



DIRECTIONAL SURVEY REPORT

Origin energy Resources LTD

Trefoll-2

Trefoll

Victoria

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	0.042	0.16
289.500	0.55	277.88	289.494	0.263 N	1.363 W	0.135	0.02
376.490	0.32	238.01	376.482	0.191 N	1.982 W	0.380	0.13
435.080	0.35	232.40	435.071	0.006 S	2.265 W	0.649	0.02
521.950	0.72	199.02	521.937	0.684 S	2.654 W	1.409	0.16
547.830	0.73	193.58	547.815	0.996 S	2.745 W	1.734	0.08
579.000	0.69	195.91	578.982	1.367 S	2.842 W	2.118	0.05
665.440	0.36	203.20	665.419	2.115 S	3.091 W	2.906	0.12
782.280	0.67	192.10	782.254	3.126 S	3.381 W	3.957	0.08
812.120	0.66	196.82	812.092	3.462 S	3.467 W	4.304	0.06
868.190	0.30	224.95	868.160	3.877 S	3.666 W	4.759	0.22
896.770	1.03	195.99	896.738	4.177 S	3.790 W	5.082	0.81
925.970	0.71	183.94	925.934	4.608 S	3.874 W	5.519	0.38
952.440	0.80	188.49	952.402	4.953 S	3.913 W	5.861	0.13
981.350	0.74	192.99	981.309	5.336 S	3.985 W	6.248	0.09
1010.200	0.83	198.72	1010.157	5.716 S	4.094 W	6.643	0.12
1067.210	0.87	190.96	1067.160	6.533 S	4.309 W	7.487	0.06
1095.870	0.84	194.49	1095.817	6.950 S	4.403 W	7.915	0.07
1153.510	1.11	191.81	1153.449	7.905 S	4.623 W	8.893	0.14
1182.360	1.27	187.06	1182.293	8.496 S	4.719 W	9.487	0.20
1211.300	0.97	182.63	1211.227	9.059 S	4.770 W	10.040	0.33
1240.320	1.00	184.76	1240.243	9.555 S	4.802 W	10.525	0.05
1269.440	0.96	179.68	1269.359	10.052 S	4.822 W	11.007	0.10
1298.710	1.13	178.12	1298.624	10.585 S	4.811 W	11.515	0.17
1327.950	1.27	184.82	1327.857	11.194 S	4.829 W	12.105	0.20
1357.120	1.31	184.97	1357.020	11.849 S	4.885 W	12.748	0.04
1385.950	1.43	187.08	1385.842	12.534 S	4.958 W	13.426	0.13
1414.800	1.33	186.15	1414.684	13.223 S	5.038 W	14.110	0.11
1443.260	1.42	189.23	1443.135	13.898 S	5.129 W	14.783	0.12
1471.760	1.41	188.55	1471.627	14.593 S	5.238 W	15.480	0.02
1500.560	1.44	186.77	1500.418	15.304 S	5.334 W	16.188	0.06
1529.740	1.02	177.87	1529.591	15.928 S	5.367 W	16.797	0.48
1559.000	1.11	183.32	1558.846	16.472 S	5.374 W	17.320	0.14
1588.150	1.05	181.86	1587.991	17.022 S	5.399 W	17.854	0.07
1617.270	1.14	175.03	1617.105	17.577 S	5.383 W	18.382	0.16
1646.320	1.17	184.16	1646.149	18.160 S	5.379 W	18.940	0.19

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 196.50 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 1646.320 METRES

IS 18.940 METRES ALONG 196.50 DEGREES (GRID)

