

Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head		Vsect (ft)	Dogleg (deg/100ft)
				NS (ft)	EW (ft)		
7254.00	90.94	163.04	6374.67	-1111.35	329.50	1159.14	1.43
7347.00	91.36	164.01	6372.80	-1200.52	355.87	1252.12	1.14
7442.00	88.20	163.57	6373.16	-1291.73	382.39	1347.11	3.36
7537.00	87.61	163.90	6376.64	-1382.86	408.97	1442.04	0.71
7632.00	91.92	164.60	6377.03	-1474.27	434.76	1537.02	4.60
7727.00	90.98	165.85	6374.62	-1566.10	458.97	1631.96	1.65
7822.00	89.28	166.07	6374.41	-1658.26	482.02	1726.89	1.80
7917.00	88.69	165.35	6376.09	-1750.30	505.46	1821.83	0.98
8008.00	88.39	165.15	6378.41	-1838.28	528.63	1912.77	0.40
8103.00	88.08	165.37	6381.34	-1930.11	552.79	2007.70	0.40
8198.00	91.45	166.80	6381.72	-2022.30	575.63	2102.62	3.85
8293.00	90.75	164.71	6379.90	-2114.36	599.00	2197.54	2.32
8388.00	90.35	163.83	6378.99	-2205.80	624.75	2292.54	1.02
8482.00	88.76	160.41	6379.72	-2295.24	653.61	2386.47	4.01
8577.00	88.16	160.26	6382.27	-2384.66	685.56	2481.25	0.65
8671.00	87.73	160.43	6385.64	-2473.13	717.16	2575.01	0.49
8766.00	90.31	164.06	6387.27	-2563.57	746.12	2669.93	4.69
8858.00	90.14	165.91	6386.91	-2652.42	769.95	2761.91	2.02
8952.00	89.02	165.68	6387.60	-2743.54	793.02	2855.86	1.22
9044.00	88.58	165.98	6389.52	-2832.73	815.53	2947.78	0.58
9139.00	90.35	164.96	6390.41	-2924.68	839.37	3042.74	2.15
9233.00	88.65	164.70	6391.23	-3015.40	863.96	3136.72	1.83
9328.00	90.17	167.68	6392.21	-3107.63	886.63	3231.62	3.52
9422.00	88.71	166.25	6393.13	-3199.20	907.83	3325.48	2.17
9516.00	89.16	165.98	6394.87	-3290.44	930.39	3419.39	0.56
9611.00	88.17	165.39	6397.09	-3382.46	953.87	3514.32	1.21
9705.00	86.61	162.66	6401.37	-3472.73	979.71	3608.21	3.34
9799.00	88.78	163.12	6405.15	-3562.49	1007.34	3702.11	2.36
9894.00	88.95	163.32	6407.03	-3653.43	1034.76	3797.09	0.28
9988.00	89.39	163.21	6408.39	-3743.43	1061.82	3891.07	0.48
10083.00	89.65	162.21	6409.19	-3834.14	1090.06	3986.05	1.09
10178.00	89.97	161.86	6409.50	-3924.50	1119.36	4081.00	0.50
10272.00	90.30	161.35	6409.28	-4013.70	1149.02	4174.92	0.65
10367.00	90.52	161.57	6408.60	-4103.77	1179.23	4269.83	0.33
10461.00	89.91	164.06	6408.25	-4193.56	1207.00	4363.81	2.73
10555.00	90.14	164.27	6408.21	-4284.00	1232.65	4457.81	0.33
10650.00	90.02	164.42	6408.08	-4375.47	1258.28	4552.80	0.20
10744.00	90.12	164.94	6407.96	-4466.13	1283.12	4646.79	0.56
10839.00	88.83	165.59	6408.83	-4558.00	1307.28	4741.76	1.52
10935.00	88.76	165.90	6410.85	-4651.02	1330.91	4837.69	0.33
11029.00	88.69	165.91	6412.94	-4742.17	1353.80	4931.61	0.08
11123.00	88.99	163.50	6414.85	-4832.82	1378.59	5025.57	2.58
11217.00	89.09	163.36	6416.42	-4922.90	1405.39	5119.56	0.18
11311.00	89.37	164.72	6417.68	-5013.27	1431.24	5213.54	1.48
11405.00	89.37	165.21	6418.72	-5104.04	1455.62	5307.52	0.52
11499.00	89.97	163.02	6419.26	-5194.45	1481.35	5401.51	2.42
11594.00	90.05	162.23	6419.24	-5285.11	1509.71	5496.49	0.84
11688.00	90.35	162.76	6418.91	-5374.76	1537.99	5590.46	0.65
11783.00	89.56	161.71	6418.99	-5465.22	1566.97	5685.42	1.38
11878.00	89.42	161.11	6419.83	-5555.26	1597.26	5780.32	0.65
11973.00	90.10	162.88	6420.23	-5645.61	1626.62	5875.27	2.00
12068.00	90.17	162.56	6420.01	-5736.32	1654.84	5970.25	0.34
12162.00	88.92	159.96	6420.75	-5825.32	1685.03	6064.13	3.07

Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head		VSect (ft)	Dogleg (deg/100ft)
				NS (ft)	EW (ft)		
12256.00	89.63	163.36	6421.94	-5914.53	1714.61	6158.04	3.69
12350.00	89.79	162.92	6422.42	-6004.49	1741.87	6252.03	0.50
12445.00	89.77	163.51	6422.78	-6095.44	1769.30	6347.02	0.62
12540.00	88.92	164.13	6423.87	-6186.67	1795.77	6442.01	1.11
12635.00	88.99	164.10	6425.60	-6278.02	1821.77	6537.00	0.08
12729.00	89.18	164.30	6427.10	-6368.46	1847.36	6630.98	0.29
12823.00	89.37	164.63	6428.29	-6459.02	1872.53	6724.97	0.41
12918.00	89.77	164.91	6429.01	-6550.68	1897.49	6819.96	0.51
13012.00	90.38	165.38	6428.88	-6641.54	1921.59	6913.94	0.82
13107.00	90.87	165.71	6427.85	-6733.52	1945.30	7008.89	0.62
13200.00	91.08	166.25	6426.27	-6823.74	1967.83	7101.82	0.62
13294.00	90.80	164.42	6424.72	-6914.66	1991.62	7195.77	1.97
13389.00	90.94	164.39	6423.28	-7006.15	2017.16	7290.75	0.15
13482.00	89.93	163.97	6422.57	-7095.63	2042.51	7383.75	1.18
13577.00	90.09	164.18	6422.56	-7186.98	2068.58	7478.75	0.28
13671.00	88.34	163.71	6423.85	-7277.30	2094.57	7572.74	1.93
13765.00	88.79	162.36	6426.20	-7367.18	2121.99	7666.69	1.51
13859.00	89.28	164.38	6427.78	-7457.23	2148.88	7760.67	2.21
13953.00	89.53	164.68	6428.76	-7547.82	2173.96	7854.66	0.42
14048.00	90.42	165.18	6428.80	-7639.55	2198.66	7949.64	1.07
14141.00	90.07	163.03	6428.40	-7728.99	2224.12	8042.64	2.34
14235.00	90.30	163.16	6428.10	-7818.93	2251.46	8136.63	0.28
14329.00	88.67	163.42	6428.94	-7908.95	2278.48	8230.61	1.76
14423.00	89.18	163.76	6430.71	-7999.11	2305.03	8324.60	0.65
14518.00	89.79	164.37	6431.56	-8090.45	2331.12	8419.59	0.91
14612.00	89.23	163.38	6432.37	-8180.75	2357.22	8513.59	1.21
14706.00	90.52	164.69	6432.57	-8271.12	2383.07	8607.58	1.96
14799.00	91.45	165.10	6430.97	-8360.89	2407.31	8700.55	1.09
14894.00	89.04	164.48	6430.57	-8452.56	2432.23	8795.53	2.62
14978.00	89.72	165.01	6431.47	-8533.59	2454.33	8879.52	1.03
Projected to Total Depth:							
15035.00	89.72	165.01	6431.75	-8588.65	2469.07	8936.51	0.00

Vertical Section is 8936.51 ft along the target direction of 163.90 deg at a measured depth of 15035.00 ft.
Horizontal Displacement is 8936.51 ft along the well bore azimuth of 163.96 deg.
The total correction is -7.96 deg relative to Grid North.