

# OLANGOLAH-1

Location: Onshore Otway Basin  
 Latitude: 38 40 20.71 S  
 Longitude: 143 38 53.40 E



Total Depth Drilled (KB) = 2302 m; Depth logged (KB) = 2154 m  
 KB Elevation = 454.3 m amsl  
 Seismic line reference:

Completed June 19, 1982 by Gas and Fuel Exploration  
 Status = Plugged & abandoned  
 Lithostratigraphy by from WCR  
 Lithological interpretation Natalia Liberman (2001)  
 Palynology by M.E. Dettmann (1982)  
 Produced by the Basin Studies Group 21-Aug-200

## Lithological legend

<b>Carbonate Lithotypes</b>	<b>Siliciclastic Lithotypes</b>	<b>Others</b>
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.

## 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 Oxidic - Subaerial environment

## Palynological scheme legend

**SPORE-POLLEN:**

T.be = T. bellus	W.th = W. thompsonae
P.tu = P. tuberculatus	C.in = C. incompositum
N.as = N. asperus	H.ta = H. taeniense
P.as = P. asperopolus	D.he = D. heterophylica
M.di = M. diversus	A.hy = A. hyperacantha
L.ba = L. balmei	A.ho = A. homomorphom
F.lo = F. longus	E.cr = E. crassitabulata
T.li = T. lilliei	T.ev = T. evittii
N.se = N. senectus	P.py = P. pyrophorum
T.ap = T. apoxyxenus	M.dr = M. druggii
P.ma = P. mawsonii	I.ko = I. koroljense
H.un = H. uniforma (A. di = A. distocarinatus)	X.au = X. australis
P.pa = P. pannosus	N.ac = N. aceris
C.pa = C. paradoxo	I.ro = I. rotundatum
C.st = C. striatus	I.cr = I. cretaceum
C.hu = C. hughesii	O.po = O. porifera
P.no = P. notensis	C.st = C. striatococcus
F.wo = F. wonthaggiensis	P.in = P. infusorioides
C.au = C. australiensis	R.wa = R. watheroensis

**DINOFLAGELLATES:**

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 <sub>2</sub> zone
RFT test

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

