



## DIRECTIONAL SURVEY REPORT

Apache Energy Ltd  
 Fur Seal-1  
 Exploration  
 Victoria  
 Australia  
 AU-FE-0003890148  
 Final Survey projected to TD

<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>
0.000	0.00	0.00	0.000	0.000 N	0.000 E	0.000	TIE-IN
147.580	0.20	177.10	147.580	0.260 S	0.013 E	-0.260	0.04
202.770	0.44	176.34	202.769	0.569 S	0.032 E	-0.569	0.13
230.700	0.60	175.42	230.698	0.821 S	0.050 E	-0.821	0.17
259.170	0.44	182.26	259.166	1.079 S	0.058 E	-1.079	0.17
316.460	0.19	202.22	316.456	1.388 S	0.014 E	-1.388	0.14
431.050	0.42	169.27	431.044	1.977 S	0.022 E	-1.977	0.08
574.280	0.77	174.99	574.266	3.457 S	0.205 E	-3.457	0.07
631.930	0.59	187.00	631.912	4.138 S	0.203 E	-4.138	0.12
747.010	1.16	234.79	746.979	5.397 S	0.820 W	-5.397	0.23
804.240	1.36	261.58	804.196	5.830 S	1.963 W	-5.830	0.32
825.959	1.41	257.87	825.909	5.923 S	2.479 W	-5.923	0.14
854.170	1.08	262.66	854.113	6.030 S	3.082 W	-6.030	0.37
882.940	1.07	265.44	882.878	6.086 S	3.620 W	-6.086	0.05
911.810	1.19	271.36	911.742	6.101 S	4.190 W	-6.101	0.17
940.400	1.16	271.02	940.326	6.089 S	4.776 W	-6.089	0.04
969.000	1.14	275.16	968.920	6.058 S	5.349 W	-6.058	0.09
997.650	1.07	274.19	997.565	6.013 S	5.899 W	-6.013	0.09
1026.350	1.05	269.72	1026.260	5.994 S	6.428 W	-5.994	0.09
1054.970	0.93	273.03	1054.876	5.983 S	6.921 W	-5.983	0.14
1083.560	0.88	279.71	1083.462	5.934 S	7.369 W	-5.934	0.12
1112.050	0.86	280.50	1111.949	5.858 S	7.796 W	-5.858	0.02
1140.780	0.80	280.28	1140.676	5.783 S	8.206 W	-5.783	0.06
1169.420	0.69	281.95	1169.314	5.711 S	8.573 W	-5.711	0.12
1198.140	0.81	286.36	1198.031	5.619 S	8.935 W	-5.619	0.14
1255.860	1.01	305.38	1255.744	5.211 S	9.738 W	-5.211	0.19
1284.620	0.87	311.34	1284.500	4.922 S	10.106 W	-4.922	0.18
1313.270	0.86	333.94	1313.147	4.585 S	10.363 W	-4.585	0.35
1341.990	0.67	334.23	1341.865	4.241 S	10.531 W	-4.241	0.21
1370.650	0.68	330.15	1370.523	3.943 S	10.688 W	-3.943	0.05
1427.720	0.77	326.65	1427.588	3.329 S	11.067 W	-3.329	0.05
1456.160	0.82	328.79	1456.025	2.995 S	11.278 W	-2.995	0.07
1484.950	0.85	336.79	1484.812	2.623 S	11.469 W	-2.623	0.12
1513.890	0.88	324.92	1513.749	2.244 S	11.681 W	-2.244	0.19
1542.830	0.86	327.87	1542.686	1.878 S	11.925 W	-1.878	0.05
1571.590	0.87	324.35	1571.442	1.517 S	12.167 W	-1.517	0.06
1599.700	0.77	338.40	1599.549	1.167 S	12.362 W	-1.167	0.24
1657.300	0.97	353.39	1657.143	0.323 S	12.561 W	-0.323	0.15
1686.010	0.88	355.80	1685.849	0.137 N	12.605 W	0.137	0.10
1715.080	0.89	6.11	1714.916	0.585 N	12.597 W	0.585	0.16
1743.680	0.78	6.96	1743.513	0.999 N	12.550 W	0.999	0.12
1772.080	0.50	6.19	1771.911	1.315 N	12.513 W	1.315	0.29
1800.650	0.48	16.78	1800.480	1.554 N	12.465 W	1.554	0.10
1829.260	0.58	38.40	1829.089	1.781 N	12.341 W	1.781	0.23
1858.090	0.50	34.50	1857.917	1.999 N	12.179 W	1.999	0.09
1887.200	0.56	59.17	1887.026	2.177 N	11.985 W	2.177	0.24
1916.070	0.69	58.49	1915.894	2.340 N	11.717 W	2.340	0.14
1944.740	0.66	50.11	1944.562	2.535 N	11.443 W	2.535	0.11
1973.020	0.75	60.07	1972.840	2.732 N	11.159 W	2.732	0.16
2001.540	0.62	65.93	2001.358	2.888 N	10.855 W	2.888	0.15

**Fur Seal-1**

<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>
2030.200	0.47	54.96	2030.017	3.019 N	10.616 W	3.019	0.19
2058.700	0.51	43.07	2058.516	3.178 N	10.434 W	3.178	0.11
2087.390	0.51	81.71	2087.205	3.289 N	10.222 W	3.289	0.35
2116.440	0.55	117.19	2116.254	3.244 N	9.971 W	3.244	0.34
2144.780	0.56	102.11	2144.592	3.153 N	9.714 W	3.153	0.16

**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 DIRECTION OF 0.00 DEGREES (GRID)  
A TOTAL CORRECTION OF 13.79 DEG FROM MAGNETIC NORTH TO GRID NORTH HAS BEEN APPLIED**

**HORIZONTAL DISPLACEMENT IS RELATIVE TO THE WELL HEAD.  
HORIZONTAL DISPLACEMENT(CLOSURE) AT 2144.780 METRES  
IS 10.213 METRES ALONG 287.98 DEGREES (GRID)**