



DIRECTIONAL SURVEY REPORT

Origin Energy Resources Ltd

Trefoll-2

Trefoll

Tasmania

Australia

AU-FE-000671414

UTM Zone 55S, GDA 1994

RT-MSL = 26.0m

Measured Depth (metres)	Inclination (degrees)	Direction (degrees)	Vertical Depth (metres)	Latitude (metres)	Departure (metres)	Vertical Section (metres)	Dogleg (deg/30m)
0.000	0.00	0.00	0.000	0.000 N	0.000 E	0.000	TIE-IN
95.000	0.00	0.00	95.000	0.000 N	0.000 E	0.000	0.00
204.920	0.58	282.17	204.918	0.117 N	0.544 W	-0.037	0.16
289.500	0.55	277.88	289.494	0.263 N	1.363 W	-0.062	0.02
376.490	0.32	238.01	376.482	0.191 N	1.982 W	0.100	0.13
435.080	0.35	232.40	435.071	0.006 S	2.265 W	0.335	0.02
521.950	0.72	199.02	521.937	0.684 S	2.654 W	1.062	0.16
547.830	0.73	193.58	547.815	0.996 S	2.745 W	1.385	0.08
579.000	0.69	195.91	578.982	1.367 S	2.842 W	1.766	0.05
665.440	0.36	203.20	665.419	2.115 S	3.091 W	2.542	0.12
782.280	0.67	192.10	782.254	3.126 S	3.381 W	3.584	0.08
812.120	0.66	196.82	812.092	3.462 S	3.467 W	3.930	0.06
868.190	0.30	224.95	868.160	3.877 S	3.666 W	4.369	0.22
896.770	1.03	195.99	896.738	4.177 S	3.790 W	4.684	0.81
925.970	0.71	183.94	925.934	4.608 S	3.874 W	5.123	0.38
952.440	0.80	188.49	952.402	4.953 S	3.913 W	5.470	0.13
981.350	0.74	192.99	981.309	5.336 S	3.985 W	5.859	0.09
1010.200	0.83	198.72	1010.157	5.716 S	4.094 W	6.250	0.12
1067.210	0.87	190.96	1067.160	6.533 S	4.309 W	7.090	0.06
1095.870	0.84	194.49	1095.817	6.950 S	4.403 W	7.517	0.07
1153.510	1.11	191.81	1153.449	7.905 S	4.623 W	8.493	0.14
1182.360	1.27	187.06	1182.293	8.496 S	4.719 W	9.092	0.20
1211.300	0.97	182.63	1211.227	9.059 S	4.770 W	9.656	0.33
1240.320	1.00	184.76	1240.243	9.555 S	4.802 W	10.152	0.05
1269.440	0.96	179.68	1269.359	10.052 S	4.822 W	10.646	0.10
1298.710	1.13	178.12	1298.624	10.585 S	4.811 W	11.172	0.17
1327.950	1.27	184.82	1327.857	11.194 S	4.829 W	11.778	0.20
1357.120	1.31	184.97	1357.020	11.849 S	4.885 W	12.433	0.04
1385.950	1.43	187.08	1385.842	12.534 S	4.958 W	13.122	0.13
1414.800	1.33	186.15	1414.684	13.223 S	5.038 W	13.815	0.11
1443.260	1.42	189.23	1443.135	13.898 S	5.129 W	14.496	0.12
1471.760	1.41	188.55	1471.627	14.593 S	5.238 W	15.200	0.02
1500.560	1.44	186.77	1500.418	15.304 S	5.334 W	15.917	0.06
1529.740	1.02	177.87	1529.591	15.928 S	5.367 W	16.540	0.48
1559.000	1.11	183.32	1558.846	16.472 S	5.374 W	17.079	0.14
1588.150	1.05	181.86	1587.991	17.022 S	5.399 W	17.626	0.07
1617.270	1.14	175.03	1617.105	17.577 S	5.383 W	18.173	0.16
1646.320	1.17	184.16	1646.149	18.160 S	5.379 W	18.749	0.19
1675.150	1.31	182.99	1674.973	18.781 S	5.418 W	19.370	0.15
1703.610	1.02	183.90	1703.427	19.359 S	5.452 W	19.946	0.30
1731.980	1.12	176.27	1731.792	19.888 S	5.451 W	20.469	0.18
1760.710	1.20	179.48	1760.516	20.468 S	5.430 W	21.040	0.11
1790.080	1.13	181.99	1789.880	21.064 S	5.437 W	21.631	0.09
1819.450	1.17	182.73	1819.244	21.652 S	5.462 W	22.216	0.05
1848.520	1.17	190.32	1848.308	22.242 S	5.529 W	22.809	0.16

Trefoil-2

<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>
1877.800	1.13	190.92	1877.582	22.820 S	5.638 W	23.398	0.04
1906.650	1.23	192.98	1906.426	23.403 S	5.761 W	23.992	0.12
1934.670	1.08	194.42	1934.440	23.953 S	5.895 W	24.555	0.17
1963.220	0.48	64.50	1962.988	24.161 S	5.853 W	24.755	1.51
1992.330	0.56	59.70	1992.097	24.036 S	5.620 W	24.598	0.09
2021.460	0.59	61.98	2021.226	23.895 S	5.366 W	24.421	0.04
2050.740	0.64	78.76	2050.504	23.793 S	5.074 W	24.278	0.19
2080.190	0.61	81.26	2079.953	23.737 S	4.760 W	24.177	0.04
2102.200	0.68	80.27	2101.961	23.697 S	4.515 W	24.102	0.10
2138.040	0.69	75.36	2137.799	23.607 S	4.096 W	23.952	0.05
2195.190	0.63	82.85	2194.945	23.481 S	3.452 W	23.733	0.06

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 188.36 DEGREES (GRID)
 A TOTAL CORRECTION OF 11.45 DEG FROM MAGNETIC NORTH TO GRID NORTH HAS BEEN APPLIED

HORIZONTAL DISPLACEMENT IS RELATIVE TO THE WELL HEAD.
 HORIZONTAL DISPLACEMENT(CLOSURE) AT 2195.190 METRES
 IS 23.733 METRES ALONG 188.36 DEGREES (GRID)