

# COMPOSITE WELL LOG

COMPANY ALLIANCE OIL DEVELOPMENT AUSTRALIA NO LIABILITY  
WELL NUMBER TARWIN MEADOWS No 1



PETROLEUM TENEMENT XXXXXXXXXX P.E.P. 53

STATE VICTORIA

4 - MILE SHEET *Warragul J55-10*

BASIN *Gippsland*

WELL STATUS *suspended*

LOCATION: *145° 51' 36"* E Longitude *38° 43' 26"* S Latitude

ELEVATION: Reference Pt. Ground *25'*  
K. B. *36'*

Date Spudded: *7<sup>th</sup> June, 1965*  
Date Drilling Stopped: *26<sup>th</sup> July, 1965*  
Date Rig Released: *28<sup>th</sup> July, 1965*  
Total Depth: Driller *3945* K. B.  
Logger *3945* K. B.

| Hole Size | Inches       | From       | To         |
|-----------|--------------|------------|------------|
|           | <i>7 7/8</i> | <i>0</i>   | <i>225</i> |
|           | <i>5 1/2</i> | <i>225</i> |            |

| Casing | Inches       | Wt | Gr. | Depth      | Cmt.          | Cmt'd. to |
|--------|--------------|----|-----|------------|---------------|-----------|
|        | <i>6 3/4</i> |    |     | <i>223</i> | <i>30 sx.</i> |           |

| Cement Plugs | From           | To         | Sacks     | Felt at |
|--------------|----------------|------------|-----------|---------|
| <i>1</i>     | <i>0-50</i>    | <i>50</i>  | <i>8</i>  |         |
| <i>2</i>     | <i>175-275</i> | <i>275</i> | <i>18</i> |         |

Drilled by: *W.L. SIDES AND SONS PTY. LTD.*  
Drilling Method: *ROTARY*  
Cemented by: *DRILLER*  
Logged by: *Schlumberger service*  
Lithology by: *CUNDILL MEYERS AND ASSOCIATES*  
*G. C. CAMPBELL, F. BARDA, J. MULREAY.*

*Electric Log (16, 6 1/4 inch normal, 18 1/8" lateral)*

*Microlog - Caliper*

| RUN NUMBER          | 1                                | 2 | 3 | 4 | 1                                | 2 | 3 | 1 | 2 | 3 |
|---------------------|----------------------------------|---|---|---|----------------------------------|---|---|---|---|---|
| Date                | <i>26<sup>th</sup> July 1965</i> |   |   |   | <i>26<sup>th</sup> July 1965</i> |   |   |   |   |   |
| First Reading       | <i>3945</i>                      |   |   |   | <i>3945</i>                      |   |   |   |   |   |
| Last Reading        | <i>223</i>                       |   |   |   | <i>223</i>                       |   |   |   |   |   |
| Interval Logged     | <i>3725</i>                      |   |   |   | <i>3725</i>                      |   |   |   |   |   |
| Depth Reached       | <i>3949</i>                      |   |   |   | <i>3949</i>                      |   |   |   |   |   |
| Depth Driller       | <i>3945</i>                      |   |   |   | <i>3945</i>                      |   |   |   |   |   |
| Casing Logger       | <i>223</i>                       |   |   |   | <i>223</i>                       |   |   |   |   |   |
| Casing Driller      | <i>223</i>                       |   |   |   | <i>223</i>                       |   |   |   |   |   |
| Casing Size         | <i>6 3/8 inch</i>                |   |   |   | <i>6 3/8 inch</i>                |   |   |   |   |   |
| Bit Size 1          | <i>5 7/8 TO TD</i>               |   |   |   | <i>5 7/8 TO 225</i>              |   |   |   |   |   |
| Bit Size 2          | <i>7 7/8 TO 225</i>              |   |   |   | <i>5 7/8 TO TD</i>               |   |   |   |   |   |
| Mud Type            | <i>Bentonite</i>                 |   |   |   | <i>Bentonite</i>                 |   |   |   |   |   |
| Density Viscosity   | <i>10.6 AS</i>                   |   |   |   | <i>10.6 AS</i>                   |   |   |   |   |   |
| pH Fluid Loss       | <i>9 5 cc/30min</i>              |   |   |   | <i>9 5 cc/30min</i>              |   |   |   |   |   |
| Mud Resistivity     | <i>2.45 @ 55°F</i>               |   |   |   | <i>2.45 @ 55°F</i>               |   |   |   |   |   |
| Mud Resistivity BHT | <i>1.22 @ 110°F</i>              |   |   |   | <i>1.22 @ 110°F</i>              |   |   |   |   |   |
| Rmf                 | <i>0.95 @ 110°F</i>              |   |   |   | <i>0.95 @ 110°F</i>              |   |   |   |   |   |
| Rmc                 | <i>1.5 @ 110°F</i>               |   |   |   | <i>1.5 @ 110°F</i>               |   |   |   |   |   |
| Recorded by         | <i>W. Prins</i>                  |   |   |   | <i>W. Prins</i>                  |   |   |   |   |   |
| Witness             | <i>J. Cundill</i>                |   |   |   | <i>J. Cundill</i>                |   |   |   |   |   |

OTHER SURVEYS  
*nil*

## WELL SYMBOLS

|  |                           |  |                                    |
|--|---------------------------|--|------------------------------------|
|  | Gas show slight           |  | Core interval, number and recovery |
|  | Gas show strong           |  | Formation test interval and number |
|  | Oil show slight           |  | Sidewall core                      |
|  | Oil show strong           |  | Casing shoe                        |
|  | Oil and gas show          |  | Plugged interval                   |
|  | Fluorescence              |  | Perforated interval                |
|  | Circulation loss partial  |  |                                    |
|  | Circulation loss complete |  |                                    |
|  | Gas cut mud               |  |                                    |
|  | Blowout                   |  |                                    |

## LITHOLOGIC REFERENCE

|  |                            |  |                           |  |              |
|--|----------------------------|--|---------------------------|--|--------------|
|  | No sample                  |  | Reefoid Limestone         |  | Argillaceous |
|  | Conglomerate               |  | Reefoid Dolomite          |  | Sandy        |
|  | Breccia                    |  | Evaporite                 |  | Silty        |
|  | Sandstone                  |  | Coal                      |  | Calcareous   |
|  | Siltstone                  |  | Igneous rock (granite)    |  | Dolomitic    |
|  | Shale, Claystone, Mudstone |  | Volcanic rock (basalt)    |  | Micaceous    |
|  | Limestone                  |  | Metamorphic rock (gneiss) |  | Cherty       |
|  | Dolomite                   |  |                           |  | Pyritic      |
|  |                            |  |                           |  | Glauconitic  |

## POROSITY TYPE

|  |                                 |
|--|---------------------------------|
|  | Intergranular, intercrystalline |
|  | Fracture                        |
|  | Vugular                         |
|  | Organic, bridged, intrafossil   |
|  | Earthy (capillary)              |

## FOSSILS & CARBONATE CONSTITUENTS

|  |  |  |   |
|--|--|--|---|
|  | Crinoid  |  | Plant                                       |
|  | Coral  |  | Macrofossil                                 |
|  | Stromatopora   |  | Microfossil                                 |
|  | Algae  |  | Fossiliferous (fragmental or indeterminate) |
|  | Bryozoa  |  |   |
|  | Lithic carbonate fragments (includes calcilutite, calcirudite) |  |   |
|  | Pellets, pseudo oolites  |  |   |
|  | Oolites  |  |   |
|  | Molluscs or brachiopods  |  |   |