BAKER HUGHES
INTEQ

Company: Sandridge Energy
Field: Comanche County
County: Comanche
Well Name: Brentley #1-6H
Rig: Lariat 3

Job Number: 4417611
Magnetic Decl: 5.64
Grid Corr: -0.57
Total Survey Corr: 6.21
Date Printed: 10-Feb-12

Proposed Azimuth: 180.43
Target Inclination: 0.00
TVD: 4420.38
BRN From Survey: 6.33
BRN From Bit: 6.33

Projection	40.00	Depth (ft	9707.00	Incl.	89.53	Azmuth	182.22	TVD	5325.92	VS	4797.49	N/S	4797.46 S	E/W	21.00 W

No.	Tool Type	Depth (ft)	Incl (°)	Azimuth (°)	Quadrant	Course Lgth(ft)	TVD (ft)	VS (ft)	Coordinates N/S (ft)	Coordinates E/W (ft)	Closure Dist (ft)	Closure Ang (°)	DLS (°/100')	Bld Rate (°/100')	Wlk Rate (°/100')
0	TIE	18	0.00	0.00			18.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00	0.00	0
1	M/S	267	0.51	0.00	N 0.00 E	249	267.00	-1.11	1.11 N	0.00 E	1.11	0.00	0.20	0.20	0.00
2	M/S	460	0.42	0.00	N 0.00 E	193	459.99	-2.67	2.67 N	0.00 E	2.67	0.00	0.05	-0.05	0.00
3	M/S	750	0.60	0.00	N 0.00 E	290	749.98	-5.26	5.26 N	0.00 E	5.26	0.00	0.06	0.06	0.00
4	MWD	1030	0.30	36.01	N 36.01 E	280	1029.97	-7.32	7.31 N	0.43 E	7.33	3.37	0.14	-0.11	12.86
5	MWD	1093	0.15	142.63	S 37.37 E	63	1092.97	-7.39	7.38 N	0.58 E	7.41	4.48	0.59	-0.24	169.24
6	MWD	1187	0.21	155.54	S 24.46 E	94	1186.97	-7.13	7.13 N	0.72 E	7.16	5.80	0.08	0.06	13.73
7	MWD	1374	0.39	92.05	S 87.95 E	187	1373.97	-6.80	6.79 N	1.50 E	6.96	12.47	0.19	0.10	-33.95
8	MWD	1852	0.96	103.56	S 76.44 E	478	1851.93	-5.85	5.80 N	7.02 E	9.10	50.46	0.12	0.12	2.41
9	MWD	2330	2.12	133.10	S 46.90 E	478	2329.76	1.05	1.18 S	17.37 E	17.41	93.90	0.29	0.24	6.18
10	MWD	2809	1.27	122.68	S 57.32 E	479	2808.54	9.89	10.10 S	28.31 E	30.06	109.64	0.19	-0.18	-2.18
11	MWD	3289	1.45	114.50	S 65.50 E	480	3288.41	15.21	15.49 S	38.31 E	41.32	112.02	0.06	0.04	-1.70
12	MWD	3576	1.31	80.38	N 80.38 E	287	3575.33	16.11	16.45 S	44.85 E	47.77	110.14	0.29	-0.05	-11.89
13	MWD	3864	0.90	115.96	S 64.04 E	288	3863.28	16.52	16.89 S	50.13 E	52.90	108.62	0.27	-0.14	12.35
14	MWD	4151	1.03	93.23	S 86.77 E	287	4150.24	17.61	18.02 S	54.73 E	57.62	108.23	0.14	0.05	-7.92
15	MWD	4325	1.48	75.88	N 75.88 E	174	4324.20	17.12	17.56 S	58.47 E	61.05	106.72	0.34	0.26	-9.97
16	MWD	4373	1.42	95.68	S 84.32 E	48	4372.18	17.02	17.47 S	59.66 E	62.17	106.32	1.05	-0.13	41.25
17	MWD	4405	2.72	142.40	S 37.60 E	32	4404.16	17.66	18.11 S	60.52 E	63.17	106.66	6.34	4.06	146.00
18	MWD	4437	5.00	159.95	S 20.05 E	32	4436.09	19.56	20.02 S	61.46 E	64.64	108.05	7.94	7.13	54.84
19	MWD	4469	7.64	165.62	S 14.38 E	32	4467.89	22.93	23.40 S	62.47 E	66.71	110.53	8.47	8.25	17.72
20	MWD	4501	9.93	168.21	S 11.79 E	32	4499.52	27.68	28.16 S	63.56 E	69.52	113.89	7.26	7.16	8.09
21	MWD	4534	11.80	174.88	S 5.12 E	33	4531.92	33.82	34.30 S	64.44 E	73.01	118.03	6.82	5.67	20.21
22	MWD	4566	13.90	179.58	S 0.42 E	32	4563.12	40.92	41.41 S	64.76 E	76.87	122.59	7.33	6.56	14.69
23	MWD	4598	16.29	182.58	S 2.58 W	32	4594.02	49.25	49.74 S	64.59 E	81.52	127.60	7.86	7.47	9.38
24	MWD	4630	18.52	184.08	S 4.08 W	32	4624.55	58.81	59.29 S	64.03 E	87.26	132.80	7.11	6.97	4.69
25	MWD	4662	20.15	186.36	S 6.36 W	32	4654.74	69.36	69.84 S	63.06 E	94.09	137.92	5.61	5.09	7.13
26	MWD	4694	22.21	186.24	S 6.24 W	32	4684.58	80.86	81.33 S	61.79 E	102.14	142.78	6.44	6.44	-0.38
27	MWD	4725	23.71	187.17	S 7.17 W	31	4713.12	92.88	93.34 S	60.37 E	111.16	147.10	4.98	4.84	3.00
28	MWD	4757	23.91	188.35	S 8.35 W	32	4742.40	105.69	106.14 S	58.63 E	121.25	151.08	1.61	0.62	3.69
29	MWD	4789	25.00	190.10	S 10.10 W	32	4771.53	118.78	119.21 S	56.50 E	131.92	154.64	4.09	3.41	5.47
30	MWD	4821	26.79	190.79	S 10.79 W	32	4800.32	132.55	132.95 S	53.96 E	143.49	157.91	5.67	5.59	2.16
31	MWD	4853	27.53	193.22	S 13.22 W	32	4828.79	146.85	147.24 S	50.92 E	155.79	160.92	4.17	2.31	7.59
32	MWD	4885	28.74	193.53	S 13.53 W	32	4857.01	161.56	161.92 S	47.43 E	168.72	163.67	3.81	3.78	0.97
33	MWD	4916	31.25	193.21	S 13.21 W	31	4883.85	176.66	176.99 S	43.85 E	182.35	166.09	8.11	8.10	-1.03
34	MWD	4948	33.60	192.87	S 12.87 W	32	4910.86	193.40	193.71 S	39.98 E	197.79	168.34	7.37	7.34	-1.06
35	MWD	4980	35.53	192.64	S 12.64 W	32	4937.21	211.14	211.42 S	35.97 E	214.45	170.34	6.05	6.03	-0.72

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No.	Tool Type	Depth (ft)	Incl (°)	Azimuth (°)	Quadrant	Course Lgth(ft)	TVD (ft)	VS (ft)	Coordinates N/S (ft)	Coordinates E/W (ft)	Closure Dist (ft)	Closure Ang (°)	DLS (°/100')	Bld Rate (°/100')	Wlk Rate (°/100')
0	TIE	18	0.00	0.00			18.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00	0.00	0
1	M/S	267	0.51	0.00	N 0.00 E	249	267.00	-1.11	1.11 N	0.00 E	1.11	0.00	0.20	0.20	0.00
2	M/S	460	0.42	0.00	N 0.00 E	193	459.99	-2.67	2.67 N	0.00 E	2.67	0.00	0.05	-0.05	0.00
3	M/S	750	0.60	0.00	N 0.00 E	290	749.98	-5.26	5.26 N	0.00 E	5.26	0.00	0.06	0.06	0.00
4	MWD	1030	0.30	36.01	N 36.01 E	280	1029.97	-7.32	7.31 N	0.43 E	7.33	3.37	0.14	-0.11	12.86
5	MWD	1093	0.15	142.63	S 37.37 E	63	1092.97	-7.39	7.38 N	0.58 E	7.41	4.48	0.59	-0.24	169.24
6	MWD	1187	0.21	155.54	S 24.46 E	94	1186.97	-7.13	7.13 N	0.72 E	7.16	5.80	0.08	0.06	13.73
7	MWD	1374	0.39	92.05	S 87.95 E	187	1373.97	-6.80	6.79 N	1.50 E	6.96	12.47	0.19	0.10	-33.95
8	MWD	1852	0.96	103.56	S 76.44 E	478	1851.93	-5.85	5.80 N	7.02 E	9.10	50.46	0.12	0.12	2.41
9	MWD	2330	2.12	133.10	S 46.90 E	478	2329.76	1.05	1.18 S	17.37 E	17.41	93.90	0.29	0.24	6.18
10	MWD	2809	1.27	122.68	S 57.32 E	479	2808.54	9.89	10.10 S	28.31 E	30.06	109.64	0.19	-0.18	-2.18
11	MWD	3289	1.45	114.50	S 65.50 E	480	3288.41	15.21	15.49 S	38.31 E	41.32	112.02	0.06	0.04	-1.70
12	MWD	3576	1.31	80.38	N 80.38 E	287	3575.33	16.11	16.45 S	44.85 E	47.77	110.14	0.29	-0.05	-11.89
13	MWD	3864	0.90	115.96	S 64.04 E	288	3863.28	16.52	16.89 S	50.13 E	52.90	108.62	0.27	-0.14	12.35
14	MWD	4151	1.03	93.23	S 86.77 E	287	4150.24	17.61	18.02 S	54.73 E	57.62	108.23	0.14	0.05	-7.92
15	MWD	4325	1.48	75.88	N 75.88 E	174	4324.20	17.12	17.56 S	58.47 E	61.05	106.72	0.34	0.26	-9.97
16	MWD	4373	1.42	95.68	S 84.32 E	48	4372.18	17.02	17.47 S	59.66 E	62.17	106.32	1.05	-0.13	41.25
17	MWD	4405	2.72	142.40	S 37.60 E	32	4404.16	17.66	18.11 S	60.52 E	63.17	106.66	6.34	4.06	146.00
18	MWD	4437	5.00	159.95	S 20.05 E	32	4436.09	19.56	20.02 S	61.46 E	64.64	108.05	7.94	7.13	54.84
19	MWD	4469	7.64	165.62	S 14.38 E	32	4467.89	22.93	23.40 S	62.47 E	66.71	110.53	8.47	8.25	17.72
20	MWD	4501	9.93	168.21	S 11.79 E	32	4499.52	27.68	28.16 S	63.56 E	69.52	113.89	7.26	7.16	8.09
21	MWD	4534	11.80	174.88	S 5.12 E	33	4531.92	33.82	34.30 S	64.44 E	73.01	118.03	6.82	5.67	20.21
22	MWD	4566	13.90	179.58	S 0.42 E	32	4563.12	40.92	41.41 S	64.76 E	76.87	122.59	7.33	6.56	14.69
23	MWD	4598	16.29	182.58	S 2.58 W	32	4594.02	49.25	49.74 S	64.59 E	81.52	127.60	7.86	7.47	9.38
24	MWD	4630	18.52	184.08	S 4.08 W	32	4624.55	58.81	59.29 S	64.03 E	87.26	132.80	7.11	6.97	4.69
25	MWD	4662	20.15	186.36	S 6.36 W	32	4654.74	69.36	69.84 S	63.06 E	94.09	137.92	5.61	5.09	7.13
26	MWD	4694	22.21	186.24	S 6.24 W	32	4684.58	80.86	81.33 S	61.79 E	102.14	142.78	6.44	6.44	-0.38
27	MWD	4725	23.71	187.17	S 7.17 W	31	4713.12	92.88	93.34 S	60.37 E	111.16	147.10	4.98	4.84	3.00
28	MWD	4757	23.91	188.35	S 8.35 W	32	4742.40	105.69	106.14 S	58.63 E	121.25	151.08	1.61	0.62	3.69
29	MWD	4789	25.00	190.10	S 10.10 W	32	4771.53	118.78	119.21 S	56.50 E	131.92	154.64	4.09	3.41	5.47
30	MWD	4821	26.79	190.79	S 10.79 W	32	4800.32	132.55	132.95 S	53.96 E	143.49	157.91	5.67	5.59	2.16
31	MWD	4853	27.53	193.22	S 13.22 W	32	4828.79	146.85	147.24 S	50.92 E	155.79	160.92	4.17	2.31	7.59
32	MWD	4885	28.74	193.53	S 13.53 W	32	4857.01	161.56	161.92 S	47.43 E	168.72	163.67	3.81	3.78	0.97
33	MWD	4916	31.25	193.21	S 13.21 W	31	4883.85	176.66	176.99 S	43.85 E	182.35	166.09	8.11	8.10	-1.03
34	MWD	4948	33.60	192.87	S 12.87 W	32	4910.86	193.40	193.71 S	39.98 E	197.79	168.34	7.37	7.34	-1.06
35	MWD	4980	35.53	192.64	S 12.64 W	32	4937.21	211.14	211.42 S	35.97 E	214.45	170.34	6.05	6.03	-0.72
36	MWD	5012	37.80	191.90	S 11.90 W	32	4962.88	229.84	230.09 S	31.92 E	232.29	172.10	7.23	7.09	-2.31
37	MWD	5044	40.40	189.82	S 9.82 W	32	4987.71	249.69	249.90 S	28.12 E	251.48	173.58	9.10	8.13	-6.50
38	MWD	5076	42.75	191.11	S 11.11 W	32	5011.65	270.59	270.78 S	24.26 E	271.87	174.88	7.82	7.34	4.03
39	MWD	5108	44.18	191.83	S 11.83 W	32	5034.87	292.20	292.36 S	19.88 E	293.03	176.11	4.73	4.47	2.25
40	MWD	5140	47.17	191.53	S 11.53 W	32	5057.23	314.65	314.77 S	15.25 E	315.14	177.23	9.37	9.34	-0.94
41	MWD	5172	49.51	190.96	S 10.96 W	32	5078.50	338.13	338.22 S	10.59 E	338.38	178.21	7.43	7.31	-1.78
42	MWD	5204	50.11	191.37	S 11.37 W	32	5099.15	362.15	362.20 S	5.86 E	362.25	179.07	2.12	1.88	1.28
43	MWD	5236	50.13	191.31	S 11.31 W	32	5119.67	386.26	386.28 S	1.03 E	386.28	179.85	0.16	0.06	-0.19
44	MWD	5268	50.24	190.99	S 10.99 W	32	5140.16	410.41	410.39 S	3.72 W	410.41	180.52	0.84	0.34	-1.00
45	MWD	5300	50.27	190.74	S 10.74 W	32	5160.62	434.61	434.56 S	8.36 W	434.64	181.10	0.61	0.09	-0.78
46	MWD	5332	51.20	190.74	S 10.74 W	32	5180.87	458.98	458.90 S	12.98 W	459.08	181.62	2.91	2.91	0.00
47	MWD	5363	54.25	189.89	S 9.89 W	31	5199.64	483.28	483.16 S	17.39 W	483.48	182.06	10.08	9.84	-2.74
48	MWD	5395	57.78	188.95	S 8.95 W	32	5217.53	509.49	509.34 S	21.73 W	509.80	182.44	11.30	11.03	-2.94
49	MWD	5427	61.65	189.04	S 9.04 W	32	5233.66	536.81	536.62 S	26.05 W	537.26	182.78	12.10	12.09	0.28
50	MWD	5458	64.27	188.88	S 8.88 W	31	5247.75	564.11	563.90 S	30.35 W	564.71	183.08	8.46	8.45	-0.52
51	MWD	5490	66.61	188.19	S 8.19 W	32	5261.05	592.92	592.68 S	34.67 W	593.69	183.35	7.57	7.31	-2.16
52	MWD	5522	69.61	187.40	S 7.40 W	32	5272.98	622.37	622.09 S	38.69 W	623.29	183.56	9.65	9.38	-2.47
53	MWD	5554	72.58	186.85	S 6.85 W	32	5283.35	652.43	652.13 S	42.45 W	653.51	183.72	9.42	9.28	-1.72

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54	MWD	5586	75.42	185.70	S 5.70 W	32	5292.17	683.03	682.70 S	45.80 W	684.24	183.84	9.52	8.88	-3.59
55	MWD	5598	76.45	185.05	S 5.05 W	12	5295.09	694.62	694.29 S	46.89 W	695.87	183.86	10.06	8.58	-5.42
56	MWD	5652	80.70	183.14	S 3.14 W	54	5305.78	747.43	747.07 S	50.67 W	748.79	183.88	8.60	7.87	-3.54
57	MWD	5684	84.16	182.92	S 2.92 W	32	5310.00	779.11	778.74 S	52.34 W	780.50	183.85	10.83	10.81	-0.69
58	MWD	5716	88.24	182.34	S 2.34 W	32	5312.12	811.01	810.63 S	53.81 W	812.42	183.80	12.88	12.75	-1.81
59	MWD	5748	88.39	182.20	S 2.20 W	32	5313.06	842.98	842.59 S	55.07 W	844.39	183.74	0.64	0.47	-0.44
60	MWD	5812	90.46	181.14	S 1.14 W	64	5313.70	906.96	906.56 S	56.94 W	908.34	183.59	3.63	3.23	-1.66
61	MWD	5876	90.37	180.78	S 0.78 W	64	5313.24	970.96	970.55 S	58.01 W	972.28	183.42	0.58	-0.14	-0.56
62	MWD	5972	90.49	180.31	S 0.31 W	96	5312.52	######	###### S	58.92 W	1068.17	183.16	0.51	0.12	-0.49
63	MWD	6067	90.89	179.74	S 0.26 E	95	5311.37	######	###### S	58.97 W	1163.03	182.91	0.73	0.42	-0.60
64	MWD	6163	91.39	179.63	S 0.37 E	96	5309.46	######	###### S	58.44 W	1258.87	182.66	0.53	0.52	-0.11
65	MWD	6260	89.42	178.79	S 1.21 E	97	5308.78	######	###### S	57.10 W	1355.70	182.41	2.21	-2.03	-0.87
66	MWD	6356	89.32	178.51	S 1.49 E	96	5309.83	######	###### S	54.84 W	1451.50	182.17	0.31	-0.10	-0.29
67	MWD	6451	89.45	178.51	S 1.49 E	95	5310.85	######	###### S	52.37 W	1546.31	181.94	0.14	0.14	0.00
68	MWD	6548	88.64	177.78	S 2.22 E	97	5312.47	######	###### S	49.23 W	1643.10	181.72	1.12	-0.84	-0.75
69	MWD	6644	88.55	177.51	S 2.49 E	96	5314.82	######	###### S	45.29 W	1738.84	181.49	0.30	-0.09	-0.28
70	MWD	6740	88.98	177.46	S 2.54 E	96	5316.89	######	###### S	41.07 W	1834.59	181.28	0.45	0.45	-0.05
71	MWD	6837	89.14	177.30	S 2.70 E	97	5318.48	######	###### S	36.64 W	1931.37	181.09	0.23	0.16	-0.16
72	MWD	6934	89.23	176.99	S 3.01 E	97	5319.86	######	###### S	31.81 W	2028.14	180.90	0.33	0.09	-0.32
73	MWD	7031	89.57	176.52	S 3.48 E	97	5320.88	######	###### S	26.32 W	2124.89	180.71	0.60	0.35	-0.48
74	MWD	7128	89.54	176.34	S 3.66 E	97	5321.63	######	###### S	20.28 W	2221.63	180.52	0.19	-0.03	-0.19
75	MWD	7225	89.45	175.95	S 4.05 E	97	5322.49	######	###### S	13.76 W	2318.35	180.34	0.41	-0.09	-0.40
76	MWD	7320	89.82	176.48	S 3.52 E	95	5323.09	######	###### S	7.49 W	2413.11	180.18	0.68	0.39	0.56
77	MWD	7416	90.09	176.15	S 3.85 E	96	5323.17	######	###### S	1.32 W	2508.90	180.03	0.44	0.28	-0.34
78	MWD	7512	89.35	176.79	S 3.21 E	96	5323.64	######	###### S	4.59 E	2604.72	179.90	1.02	-0.77	0.67
79	MWD	7608	89.35	175.89	S 4.11 E	96	5324.73	######	###### S	10.72 E	2700.54	179.77	0.94	0.00	-0.94
80	MWD	7703	89.94	177.04	S 2.96 E	95	5325.31	######	###### S	16.58 E	2795.38	179.66	1.36	0.62	1.21
81	MWD	7798	90.49	177.06	S 2.94 E	95	5324.96	######	###### S	21.47 E	2890.29	179.57	0.58	0.58	0.02
82	MWD	7892	89.91	178.07	S 1.93 E	94	5324.63	######	###### S	25.46 E	2984.23	179.51	1.24	-0.62	1.07
83	MWD	7988	89.88	178.58	S 1.42 E	96	5324.81	######	###### S	28.27 E	3080.21	179.47	0.53	-0.03	0.53
84	MWD	8083	90.15	179.06	S 0.94 E	95	5324.78	######	###### S	30.22 E	3175.20	179.45	0.58	0.28	0.51
85	MWD	8178	90.46	179.00	S 1.00 E	95	5324.27	######	###### S	31.83 E	3270.20	179.44	0.33	0.33	-0.06
86	MWD	8274	90.62	179.33	S 0.67 E	96	5323.37	######	###### S	33.23 E	3366.19	179.43	0.38	0.17	0.34
87	MWD	8369	90.68	178.79	S 1.21 E	95	5322.29	######	###### S	34.79 E	3461.18	179.42	0.57	0.06	-0.57
88	MWD	8427	89.14	179.54	S 0.46 E	58	5322.38	######	###### S	35.63 E	3519.18	179.42	2.95	-2.66	1.29
89	MWD	8491	88.80	180.99	S 0.99 W	64	5323.53	######	###### S	35.34 E	3583.16	179.43	2.33	-0.53	2.27
90	MWD	8586	88.71	180.92	S 0.92 W	95	5325.60	######	###### S	33.75 E	3678.11	179.47	0.12	-0.09	-0.07
91	MWD	8682	88.89	181.44	S 1.44 W	96	5327.61	######	###### S	31.78 E	3774.04	179.52	0.57	0.19	0.54
92	MWD	8777	90.18	182.47	S 2.47 W	95	5328.38	######	###### S	28.54 E	3868.95	179.58	1.74	1.36	1.08
93	MWD	8873	89.78	182.57	S 2.57 W	96	5328.41	######	###### S	24.32 E	3964.83	179.65	0.43	-0.42	0.10
94	MWD	8969	90.80	182.90	S 2.90 W	96	5327.93	######	###### S	19.74 E	4060.69	179.72	1.12	1.06	0.34
95	MWD	9064	91.08	182.90	S 2.90 W	95	5326.37	######	###### S	14.93 E	4155.53	179.79	0.29	0.29	0.00
96	MWD	9160	91.20	183.42	S 3.42 W	96	5324.46	######	###### S	9.64 E	4251.35	179.87	0.56	0.13	0.54
97	MWD	9255	89.48	183.26	S 3.26 W	95	5323.89	######	###### S	4.10 E	4346.18	179.95	1.82	-1.81	-0.17
98	MWD	9350	89.45	183.79	S 3.79 W	95	5324.78	######	###### S	1.74 W	4440.99	180.02	0.56	-0.03	0.56
99	MWD	9446	90.00	183.20	S 3.20 W	96	5325.24	######	###### S	7.59 W	4536.82	180.10	0.84	0.57	-0.61
100	MWD	9541	89.69	183.00	S 3.00 W	95	5325.50	######	###### S	12.73 W	4631.69	180.16	0.39	-0.33	-0.21
101	MWD	9637	90.09	183.04	S 3.04 W	96	5325.68	######	###### S	17.78 W	4727.57	180.22	0.42	0.42	0.04
102	MWD	9667	89.85	182.69	S 2.69 W	30	5325.70	######	###### S	19.28 W	4757.54	180.23	1.41	-0.80	-1.17

	TARGET
TVD	4420.38
VS	3.87
N/S	3.87 S
E/W	0.03 W

Inc. Needed	Direction Needed	Dist To Target
0.07	180.3	4.98
0.09	180.3	6.54
0.14	180.2	9.13
0.19	182.4	11.19
0.19	183.1	11.27
0.20	183.9	11.02
0.20	188.2	10.77
0.27	216.1	11.96
0.48	261.2	17.61
1.03	282.4	29.01
2.03	286.9	40.06
3.16	285.7	46.61
5.31	284.6	51.82
11.83	284.5	56.56
31.99	283.2	60.08
51.79	282.8	61.22
75.39	283.2	62.20
-76.12	284.7	63.58
-54.03	287.3	65.48
-40.70	290.9	68.07
-32.59	295.3	71.30
-27.68	300.1	74.88
-24.53	305.4	79.24
-22.53	310.9	84.70
-21.28	316.3	91.28
-20.56	321.4	99.10
-20.24	326.0	107.95
-20.11	330.2	117.90
-20.09	333.9	128.45
-20.22	337.3	139.92
-20.43	340.4	152.15
-20.70	343.3	165.02
-21.07	345.8	178.60
-21.58	348.1	194.01
-22.17	350.2	210.65
-22.84	352.0	228.46
-23.58	353.5	247.64
-24.38	354.8	268.02
-25.20	356.1	289.17
-26.05	357.2	311.28
-26.94	358.2	334.52
-27.83	359.1	358.38
-28.67	359.8	382.41
-29.46	0.5	406.54
-30.20	1.1	430.77
-30.90	1.6	455.21
-31.61	2.1	479.61
-32.40	2.5	505.93
-33.26	2.8	533.39
-34.13	3.1	560.85
-35.05	3.4	589.83
-36.00	3.6	619.43
-36.97	3.7	649.65

	TARGET
TVD	4420.38
VS	3.87
N/S	3.87 S
E/W	0.03 W

Inc. Needed	Direction Needed	Dist To Target
-37.97	3.9	680.37
-38.35	3.9	692.01
-40.08	3.9	744.92
-41.12	3.9	776.64
-42.20	3.8	808.55
-43.28	3.8	840.53
-45.36	3.6	904.48
-47.32	3.4	968.42
-50.03	3.2	1064.30
-52.45	2.9	1159.16
-54.69	2.7	1255.00
-56.69	2.4	1351.83
-58.43	2.2	1447.63
-60.00	1.9	1542.44
-61.44	1.7	1639.23
-62.73	1.5	1734.97
-63.91	1.3	1830.72
-65.02	1.1	1927.50
-66.04	0.9	2024.27
-67.00	0.7	2121.02
-67.88	0.5	2217.76
-68.71	0.3	2314.48
-69.46	0.2	2409.24
-70.18	0.0	2505.03
-70.85	359.9	2600.85
-71.46	359.8	2696.67
-72.04	359.7	2791.51
-72.60	359.6	2886.42
-73.12	359.5	2980.36
-73.62	359.5	3076.34
-74.08	359.5	3171.33
-74.53	359.4	3266.33
-74.97	359.4	3362.32
-75.38	359.4	3457.31
-75.61	359.4	3515.31
-75.84	359.4	3579.29
-76.16	359.5	3674.24
-76.47	359.5	3770.17
-76.78	359.6	3865.08
-77.09	359.6	3960.96
-77.39	359.7	4056.82
-77.69	359.8	4151.66
-77.98	359.9	4247.48
-78.25	359.9	4342.31
-78.48	0.0	4437.12
-78.71	0.1	4532.95
-78.93	0.2	4627.82
-79.15	0.2	4723.70
-79.22	0.2	4753.67