Gyro Survey Report

Client: Origin Energy

Well: Condabri 262

Field: Condabri

Latitude: 026° 48' 10.86" S.

Longitude: 150° 11' 16.00 E.

Survey Date: 12-Jun-13

Survey Engineer: J. Hollingworth

Report Date: 12/06/2013

Event Summary Report

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Well Information

Client	Well Name	Field	Country
Origin Energy	Condabri 262	Condabri	Australia
State	**Survey Tool**	**Latitude**	**Longitude**
Queensland	North Seeking Gyro	026° 48' 10.86" S.	150° 11' 16.00 E.
Map Northing	**Map Easting**	**Datum**	**Zone**
7 032 287 N	220 437 E	GDA94	56

Survey Information

Ref Datum	Ground Level	Depth Reference	Depth Above Reference	
Ground Level	302.0 m	OKB	3.80 m	
Survey Date	**Survey Reference**	**Survey From**	**Survey To**	
12-Jun-13	True North	0m	900 m MD	
Comp Rep	**Survey Engineer**	**Wireline Company**	**Conveyance**	**Tools SN**
S. Kettle	J. Hollingworth	Vause Wireline	Wireline	119

Comments

Profile computed using minimum curvature.

Date	Time	Comments
12-Jun-13	7:30	Depart Roma for Condabri 262.
	10:10	Arrive Condabri 262.
	14:45	Safety meeting and nipple up flange.
	15:45	Start to warm up Gyro and RIH.
	17:00	Tagged HUD @901m, perform last survey @900m and POOH.
	17:15	OOH, start to rig down wireline.
	18:00	Depart location for Roma.
	20:00	Arrive Roma.

Vertical Section / NS - EW Plot / Deviation Plot

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Well Information

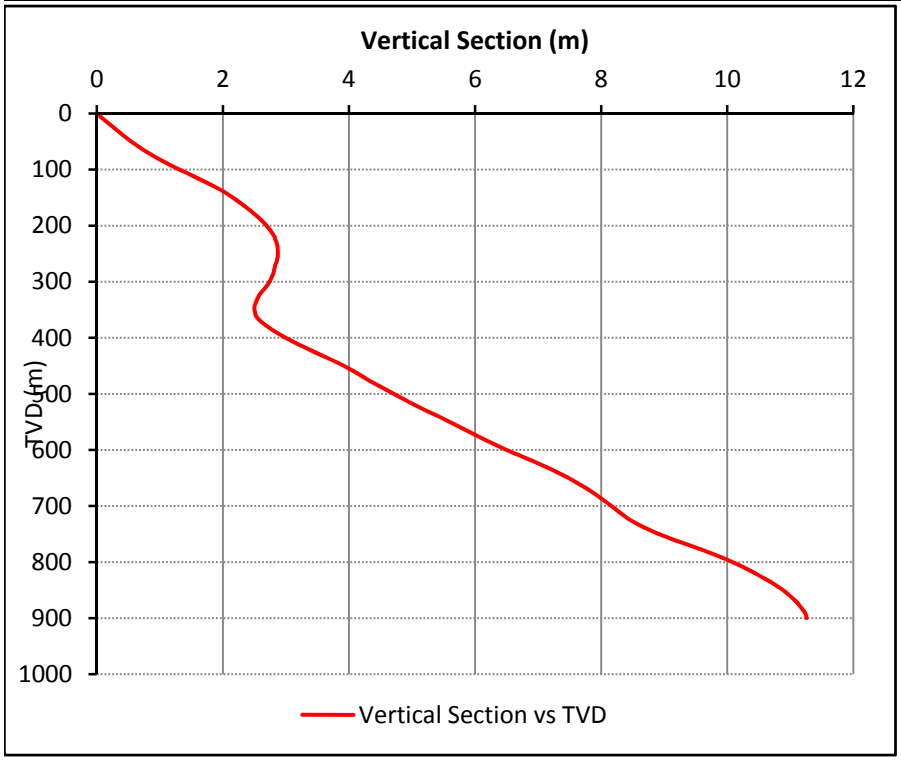
Client	Well Name	Field
Origin Energy	Condabri 262	Condabri
Country	**State**	**Survey Tool**
Australia	Queensland	North Seeking Gyro

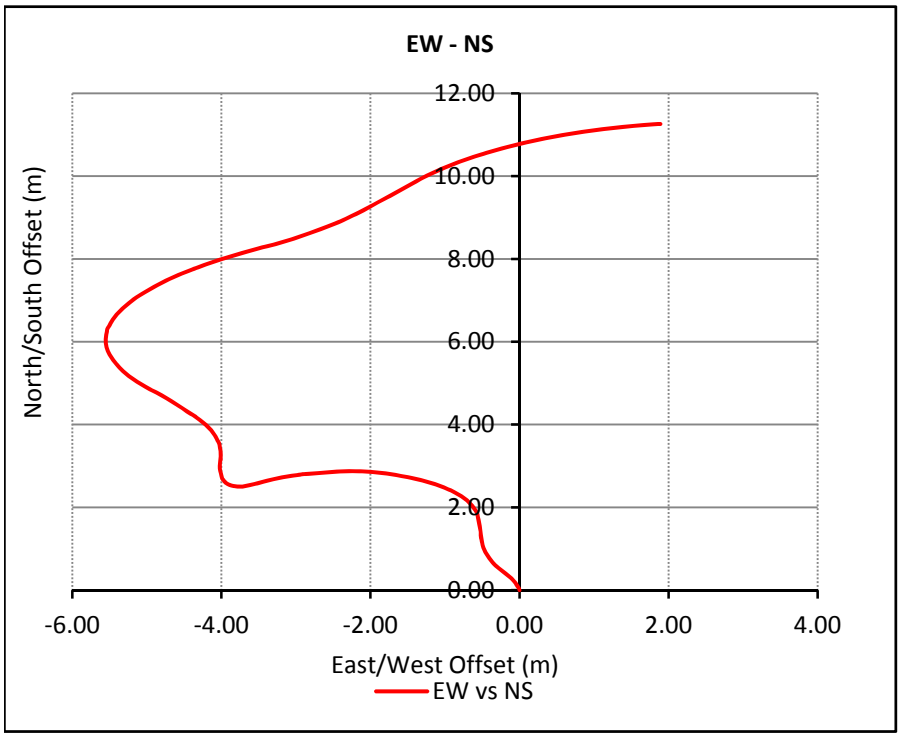
Survey Information

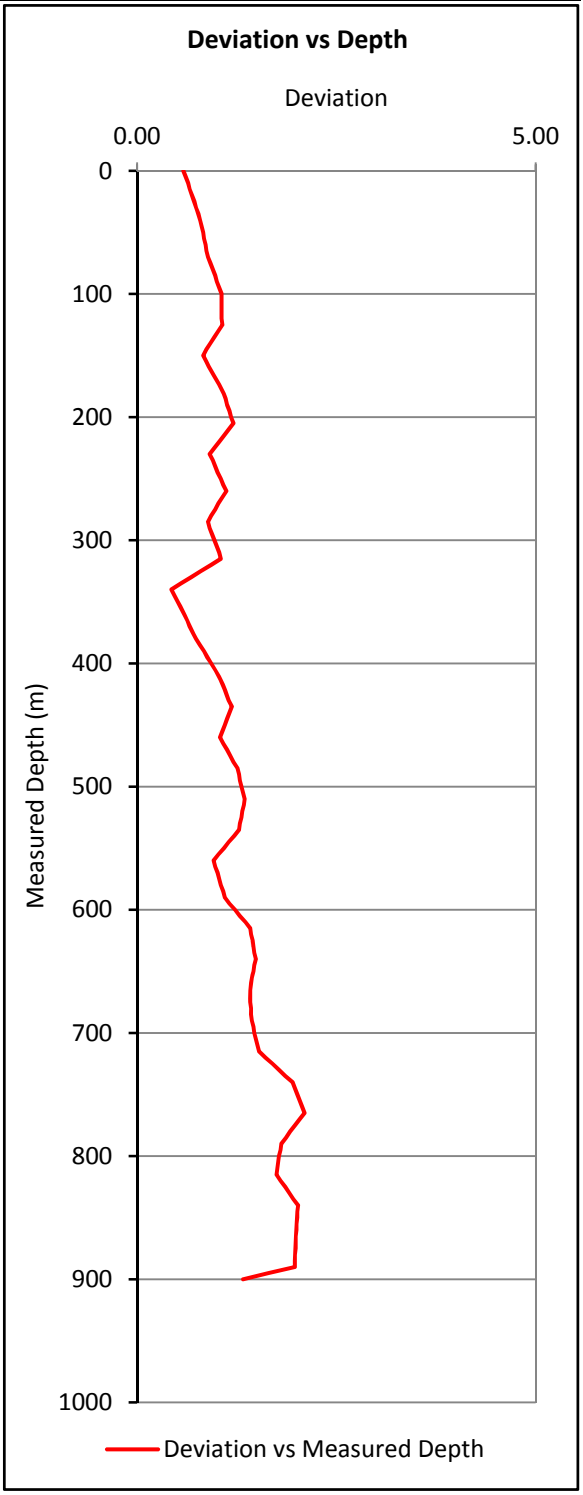
Reference Datum	Ground Level	Depth Reference	Elevation	Survey From	Survey To
Ground Level	302.0 m	OKB	3.80 m	0 m MD	900 m MD
Survey Date	**Survey Reference**	**Latitude**	**Longitude**	**Datum**	**Zone**
12-Jun-13	True North	026° 48' 10.86" S.	150° 11' 16.00 E.	GDA94	56
Map Northing	**Map Easting**	**Conveyance Type**	**Wireline Company**	**Survey Engineer**	**Tool Serial Number**
7 032 287 N	220 437 E	Wireline	Vause Wireline	J. Hollingworth	119

Comments

Profile computed using minimum curvature.







Three Dimensional Well Profile / Dogleg Severity

HURACAN

Well Information

Client	Well Name	Field
Origin Energy	Condabri 262	Condabri
Country	**State**	**Survey Tool**
Australia	Queensland	North Seeking Gyro

Survey Information

Reference Datum	Ground Level	Depth Reference	Elevation	Survey From	Survey To
Ground Level	302.0 m	OKB	3.80 m	0 m MD	900 m MD
Survey Date	**Survey Reference**	**Latitude**	**Longitude**	**Datum**	**Zone**
12-Jun-13	True North	026° 48' 10.86" S.	150° 11' 16.00 E.	GDA94	56
Map Northing	**Map Easting**	**Conveyance Type**	**Wireline Company**	**Survey Engineer**	**Tool Serial Number**
7 032 287 N	220 437 E	Wireline	Vause Wireline	J. Hollingworth	119

Comments

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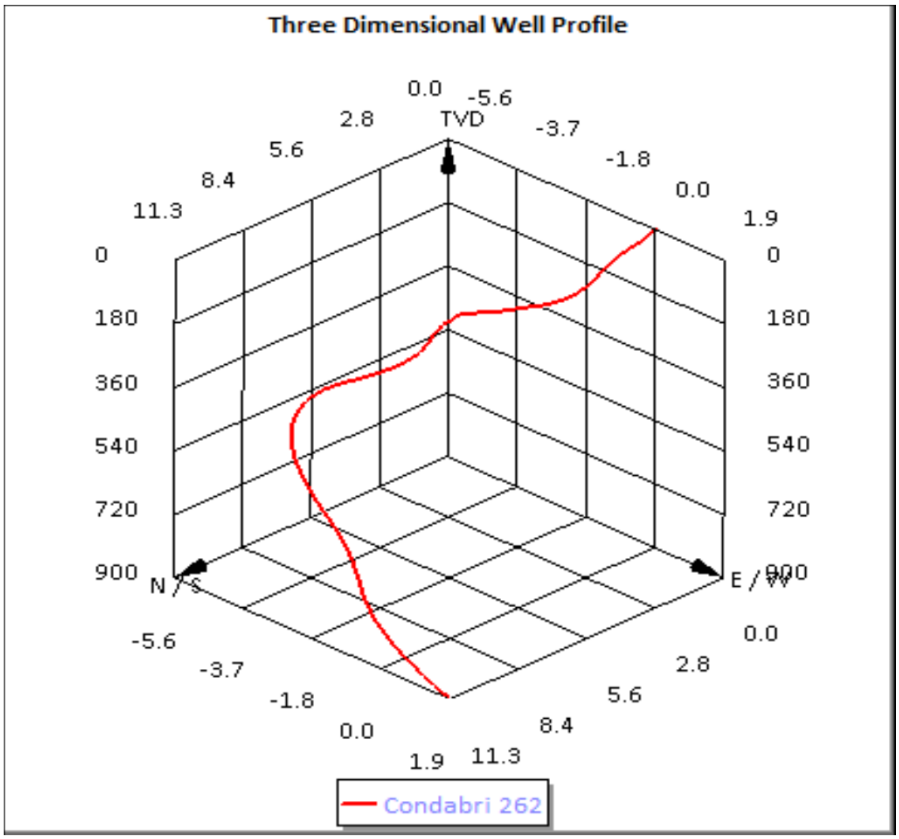

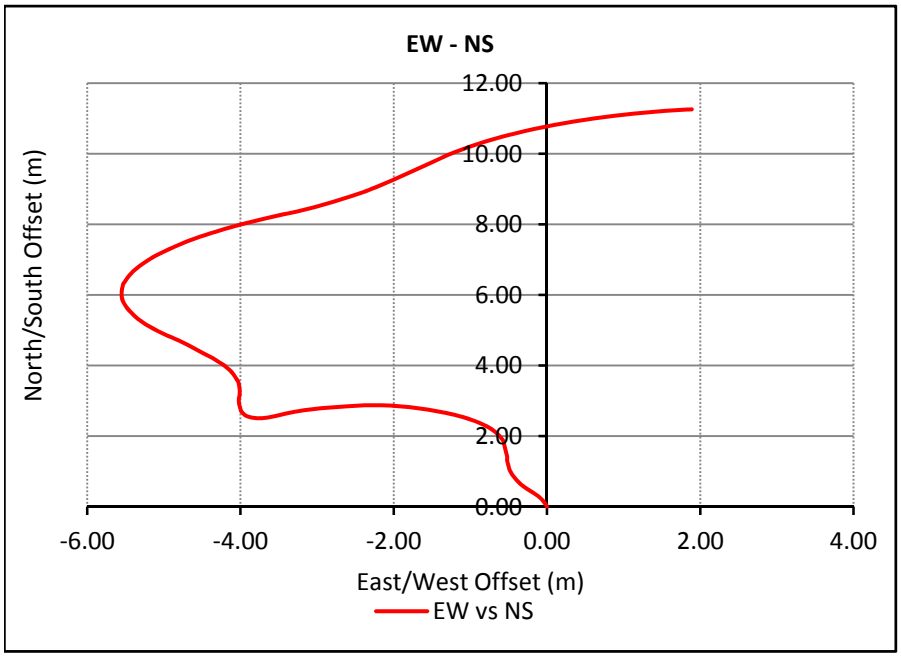

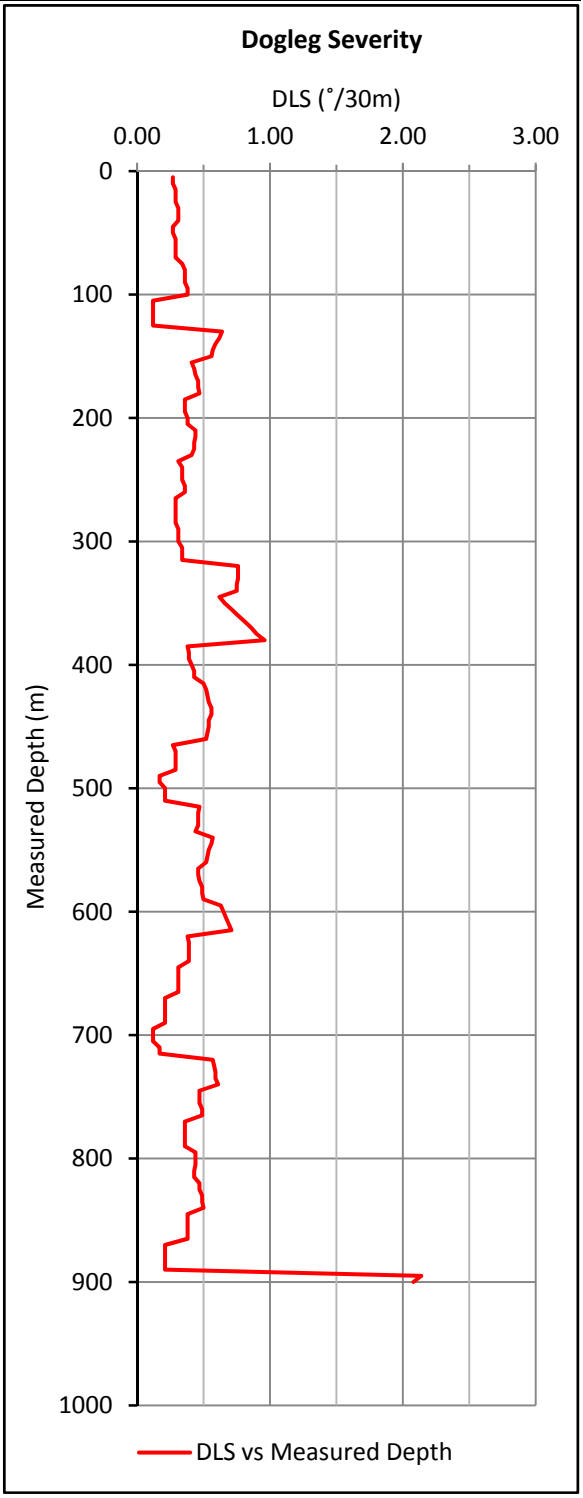

Survey Data / 5 m Intervals

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Origin Energy Rep	**Survey Engineer**	**Wireline Company**	**Conveyance**	**Tools SN**
S. Kettle	J. Hollingworth	Vause Wireline	Wireline	119

Comments

Profile computed using minimum curvature.

Measured Depth [m]	Inclination [deg]	Azimuth [deg]	True Vertical Depth [m]	Vertical Section [m]	Northing (Latitude) [m]	Easting (Departure) [m]	Dog Leg Severity [deg/30m]
0.0	0.58	348.73	0.00		0.00	0.00	
5.0	0.61	345.31	5.00	0.05	0.05	-0.01	0.27
10.0	0.64	341.89	10.00	0.10	0.10	-0.03	0.27
15.0	0.66	338.47	15.00	0.16	0.16	-0.05	0.29
20.0	0.69	335.05	20.00	0.21	0.21	-0.07	0.29
25.0	0.72	331.63	25.00	0.27	0.27	-0.10	0.29
30.0	0.74	328.21	30.00	0.32	0.32	-0.13	0.31
35.0	0.77	324.79	35.00	0.38	0.38	-0.17	0.31
40.0	0.79	321.37	40.00	0.43	0.43	-0.21	0.31
45.0	0.81	324.38	45.00	0.49	0.49	-0.25	0.27
50.0	0.83	327.39	50.00	0.55	0.55	-0.29	0.27
55.0	0.84	330.40	55.00	0.61	0.61	-0.33	0.29
60.0	0.86	333.41	59.99	0.67	0.67	-0.36	0.29
65.0	0.87	336.42	64.99	0.74	0.74	-0.39	0.29
70.0	0.89	339.43	69.99	0.81	0.81	-0.42	0.29
75.0	0.92	342.53	74.99	0.89	0.89	-0.45	0.34
80.0	0.95	345.64	79.99	0.97	0.97	-0.47	0.36
85.0	0.98	348.74	84.99	1.05	1.05	-0.49	0.36
90.0	1.00	351.85	89.99	1.13	1.13	-0.50	0.36
95.0	1.03	354.95	94.99	1.22	1.22	-0.51	0.38
100.0	1.06	358.06	99.99	1.31	1.31	-0.52	0.38
105.0	1.06	356.91	104.99	1.41	1.41	-0.52	0.12
110.0	1.06	355.77	109.99	1.50	1.50	-0.53	0.12
115.0	1.06	354.62	114.99	1.59	1.59	-0.54	0.12
120.0	1.06	353.48	119.99	1.68	1.68	-0.55	0.12
125.0	1.07	352.33	124.99	1.77	1.77	-0.56	0.12
130.0	1.02	347.05	129.98	1.86	1.86	-0.57	0.64
135.0	0.97	341.77	134.98	1.95	1.95	-0.60	0.62
140.0	0.92	336.48	139.98	2.02	2.02	-0.63	0.59
145.0	0.87	331.20	144.98	2.09	2.09	-0.66	0.57
150.0	0.83	325.92	149.98	2.16	2.16	-0.70	0.56
155.0	0.87	322.25	154.98	2.22	2.22	-0.74	0.41
160.0	0.91	318.59	159.98	2.28	2.28	-0.79	0.43
165.0	0.95	314.92	164.98	2.34	2.34	-0.85	0.44
170.0	1.00	311.26	169.98	2.40	2.40	-0.91	0.46
175.0	1.04	307.60	174.98	2.45	2.45	-0.98	0.46

180.0	1.08	303.93	179.98	2.51	2.51	-1.05	0.47
185.0	1.11	301.16	184.98	2.56	2.56	-1.14	0.36
190.0	1.13	298.39	189.98	2.61	2.61	-1.22	0.36
195.0	1.16	295.61	194.97	2.65	2.65	-1.31	0.36
200.0	1.18	292.84	199.97	2.69	2.69	-1.40	0.38
205.0	1.21	290.07	204.97	2.73	2.73	-1.50	0.38
210.0	1.15	287.83	209.97	2.76	2.76	-1.60	0.44
215.0	1.09	285.59	214.97	2.79	2.79	-1.69	0.44
220.0	1.03	283.35	219.97	2.82	2.82	-1.78	0.43
225.0	0.97	281.10	224.97	2.83	2.83	-1.86	0.43
230.0	0.91	278.86	229.97	2.85	2.85	-1.95	0.41
235.0	0.95	276.33	234.97	2.86	2.86	-2.03	0.31
240.0	0.98	273.80	239.97	2.87	2.87	-2.11	0.34
245.0	1.01	271.26	244.97	2.87	2.87	-2.20	0.34
250.0	1.05	268.73	249.97	2.87	2.87	-2.29	0.34
255.0	1.08	266.20	254.96	2.87	2.87	-2.38	0.36
260.0	1.12	263.66	259.96	2.86	2.86	-2.47	0.36
265.0	1.07	263.00	264.96	2.85	2.85	-2.57	0.29
270.0	1.02	262.35	269.96	2.83	2.83	-2.66	0.29
275.0	0.98	261.69	274.96	2.82	2.82	-2.75	0.29
280.0	0.93	261.03	279.96	2.81	2.81	-2.83	0.29
285.0	0.89	260.37	284.96	2.80	2.80	-2.91	0.29
290.0	0.91	257.65	289.96	2.78	2.78	-2.98	0.31
295.0	0.94	254.94	294.96	2.76	2.76	-3.06	0.31
300.0	0.97	252.22	299.96	2.74	2.74	-3.14	0.31
305.0	1.00	249.50	304.96	2.71	2.71	-3.22	0.34
310.0	1.03	246.78	309.96	2.68	2.68	-3.31	0.34
315.0	1.05	244.06	314.96	2.64	2.64	-3.39	0.34
320.0	0.93	245.03	319.95	2.60	2.60	-3.47	0.76
325.0	0.80	246.00	324.95	2.57	2.57	-3.54	0.76
330.0	0.68	246.98	329.95	2.55	2.55	-3.59	0.76
335.0	0.55	247.95	334.95	2.53	2.53	-3.64	0.75
340.0	0.43	248.92	339.95	2.51	2.51	-3.68	0.75
345.0	0.47	261.15	344.95	2.50	2.50	-3.72	0.62
350.0	0.51	273.39	349.95	2.50	2.50	-3.76	0.66
355.0	0.55	285.63	354.95	2.51	2.51	-3.81	0.71
360.0	0.59	297.86	359.95	2.52	2.52	-3.85	0.76
365.0	0.63	310.10	364.95	2.55	2.55	-3.90	0.81
370.0	0.66	322.34	369.95	2.59	2.59	-3.94	0.86
375.0	0.70	334.57	374.95	2.65	2.65	-3.97	0.90
380.0	0.74	346.81	379.95	2.70	2.70	-3.99	0.96
385.0	0.79	350.01	384.95	2.77	2.77	-4.00	0.38
390.0	0.84	353.21	389.95	2.84	2.84	-4.01	0.39
395.0	0.88	356.42	394.95	2.92	2.92	-4.02	0.39
400.0	0.93	359.62	399.95	2.99	2.99	-4.02	0.41
405.0	0.98	2.82	404.95	3.08	3.08	-4.02	0.43
410.0	1.02	6.02	409.95	3.16	3.16	-4.01	0.43
415.0	1.06	1.75	414.95	3.26	3.26	-4.01	0.50
420.0	1.09	357.47	419.95	3.35	3.35	-4.01	0.52
425.0	1.12	353.20	424.94	3.44	3.44	-4.02	0.53
430.0	1.15	348.93	429.94	3.54	3.54	-4.03	0.54
435.0	1.19	344.66	434.94	3.64	3.64	-4.06	0.56
440.0	1.16	340.30	439.94	3.74	3.74	-4.09	0.56
445.0	1.13	335.95	444.94	3.83	3.83	-4.12	0.54

450.0	1.10	331.59	449.94	3.92	3.92	-4.17	0.54
455.0	1.07	327.24	454.94	4.00	4.00	-4.21	0.53
460.0	1.04	322.88	459.94	4.08	4.08	-4.27	0.52
465.0	1.08	322.07	464.94	4.15	4.15	-4.32	0.27
470.0	1.13	321.27	469.94	4.23	4.23	-4.38	0.29
475.0	1.17	320.46	474.94	4.30	4.30	-4.45	0.29
480.0	1.21	319.65	479.93	4.38	4.38	-4.51	0.29
485.0	1.26	318.84	484.93	4.46	4.46	-4.58	0.29
490.0	1.28	317.73	489.93	4.55	4.55	-4.66	0.17
495.0	1.29	316.61	494.93	4.63	4.63	-4.73	0.17
500.0	1.31	315.50	499.93	4.71	4.71	-4.81	0.21
505.0	1.33	314.38	504.93	4.79	4.79	-4.89	0.21
510.0	1.35	313.27	509.93	4.87	4.87	-4.98	0.21
515.0	1.34	316.56	514.93	4.96	4.96	-5.06	0.47
520.0	1.32	319.86	519.92	5.04	5.04	-5.14	0.46
525.0	1.31	323.16	524.92	5.13	5.13	-5.21	0.46
530.0	1.29	326.45	529.92	5.23	5.23	-5.28	0.46
535.0	1.28	329.75	534.92	5.32	5.32	-5.34	0.44
540.0	1.22	333.05	539.92	5.42	5.42	-5.39	0.57
545.0	1.15	336.35	544.92	5.51	5.51	-5.43	0.56
550.0	1.09	339.65	549.92	5.60	5.60	-5.47	0.54
555.0	1.02	342.95	554.92	5.69	5.69	-5.50	0.53
560.0	0.96	346.25	559.92	5.77	5.77	-5.52	0.52
565.0	0.98	350.49	564.91	5.85	5.85	-5.54	0.46
570.0	1.01	354.74	569.91	5.94	5.94	-5.55	0.46
575.0	1.03	358.98	574.91	6.03	6.03	-5.55	0.47
580.0	1.05	3.23	579.91	6.12	6.12	-5.55	0.49
585.0	1.08	7.47	584.91	6.21	6.21	-5.54	0.49
590.0	1.10	11.72	589.91	6.31	6.31	-5.53	0.50
595.0	1.16	15.85	594.91	6.40	6.40	-5.50	0.63
600.0	1.23	19.98	599.91	6.50	6.50	-5.47	0.65
605.0	1.29	24.12	604.91	6.60	6.60	-5.43	0.67
610.0	1.36	28.25	609.91	6.71	6.71	-5.38	0.69
615.0	1.42	32.39	614.90	6.81	6.81	-5.32	0.71
620.0	1.43	34.90	619.90	6.92	6.92	-5.25	0.38
625.0	1.45	37.41	624.90	7.02	7.02	-5.18	0.39
630.0	1.46	39.92	629.90	7.12	7.12	-5.10	0.39
635.0	1.47	42.43	634.90	7.21	7.21	-5.01	0.39
640.0	1.49	44.94	639.90	7.31	7.31	-4.92	0.39
645.0	1.47	46.93	644.89	7.40	7.40	-4.83	0.31
650.0	1.46	48.92	649.89	7.48	7.48	-4.74	0.31
655.0	1.44	50.91	654.89	7.56	7.56	-4.64	0.31
660.0	1.43	52.90	659.89	7.64	7.64	-4.54	0.31
665.0	1.42	54.89	664.89	7.71	7.71	-4.44	0.31
670.0	1.42	56.23	669.89	7.78	7.78	-4.34	0.21
675.0	1.42	57.57	674.89	7.85	7.85	-4.23	0.21
680.0	1.43	58.91	679.88	7.92	7.92	-4.13	0.21
685.0	1.43	60.25	684.88	7.98	7.98	-4.02	0.21
690.0	1.44	61.59	689.88	8.04	8.04	-3.91	0.21
695.0	1.46	62.17	694.88	8.10	8.10	-3.80	0.12
700.0	1.47	62.76	699.88	8.16	8.16	-3.69	0.12
705.0	1.49	63.35	704.88	8.22	8.22	-3.57	0.12
710.0	1.51	63.94	709.87	8.28	8.28	-3.45	0.17
715.0	1.53	64.53	714.87	8.33	8.33	-3.33	0.17

720.0	1.61	62.82	719.87	8.39	8.39	-3.21	0.57
725.0	1.70	61.11	724.87	8.46	8.46	-3.08	0.58
730.0	1.78	59.40	729.87	8.54	8.54	-2.95	0.59
735.0	1.86	57.69	734.86	8.62	8.62	-2.82	0.59
740.0	1.95	55.98	739.86	8.71	8.71	-2.68	0.61
745.0	1.98	53.88	744.86	8.81	8.81	-2.54	0.47
750.0	2.01	51.78	749.85	8.91	8.91	-2.40	0.47
755.0	2.04	49.69	754.85	9.03	9.03	-2.26	0.47
760.0	2.07	47.59	759.85	9.14	9.14	-2.13	0.49
765.0	2.10	45.49	764.84	9.27	9.27	-2.00	0.49
770.0	2.04	45.42	769.84	9.40	9.40	-1.87	0.36
775.0	1.98	45.35	774.84	9.52	9.52	-1.74	0.36
780.0	1.92	45.28	779.84	9.64	9.64	-1.62	0.36
785.0	1.87	45.21	784.83	9.76	9.76	-1.50	0.36
790.0	1.81	45.14	789.83	9.87	9.87	-1.39	0.36
795.0	1.80	47.47	794.83	9.98	9.98	-1.28	0.44
800.0	1.78	49.79	799.83	10.08	10.08	-1.16	0.44
805.0	1.77	52.12	804.82	10.18	10.18	-1.04	0.44
810.0	1.76	54.44	809.82	10.27	10.27	-0.91	0.43
815.0	1.75	56.77	814.82	10.36	10.36	-0.79	0.43
820.0	1.80	58.63	819.82	10.44	10.44	-0.66	0.47
825.0	1.86	60.50	824.81	10.52	10.52	-0.52	0.47
830.0	1.91	62.36	829.81	10.60	10.60	-0.37	0.49
835.0	1.96	64.23	834.81	10.68	10.68	-0.22	0.49
840.0	2.02	66.09	839.80	10.75	10.75	-0.07	0.50
845.0	2.01	67.85	844.80	10.82	10.82	0.10	0.38
850.0	2.01	69.60	849.80	10.88	10.88	0.26	0.38
855.0	2.00	71.35	854.80	10.94	10.94	0.42	0.38
860.0	2.00	73.11	859.79	10.99	10.99	0.59	0.38
865.0	1.99	74.86	864.79	11.04	11.04	0.76	0.38
870.0	1.99	75.82	869.79	11.09	11.09	0.93	0.21
875.0	1.99	76.78	874.78	11.13	11.13	1.09	0.21
880.0	1.98	77.75	879.78	11.16	11.16	1.26	0.21
885.0	1.98	78.71	884.78	11.20	11.20	1.43	0.21
890.0	1.98	79.67	889.77	11.23	11.23	1.60	0.21
895.0	1.65	84.51	894.77	11.25	11.25	1.76	2.14
900.0	1.33	89.36	899.77	11.26	11.26	1.89	2.08