



COMPLETION REPORT  
FOR  
OIL DEVELOPMENT N.L.'s  
ANGLESEA WELL NO. 1  
P.P.L. 256, VICTORIA.

WCR  
ANGLESEA -1  
W468

PETROLEUM PROSPECTING LICENCE

NO. 256

VICTORIA

ANGLESEA WELL NO. 1

Well drilled by -

Oil Development N.L.

(now Alliance Oil Development Australia N.L.)

in association with

Planet Oil Company N.L.

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Copy No. ..5..

COMPLETION REPORT  
FOR  
OIL DEVELOPMENT N. L. 's  
ANGLESEA WELL NO. 1  
P.P.L. 256, VICTORIA

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PLATES -

- ✓ 1. Torquay Embayment, Port Phillip Basin - Structural features and distribution of pre-Pliocene stratigraphic units - and location of O.D.N.L. Anglesea Well No. 1.
- ✓ 2. Geologic cross-section through O.D.N.L. Anglesea Well No. 1, before and after drilling.
- ✓ 3. Composite well log, O.D.N.L. Anglesea Well No. 1 (in 4 sheets).

APPENDICES -

1. Petrological Reports:

- (a) Lithologic description of cores, by P. W. Bollen to 8,200 feet, J. Cundill to 9,176 feet, and N. A. Meyers to 10,065 feet.
- (b) Lithologic description of side-wall cores, by J. Cundill.
- (c) Mineral composition of Core No. 12 at 3,160 feet, by J. C. Kennedy, Senior Chemist, Mines Department of Victoria. (included in Appendix 4, below)

2. Paleontological Reports:

- (a) Preliminary palynological examination, Oil Development N.L. Anglesea No. 1 bore core, by J. Douglas, Mines Department of Victoria.
- (b) Plant remains, O.D.N.L. Anglesea No. 1 Well, by J. Douglas, Mines Department of Victoria.
- (c) Micropalaeontological report on Anglesea No. 1 Well, by D. J. Taylor, Mines Department of Victoria.

3. Average mud properties and mud materials used.

4. Examination of core and cuttings from O.D.N.L. Anglesea Well No. 1, by J. C. Kennedy, State Laboratories, Melbourne.

5. Core Analyses, by Bureau of Mineral Resources.

ENCLOSURES -

Electric Logs, scales 1" = 100 feet and 5" = 100 feet.

Run No. 1	- 390 to	2289 feet
Run No. 2	- 2298 to	4233 feet
Run No. 3	- 4050 to	6313 feet
Run No. 4	- 6200 to	7893 feet
Run No. 5	- 7700 to	8954 feet
Run No. 6	- 8834 to	10040 feet

Microlog - Caliper surveys, scales 1" = 100 feet and 5" = 100 feet.

Run No. 1	= 390 to	2287 feet
Run No. 2	= 2298 to	4233 feet
Run No. 3	= 4150 to	6313 feet
Run No. 4	= 6200 to	7893 feet (Caliper, 2298 to 7893 feet)

Run No. 5 - 7700 to 8954 feet  
Run No. 6 - 8700 to 10028 feet

Continuous Dipmeter Survey, scale 1" = 100 feet

Run No. 1 - Interpretation, 4800 to 7886 feet.

D.S.T. Pressure Charts

D.S.T. No. 1 (no pressure recorders available)  
D.S.T. No. 2 (pressure charts not available)  
D.S.T. No. 3 Top and bottom charts  
D.S.T. No. 4 Top and bottom charts

CORE RESULTS SUMMARY SHEET

All cores received unsealed.

N.D. = Not Determined

Well or Area Name or No.	Date of Test	Core No.	Depth Ft.	Effective Porosity % by vol.		Permeability Millidarcies		Densities Gms/cc.			Saturation				Oil Character		Acid Solubility % by vol.	Remarks
				V	H	V	H	Virgin Bulk Avg.	Dry Bulk Avg.	Grain Avg.	Water % Pore space	Oil % Pore space	Oil tons per acre foot	Oil bbls per acre foot	Fluores in Solvent	Extracted fluores. and Colour		
Anglesea No. 1	25/7/62 to 3/8/62	5	1509'4" to 1509'8"	26	29	N.D.	N.D.	N.D.	1.97	2.64	60	Not Measureable	N.D.	Strong Golden Colour in Toluene	1	Friable Carbonaceous Material in core		
"	"	6	1784'0" to 1784'4"	15	13	Nil.	Nil	N.D.	2.21	2.57	37	Nil Nil Nil	N.D.	No Colour in Toluene.	1			
"	"	7	1947'0" to 1947'4"	11	8	Nil	Nil	N.D.	2.30	2.55	27	Nil Nil Nil	N.D.	As above	16	Extraction repeated		
"	"	8	2231'0" to 2231'5"	8	5	Nil	Nil	N.D.	2.47	2.64	48	Nil Nil Nil	N.D.	As above	34	Extraction repeated		
"	"	9	2298'8" to 2299'0"	12	12	Nil	Nil	N.D.	2.27	2.60	53	Nil Nil Nil	N.D.	As above	7			
"	"	10	2561'8" to 2562'0"	7	8	Nil	4	N.D.	2.36	2.54	66	Nil Nil Nil	N.D.	As above	3			
"	"	11	2867'2" to 2867'6"	4	7	Nil	Nil	N.D.	2.39	2.53	100	Nil Nil Nil	N.D.	No Colour in Toluene	7			

APPENDIX 5  
COMPLETION REPORT  
ANGLESEA WELL NO.

Well or Area Name or No.	Date of Test	Core No.	Depth Ft.	Effective Porosity % by vol.		Permea- bility Millidarcies		Densities Gms/cc.			Saturation				Oil Character		Acid Solu- bility % by vol.	Remark
				V	H	V	H	Virgin Bulk Avg.	Dry Bulk Avg.	Grain Avg.	Water % Pore spaces	Oil % Pore space	Oil tons per acre foot	Oil bbls per acre foot	Fluores. in Solvent	Extracted fluores. and Colour		
Anglesea No. 1	25/7/62 to 3/8/62	12	3162'0" to 3162'4"	4	4	Nil	Nil	N.D.	2.50	2.60	100	Nil	Nil	Nil	N.D.	As above	6	
"	"	13 <del>1/2</del>	3460'6" to 3460'10"	4	4	Nil	Nil	N.D.	2.51	2.58	70	Nil	Nil	Nil	N.D.	As above	51	Core re- ceived Semi sealed.
"	"	13 <del>1/2</del>	3465'2" to 3465'8"	4	3	Nil	Nil	N.D.	2.52	2.62	100	Nil	Nil	Nil	N.D.	As above	50	As above
"	"	14 <del>1/2</del>	3724'0" to 3734'0"	5	3	Nil	Nil	N.D.	2.47	2.58	100	Nil	Nil	Nil	N.D.	As above	8	As above
"	"	16	4015'0" to 4015'4"	N.D.	8	N.D.	N.D.	N.D.	2.44	2.64	74	Nil	Nil	Nil	N.D.	As above	9	Repeate Extrac- tion using Xylene
"	"	17	4227'0" to 4227'4"	8	6	Nil	Nil	N.D.	2.39	2.58	53	Nil	Nil	Nil	N.D.	No Colour in Toluene	16	Repeate Extrac- tion using Xylene
"	17/8/62 to 27/8/62	18	4523'0" to 4523'6"	5	5	Nil	Nil	N.D.	2.43	2.55	100	Nil	Nil	Nil	N.D.	No Colour in Solvent	15	
"	"	19	4821'0" to 4821'4"	3	1	Nil	Nil	N.D.	2.62	2.68	100	Nil	Nil	Nil	N.D.	As above	30	

Well or Area Name or No.	Date of Test	Core No.	Depth Ft.	Effective Porosity % by vol.		Permeability Millidarcies		Densities Gms/cc.			Saturation				Oil Character		Acid Solubility % by vol.	Remarks
				V	H	V	H	Virgin Bulk	Dry Bulk	Grain	Water % Pore space	Oil % Pore space	Oil tons per acre foot	Oil bbls per acre foot	Fluores. in Solvent	Extracted fluores. and Colour		
Anglesea No. 1	17/8/62 to 27/8/62	20	5161'0" to 5161'4"	5	6	Nil	N.D.	N.D.	2.51	2.66	41	Nil	Nil	Nil	F.D.	As above	Nil	
"	"	21	5491'0" to 5491'4"	4	3	Nil	Nil	N.D.	2.50	2.59	100	Nil	Nil	Nil	N.D.	As above	6	
"	"	23	6245'0" to 6245'4"	4	3	Nil	Nil	N.D.	2.60	2.69	100	Nil	Nil	Nil	N.D.	As above	9	
"	"	25	6763'7" to 6764'0"	3	3	Nil	Nil	N.D.	2.51	2.58	100	Nil	Nil	Nil	N.D.	As above	9	
<p>* Extractions repeated. No oil residue.</p> <p>NOTES: 1. Oil and water saturations obtained by Soxhlet extraction apparatus with toluene as solvent.</p> <p>2. Porosities and permeabilities determined with Ruska field apparatus using air and dry nitrogen respectively as saturating and flowing media.</p> <p>3. Acid solubilities determined with 15% commercial hydrochloric acid.</p>																		