

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S		Dogleg Deg/100ft	Vert Sect	
5302.00	17.70	14.20	5154.81	967.38 N	321.07 E	0.48	1018.55	
5364.00	17.20	13.80	5213.96	985.42 N	325.57 E	0.83	1037.13	
5427.00	16.60	13.80	5274.24	1003.20 N	329.93 E	0.95	1055.43	
5489.00	16.50	13.80	5333.67	1020.36 N	334.15 E	0.16	1073.07	
5550.00	16.70	13.50	5392.13	1037.29 N	338.26 E	0.36	1090.48	
5612.00	17.00	13.50	5451.46	1054.77 N	342.45 E	0.48	1108.43	
5674.00	17.30	13.80	5510.71	1072.53 N	346.77 E	0.50	1126.70	
5735.00	17.60	14.20	5568.90	1090.28 N	351.19 E	0.53	1144.97	
5798.00	17.10	14.90	5629.03	1108.46 N	355.91 E	0.86	1163.75	
5862.00	17.50	15.20	5690.14	1126.84 N	360.86 E	0.64	1182.78	
5924.00	17.60	15.60	5749.25	1144.87 N	365.82 E	0.25	1201.47	
5992.00	16.90	16.30	5814.19	1164.26 N	371.36 E	1.07	1221.64	
6055.00	17.10	16.30	5874.44	1181.93 N	376.53 E	0.32	1240.06	
6116.00	17.14	16.30	5932.74	1199.17 N	381.57 E	0.07	1258.01	
6177.00	16.40	15.60	5991.14	1216.09 N	386.41 E	1.26	1275.61	
6239.00	16.79	15.60	6050.56	1233.15 N	391.17 E	0.63	1293.32	
6300.00	17.05	15.95	6108.92	1250.23 N	396.00 E	0.46	1311.07	
6362.00	17.49	15.95	6168.12	1267.93 N	401.05 E	0.71	1329.48	
6422.00	18.00	16.30	6225.27	1285.50 N	406.13 E	0.87	1347.77	
6484.00	18.28	16.65	6284.19	1304.01 N	411.61 E	0.48	1367.07	
6545.00	18.10	16.60	6342.14	1322.25 N	417.06 E	0.30	1386.11	
6607.00	18.20	16.30	6401.05	1340.78 N	422.53 E	0.22	1405.42	
6668.00	17.93	15.25	6459.05	1358.98 N	427.67 E	0.69	1424.34	
6731.00	18.72	15.25	6518.85	1378.09 N	432.88 E	1.25	1444.14	
6792.00	18.90	16.30	6576.59	1397.01 N	438.23 E	0.63	1463.81	
6851.00	18.80	16.60	6632.43	1415.30 N	443.62 E	0.24	1482.87	
6914.00	18.72	15.25	6692.08	1434.78 N	449.18 E	0.70	1503.13	
6976.00	18.63	13.84	6750.82	1453.99 N	454.17 E	0.74	1522.97	
7037.00	18.40	12.43	6808.66	1472.86 N	458.57 E	0.83	1542.32	
7100.00	16.80	10.68	6868.71	1491.51 N	462.40 E	2.67	1561.30	
7131.00	16.70	9.60	6898.40	1500.31 N	463.97 E	1.05	1570.18	
7192.00	16.60	9.60	6956.84	1517.54 N	466.89 E	0.16	1587.55	
7254.00	17.30	10.70	7016.15	1535.33 N	470.08 E	1.24	1605.52	
7317.00	17.90	11.40	7076.20	1554.03 N	473.73 E	1.01	1624.49	
7379.00	18.40	12.80	7135.11	1572.91 N	477.78 E	1.07	1643.75	
7468.00	19.20	14.20	7219.36	1600.79 N	484.48 E	1.03	1672.40	
7530.00	18.90	13.10	7277.97	1620.46 N	489.26 E	0.75	1692.62	
7593.00	18.60	14.90	7337.62	1640.11 N	494.16 E	1.03	1712.85	
7656.00	18.10	15.90	7397.42	1659.23 N	499.42 E	0.94	1732.68	
7719.00	17.60	17.00	7457.39	1677.75 N	504.89 E	0.96	1751.99	
7736.00	17.60	17.08	7473.59	1682.66 N	506.39 E	0.15	1757.13	Top of Upper Penn
7781.00	17.60	17.30	7516.49	1695.66 N	510.41 E	0.15	1770.74	
7842.00	17.70	17.71	7574.61	1713.30 N	515.98 E	0.26	1789.23	
7903.00	17.70	17.36	7632.73	1730.98 N	521.57 E	0.17	1807.77	
7996.00	17.90	17.00	7721.28	1758.14 N	529.96 E	0.25	1836.19	
8027.00	18.02	17.36	7750.76	1767.28 N	532.79 E	0.53	1845.75	
8130.00	18.10	17.00	7848.69	1797.78 N	542.22 E	0.13	1877.68	
8202.00	17.34	17.25	7917.27	1818.73 N	548.67 E	1.06	1899.59	Base of Upper Penn
8244.00	16.90	17.40	7957.41	1830.53 N	552.35 E	1.06	1911.95	
8305.00	16.50	16.30	8015.84	1847.31 N	557.43 E	0.84	1929.48	

All data is in feet unless otherwise stated.
Coordinates from slot #1 and TVD from rotary table.
Bottom hole distance is 2648.20 on azimuth 16.86 degrees from wellhead.
Vertical section is from wellhead on azimuth 16.21 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ

