WILD DOG-1

Location: Offshore Otway Basin
Latitude: 38 47 16.78 S
Longitude: 144 07 33.08 E

Water Depth = 79 m
Total Depth Drilled (KB) = 1222 m; Depth logged (KB) = 1226 m
KB Elevation = 22.3 m amsl
Seismic line reference: OS90-13, sp 1670

Completed January 9, 1993 by the Shell Company of Australia
Status = Plugged & abandoned

Lithostratigraphy by Basin Studies (1999)
Lithological interpretation Natalia Liberman (1998)
Palynology by M.K. Macphail (1993)
Produced by the Basin Studies Group 19-May-99 for Enclosure 3, VIMP 60

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"
- I'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 · minor · common · 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. watherooensis

DINOFLAGELLATES:

W. th	= W. thompsonae
C. in	= C. incompositum
H. ta	= H. tasmaniense
D. he	= D. heterophylcta
A. hy	= A. hyperacantha
A. ho	= A. homomorphom
E. cr	= E. crassitabulata
T. ev	= T. evittii
P. py	= P. pyrophorum
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 (7–20 IN)	SP (-50–100 MV) / GR (0–200 GAPI)	Lithologies	Sidewall	Core	Accessory minerals (C P G M)	LLS / LLD (0.2–2000 OHMM)	DRHO (-0.4–0.3 G/CC) / RHOB (1.95–2.95 G/CC) / NPHI (45–-15 V/V)	Sonic Log (190–40 US/F)	TWT (ms)	Lithostratigraphy	Palynologists' palaeoenvirons (nm lac est mm ns om)	Spore/pollen zones	Dino zones	Show	Hydrocarbon shows/tests: Tests / Description	Pristane/Phytane: Ratio / Environ	Palaeoenvironment from integrated analysis	Sequence stratigraphic scheme	Depth(kb)
100	30"																				100
200																					200
300	13-3/8"										300										300
400											400										400
500											500	TORQUAY GROUP									500
600											600	Puebla Fm 325								open marine, shallow shelf	600
700	9-5/8"										700	Jan Juc Fm 623									700
800											800	DEMONS BLUFF GROUP — Angahook Fm 719								marginal to shallow marine	800
900											900	Anglesea Siltstone 789								shallow marine	900
1000											1000	Boonah Fm 928			md N. as; C. in					marginal marine	1000
1100											1100	EASTERN VIEW — Eastern View Gp 1007			up L. ba; N. se					fluvio-deltaic	1100
1200												OTWAY — Eumeralla Fm 1160			C. st					fluvial to fluvio-deltaic	1200