

HINDHAUGH CREEK-1

Location: Onshore Otway Basin
 Latitude: 38 16 41.1 S
 Longitude: 144 11 58 E

G.L. Elevation = 70.71 m
 Total Depth Drilled (KB) = 2371.65 m; Depth logged (KB) = 2384.15 m
 KB Elevation = 74.68 m amsl
 Seismic line reference: OGF92A-405, 4 km NE of sp 890

Completed November 10, 1969 by Pursuit Oil N.L.
 Status = Plugged & abandoned

Lithostratigraphy by Hindhaugh Creek-1 WCR
 Lithological interpretation by Natalia Liberman (2001)
 Palynology by M.K. Macphail (1989)
 Produced by the Basin Studies Group 27-Aug-200



Lithological legend

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

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

Palynological scheme legend

SPORE-POLLEN:		DINOFAGELLATES:	
T. be = T. bellus	W. th = W. thompsonae	C. in = C. incompositum	H. ta = H. tasmaniense
P. tu = P. tuberculatus	C. in = C. incompositum	A. hy = A. hyperacantha	A. ho = A. homomorphum
N. as = N. asperus	H. ta = H. tasmaniense	E. cr = E. crassitubulata	T. ev = T. evittii
P. as = P. asperopolus	A. hy = A. hyperacantha	P. py = P. pyrophorum	M. dr = M. druggii
M. di = M. diversus	A. ho = A. homomorphum	X. au = X. australis	I. ko = I. korjense
L. ba = L. balmei	E. cr = E. crassitubulata	N. ac = N. aceris	I. ro = I. rotundatum
F. lo = F. longus	T. ev = T. evittii	I. cr = I. cretaceum	O. po = O. porifera
T. li = T. lilliei	P. py = P. pyrophorum	C. st = C. striatococcus	P. in = P. infusorioides
N. se = N. senectus	M. dr = M. druggii	R. wa = R. watheroensis	
T. ap = T. apoxyxanthus	X. au = X. australis		
P. ma = P. mawsonii	N. ac = N. aceris		
H. un = H. uniformis (A. di = A. distocarinatus)	I. ko = I. korjense		
P. pa = P. pannosus	I. ro = I. rotundatum		
C. pa = C. paradoxa	O. po = O. porifera		
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.

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	Oxic - Subaerial environment

