.L.

NALANGIL No.1

PERMIT : PEP 100

BASIN : OTWAY

STATE : VICTORIA

LOCATION :	LATITUDE : 38°21'40.4"S	DATE SPUNDED :	4th August 1990 at 0200 hrs	
	LONGITUDE : 143°26'17.9"E	DATE REACHED T.D. :	7th August 1990 at 1545 hrs	
SEISMIC :	STATION : 255	LINE : OHG86A-107	DATE RIG RELEASED :	10th August 1990 at 1500 hrs
ELEVATION :	G.L.143.0m K.B.146.05m REF.A.M.S.L.	DRILLING CONTRACTOR :	FLETCHER DRILLING SERVICES PTY.LTD.	
TOTAL DEPTH :	DRILLER : 363.0m	RIG No. :	1	
	LOGGER : 352.0m			
STATUS :	PLUGGED AND ABANDONED	HOLE SIZE	FROM TO	
WELLSITE GEOLOGIST :	A.TABASSI	20"	SURFACE 6.0m	
WELLSITE ENGINEER :	K.SMITH	12 1/4"	6.0m 68.78m	
LOGGED BY :	B.P.B.	8 1/2"	68.78m 363.0m	
MUD LOGGING BY :	HELLIBURTON GEODATA	CASING SIZE	GRADE WEIGHT SHOE CEMENTED TO	
CEMENTING AND TESTING BY :	HELLIBURTON	16"	"CONDUCTOR" 6.0m SURFACE	
		9 5/8"	J55-8rd STC 36 lb/ft 64.24m SURFACE	

FORMATION TESTING :	DST No.	INTERVAL	RECOVERY	CEMENT PLUG	FROM	TO	SACKS
The attempted conventional bottom hole drill stem test was aborted due to contractual disputation by the drilling contractor.				PLUG No.1	363.0m	255.0m	95
				PLUG No.2	80.0m	30.0m	60
				PLUG No.3	SURFACE		10

CORE
C - (No.) Core Number
CORE ANALYSIS
Interval
Kav - Average Permiability (Millidarcys)
βav - Average Porosity (%)
Soav - Average Oil Saturation (%)
No Recovery

SIDEWALL CORE (No.)
(No Recovery)

D.S.T. - DRILL STEM TEST
Number and Interval

LOG ANALYSIS
Avβ - Average weighted Porosity (%)
AvSw - Average weighted Water Saturation (%)

N.P. - NET PAY
β - Average weighted Porosity (%)
Sw - Average weighted Water Saturation (%)

R.F.T. TEST POINT

PERFORATED INTERVAL

PLUG (No.)

CASING SHOE

BIT

SYMBOLS

☀ GAS

☀ GAS SHOW

● OIL

● OIL SHOW

~ UNCONFORMITY

○ DIP

↘ DEVIATION

G GLAUCONITE

M MICA

Fe IRON OXIDE

L LITHICS

◆ PYRITE

▬ CARBONACEOUS MATERIAL

☞ PLANT REMAINS

⊕ FOSSILS

⊕ MICROFOSSIL

|||| FELDSPAR

○ GARNET

ABBREVIATIONS

MW - Muddy water

GCM - Gas cut mud

GCMW - Gas cut muddy water

SGCWTS - Slightly gas cut water to surface

GTS - Gas to surface

NFTS - No fluid to surface

WTS - Water to surface

OTS - Oil to surface

BOPD - Barrels of oil per day

PBTD - Plug back total depth

BCPD - Barrels of condensate per day

BWPD - Barrels of water per day

MMCFD - Millions of cubic feet per day

RTSTM - Rate to small to measure

POOH - Pulled out of hole

TG - Trip gas

CG - Connection gas

NB - New bit

RRB - Re run bit

CB - Core bit

RRCB - Re run core bit

LITHOLOGY

GRANULES & larger : asp. SMALL PEBBLES (larger)

○ OOLITH, PISOLITH

▨ SANDSTONE, very coarse grained

▨ SANDSTONE, coarse grained

▨ SANDSTONE, medium grained

▨ SANDSTONE, fine grained

▨ CALCAREOUS SANDSTONE

▨ SILTY SANDSTONE

▨ SILTSTONE

▨ SILTY CLAYSTONE

▨ CLAYSTONE / SHALE

▨ DOLOMITE

▨ LIMESTONE

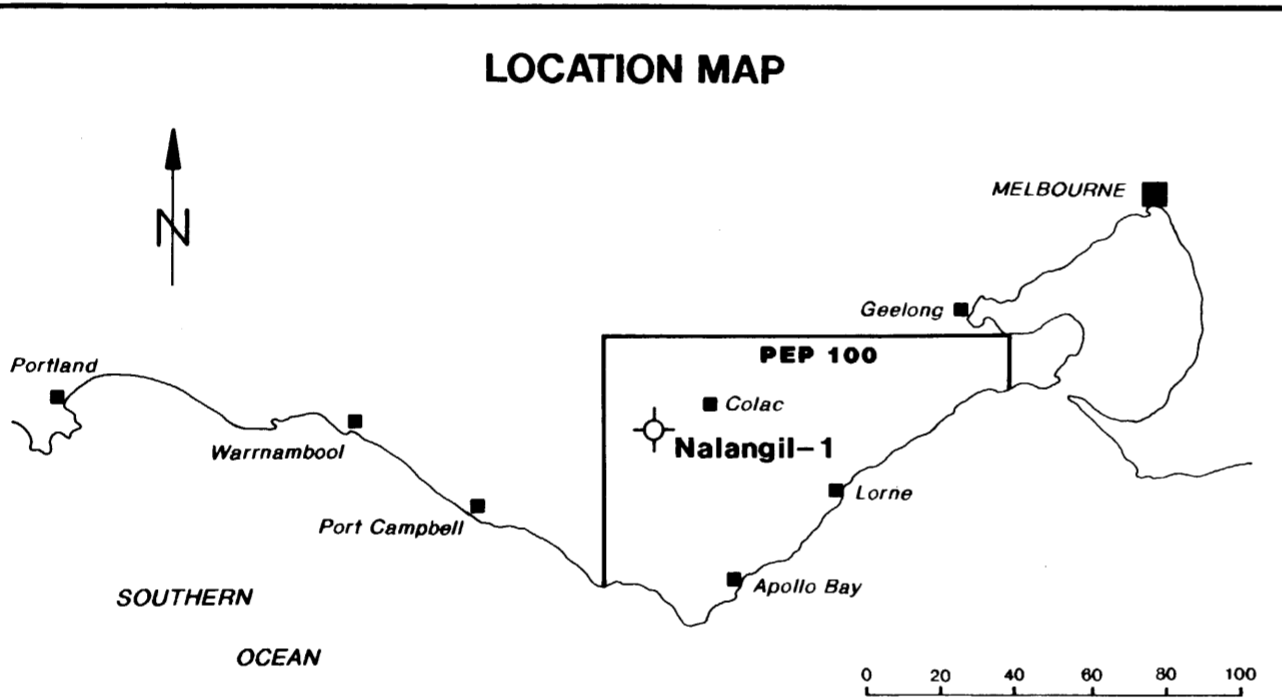
▨ CALCILUTITE

▨ CALCARENITE

▨ MARL

▨ COAL

▨ BASEMENT



CONSORTIUM

GAS AND FUEL EXPLORATION N.L. 100 %

Author : A.TABASSI Date : September, 1991

Draftsman : S.CLARK Drg No. OT.4415

M.13

WIRELINE LOG DATA							
DATE	7th, August, 1990	LOG	RUN No.	DATE	INTERVAL	SCALE	
RUN No.	1	SDL-MRS-GR-SP-CAL (Resistivity)	1	7th, August, 1990	352.0m - 64.0m	1:200 & 1:500	
Rm at Measured Temp.	2.88 at 25°C	NCS-GR-CAL (Density-Neutron)	1	7th, August, 1990	352.0m - 64.0m	1:200 & 1:500	
Rmf at Measured Temp.	3.02 at 25°C	CSS-GR-CAL (Sonic)	1	7th, August, 1990	352.0m - 64.0m	1:200 & 1:500	
Rmc at Measured Temp.	4.04 at 25°C	CIS (Velocity Survey)	1	8th, August, 1990	—	20 Levels	
Source Rmf Rmc	Press Press	SCG-GR (Sidewall Core)	1	8th, August, 1990	—	1 Gun-24 Cores	
Rm at BHT	2.88 at 25°C						
Time since Circ. stopped.	4 hrs						
Max. recorded Temp.	25°C						

