Esso Australia Ltd.

Esso Australia Petroleum Company

COMPOSITE WELL LOG

Cape Sorell 1

WELL DATA

LOCATION: Latitude 43° 07' 30.04" S	Longitude 144° 57' 57.51" E
Permit VIC/P44(V)	Co-ordinates (AGD 66) Y 5 232 000 mN X 577 000 mE
Elevation: RT (Rotary Table) 25m above MSL	Water Depth 124m
Spud Date 27 Jan 1998	Completion Date 15 Mar 1998
Total Depth 3,000m	Plug Back Total Depth 2,990m
Rig: Ocean Bounty	
All depths are RT unless otherwise stated	Datum: Depths are referenced to RT (25m above MSL)

CASING DATA

No.	Hole Size	Casing Size	Weight	Grade	Thread	Depth
1	914mm (36")	762mm (30")	310 kg/m	X-56	BTC	249m
2	660mm (26")	508mm (20")	133 kg/m	X-56	BTC	1,000m
3	445mm (17.5")	340mm (13.375")	107 kg/m	P-110	BTC	1,990m
4	311mm (12.25")	244mm (9.625")	53.5 kg/m	P-110	BTC	2,990m
5	216mm (8.5")	168mm (6.625")	32 kg/m	P-110	BTC	3,000m
6	445mm (17.5")	340mm (13.375")	107 kg/m	P-110	BTC	1,990m
7	311mm (12.25")	244mm (9.625")	53.5 kg/m	P-110	BTC	2,990m
8	216mm (8.5")	168mm (6.625")	32 kg/m	P-110	BTC	3,000m

PERFORATIONS: 2,990m - 3,000m (10m) 4 SPF

PRODUCTION TESTS: 2,990m - 3,000m (10m) 4 SPF



CAPE SORELL 1
VICTORIA DRAWING
EXPLORATION PERMIT VIC/P
OFFSHORE
WESTERN TASMANIA

LEGEND

LITHOLOGY SYMBOLS

- Limestone
- Dolomite
- Anhydrite
- Gypsum
- Salt
- Chalk
- Coal
- Shale
- Claystone
- Siltstone
- Marl
- Sandstone
- Conglomerate
- Volcanics
- Basement
- Cavings
- Undifferentiated

MINERALOGY SYMBOLS

- Glauconite
- Pyrite
- Siderite
- Ankerite
- Chert
- Fossils
- Carbonaceous material
- Trace fossils
- Oil stain
- Fluorescence
- Cut
- Residual oil

OPERATIONAL SYMBOLS

- Core
- Sidewall core
- Drill stem test
- Mud weight
- Leak off test
- Formation pressure
- Lost circulation material
- Junk
- Fish
- Plug back
- Kick off point
- Whipstock
- Milling
- Reaming
- Cementing
- Squeeze cementing
- Logging while drilling
- Measurement while drilling
- Pressure while drilling
- Directional survey
- Vertical seismic profile
- Log
- Checkshot survey
- Velocity survey
- Sonic while drilling
- Gamma ray while drilling
- Resistivity while drilling
- Density while drilling
- Neutron while drilling
- Acoustic while drilling
- Drilling with casing
- Wireline logs
- Mudlogging
- Geochemical logging
- Vertical interpretation
- Deviated interpretation
- Horizontal interpretation
- Geological sidetrack
- Mechanical sidetrack
- Abandoned
- Suspended
- Oil show
- Gas show
- Oil to surface
- Gas to surface
- Oil shale
- Gas shale
- Oil discovery
- Gas discovery
- Abandoned oil discovery
- Abandoned gas discovery
- Oil appraisal
- Gas appraisal
- Oil development
- Gas development
- Service well
- Dry hole
- Stratigraphic test
- Hydrocarbon indication
- Water injection
- Gas injection
- Observation
- Water supply
- Production
- Disposal
- Gas storage

WCT Symbol

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