

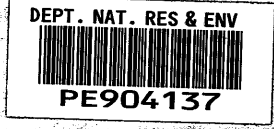
WELL	IMRAY BORE	TYPE	BASIN	Gippsland
Tenement Holder	Austral Oil ^{Drilling} Syndicate N.L.	Map Used	Bairnsdale Inset Geol. Ph. Colquhoun. Alt. P.A.	124P
Operator		Latitude	37°52' 00" S	
Tenement	2 Petroleum License No 27.	Longitude	147°59' 00" E	47"E
Elevation	135' (DF) by aneroid	Total Depth	1274'	Status
Spud		Completed		Abandoned
Casing	8" cemented at 396' ; 6" cemented at 1253'			

STRATIGRAPHY

Steam Driven Porosim, tubular steel Derrick

By Cooper 1943.

- Kalbarrian — 606" - 215'6"
- Mitchellian — 215'6" - 274'
- Balmainian { Bairnsdale — 274' - 630'
- Bairnsdale — 630' - 770'
- Longford — 770' - 1030'
- Langfordian — 1030' - 1274'6"
- Glauconitic Sandstone — 1253' - 1274'6"



By Groll I.C.H. 1939.

- Duller log shows
- Murchisonian 61' - 1005'
- Brown Murchison clay 1005' - 1253'
- Green Glauconitic ss. 1253'

20' @ 1253'

21' of glauconitic Sandstone at 1253'

Full " " not penetrated

FORMATION TESTS

Production Testing: Yield lower than most bores in vicinity.

By Groll 1939. Test made during capping into the oil-bearing strata.

Maximum rate from 20' of open hole (ie approx 28.5 sq ft of surface area) was 0.29 gallon per hour for 23 hours. Oil did not rise in hole.

By Ruggatt 1940. Bailing tests over 400 days gave a production of about 5 gall/day (not completely water free oil).

Rising tests commenced Sept. 1939. Measured at weekly intervals. Rate of rise at commencement was 4 feet/day, but by 10th June 1940 gradually decreased to 2 feet per day.

Fluid level from surface 43 ft. volume of oil 978 ft. & water 253 ft. started 1274'

27-2-1940. Result of bailing - oil on surface - 1042 galls. underlying 31 pints oil (5% water) & 8 1/2 pints water.

LOG SUMMARY AND INTERPRETATION

Ref. Groll I.C.H., 1939. Min. & Geol. J. Vol 1 part 4 p 72.

" " 1940. " " " Vol 2 " 3 p 143.

Ruggatt 1940. "Oil Possibilities in Lakes Entrance Area" - Unpub. Rpt.

Austral Oil S.M.A. IMRAY BORE

checked against well file

