



**CHAMPION-1, VIC/P30
WELL COMPLETION REPORT
BASIC DATA - VOLUME ONE**

DEPT. NAT. RES & ENV



PE900615



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

CHAMPION-1, VIC/P30
WELL COMPLETION REPORT
BASIC DATA
VOLUME ONE

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71584.WCR

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Champion-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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Well Seismic Processing Report

6.3 APPENDIX 3 Geochemical Basic Data

GEOTECH JOB 2216, CHAMPION-1

KK/ref. No.	Depth(m) Type	Rvmax	Range	N	Description Including Liptinite (Exinite) Fluorescence
T1759	1428 SWC 27	0.44	0.30-0.64	15	Rare liptodetrinite orange. (Sandy siltstone. Dom sparse, sparse, I>V>L. Inertinite sparse, vitrinite and liptinite rare. Mineral fluorescence patchy, moderate orange from argillaceous, probably absent from sand sized grains. Glauconite common. Iron oxides common. Pyrite common.)
T1760	1504 SWC 24	0.53	0.29-0.68	25	Sparse liptodetrinite. (Sandy argillaceous carbonate. Dom common, I>L>V. Inertinite common, liptinite sparse, vitrinite sparse. Sparse large macrinite grains present. The liptinite is largely restricted to the argillaceous layers. Sparse inclusions of yellow oil within carbonate. Mineral fluorescence patchy, moderate orange from carbonate, weak dull orange from argillaceous layers. Carbonate appears to be sideritic. Pyrite sparse.)
T1761	1572 SWC 18	0.45	0.35-0.64	23	Sparse resinite, yellow to orange, sparse liptodetrinite yellow to orange, sparse lamalginite bright yellow to orange, rare sporinite orange. (Claystone, silty. Dom abundant, I>L>V. Inertinite abundant, liptinite sparse, vitrinite sparse. Phytoclasts are all small, and most are poorly preserved. Mineral fluorescence pervasive, moderate orange. Pyrite sparse.)
T1762	1654 SWC 11	0.53	0.38-0.67	25	Sparse sporinite, yellow to orange, sparse liptodetrinite yellow to orange, rare cutinite dull orange. (Siltstone. Dom abundant, I>V>L. Inertinite abundant, vitrinite common, liptinite sparse. Mineral fluorescence pervasive, weak dull orange. Pyrite abundant.)
T1763	1686 SWC 9	0.52	0.34-0.69	26	Sparse sporinite, yellow to orange, sparse cutinite, liptodetrinite yellow to orange. (Siltstone. Dom major, I>V>L. Inertinite and vitrinite abundant, liptinite sparse. Some large inertinite and vitrinite phytoclasts present. Within the larger vitrinite phytoclasts, it is possible to distinguish lower reflecting suberinite-like material and corpocollinite. Mineral fluorescence patchy, moderate to weak orange to dull orange. Pyrite common, probably largely marcasite.)
T1764	1712 SWC 6	0.46	0.32-0.62	12	Common lamalginite, yellow, common liptodetrinite yellow, sparse cutinite yellow. (Claystone, silty. Dom common L>I>V. Liptinite common, inertinite sparse, vitrinite rare. Possible oil drops common, yellow occurring as clusters of small droplets within claystone, but difficult to distinguish from some occurrences of liptodetrinite. Facies is probably lacustrine. Mineral fluorescence patchy moderate orange to dull orange. Pyrite sparse.)
T1765	1812 SWC 1	0.59	0.50-0.68	6	Sparse lamalginite and sparse liptodetrinite, yellowish orange. (Siltstone. Dom sparse L>I>V. Liptinite sparse, inertinite sparse and vitrinite rare. Mineral fluorescence weak dull orange to brown. Iron oxides sparse. Pyrite sparse.)

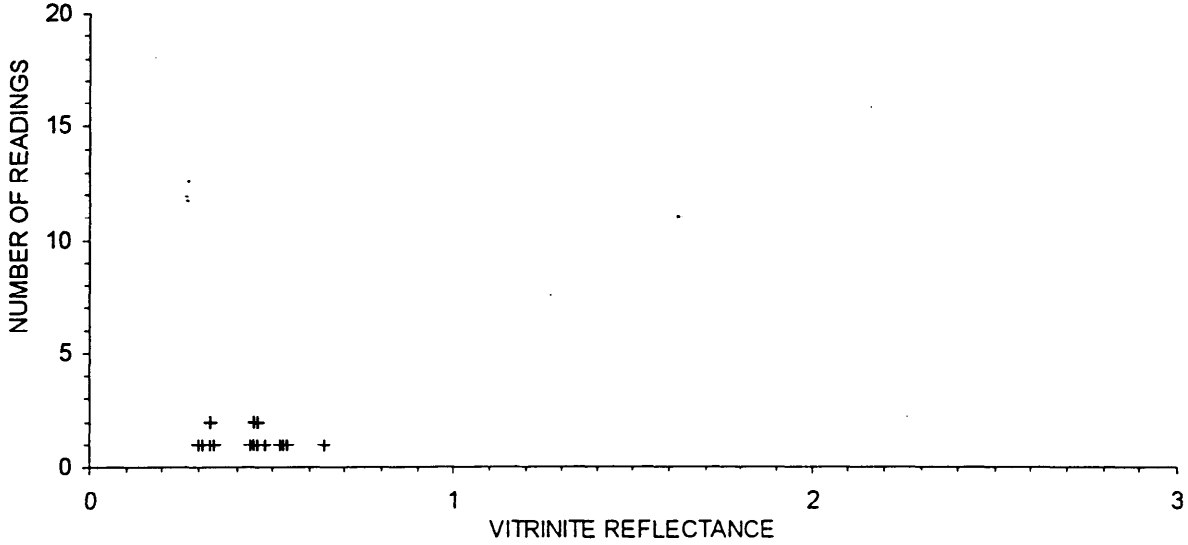
WELL: CHAMPION 1
 SAMPLE ID: 1428 METRES

CLIENT: BHP PETROLEUM
 DATE: NOVEMBER 1995

SAMPLE TYPE: SWC

(Total No. of Readings=15) 0.30 0.31 0.33 0.33 0.34 0.44 0.45 0.45 0.46 0.46 0.48 0.52 0.53 0.54 0.64

VITRINITE REFLECTANCE							MACERAL IDENTIFICATION				
POPULATION	No. of	Mean	Min	Max	STD	Comments	%	%	%	%	
Number	%	Readings	Ro (%)	Ro (%)	Ro (%)		Dev (%)	Alginite	Exinite	Vitrinite	Inertinite
1	100.0	15	0.44	0.30	0.64	0.10	INDIGENOUS (+)	0.00	0.00	0.00	100.00

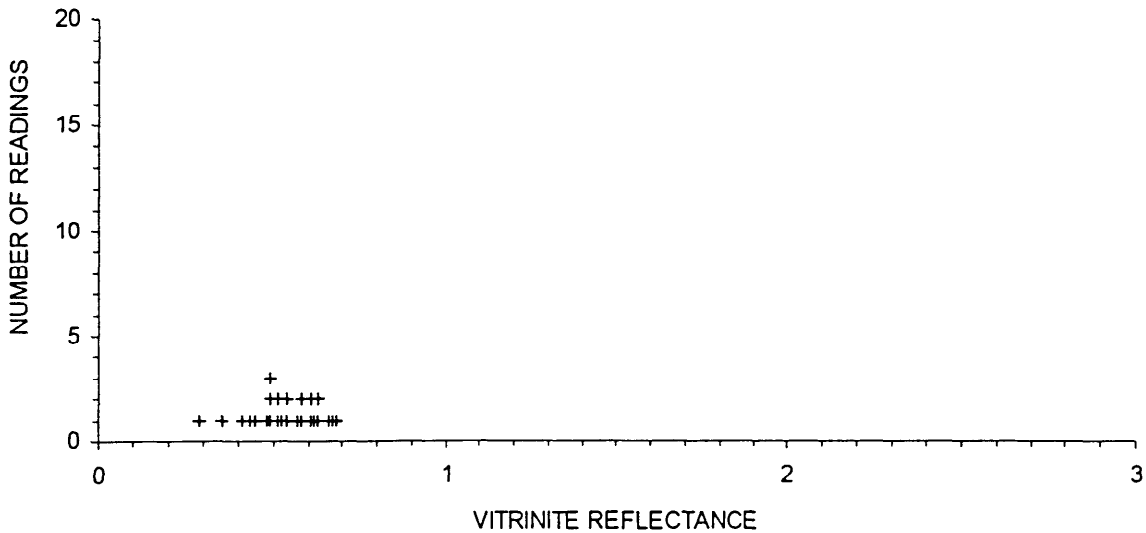


SAMPLE ID: 1504 METRES

SAMPLE TYPE: SWC

(Total No. of Readings=25) 0.29 0.35 0.41 0.43 0.45 0.48 0.49 0.49 0.49 0.51 0.51 0.52 0.54 0.54 0.57 0.58 0.58
 0.61 0.61 0.62 0.63 0.63 0.66 0.67 0.68

VITRINITE REFLECTANCE							MACERAL IDENTIFICATION				
POPULATION	No. of	Mean	Min	Max	STD	Comments	%	%	%	%	
Number	%	Readings	Ro (%)	Ro (%)	Ro (%)		Dev (%)	Alginite	Exinite	Vitrinite	Inertinite
1	100.0	25	0.53	0.29	0.68	0.10	INDIGENOUS (+)	0.00	25.00	12.50	62.50



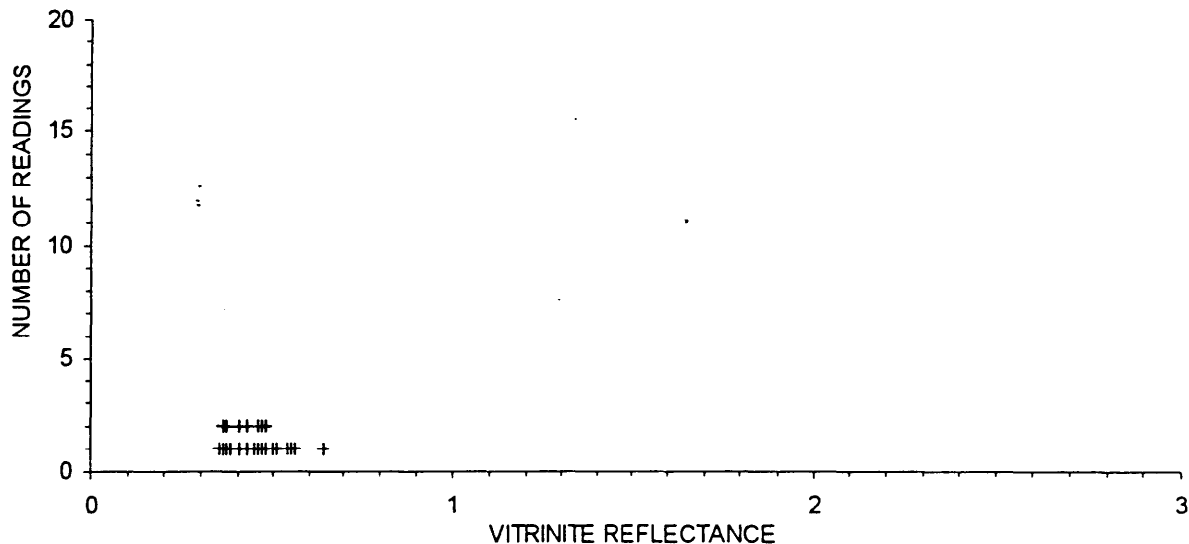
WELL: CHAMPION 1
 SAMPLE ID: 1572 METRES

CLIENT: BHP PETROLEUM
 DATE: NOVEMBER 1995

SAMPLE TYPE: SWC

(Total No. of Readings=23) 0.35 0.36 0.36 0.37 0.37 0.38 0.41 0.41 0.43 0.43 0.45 0.46 0.46 0.47 0.47 0.48 0.48
 0.50 0.51 0.54 0.55 0.56 0.64

VITRINITE REFLECTANCE							MACERAL IDENTIFICATION				
POPULATION		No. of	Mean	Min	Max	STD					
Number	%	Readings	Ro (%)	Ro (%)	Ro (%)	Dev (%)	Comments	%	%	%	%
1	100.0	23	0.45	0.35	0.64	0.07	INDIGENOUS (+)	4.17	8.33	4.17	83.33

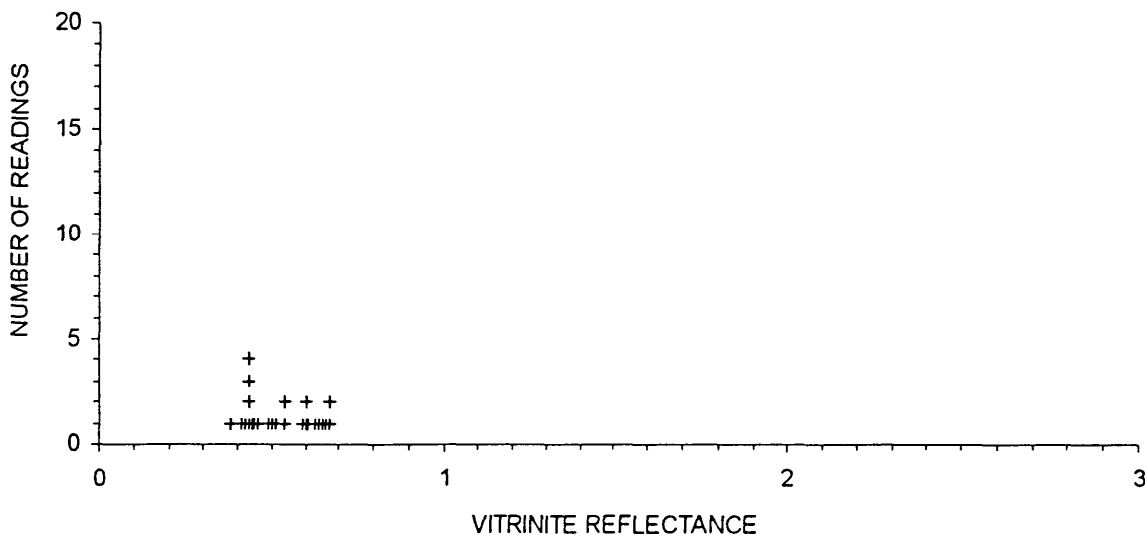


SAMPLE ID: 1654 METRES

SAMPLE TYPE: SWC

(Total No. of Readings=25) 0.38 0.41 0.42 0.43 0.43 0.43 0.43 0.44 0.45 0.46 0.49 0.50 0.51 0.54 0.54 0.59 0.60
 0.60 0.61 0.63 0.64 0.65 0.66 0.67 0.67

VITRINITE REFLECTANCE							MACERAL IDENTIFICATION				
POPULATION		No. of	Mean	Min	Max	STD					
Number	%	Readings	Ro (%)	Ro (%)	Ro (%)	Dev (%)	Comments	%	%	%	%
1	100.0	25	0.53	0.38	0.67	0.10	INDIGENOUS (+)	0.00	2.99	22.39	74.63



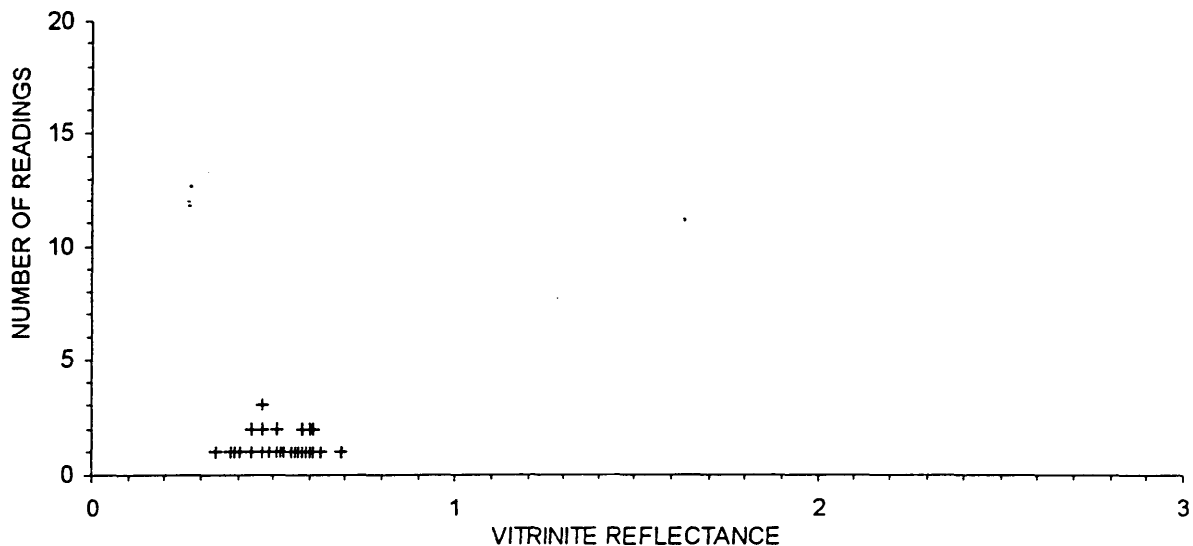
WELL: CHAMPION 1
 SAMPLE ID: 1686 METRES

CLIENT: BHP PETROLEUM
 DATE: NOVEMBER 1995

SAMPLE TYPE: SWC

(Total No. of Readings=26) 0.34 0.38 0.39 0.41 0.44 0.44 0.47 0.47 0.47 0.49 0.51 0.51 0.52 0.53 0.55 0.56 0.57
 0.58 0.58 0.59 0.60 0.60 0.61 0.61 0.63 0.69

VITRINITE REFLECTANCE							MACERAL IDENTIFICATION				
POPULATION	No. of	Mean	Min	Max	STD		%	%	%	%	
Number	%	Readings	Ro (%)	Ro (%)	Ro (%)	Dev (%)	Comments	Alginite	Exinite	Vitrinite	Inertinite
1	100.0	26	0.52	0.34	0.69	0.09	INDIGENOUS (+)	0.00	2.91	19.42	77.67

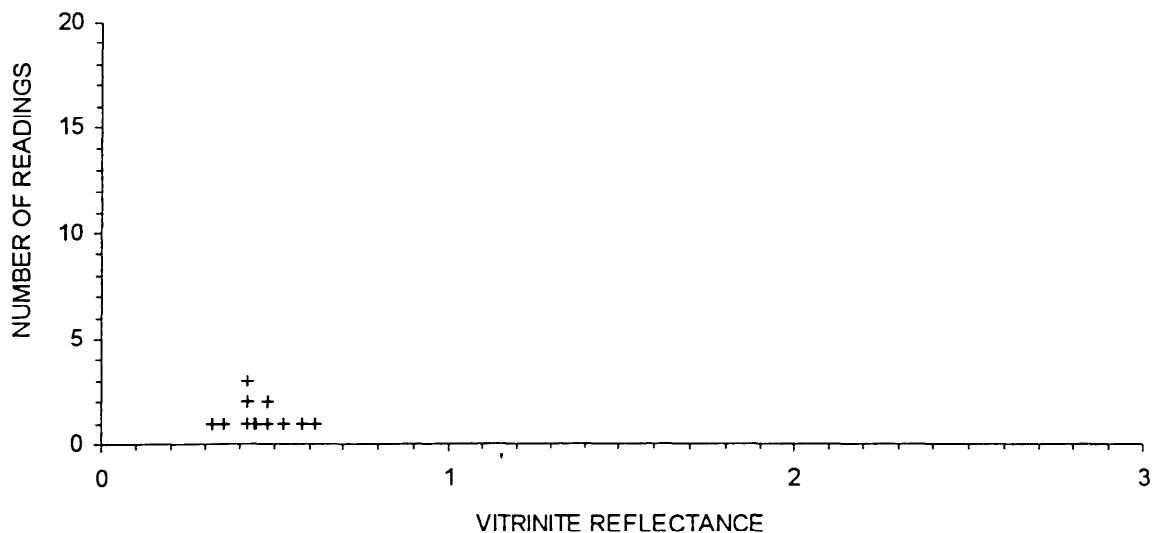


SAMPLE ID: 1712 METRES

SAMPLE TYPE: SWC

(Total No. of Readings=12) 0.32 0.35 0.42 0.42 0.42 0.44 0.45 0.48 0.48 0.53 0.58 0.62

VITRINITE REFLECTANCE							MACERAL IDENTIFICATION				
POPULATION	No. of	Mean	Min	Max	STD		%	%	%	%	
Number	%	Readings	Ro (%)	Ro (%)	Ro (%)	Dev (%)	Comments	Alginite	Exinite	Vitrinite	Inertinite
1	100.0	12	0.46	0.32	0.62	0.09	INDIGENOUS (+)	42.86	50.00	0.00	7.14



WELL: CHAMPION 1
SAMPLE ID: 1812 METRES

CLIENT: BHP PETROLEUM
DATE: NOVEMBER 1995

SAMPLE TYPE: SWC

(Total No. of Readings=6) 0.50 0.51 0.56 0.63 0.64 0.68

VITRINITE REFLECTANCE							MACERAL IDENTIFICATION				
POPULATION	No. of	Mean	Min	Max	STD		%	%	%	%	
Number	%	Readings	Ro (%)	Ro (%)	Ro (%)	Dev (%)	Comments	Alginite	Exinite	Vitrinite	Inertinite
1	100.0	6	0.59	0.50	0.68	0.07	INDIGENOUS (+)	33.33	33.33	0.00	33.33

