



Gyro Survey Report

Client: Origin Energy Ltd

Well: Kainama 2

Field: Kainama

Latitude: 27° 4' 20.107" S

Longitude: 150° 40' 32.498" E

Survey Date: 11-Jul-23

Survey Engineer: M. Auld

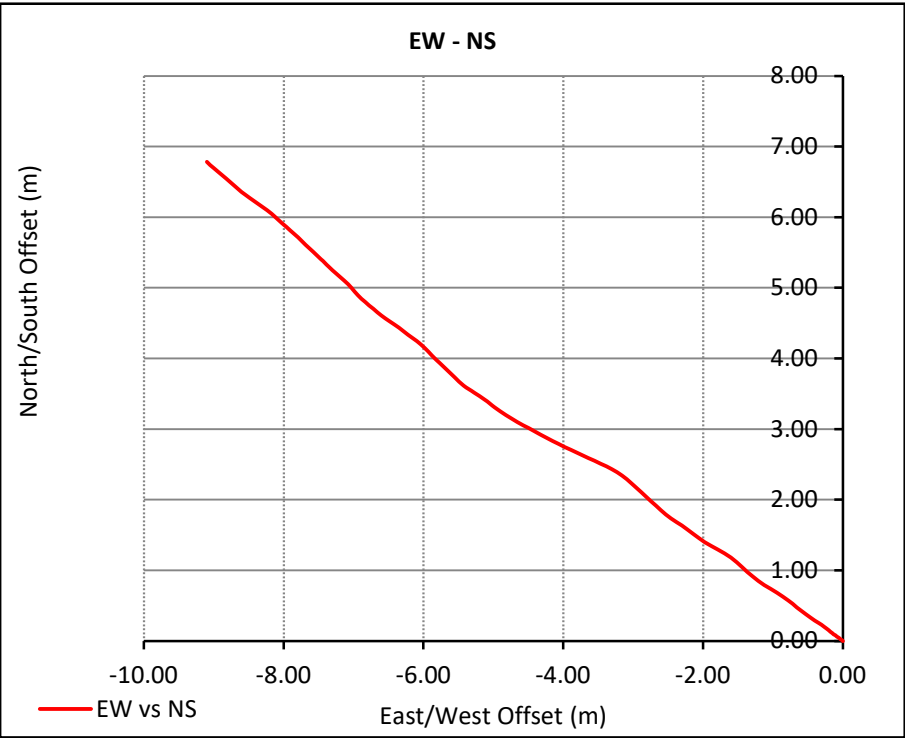
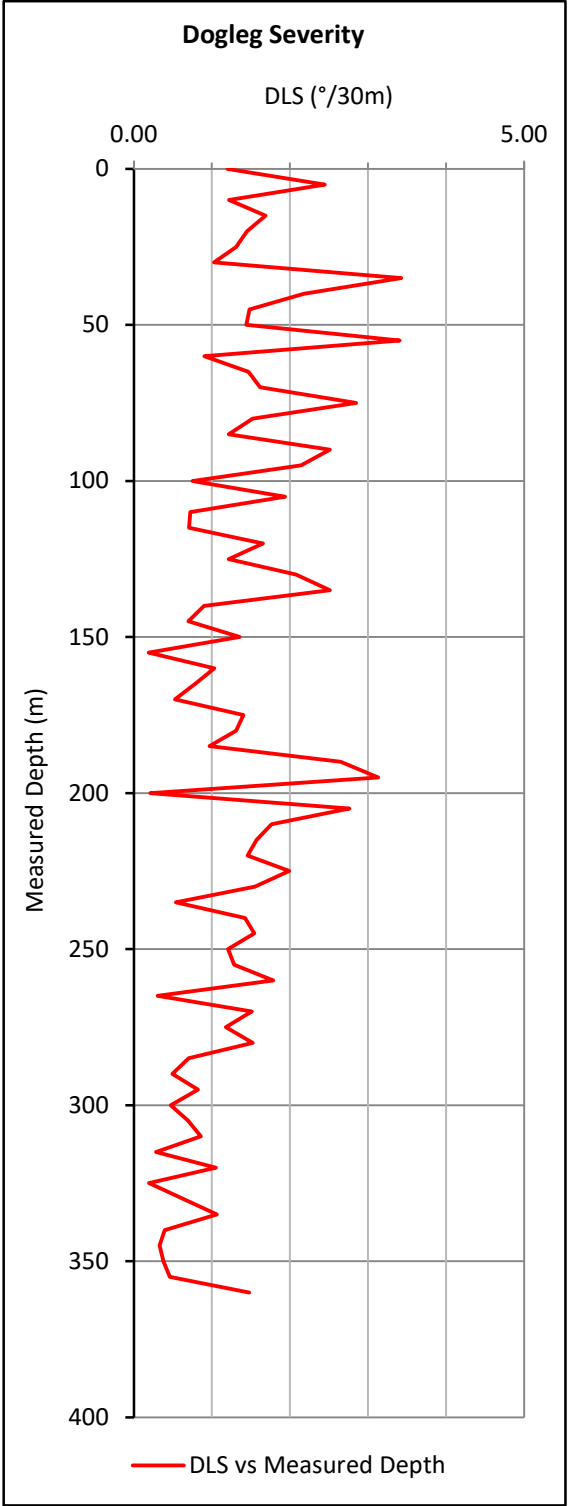
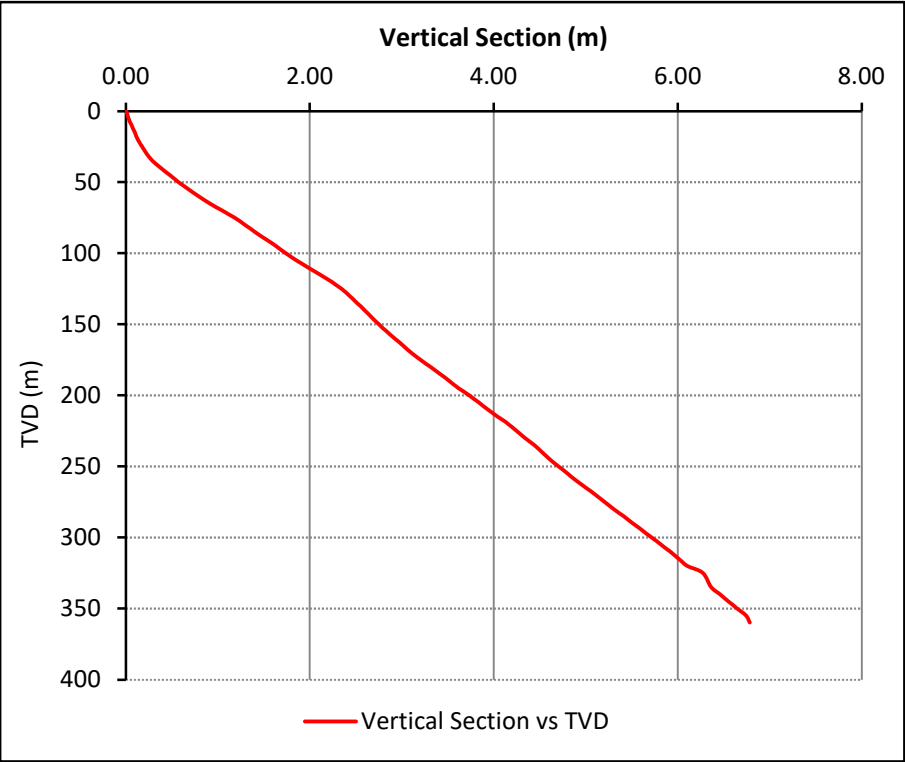
HURACAN

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Vertical Section / Dogleg Severity



Well Information					
Client Origin Energy Ltd		Well Name Kainama 2		Field Kainama	
Country Australia		State Queensland		Local Coordinates Referenced To Well Head	
Survey Information					
Reference Datum Ground Level	Ground Level 334.84 m	Depth Reference KB	Elevation 0.16 m	Survey From 0 m MD	Survey To 362 m MD
Survey Date 11-Jul-23	Survey Reference True North	Latitude 27° 4' 20.107" S	Longitude 150° 40' 32.498" E	Datum GDA94/MGA94	Zone 56
Grid Convergence N/A	Survey Tie-In Depth N/A	Map Northing N 7,003,428.3 m	Map Easting E 269,504.5 m	Survey Computation Min Curvature	Conveyance Wireline
Comments					



Survey Data



Well Information							
Client Origin Energy Ltd		Well Name Kainama 2		Field Kainama		Country Australia	
State Queensland		Local Coordinates Referenced To Well Head		Latitude 27° 4' 20.107" S		Longitude 150° 40' 32.498" E	
Map Northing N 7,003,428.3 m		Map Easting E 269,504.5 m		Datum GDA94/MGA94		Zone 56	
Survey Information							
Ref Datum Ground Level		Ground Level 334.84 m		Depth Reference KB		Depth Above Reference 0.16 m	
Survey Date 11-Jul-23		Survey Instrument NS Gyro		Survey From 0 m MD		Survey To 362 m MD	
Survey Reference True North		Survey / DLS Computation Min Curvature		Grid Convergence N/A		Survey Tie-In Depth N/A	
Company Rep R. Davies/ R.Greenhalgh		Survey Engineer M. Auld		Conveyance Company MPK		Conveyance Wireline	Tools SN 1613
Comments							
Measured Depth [m]	Inclination [deg]	Azimuth [deg]	True Vertical Depth [m]	Vertical Section	Northing (Latitude) [m]	Easting (Departure) [m]	Dogleg Severity [°/30m]
0.0	0.00	0.00	0.00		0.00	0.00	
5.0	0.20	316.75	5.00	0.01	0.01	-0.01	1.20
10.0	0.60	303.58	10.00	0.03	0.03	-0.03	2.45
15.0	0.80	306.71	15.00	0.06	0.06	-0.08	1.22
20.0	0.52	304.25	20.00	0.10	0.10	-0.13	1.69
25.0	0.76	306.91	25.00	0.13	0.13	-0.18	1.45
30.0	0.97	310.96	30.00	0.18	0.18	-0.23	1.31
35.0	1.04	302.03	35.00	0.23	0.23	-0.30	1.03
40.0	1.61	303.19	40.00	0.29	0.29	-0.40	3.42
45.0	1.96	306.31	44.99	0.38	0.38	-0.53	2.18
50.0	1.72	308.15	49.99	0.48	0.48	-0.66	1.48
55.0	1.96	308.20	54.99	0.58	0.58	-0.78	1.44
60.0	2.43	299.85	59.98	0.68	0.68	-0.94	3.40
65.0	2.44	303.38	64.98	0.79	0.79	-1.12	0.90
70.0	2.30	308.25	69.98	0.91	0.91	-1.29	1.47
75.0	2.31	314.96	74.97	1.05	1.05	-1.44	1.62
80.0	2.50	304.57	79.97	1.18	1.18	-1.60	2.85
85.0	2.56	298.97	84.96	1.30	1.30	-1.79	1.52
90.0	2.36	299.78	89.96	1.40	1.40	-1.98	1.22
95.0	2.34	309.99	94.95	1.52	1.52	-2.14	2.51
100.0	2.18	301.88	99.95	1.63	1.63	-2.30	2.14
105.0	2.12	304.81	104.95	1.74	1.74	-2.46	0.75
110.0	2.16	313.40	109.94	1.85	1.85	-2.60	1.94
115.0	2.19	310.32	114.94	1.98	1.98	-2.75	0.73
120.0	2.23	313.19	119.94	2.11	2.11	-2.89	0.71
125.0	1.96	311.66	124.93	2.23	2.23	-3.02	1.65
130.0	2.04	306.32	129.93	2.34	2.34	-3.16	1.22
135.0	1.88	297.32	134.93	2.43	2.43	-3.30	2.08
140.0	2.29	294.95	139.92	2.51	2.51	-3.47	2.51
145.0	2.14	294.95	144.92	2.59	2.59	-3.64	0.90
150.0	2.03	293.89	149.92	2.67	2.67	-3.81	0.70
155.0	2.24	296.16	154.91	2.75	2.75	-3.98	1.36

160.0	2.25	295.40	159.91	2.83	2.83	-4.15	0.19
165.0	2.21	299.69	164.91	2.92	2.92	-4.33	1.03
170.0	2.13	296.92	169.90	3.01	3.01	-4.49	0.79
175.0	2.13	299.29	174.90	3.10	3.10	-4.66	0.53
180.0	2.31	303.15	179.89	3.20	3.20	-4.82	1.40
185.0	2.11	305.42	184.89	3.31	3.31	-4.98	1.31
190.0	2.02	309.14	189.89	3.42	3.42	-5.12	0.97
195.0	2.16	297.61	194.88	3.52	3.52	-5.28	2.65
200.0	1.96	311.07	199.88	3.62	3.62	-5.42	3.13
205.0	1.95	312.06	204.88	3.73	3.73	-5.55	0.21
210.0	1.51	316.55	209.88	3.84	3.84	-5.66	2.76
215.0	1.74	310.06	214.87	3.93	3.93	-5.76	1.77
220.0	1.89	316.87	219.87	4.04	4.04	-5.88	1.57
225.0	1.65	315.69	224.87	4.15	4.15	-5.99	1.46
230.0	1.68	304.29	229.87	4.25	4.25	-6.10	1.99
235.0	1.92	307.38	234.86	4.34	4.34	-6.22	1.55
240.0	1.83	307.52	239.86	4.44	4.44	-6.35	0.54
245.0	1.74	300.46	244.86	4.52	4.52	-6.48	1.42
250.0	1.63	308.40	249.86	4.61	4.61	-6.60	1.55
255.0	1.82	310.63	254.85	4.70	4.70	-6.72	1.21
260.0	1.62	308.07	259.85	4.80	4.80	-6.83	1.29
265.0	1.59	318.66	264.85	4.89	4.89	-6.94	1.79
270.0	1.64	318.34	269.85	5.00	5.00	-7.03	0.30
275.0	1.79	311.59	274.85	5.10	5.10	-7.14	1.51
280.0	1.60	309.91	279.84	5.20	5.20	-7.25	1.18
285.0	1.81	314.73	284.84	5.30	5.30	-7.36	1.52
290.0	1.70	313.42	289.84	5.41	5.41	-7.47	0.70
295.0	1.74	311.02	294.84	5.51	5.51	-7.58	0.49
300.0	1.70	315.39	299.83	5.61	5.61	-7.69	0.82
305.0	1.70	312.72	304.83	5.71	5.71	-7.79	0.48
310.0	1.79	310.33	309.83	5.82	5.82	-7.91	0.69
315.0	1.66	312.33	314.83	5.92	5.92	-8.02	0.86
320.0	1.62	311.43	319.83	6.01	6.01	-8.13	0.29
325.0	1.70	306.05	324.82	6.10	6.10	-8.24	1.05
335.0	1.72	303.96	334.82	6.27	6.27	-8.49	0.20
340.0	1.69	309.84	339.82	6.36	6.36	-8.60	1.06
345.0	1.63	310.79	344.82	6.46	6.46	-8.71	0.40
350.0	1.68	310.00	349.81	6.55	6.55	-8.82	0.33
355.0	1.74	309.29	354.81	6.64	6.64	-8.94	0.38
360.0	1.72	311.75	359.81	6.74	6.74	-9.05	0.46
362.0	1.79	314.02	361.81	6.78	6.78	-9.10	1.48