



**Sperry Drilling Services**

**DIRECTIONAL SURVEY REPORT**

Apache Energy Ltd.  
 Dory-1  
 Exploration  
 Victoria  
 Australia  
 AU-FE-000610543

<i>Measured Depth (metres)</i>	<i>Inclination (degrees)</i>	<i>Direction (degrees)</i>	<i>Vertical Depth (metres)</i>	<i>Latitude (metres)</i>	<i>Departure (metres)</i>	<i>Vertical Section (metres)</i>	<i>Dogleg (deg/30m)</i>
538.750	0.00	0.00	538.750	0.000 N	0.000 E	0.000	TIE-IN
613.930	1.24	346.95	613.924	0.793 N	0.184 W	0.814	0.50
641.310	1.32	347.27	641.297	1.390 N	0.320 W	1.426	0.09
729.080	1.27	349.67	729.045	3.337 N	0.718 W	3.412	0.03
758.040	1.30	347.73	757.997	3.974 N	0.846 W	4.061	0.05
815.760	1.05	343.05	815.705	5.117 N	1.138 W	5.241	0.14
844.380	0.97	344.98	844.321	5.601 N	1.277 W	5.743	0.09
901.690	0.83	347.84	901.624	6.471 N	1.489 W	6.640	0.08
1016.720	0.47	350.84	1016.646	7.748 N	1.739 W	7.940	0.09
1074.580	0.45	1.50	1074.505	8.210 N	1.771 W	8.395	0.05
1132.150	0.26	336.38	1132.073	8.556 N	1.818 W	8.742	0.13
1160.990	0.25	342.45	1160.913	8.677 N	1.863 W	8.870	0.03
1189.790	0.28	339.34	1189.713	8.803 N	1.907 W	9.004	0.03
1218.510	0.36	337.60	1218.432	8.952 N	1.966 W	9.163	0.08
1247.269	0.31	352.14	1247.191	9.113 N	2.011 W	9.329	0.10
1275.840	0.35	336.74	1275.761	9.269 N	2.056 W	9.492	0.10
1333.430	0.45	337.84	1333.350	9.640 N	2.211 W	9.889	0.05
1362.390	0.36	331.14	1362.309	9.825 N	2.298 W	10.090	0.11
1391.370	0.38	337.89	1391.289	9.993 N	2.378 W	10.272	0.05
1478.770	0.44	339.78	1478.686	10.573 N	2.602 W	10.889	0.02
1507.710	0.41	345.24	1507.626	10.779 N	2.667 W	10.779	0.05
1519.070	0.33	354.14	1518.985	10.851 N	2.680 W	10.851	0.26

**CALCULATION BASED ON MINIMUM CURVATURE METHOD**

**SURVEY COORDINATES RELATIVE TO WELL SYSTEM REFERENCE POINT  
 TVD VALUES GIVEN RELATIVE TO DRILLING MEASUREMENT POINT**

**VERTICAL SECTION RELATIVE TO WELL HEAD  
 VERTICAL SECTION IS COMPUTED ALONG A CLOSURE OF 346.12 DEGREES (GRID)  
 A TOTAL CORRECTION OF 14.35 DEG FROM MAGNETIC NORTH TO GRID NORTH HAS BEEN APPLIED**

**HORIZONTAL DISPLACEMENT IS RELATIVE TO THE WELL HEAD.  
 HORIZONTAL DISPLACEMENT(CLOSURE) AT 1519.070 METRES  
 IS 11.177 METRES ALONG 346.12 DEGREES (GRID)**