

DUTSON_DOWNS_1

Location: GIPPSLAND BASIN
 Latitude: -38.20000357419 S
 Longitude: 141.3624992505 E

Total Depth Drilled (KB) = 1869 m
 KB Elevation = 4.9 m amsl
 Seismic line reference: N/A

Completed April 1966 by Woodside Lakes Entrance Co NL
 Status = Plugged & abandoned

Lithostratigraphy by Petroleum Operations Branch & WCR
 Lithological interpretation WCR Dutson Downs-1
 Palynology by A. Partridge 1996
 Produced by the Basin Studies Group 1996 L.A. Knight



Lithological legend

Carbonate Lithotypes	Siliciclastic Lithotypes	Others
Limestone	Conglomerate	Extrusive rocks
Limestone, sandy	Sandstone, pebbly	Mafic sills
Limestone, dolomitic	Sandstone	Plutonic rocks
Dolomite	Sandstone, calcareous	Metamorphic rocks
Dolomite, calcareous	Sandstone, argillaceous	
Marl	Sandstone, glauconitic	
	"Greensand"	
	l'bedded sandstone & mudstone	
	Siltstone	
	Mudstone (shale)	
	Mudstone, calcareous	
	Claystone	
	Coal	

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

Accessory minerals legend

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

Pristane/Phytane Legend

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

Palynological scheme legend

SPORE-POLLEN:	DINOFLAGELLATES:
T.be = T. bellus	C.in = C. incompositum
P.tu = P. tuberculatus	D.he = D. heterophlycta
N.as = N. asperus	A.hy = A. hyperacantha
P.as = P. asperopolus	A.ho = A. homomorphom
M.di = M. diversus	E.cr = E. crassitabulata
L.ba = L. baimei	T.ev = T. evittii
F.lo = F. longus	M.dr = M. druggii
T.li = T. lilliei	I.ko = I. korjenense
N.se = N. senectus	X.au = X. australis
T.ap = T. apoxyxinus	N.ac = N. acorus
P.ma = P. mawsonii	I.ro = I. rotundatum
H.un = H. uniforma (A. di = A. distocarinatus)	I.cr = I. cretaceum
P.pa = P. pannosus	O.po = O. porifera
C.pa = C. paradoxa	C.st = C. striatoconus
C.st = C. striatus	P.in = P. infusorioides
C.hu = C. hughesii	
P.no = P. notensis	
F.wo = F. wonthaggiensis	
C.au = C. australiensis	
R.wa = R. watheroensis	

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

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.

