DIRECTIONAL SURVEY REPORT

Origin Energy Resources Ltd
Trefoil-2
Trefoil
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	-0.325	0.16
289.500	0.55	277.88	289.494	0.263 N	1.363 W	-0.787	0.02
376.490	0.32	238.01	376.482	0.191 N	1.982 W	-0.969	0.13
435.080	0.35	232.40	435.071	0.006 S	2.265 W	-0.901	0.02
521.950	0.72	199.02	521.937	0.684 S	2.654 W	-0.436	0.16
547.830	0.73	193.58	547.815	0.996 S	2.745 W	-0.186	0.08
579.000	0.69	195.91	578.982	1.367 S	2.842 W	0.115	0.05
665.440	0.36	203.20	665.419	2.115 S	3.091 W	0.700	0.12
782.280	0.67	192.10	782.254	3.126 S	3.381 W	1.511	0.08
812.120	0.66	196.82	812.092	3.462 S	3.467 W	1.785	0.06
868.190	0.30	224.95	868.160	3.877 S	3.666 W	2.085	0.22
896.770	1.03	195.99	896.738	4.177 S	3.790 W	2.310	0.81
925.970	0.71	183.94	925.934	4.608 S	3.874 W	2.672	0.38
952.440	0.80	188.49	952.402	4.953 S	3.913 W	2.973	0.13
981.350	0.74	192.99	981.309	5.336 S	3.985 W	3.294	0.09
1010.200	0.83	198.72	1010.157	5.716 S	4.094 W	3.599	0.12
1067.210	0.87	190.96	1067.160	6.533 S	4.309 W	4.261	0.06
1095.870	0.84	194.49	1095.817	6.950 S	4.403 W	4.606	0.07
1153.510	1.11	191.81	1153.449	7.905 S	4.623 W	5.393	0.14
1182.360	1.27	187.06	1182.293	8.496 S	4.719 W	5.896	0.20
1211.300	0.97	182.63	1211.227	9.059 S	4.770 W	6.392	0.33
1240.320	1.00	184.76	1240.243	9.555 S	4.802 W	6.833	0.05
1269.440	0.96	179.68	1269.359	10.052 S	4.822 W	7.281	0.10
1298.710	1.13	178.12	1298.624	10.585 S	4.811 W	7.773	0.17
1327.950	1.27	184.82	1327.857	11.194 S	4.829 W	8.325	0.20
1357.120	1.31	184.97	1357.020	11.849 S	4.885 W	8.902	0.04
1385.950	1.43	187.08	1385.842	12.534 S	4.958 W	9.501	0.13
1414.800	1.33	186.15	1414.684	13.223 S	5.038 W	10.101	0.11
1443.260	1.42	189.23	1443.135	13.898 S	5.129 W	10.682	0.12
1471.760	1.41	188.55	1471.627	14.593 S	5.238 W	11.276	0.02
1500.560	1.44	186.77	1500.418	15.304 S	5.334 W	11.889	0.06
1529.740	1.02	177.87	1529.591	15.928 S	5.367 W	12.447	0.48
1559.000	1.11	183.32	1558.846	16.472 S	5.374 W	12.943	0.14
1588.150	1.05	181.86	1587.991	17.022 S	5.399 W	13.437	0.07
1617.270	1.14	175.03	1617.105	17.577 S	5.383 W	13.952	0.16
1646.320	1.17	184.16	1646.149	18.160 S	5.379 W	14.487	0.19
1675.150	1.31	182.99	1674.973	18.781 S	5.418 W	15.042	0.15
1703.610	1.02	183.90	1703.427	19.359 S	5.452 W	15.558	0.30
1731.980	1.12	176.27	1731.792	19.888 S	5.451 W	16.042	0.18
1760.710	1.20	179.48	1760.516	20.468 S	5.430 W	16.583	0.11
1790.080	1.13	181.99	1789.880	21.064 S	5.437 W	17.126	0.09
1819.450	1.17	182.73	1819.244	21.652 S	5.462 W	17.655	0.05
1848.520	1.17	190.32	1848.308	22.242 S	5.529 W	18.168	0.16

HALLIBURTON®

Trefoil-2

Measured Depth (metres)	Inclination (degrees)	Direction (degrees)	Vertical Depth (metres)	Latitude (metres)	Departure (metres)	Vertical Section (metres)	Dogleg (deg/30m)
1877.800	1.13	190.92	1877.582	22.820 S	5.638 W	18.655	0.04
1906.650	1.23	192.98	1906.426	23.403 S	5.761 W	19.139	0.12
1934.670	1.08	194.42	1934.440	23.953 S	5.895 W	19.589	0.17
1963.220	0.48	64.50	1962.988	24.161 S	5.853 W	19.797	1.51
1992.330	0.56	59.70	1992.097	24.036 S	5.620 W	19.776	0.09
2021.460	0.59	61.98	2021.226	23.895 S	5.366 W	19.748	0.04
2050.740	0.64	78.76	2050.504	23.793 S	5.074 W	19.772	0.19
2080.190	0.61	81.26	2079.953	23.737 S	4.760 W	19.847	0.04
2102.200	0.68	80.27	2101.961	23.697 S	4.515 W	19.908	0.10
2138.040	0.69	75.36	2137.799	23.607 S	4.096 W	19.993	0.05
2195.190	0.63	82.85	2194.945	23.481 S	3.452 W	20.135	0.06
2253.190	0.62	89.29	2252.941	23.437 S	2.823 W	20.347	0.04
2281.350	0.84	88.95	2281.099	23.432 S	2.465 W	20.485	0.24
2310.290	0.91	90.74	2310.036	23.431 S	2.023 W	20.661	0.08
2339.670	0.80	84.68	2339.412	23.415 S	1.585 W	20.822	0.15
2398.220	0.81	98.78	2397.957	23.440 S	0.768 W	21.172	0.10
2426.570	1.08	93.16	2426.303	23.485 S	0.303 W	21.400	0.30
2454.950	0.96	91.77	2454.678	23.508 S	0.201 E	21.622	0.13
2484.550	1.06	89.94	2484.274	23.515 S	0.723 E	21.838	0.11
2524.750	1.00	97.22	2524.467	23.558 S	1.443 E	22.166	0.11
2557.550	1.13	91.00	2557.262	23.600 S	2.051 E	22.447	0.16
2588.200	1.30	90.35	2587.905	23.607 S	2.702 E	22.715	0.16
2646.630	1.43	86.39	2646.318	23.566 S	4.091 E	23.233	0.08
2674.000	1.51	91.33	2673.679	23.552 S	4.792 E	23.501	0.16
2702.980	1.62	88.34	2702.649	23.549 S	5.581 E	23.814	0.14
2732.910	1.69	88.47	2732.566	23.525 S	6.445 E	24.138	0.08
2762.560	1.85	89.89	2762.202	23.513 S	7.363 E	24.494	0.17
2791.490	1.82	85.29	2791.117	23.474 S	8.287 E	24.829	0.16
2819.890	1.94	85.21	2819.502	23.397 S	9.214 E	25.129	0.13
2847.720	2.06	83.71	2847.315	23.303 S	10.181 E	25.430	0.15

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 156.40 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 2847.720 METRES
IS 25.430 METRES ALONG 156.40 DEGREES (GRID)