DARRIMAN_1

Location:
Latitude: -38.4488578 S
Longitude: 147.0079848 E

Total Depth Drilled (KB) = 1441 m; Depth Logged (KB) = m
KB Elevation = 117 m amsl
Seismic line reference:

Completed by
Status =

Lithostratigraphy by
Lithological interpretation
Palynology by
Produced by the Basin Studies Group 06-Oct-201

State Government Victoria AUSTRALIA — Department of Primary Industries

Lithological legend

Carbonate Lithotypes
- Limestone
- Limestone, sandy
- Limestone, dolomitic
- Dolomite
- Dolomite, calcareous
- Marl

Siliciclastic Lithotypes
- Conglomerate
- Sandstone, pebbly
- Sandstone
- Sandstone, calcareous
- Sandstone, argillaceous
- Sandstone, glauconitic
- "Greensand"
- l'bedded sandstone & mudstone
- Siltstone
- Mudstone (shale)
- Mudstone, calcareous
- Claystone
- Coal

Others
- Extrusive rocks
- Mafic sills
- Plutonic rocks
- Metamorphic rocks

N.B. Not all lithological patterns in the legend have been used in this wellsheet.

Accessory minerals legend

C - carbonaceous debris
P - pyrite
G - glauconite
M - mica
Arrowheads indicate SWC range & abundance
Patterns indicate cuttings/core range & abundance

trace | common | minor | abundant

Pristane/Phytane Legend

< 1.5 Anoxic - Subaqueous (lacustrine or marine)
1.5 - 3.0 Trans - Transitional environment
> 3.0 Oxic - Subaerial environment

Palynological scheme legend

SPORE-POLLEN:

T. be	= T. bellus
P. tu	= P. tuberculatus
N. as	= N. asperus
P. as	= P. asperopolus
M. di	= M. diversus
L. ba	= L. balmei
F. lo	= F. longus
T. li	= T. lilliei
N. se	= N. senectus
T. ap	= T. apoxyexinus
P. ma	= P. mawsonii
H. un	= H. uniforma (A. di = A. distocarinatus)
P. pa	= P. pannosus
C. pa	= C. paradoxa
C. st	= C. striatus
C. hu	= C. hughesii
P. no	= P. notensis
F. wo	= F. wonthaggiensis
C. au	= C. australiensis
R. wa	= R. watheroensis

DINOFLAGELLATES:

C. in	= C. incompositum
D. he	= D. heterophylcta
A. hy	= A. hyperacantha
A. ho	= A. homomorphom
E. cr	= E. crassitabulata
T. ev	= T. evittii
M. dr	= M. druggii
I. ko	= I. korojenense
X. au	= X. australis
N. ac	= N. aceras
I. ro	= I. rotundatum
I. cr	= I. cretaceum
O. po	= O. porifera
C. st	= C. striatoconus
P. in	= P. infusorioides

N.B. Not all palynological zones in the legend have been used in this wellsheet.

Palynologists' environments legend

nm - non marine
lac - lacustrine
est - estuarine
mm - marginal marine
ns - nearshore marine
om - offshore marine

N.B. Environments are based on spore-pollen/dino ratios.

Hydrocarbon shows/tests legend

- Gas show (weak)
- Gas show (strong)
- Gas zone
- Oil show (weak)
- Oil show (strong)
- Oil zone
- Oil/gas show (weak)
- Oil/gas show (strong)
- Oil fluorescence
- CO_2 zone
- RFT test

N.B. Not all hydrocarbon symbols in the legend have been used in this wellsheet.

Depth(kb)	Casing	CALI 7 IN 21	SP -25 MV 100 / GR 0 GAPI 200	Lithologies	Sidewall	Core	Accessory minerals C P G M	ILM 0.2 OHMM 2000 / ILD 0.2 OHMM 2000 / SN 0.2 OHMM 2000 / LN 0.2 OHMM 2000	DRHO -0.4 G/CC 0.1 / RHOB 1.95 G/CC 2.95 / NPHI 0.45 V/V -0.15	Sonic Log 140 US/F 40	TWT (ms) datum (msl)	Lithostratigraphy	Palynologists' palaeoenvirons nm lac est mm ns om	Spore/pollen zones	Dino zones	Hydrocarbon shows/tests Show / Tests / Description	Pristane/Phytane Ratio Environ	Palaeoenvironment from integrated analysis	Sequence stratigraphic scheme	Depth(kb)
100												Jemmys Creek Fm								100
200												Mitchell River Fm								200
300																				300
400												Gippsland Limestone								400
500												Lakes Entrance Fm								500
600																				600
700																				700
800												Yallourn Fm								800
900																				900
1000																				1000
1100																				1100
1200												Narracan Group								1200
1300																				1300
1400												Jurassic								1400

C. st