

Well Report



Company : Woolsey
 Well : Tucker B-4
 Location : Sec11-34S-11W
 Reference: True North

Page: 1
 Date : 10/12/2011

Vertical Section Calculated Along Azimuth 0.00°
KB Elevation = 15.00ft GR. Elevation = 1396.00ft

	MD	Inc	Azi	TVD	North	East	V'Sect	D'Leg	Build	Turn
	ft	deg	deg	ft	ft	ft	ft	%100	%100	%100
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	788.00	1.80	28.20	787.87	10.91	5.85	10.91	0.23	0.23	3.58
2	852.00	2.30	28.60	851.83	12.92	6.94	12.92	0.78	0.78	0.63
3	916.00	2.40	27.40	915.78	15.24	8.17	15.24	0.17	0.16	-1.87
4	948.00	2.40	32.10	947.75	16.40	8.83	16.40	0.61	0.00	14.69
5	1043.00	2.70	30.90	1042.65	20.01	11.04	20.01	0.32	0.32	-1.26
6	1152.00	2.50	35.20	1151.54	24.15	13.73	24.15	0.26	-0.18	3.94
7	1168.00	2.40	32.20	1167.53	24.72	14.11	24.72	1.02	-0.62	-18.75
8	1231.00	2.50	32.40	1230.47	27.00	15.55	27.00	0.16	0.16	0.32
9	1294.00	2.50	30.10	1293.41	29.35	16.97	29.35	0.16	0.00	-3.65
10	1357.00	2.40	25.60	1356.35	31.72	18.23	31.72	0.34	-0.16	-7.14
11	1419.00	2.40	25.80	1418.30	34.06	19.36	34.06	0.01	0.00	0.32
12	1482.00	2.20	27.60	1481.25	36.32	20.49	36.32	0.34	-0.32	2.86
13	1545.00	2.10	28.60	1544.20	38.41	21.61	38.41	0.17	-0.16	1.59
14	1609.00	2.20	31.40	1608.16	40.49	22.81	40.49	0.23	0.16	4.38
15	1671.00	2.20	26.50	1670.11	42.57	23.96	42.57	0.30	0.00	-7.90
16	1735.00	1.80	28.60	1734.07	44.55	24.99	44.55	0.64	-0.63	3.28
17	1798.00	1.70	22.40	1797.04	46.28	25.82	46.28	0.34	-0.16	-9.84
18	1861.00	1.70	18.70	1860.01	48.03	26.47	48.03	0.17	0.00	-5.87
19	1924.00	1.80	17.40	1922.99	49.86	27.07	49.86	0.17	0.16	-2.06
20	1986.00	2.00	17.50	1984.95	51.82	27.68	51.82	0.32	0.32	0.16
21	2049.00	1.90	14.80	2047.91	53.88	28.28	53.88	0.22	-0.16	-4.29
22	2112.00	1.90	14.90	2110.88	55.90	28.82	55.90	0.01	0.00	0.16
23	2237.00	1.80	16.30	2235.82	59.78	29.90	59.78	0.09	-0.08	1.12
24	2394.00	2.20	20.40	2392.72	64.97	31.64	64.97	0.27	0.25	2.61
25	2519.00	2.30	10.80	2517.62	69.69	32.95	69.69	0.31	0.08	-7.68
26	2645.00	2.10	5.30	2643.53	74.47	33.64	74.47	0.23	-0.16	-4.37
27	2770.00	2.00	3.20	2768.45	78.93	33.97	78.93	0.10	-0.08	-1.68
28	2896.00	2.20	6.90	2894.37	83.52	34.38	83.52	0.19	0.16	2.94
29	2990.00	2.10	2.80	2988.30	87.04	34.68	87.04	0.20	-0.11	-4.36
30	3085.00	2.50	352.20	3083.22	90.83	34.49	90.83	0.61	0.42	-11.16
31	3180.00	2.20	348.80	3178.14	94.67	33.85	94.67	0.35	-0.32	-3.58
32	3275.00	2.00	356.10	3273.08	98.11	33.39	98.11	0.35	-0.21	7.68
33	3369.00	2.20	357.00	3367.02	101.55	33.18	101.55	0.22	0.21	0.96
34	3465.00	2.20	358.00	3462.95	105.23	33.02	105.23	0.04	0.00	1.04
35	3560.00	2.20	0.80	3557.88	108.88	32.98	108.88	0.11	0.00	2.95

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Vertical Section Calculated Along Azimuth 0.00°
KB Elevation = 15.00ft GR. Elevation = 1396.00ft

	MD	Inc	Azi	TVD	North	East	V'Sect	D'Leg	Build	Turn
	ft	deg	deg	ft	ft	ft	ft	%/100	%/100	%/100
36	3653.00	2.30	0.20	3650.80	112.53	33.01	112.53	0.11	0.11	-0.65
37	3748.00	2.10	356.20	3745.73	116.17	32.90	116.17	0.27	-0.21	-4.21
38	3842.00	2.70	349.50	3839.65	120.07	32.39	120.07	0.70	0.64	-7.13
39	3937.00	2.50	340.20	3934.55	124.22	31.28	124.22	0.49	-0.21	-9.79
40	4027.00	2.10	343.50	4024.48	127.64	30.14	127.64	0.47	-0.44	3.67

Bottom Hole Closure 131.15ft Along Azimuth 13.29°

Well Report



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Vertical Section Calculated Along Azimuth 181.20°

KB Elevation = 15.00ft GR. Elevation = 1396.00ft

	MD	Inc	Azi	TVD	North	East	V'Sect	D'Leg	Build	Turn
	ft	deg	deg	ft	ft	ft	ft	%100	%100	%100
0	4027.00	2.10	343.50	4024.48	127.64	30.14	-128.25	0.00	0.00	0.00
1	4059.00	1.50	333.70	4056.47	128.58	29.79	-129.18	2.10	-1.87	-30.63
2	4090.00	1.30	227.20	4087.46	128.71	29.35	-129.29	7.25	-0.65	-343.55
3	4121.00	4.20	198.10	4118.42	127.39	28.74	-127.96	10.09	9.35	-93.87
4	4153.00	7.70	195.10	4150.25	124.20	27.82	-124.76	10.98	10.94	-9.37
5	4184.00	11.00	190.00	4180.83	119.28	26.76	-119.82	10.97	10.65	-16.45
6	4216.00	14.30	187.00	4212.05	112.35	25.75	-112.87	10.51	10.31	-9.37
7	4248.00	17.80	184.40	4242.80	103.55	24.90	-104.05	11.16	10.94	-8.12
8	4279.00	21.40	181.90	4272.00	93.17	24.34	-93.66	11.92	11.61	-8.06
9	4311.00	25.00	180.80	4301.40	80.57	24.06	-81.06	11.33	11.25	-3.44
10	4343.00	28.20	182.40	4330.01	66.25	23.64	-66.73	10.25	10.00	5.00
11	4374.00	31.20	184.40	4356.94	50.92	22.72	-51.39	10.19	9.68	6.45
12	4405.00	34.50	185.10	4382.98	34.17	21.33	-34.61	10.72	10.65	2.26
13	4437.00	38.10	184.60	4408.76	15.29	19.73	-15.70	11.29	11.25	-1.56
14	4469.00	41.40	184.20	4433.36	-5.10	18.16	4.72	10.34	10.31	-1.25
15	4501.00	44.60	184.40	4456.76	-26.86	16.52	26.51	10.01	10.00	0.63
16	4532.00	48.10	184.10	4478.16	-49.23	14.86	48.91	11.31	11.29	-0.97
17	4564.00	51.10	183.50	4498.90	-73.54	13.25	73.25	9.48	9.37	-1.87
18	4596.00	54.10	183.20	4518.33	-98.92	11.77	98.65	9.40	9.37	-0.94
19	4628.00	56.90	182.80	4536.45	-125.25	10.39	125.01	8.81	8.75	-1.25
20	4659.00	59.20	182.70	4552.86	-151.52	9.13	151.30	7.42	7.42	-0.32
21	4691.00	61.30	182.80	4568.73	-179.27	7.79	179.07	6.57	6.56	0.31
22	4723.00	63.50	182.60	4583.56	-207.60	6.46	207.42	6.90	6.88	-0.62
23	4748.00	65.30	182.70	4594.36	-230.12	5.42	229.95	7.21	7.20	0.40
24	4816.00	70.60	183.20	4619.88	-293.04	2.17	292.93	7.82	7.79	0.74
25	4848.00	74.00	183.50	4629.61	-323.47	0.39	323.39	10.66	10.62	0.94
26	4880.00	77.30	183.10	4637.54	-354.41	-1.40	354.36	10.38	10.31	-1.25
27	4911.00	80.90	182.80	4643.40	-384.81	-2.96	384.79	11.65	11.61	-0.97
28	4943.00	84.60	182.30	4647.44	-416.51	-4.38	416.51	11.67	11.56	-1.56
29	4975.00	88.20	182.70	4649.45	-448.42	-5.77	448.44	11.32	11.25	1.25
30	5007.00	90.50	183.20	4649.81	-480.37	-7.41	480.42	7.36	7.19	1.56
31	5038.00	91.20	183.50	4649.35	-511.31	-9.23	511.39	2.46	2.26	0.97
32	5070.00	91.60	183.80	4648.57	-543.24	-11.26	543.35	1.56	1.25	0.94
33	5102.00	91.40	183.20	4647.73	-575.17	-13.22	575.32	1.98	-0.63	-1.88
34	5134.00	91.60	183.00	4646.89	-607.11	-14.95	607.29	0.88	0.63	-0.63
35	5165.00	91.80	182.10	4645.97	-638.06	-16.32	638.27	2.97	0.65	-2.90

Well Report



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Vertical Section Calculated Along Azimuth 181.20°

KB Elevation = 15.00ft GR. Elevation = 1396.00ft

	MD	Inc	Azi	TVD	North	East	V'Sect	D'Leg	Build	Turn
	ft	deg	deg	ft	ft	ft	ft	%/100	%/100	%/100
36	5197.00	92.30	181.30	4644.83	-670.03	-17.27	670.24	2.95	1.56	-2.50
37	5228.00	92.20	180.50	4643.61	-701.00	-17.76	701.22	2.60	-0.32	-2.58
38	5260.00	92.30	179.30	4642.35	-732.98	-17.70	733.19	3.76	0.31	-3.75
39	5292.00	91.70	179.00	4641.24	-764.95	-17.23	765.15	2.10	-1.87	-0.94
40	5323.00	92.00	178.70	4640.24	-795.93	-16.61	796.10	1.37	0.97	-0.97
41	5354.00	91.50	178.60	4639.29	-826.91	-15.88	827.06	1.64	-1.61	-0.32
42	5386.00	90.80	178.20	4638.65	-858.89	-14.98	859.01	2.52	-2.19	-1.25
43	5418.00	91.20	177.90	4638.09	-890.86	-13.90	890.96	1.56	1.25	-0.94
44	5450.00	90.40	177.30	4637.64	-922.83	-12.56	922.89	3.12	-2.50	-1.88
45	5481.00	89.40	177.90	4637.70	-953.81	-11.26	953.83	3.76	-3.23	1.94
46	5513.00	89.50	177.90	4638.00	-985.78	-10.08	985.78	0.31	0.31	0.00
47	5545.00	90.10	177.90	4638.11	-1017.76	-8.91	1017.72	1.87	1.87	0.00
48	5576.00	90.70	177.80	4637.90	-1048.74	-7.75	1048.67	1.96	1.94	-0.32
49	5608.00	89.50	178.50	4637.84	-1080.72	-6.72	1080.62	4.34	-3.75	2.19
50	5640.00	88.70	179.00	4638.34	-1112.71	-6.02	1112.59	2.95	-2.50	1.56
51	5672.00	89.30	179.10	4638.90	-1144.70	-5.49	1144.56	1.90	1.88	0.31
52	5703.00	90.10	179.50	4639.07	-1175.70	-5.11	1175.55	2.89	2.58	1.29
53	5735.00	90.30	179.80	4638.95	-1207.70	-4.91	1207.53	1.13	0.63	0.94
54	5767.00	90.90	179.70	4638.62	-1239.69	-4.77	1239.52	1.90	1.88	-0.31
55	5799.00	91.60	179.60	4637.92	-1271.68	-4.58	1271.50	2.21	2.19	-0.31
56	5831.00	92.60	179.00	4636.75	-1303.66	-4.19	1303.46	3.64	3.13	-1.87
57	5863.00	92.70	180.20	4635.27	-1335.62	-3.96	1335.41	3.76	0.31	3.75
58	5895.00	91.70	180.40	4634.04	-1367.60	-4.13	1367.39	3.19	-3.12	0.63
59	5927.00	90.30	180.40	4633.48	-1399.59	-4.36	1399.38	4.38	-4.38	0.00
60	5958.00	89.30	181.50	4633.59	-1430.59	-4.87	1430.38	4.80	-3.23	3.55
61	5990.00	88.40	181.80	4634.23	-1462.57	-5.79	1462.37	2.96	-2.81	0.94
62	6022.00	87.70	181.60	4635.32	-1494.54	-6.74	1494.35	2.27	-2.19	-0.63
63	6053.00	87.80	181.90	4636.54	-1525.50	-7.69	1525.32	1.02	0.32	0.97
64	6085.00	88.50	182.90	4637.57	-1557.45	-9.02	1557.30	3.81	2.19	3.13
65	6117.00	89.30	182.90	4638.19	-1589.40	-10.64	1589.28	2.50	2.50	0.00
66	6149.00	89.30	183.60	4638.58	-1621.35	-12.46	1621.26	2.19	0.00	2.19
67	6180.00	89.60	183.50	4638.87	-1652.29	-14.38	1652.23	1.02	0.97	-0.32
68	6212.00	90.70	183.40	4638.79	-1684.23	-16.30	1684.20	3.45	3.44	-0.31
69	6244.00	91.30	184.10	4638.23	-1716.16	-18.39	1716.17	2.88	1.88	2.19
70	6276.00	90.70	183.90	4637.67	-1748.07	-20.63	1748.12	1.98	-1.88	-0.63
71	6307.00	90.40	183.50	4637.38	-1779.01	-22.63	1779.09	1.61	-0.97	-1.29

Well Report



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 Well : Tucker B-4
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Vertical Section Calculated Along Azimuth 181.20°

KB Elevation = 15.00ft GR. Elevation = 1396.00ft

	MD	Inc	Azi	TVD	North	East	V'Sect	D'Leg	Build	Turn
	ft	deg	deg	ft	ft	ft	ft	%/100	%/100	%/100
72	6339.00	90.20	183.60	4637.21	-1810.95	-24.61	1811.06	0.70	-0.63	0.31
73	6371.00	90.30	183.40	4637.07	-1842.89	-26.56	1843.04	0.70	0.31	-0.63
74	6403.00	90.40	182.70	4636.87	-1874.84	-28.26	1875.02	2.21	0.31	-2.19
75	6434.00	90.30	183.10	4636.68	-1905.80	-29.83	1906.01	1.33	-0.32	1.29
76	6466.00	90.40	183.40	4636.49	-1937.75	-31.65	1937.99	0.99	0.31	0.94
77	6498.00	90.50	182.50	4636.24	-1969.70	-33.29	1969.97	2.83	0.31	-2.81
78	6529.00	90.40	182.40	4635.99	-2000.67	-34.62	2000.96	0.46	-0.32	-0.32
79	6561.00	90.00	181.60	4635.88	-2032.65	-35.74	2032.96	2.80	-1.25	-2.50
80	6593.00	90.20	180.80	4635.83	-2064.65	-36.41	2064.96	2.58	0.63	-2.50
81	6624.00	90.50	180.90	4635.64	-2095.64	-36.87	2095.96	1.02	0.97	0.32
82	6652.00	89.90	181.10	4635.54	-2123.64	-37.35	2123.96	2.26	-2.14	0.71
83	6683.00	87.70	180.80	4636.19	-2154.63	-37.87	2154.95	7.16	-7.10	-0.97
84	6714.00	87.20	180.50	4637.57	-2185.59	-38.22	2185.91	1.88	-1.61	-0.97
85	6746.00	88.60	181.60	4638.74	-2217.56	-38.81	2217.89	5.56	4.37	3.44
86	6778.00	90.50	182.10	4638.99	-2249.55	-39.84	2249.89	6.14	5.94	1.56
87	6810.00	90.70	182.10	4638.66	-2281.52	-41.01	2281.88	0.62	0.63	0.00
88	6841.00	91.10	182.10	4638.17	-2312.50	-42.15	2312.87	1.29	1.29	0.00
89	6873.00	90.10	181.70	4637.83	-2344.48	-43.21	2344.87	3.37	-3.13	-1.25
90	6905.00	90.10	181.60	4637.78	-2376.46	-44.13	2376.87	0.31	0.00	-0.31
91	6936.00	90.00	181.50	4637.75	-2407.45	-44.97	2407.87	0.46	-0.32	-0.32
92	6968.00	90.30	181.70	4637.67	-2439.44	-45.86	2439.87	1.13	0.94	0.63
93	7000.00	90.00	181.80	4637.58	-2471.43	-46.84	2471.86	0.99	-0.94	0.31
94	7031.00	89.10	181.90	4637.83	-2502.41	-47.84	2502.86	2.92	-2.90	0.32
95	7062.00	88.30	182.10	4638.53	-2533.38	-48.92	2533.85	2.66	-2.58	0.65
96	7094.00	88.80	182.10	4639.34	-2565.35	-50.09	2565.84	1.56	1.56	0.00
97	7126.00	89.20	182.50	4639.90	-2597.32	-51.38	2597.82	1.77	1.25	1.25
98	7158.00	89.70	182.50	4640.21	-2629.29	-52.77	2629.81	1.56	1.56	0.00
99	7189.00	90.00	182.30	4640.29	-2660.26	-54.07	2660.81	1.16	0.97	-0.65
100	7221.00	90.40	182.50	4640.18	-2692.23	-55.41	2692.80	1.40	1.25	0.63
101	7253.00	89.10	181.90	4640.31	-2724.21	-56.64	2724.79	4.47	-4.06	-1.88
102	7285.00	88.80	181.80	4640.90	-2756.18	-57.67	2756.79	0.99	-0.94	-0.31
103	7317.00	88.80	181.90	4641.57	-2788.16	-58.71	2788.78	0.31	0.00	0.31
104	7348.00	88.50	181.70	4642.30	-2819.14	-59.68	2819.77	1.16	-0.97	-0.65
105	7380.00	88.70	181.50	4643.08	-2851.11	-60.57	2851.76	0.88	0.63	-0.63
106	7412.00	89.30	181.20	4643.64	-2883.10	-61.33	2883.75	2.10	1.88	-0.94
107	7444.00	89.50	181.40	4643.98	-2915.09	-62.05	2915.75	0.88	0.63	0.63

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Vertical Section Calculated Along Azimuth 181.20°

KB Elevation = 15.00ft GR. Elevation = 1396.00ft

	MD ft	Inc deg	Azi deg	TVD ft	North ft	East ft	V'Sect ft	D'Leg %/100	Build %/100	Turn %/100
108	7475.00	89.50	181.20	4644.25	-2946.08	-62.75	2946.75	0.65	0.00	-0.65
109	7507.00	89.10	180.90	4644.64	-2978.07	-63.34	2978.75	1.56	-1.25	-0.94
110	7539.00	89.10	180.90	4645.14	-3010.07	-63.84	3010.74	0.00	0.00	0.00
111	7570.00	89.30	180.80	4645.57	-3041.06	-64.30	3041.74	0.72	0.65	-0.32
112	7602.00	88.60	180.80	4646.16	-3073.05	-64.75	3073.73	2.19	-2.19	0.00
113	7634.00	88.60	180.80	4646.94	-3105.04	-65.20	3105.72	0.00	0.00	0.00
114	7666.00	88.70	180.50	4647.70	-3137.03	-65.56	3137.71	0.99	0.31	-0.94
115	7698.00	88.60	180.50	4648.45	-3169.02	-65.84	3169.70	0.31	-0.31	0.00
116	7729.00	88.40	180.30	4649.26	-3200.00	-66.06	3200.69	0.91	-0.65	-0.65
117	7761.00	88.30	180.60	4650.18	-3231.99	-66.31	3232.67	0.99	-0.31	0.94
118	7793.00	88.70	180.60	4651.02	-3263.98	-66.64	3264.66	1.25	1.25	0.00
119	7825.00	88.50	180.70	4651.80	-3295.97	-67.00	3296.65	0.70	-0.63	0.31
120	7856.00	88.10	180.70	4652.72	-3326.95	-67.38	3327.63	1.29	-1.29	0.00
121	7888.00	86.60	180.70	4654.20	-3358.91	-67.77	3359.60	4.69	-4.69	0.00
122	7920.00	86.70	180.40	4656.07	-3390.86	-68.08	3391.54	0.99	0.31	-0.94
123	7952.00	86.40	180.60	4658.00	-3422.80	-68.36	3423.48	1.13	-0.94	0.63
124	7983.00	86.00	180.80	4660.05	-3453.73	-68.74	3454.41	1.44	-1.29	0.65
125	8014.00	86.00	181.00	4662.21	-3484.65	-69.22	3485.33	0.64	0.00	0.65
126	8045.00	88.20	181.90	4663.78	-3515.60	-70.01	3516.29	7.67	7.10	2.90
127	8077.00	89.50	181.90	4664.42	-3547.57	-71.07	3548.28	4.06	4.06	0.00
128	8111.00	89.00	182.00	4664.87	-3581.55	-72.22	3582.27	1.50	-1.47	0.29
129	8142.00	89.00	182.00	4665.41	-3612.52	-73.31	3613.27	0.00	0.00	0.00
130	8174.00	88.70	181.80	4666.05	-3644.50	-74.37	3645.26	1.13	-0.94	-0.63
131	8206.00	88.60	182.10	4666.81	-3676.47	-75.45	3677.25	0.99	-0.31	0.94
132	8237.00	88.70	182.30	4667.54	-3707.44	-76.64	3708.23	0.72	0.32	0.65
133	8269.00	88.20	182.30	4668.40	-3739.40	-77.93	3740.22	1.56	-1.56	0.00
134	8301.00	87.70	182.20	4669.55	-3771.36	-79.18	3772.19	1.59	-1.56	-0.31
135	8333.00	87.70	182.30	4670.83	-3803.31	-80.44	3804.16	0.31	0.00	0.31
136	8365.00	88.20	182.50	4671.98	-3835.26	-81.78	3836.13	1.68	1.56	0.63
137	8396.00	88.70	183.10	4672.82	-3866.21	-83.29	3867.11	2.52	1.61	1.94
138	8428.00	89.60	183.00	4673.29	-3898.16	-84.99	3899.09	2.83	2.81	-0.31
139	8460.00	88.70	183.30	4673.76	-3930.11	-86.75	3931.06	2.96	-2.81	0.94
140	8489.00	88.50	183.20	4674.47	-3959.05	-88.40	3960.04	0.77	-0.69	-0.34
141	8520.00	92.50	183.50	4674.20	-3989.99	-90.21	3991.01	12.94	12.90	0.97
142	8552.00	94.00	183.30	4672.39	-4021.88	-92.10	4022.93	4.73	4.69	-0.63
143	8584.00	92.60	182.50	4670.55	-4053.79	-93.72	4054.86	5.04	-4.37	-2.50

Well Report



Company : Woolsey
 Well : Tucker B-4
 Location : Sec11-34S-11W
 Reference: True North

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 Date : 10/12/2011

Vertical Section Calculated Along Azimuth 181.20°

	KB Elevation = 15.00ft			GR. Elevation = 1396.00ft						
	MD	Inc	Azi	TVD	North	East	V'Sect	D'Leg	Build	Turn
	ft	deg	deg	ft	ft	ft	ft	%/100	%/100	%/100
144	8616.00	91.90	181.80	4669.29	-4085.74	-94.92	4086.83	3.09	-2.19	-2.19
145	8648.00	92.00	181.70	4668.20	-4117.71	-95.89	4118.81	0.44	0.31	-0.31
146	8679.00	91.20	180.90	4667.34	-4148.69	-96.60	4149.80	3.65	-2.58	-2.58
147	8711.00	90.80	180.70	4666.78	-4180.68	-97.04	4181.80	1.40	-1.25	-0.63
148	8743.00	90.60	180.50	4666.39	-4212.68	-97.38	4213.79	0.88	-0.63	-0.63
149	8775.00	90.70	179.80	4666.02	-4244.67	-97.46	4245.78	2.21	0.31	-2.19
150	8807.00	90.40	179.60	4665.72	-4276.67	-97.30	4277.77	1.13	-0.94	-0.63
151	8838.00	88.80	179.60	4665.93	-4307.67	-97.08	4308.76	5.16	-5.16	0.00
152	8870.00	87.60	179.80	4666.94	-4339.65	-96.91	4340.73	3.80	-3.75	0.63
153	8902.00	88.10	180.00	4668.14	-4371.63	-96.86	4372.70	1.68	1.56	0.63
154	8934.00	88.40	180.20	4669.12	-4403.61	-96.91	4404.68	1.13	0.94	0.63
155	8966.00	89.30	180.90	4669.76	-4435.61	-97.22	4436.67	3.56	2.81	2.19
156	8997.00	90.10	181.30	4669.92	-4466.60	-97.81	4467.67	2.89	2.58	1.29
157	9029.00	90.90	181.30	4669.64	-4498.59	-98.54	4499.67	2.50	2.50	0.00
158	9061.00	91.10	181.30	4669.08	-4530.58	-99.27	4531.66	0.62	0.63	0.00
159	9130.00	90.00	181.00	4668.42	-4599.56	-100.65	4600.66	1.65	-1.59	-0.43

Bottom Hole Closure 4600.66ft Along Azimuth 181.25°