



BHP PETROLEUM PTY. LTD.
A.C.N. 006 918 832

CONAN-1, VIC/P31
WELL COMPLETION REPORT
BASIC DATA
VOLUME ONE

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PETROLEUM DIVISION

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Conan-1 Location Map

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ENCLOSURES

1	Dual Propagation Resistivity, Gamma Ray Logs (Scales 1:200, 1:500 and 1:1000)
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VOLUME 2

Well Seismic Processing Report & Analogue Site Survey Report

6.3 APPENDIX 3 Geochemical Basic Data

GEOTECH JOB 2216, COMAN-1

KK/ref. No.	Depth(m) Type	Rvmax	Range	N	Description Including
					Liptinite (Exinite) Fluorescence
T1753	1575.5 SWC 29	0.46	0.30-0.58	25	Sparse sporinite, yellow to orange, sparse resinite, yellow to orange, rare cutinite yellow to orange. (Siltstone. Dom abundant, I>V>L. Inertinite abundant, vitrinite common, liptinite sparse. Some large inertinite and vitrinite phytoclasts present. Mineral fluorescence pervasive moderate orange. Pyrite abundant.)
T1754	1649.0 SWC 27	0.48	0.33-0.63	26	Sparse sporinite, greenish yellow to orange, sparse liptodetrinite yellow to orange. (Siltstone. Dom abundant, I>L>V. Inertinite abundant, liptinite sparse, vitrinite sparse. Some large inertinite phytoclasts present. Mineral fluorescence pervasive, moderate orange. Pyrite common.)
T1755	1715.0 SWC 24	0.52	0.36-0.68	27	Sparse sporinite, yellow to orange, sparse liptodetrinite yellow to orange. (Siltstone. Dom abundant, I>V>L. Inertinite and vitrinite abundant, liptinite sparse. Some large inertinite and vitrinite phytoclasts present. Some of the wood structures are pyritised. Mineral fluorescence pervasive, moderate orange. Pyrite abundant.)
T1756	1775.0 SWC 19	0.50	0.34-0.71	31	Sparse resinite, yellowish orange, rare cutinite and sporinite yellow to orange. (Siltstone. Dom major, I>V>L. Inertinite and vitrinite abundant, liptinite sparse. Some large inertinite and vitrinite phytoclasts present. The large inertinite clasts occur as semifusinite and macrinite. Mineral fluorescence pervasive, moderate orange. Pyrite abundant.)
T1757	1852.0 SWC 13	0.53	0.37-0.74	28	Rare sporinite, orange to dull orange, rare cutinite, non-fluorescing. (Argillaceous sandstone. Dom abundant, I>V>L. Inertinite abundant, vitrinite common, liptinite rare. Some large inertinite and vitrinite phytoclasts present. From some of the large vitrinite clasts it is apparent that the low part of the reflectance range is derived from tissue having an unusually low reflectance, probably forming part of the bark. This low reflecting tissue does not show fluorescence and does not contain suberin. Some low reflecting material within coaly clasts has an appearance similar to that of bituminite. Cutinite is present, and has a reflectance of 0.44%. Mineral fluorescence patchy, moderate to weak orange from matrix, absent from sand grains. Sideritic carbonate abundant, sparse dolomite rhombs. Pyrite sparse.)
T1758	1892.0 SWC 8	0.57	0.49-0.70	8	Rare liptodetrinite, orange. (Argillaceous lithic sandstone. Dom sparse I>V>L. Inertinite sparse, vitrinite and liptinite rare. Mineral fluorescence patchy weak to moderate orange in the matrix, generally absent from sand sized grains. Iron oxides sparse, some secondary after pyrite. Pyrite rare.)

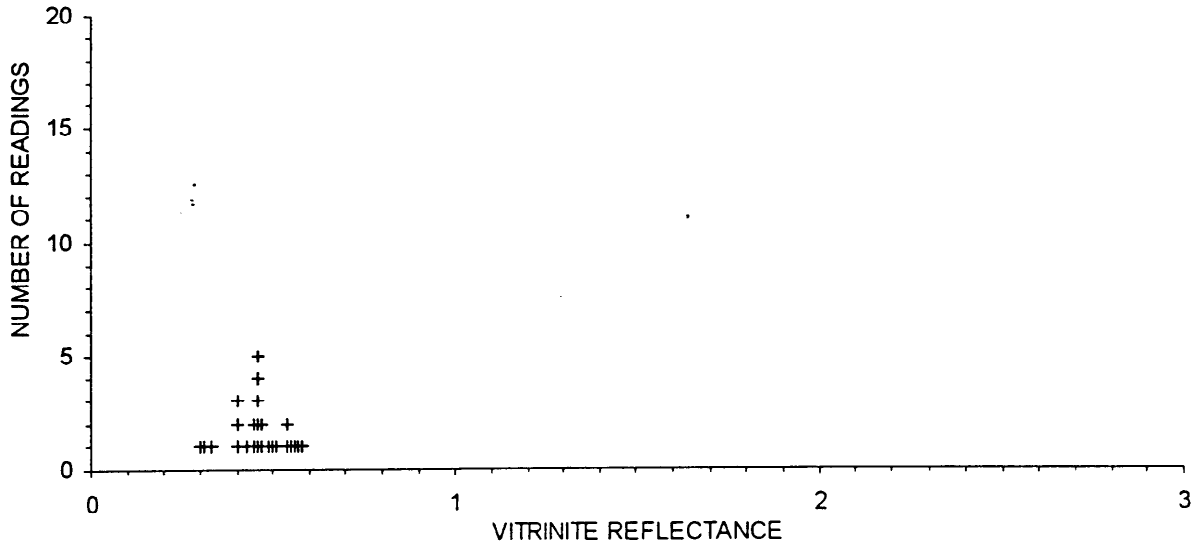
WELL: CONAN 1
 SAMPLE ID: 1575.5 METRES

CLIENT: BHP PETROLEUM
 DATE: NOVEMBER 1995

SAMPLE TYPE: SWC

(Total No. of Readings=25) 0.30 0.31 0.33 0.40 0.40 0.40 0.43 0.45 0.45 0.46 0.46 0.46 0.46 0.47 0.47 0.49
 0.50 0.51 0.54 0.54 0.55 0.56 0.57 0.58

VITRINITE REFLECTANCE							MACERAL IDENTIFICATION				
POPULATION	No. of	Mean	Min	Max	STD	Comments	%	%	%	%	
Number	%	Ro (%)	Ro (%)	Ro (%)	Dev (%)		Alginite	Exinite	Vitrinite	Inertinite	
1	100.0	25	0.46	0.30	0.58	0.08	INDIGENOUS (+)	0.00	6.78	25.42	67.80

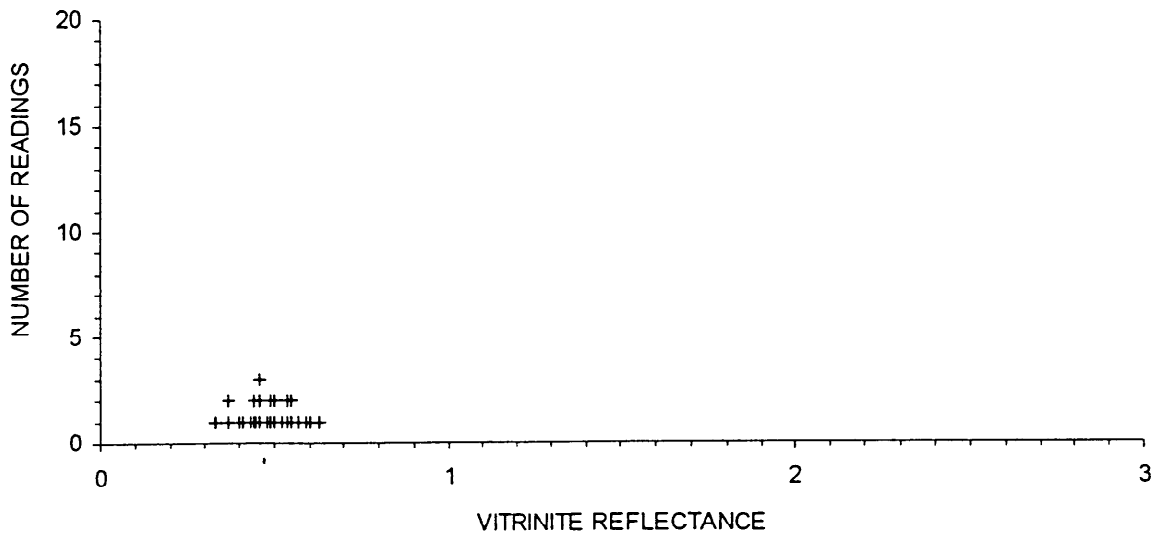


SAMPLE ID: 1649 METRES

SAMPLE TYPE: SWC

(Total No. of Readings=26) 0.33 0.37 0.37 0.40 0.41 0.43 0.44 0.44 0.45 0.46 0.46 0.46 0.48 0.49 0.49 0.50 0.50
 0.52 0.54 0.54 0.55 0.55 0.57 0.59 0.60 0.63

VITRINITE REFLECTANCE							MACERAL IDENTIFICATION				
POPULATION	No. of	Mean	Min	Max	STD	Comments	%	%	%	%	
Number	%	Ro (%)	Ro (%)	Ro (%)	Dev (%)		Alginite	Exinite	Vitrinite	Inertinite	
1	100.0	26	0.48	0.33	0.63	0.08	INDIGENOUS (+)	0.00	14.81	11.11	74.07



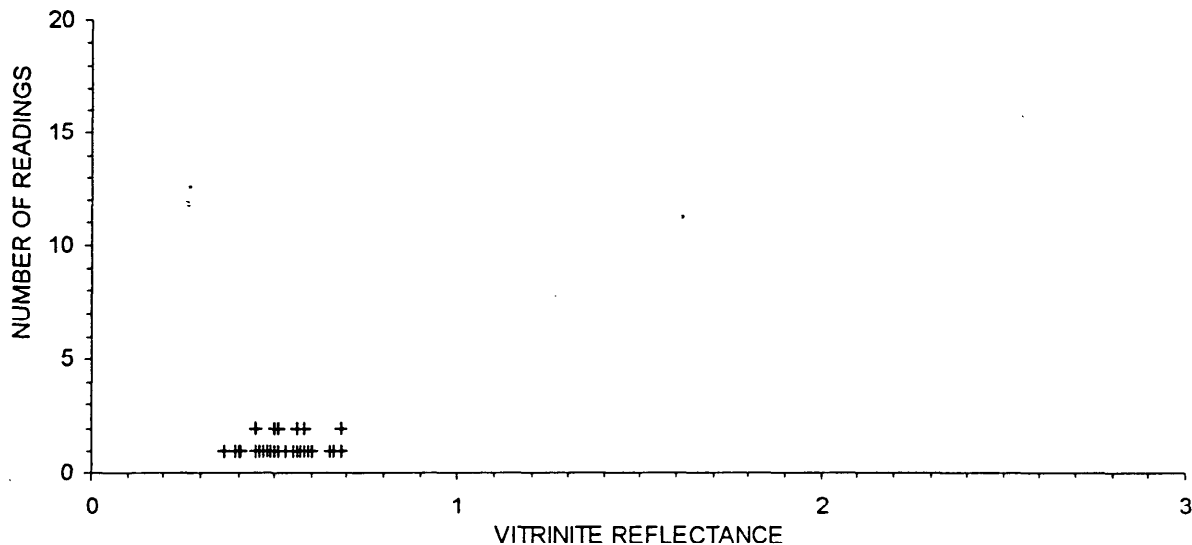
WELL: CONAN 1
 SAMPLE ID: 1715 METRES

CLIENT: BHP PETROLEUM
 DATE: NOVEMBER 1995

SAMPLE TYPE: SWC

(Total No. of Readings=27) 0.36 0.39 0.40 0.41 0.45 0.45 0.46 0.47 0.48 0.49 0.50 0.50 0.51 0.51 0.53 0.55 0.56
 0.56 0.57 0.58 0.58 0.59 0.60 0.65 0.66 0.68 0.68

VITRINITE REFLECTANCE							MACERAL IDENTIFICATION				
POPULATION	No. of	Mean	Min	Max	STD	Comments	%	%	%	%	
Number	%	Ro (%)	Ro (%)	Ro (%)	Dev (%)		Alginite	Exinite	Vitrinite	Inertinite	
1	100.0	27	0.52	0.36	0.68	0.09	INDIGENOUS (+)	0.00	1.71	21.37	76.92

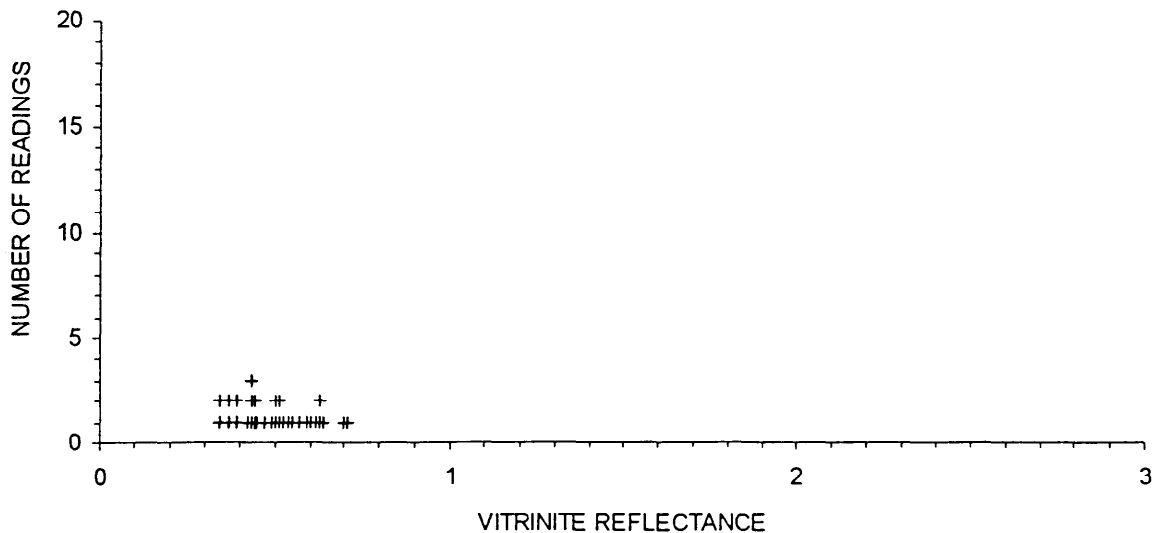


SAMPLE ID: 1775 METRES

SAMPLE TYPE: SWC

(Total No. of Readings=31) 0.34 0.34 0.37 0.37 0.39 0.39 0.42 0.43 0.43 0.43 0.44 0.44 0.45 0.47 0.49 0.50 0.50
 0.51 0.51 0.52 0.54 0.55 0.57 0.59 0.60 0.62 0.63 0.63 0.64 0.70 0.71

VITRINITE REFLECTANCE							MACERAL IDENTIFICATION				
POPULATION	No. of	Mean	Min	Max	STD	Comments	%	%	%	%	
Number	%	Ro (%)	Ro (%)	Ro (%)	Dev (%)		Alginite	Exinite	Vitrinite	Inertinite	
1	100.0	31	0.50	0.34	0.71	0.10	INDIGENOUS (+)	0.00	1.96	19.61	78.43



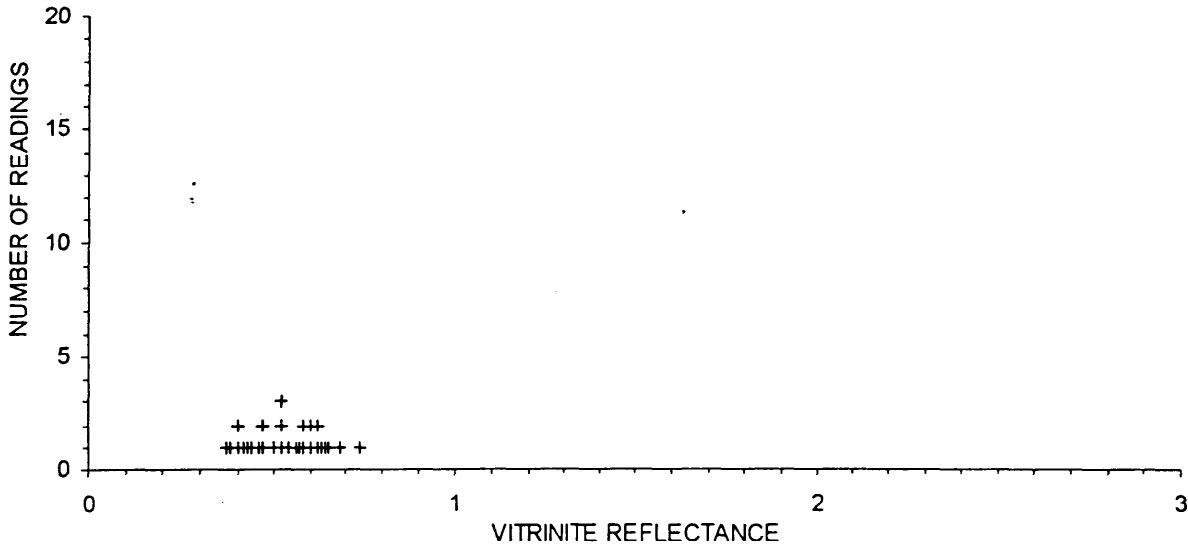
WELL: CONAN 1
 SAMPLE ID: 1852 METRES

CLIENT: BHP PETROLEUM
 DATE: NOVEMBER 1995

SAMPLE TYPE: SWC

(Total No. of Readings=28) 0.37 0.38 0.40 0.40 0.42 0.43 0.44 0.46 0.47 0.47 0.50 0.52 0.52 0.52 0.54 0.56 0.57
 0.58 0.58 0.60 0.60 0.62 0.62 0.63 0.64 0.65 0.68 0.74

VITRINITE REFLECTANCE							MACERAL IDENTIFICATION				
POPULATION	No. of	Mean	Min	Max	STD	Comments	%	%	%	%	
Number	%	Ro (%)	Ro (%)	Ro (%)	Dev (%)		Alginite	Exinite	Vitrinite	Inertinite	
1	100.0	28	0.53	0.37	0.74	0.10	INDIGENOUS (+)	0.00	0.00	33.33	66.67



SAMPLE ID: 1892 METRES

SAMPLE TYPE: SWC

(Total No. of Readings=8) 0.49 0.51 0.54 0.56 0.57 0.58 0.64 0.70

VITRINITE REFLECTANCE							MACERAL IDENTIFICATION				
POPULATION	No. of	Mean	Min	Max	STD	Comments	%	%	%	%	
Number	%	Ro (%)	Ro (%)	Ro (%)	Dev (%)		Alginite	Exinite	Vitrinite	Inertinite	
1	100.0	8	0.57	0.49	0.70	0.07	INDIGENOUS (+)	0.00	0.00	0.00	100.00

