



ConocoPhillips

Adams County, Colorado

Reserve 3-65 35-34 1DH

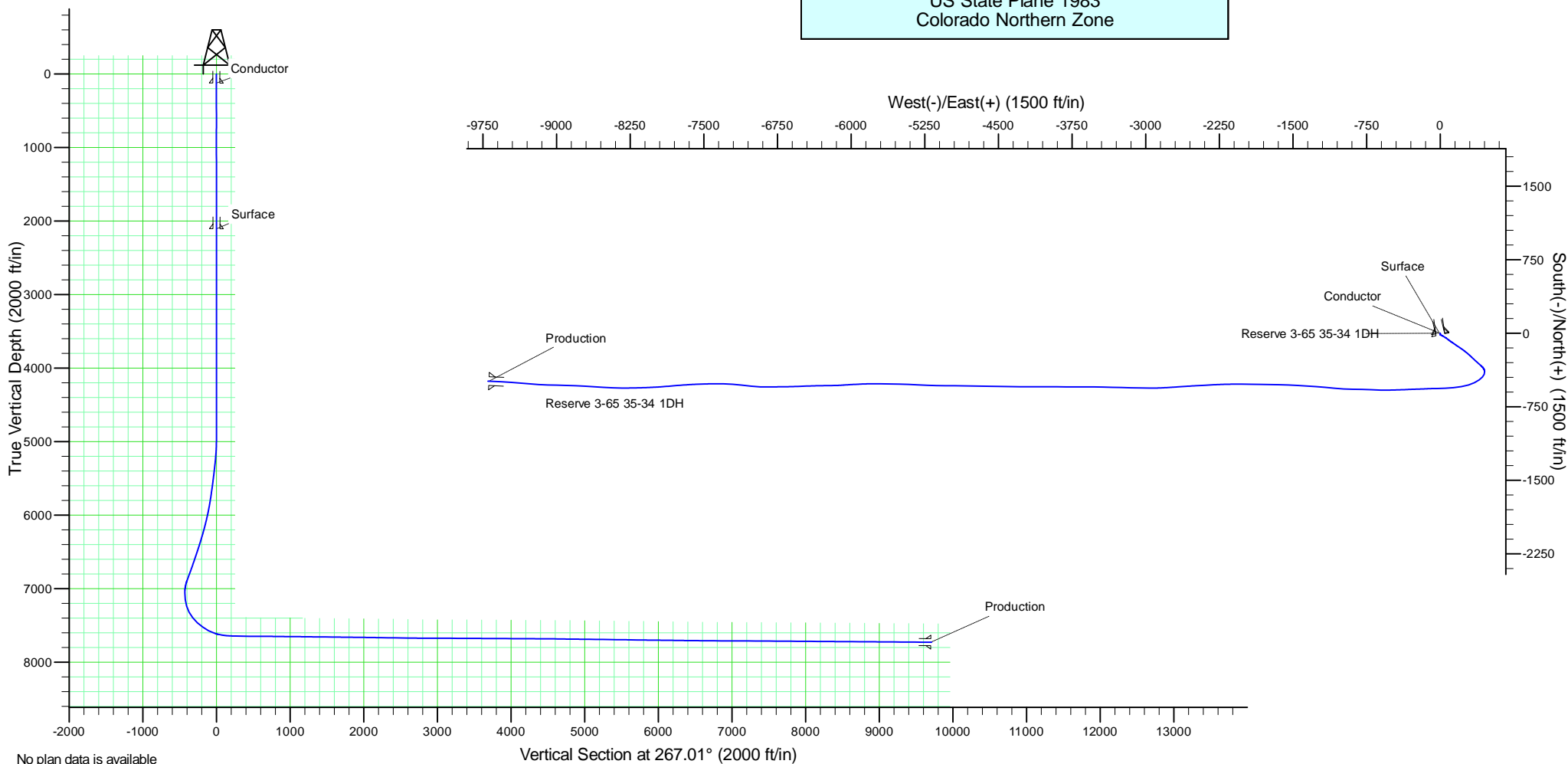
Reserve 3-65 35-34 1DH

Casing Depths

TVD	MD	Name	Size
125.00	125.00	Conductor	16
2106.59	2106.70	Surface	9-5/8
7728.58	17668.90	Production	5-1/2

Ground Level: 5505.90
Surface Location Latitude: 39° 45' 6.750 N
Surface Location Longitude: 104° 37' 25.400 W
North Reference: True
NBR B16 RKB @ 5531.50ft (NBR B16)

North American Datum 1983
GRS 1980
US State Plane 1983
Colorado Northern Zone



No plan data is available



Company:	Baker Hughes, a GE Company	Long:	104° 37' 25.4" W	GT:	9.799 (m/s2)
Customer/Operator:	ConocoPhillips	Lat:	39° 45' 6.75" N	BT:	51668 (nT)
Rig Name:	Nabors B16	Ref North:	True		
Rig Elev/Dat:	25.00 (ft) / GL	Mag Declination:	8.15 (deg) E		
Well:	Reserve_3-65_35-34_1DH	TAC:	8.15 (deg)		
Wellbore:	Reserve_3-65_35-34_1DH	Ver.Sec.Az:	267.01 (deg)		

Depth (ft)	Inclination (deg)	Azimuth (deg)	Temperature(degF)	True Vertical Depth(ft)	Northing(ft)	Easting(ft)	DLS(deg/100ft)	Vertical Section(ft)	Closure Distance(ft)	Course Length(ft)	Build Rate(deg/100ft)	Turn Rate(deg/100ft)
0.00	0.00	0.00	0.00									
25.00	0.00	0.00		25.00	0.00	0.00	0.00	0.00	0.00	25.00	0.00	0.00
87.02	0.68	167.28		87.02	-0.36	0.08	1.10	-0.06	0.37	62.02	1.10	269.72
182.04	0.48	182.13		182.03	-1.31	0.19	0.26	-0.12	1.32	95.02	-0.21	15.63
275.90	0.42	169.47		275.89	-2.04	0.24	0.12	-0.13	2.05	93.86	-0.06	-13.49
367.33	0.27	170.72		367.32	-2.58	0.33	0.16	-0.20	2.60	91.43	-0.16	1.37
457.08	0.19	220.87		457.07	-2.90	0.27	0.23	-0.12	2.91	89.75	-0.09	55.88
548.93	0.27	245.47		548.92	-3.11	-0.03	0.14	0.19	3.11	91.85	0.09	26.78
639.68	0.15	209.84		639.67	-3.30	-0.28	0.19	0.45	3.31	90.75	-0.13	-39.26
730.38	0.61	138.34		730.37	-3.76	-0.02	0.64	0.21	3.76	90.70	0.51	-78.83
820.48	0.88	148.08		820.46	-4.71	0.67	0.33	-0.42	4.75	90.10	0.30	10.81
911.52	0.73	179.85		911.49	-5.88	1.04	0.51	-0.73	5.97	91.04	-0.16	34.90
1001.90	1.13	187.12		1001.86	-7.34	0.93	0.46	-0.55	7.40	90.38	0.44	8.04
1092.69	1.00	190.57		1092.63	-9.01	0.67	0.16	-0.20	9.03	90.79	-0.14	3.80
1184.39	0.98	194.87		1184.32	-10.55	0.33	0.08	0.23	10.56	91.70	-0.02	4.69
1275.26	0.89	202.94		1275.18	-11.95	-0.15	0.18	0.77	11.95	90.87	-0.10	8.88
1366.10	0.48	188.98		1366.01	-12.98	-0.48	0.48	1.16	12.99	90.84	-0.45	-15.37
1457.16	0.46	199.71		1457.07	-13.70	-0.67	0.10	1.38	13.72	91.06	-0.02	11.78
1548.68	0.36	188.53		1548.58	-14.33	-0.83	0.14	1.58	14.35	91.52	-0.11	-12.22
1643.01	0.26	192.58		1642.91	-14.83	-0.92	0.11	1.70	14.86	94.33	-0.11	4.29
1736.99	0.21	98.81		1736.89	-15.07	-0.80	0.37	1.58	15.09	93.98	-0.05	-99.78
1830.98	0.31	129.78		1830.88	-15.26	-0.43	0.18	1.23	15.26	93.99	0.11	32.95
1925.60	0.41	127.36		1925.50	-15.62	0.03	0.11	0.78	15.62	94.62	0.11	-2.56
2020.16	0.37	167.96		2020.06	-16.13	0.36	0.29	0.48	16.13	94.56	-0.04	42.94
2049.68	0.35	159.45		2049.58	-16.31	0.42	0.19	0.44	16.31	29.52	-0.07	-28.83
2162.00	0.04	264.05	117.58	2161.90	-16.63	0.50	0.32	0.37	16.64	112.32	-0.28	93.13
2257.00	0.03	18.00	120.28	2256.90	-16.61	0.47	0.06	0.39	16.62	95.00	-0.01	119.95
2351.00	0.04	32.05	120.28	2350.90	-16.56	0.50	0.01	0.37	16.57	94.00	0.01	14.95
2446.00	0.03	154.61	122.98	2445.90	-16.55	0.53	0.06	0.34	16.56	95.00	-0.01	129.01
2540.00	0.04	355.51	122.98	2539.90	-16.54	0.53	0.07	0.33	16.55	94.00	0.01	-169.26
2635.00	0.04	173.57	125.69	2634.90	-16.54	0.53	0.08	0.33	16.55	95.00	0.00	187.43
2729.00	0.04	105.24	128.39	2728.90	-16.59	0.57	0.05	0.30	16.59	94.00	0.00	-72.69
2823.00	0.04	105.81	128.39	2822.90	-16.60	0.63	0.00	0.23	16.61	94.00	0.00	0.61
2918.00	0.04	314.64	128.39	2917.90	-16.59	0.64	0.08	0.22	16.60	95.00	0.00	-159.13
3012.00	0.04	100.76	131.09	3011.90	-16.57	0.65	0.08	0.21	16.58	94.00	0.00	155.45
3107.00	0.07	170.76	131.09	3106.90	-16.63	0.69	0.07	0.18	16.65	95.00	0.03	73.68
3201.00	0.03	279.51	131.09	3200.90	-16.69	0.68	0.09	0.19	16.70	94.00	-0.04	115.69
3295.00	0.10	340.68	133.80	3294.90	-16.61	0.63	0.10	0.24	16.62	94.00	0.07	65.07
3390.00	0.06	2.17	117.58	3389.90	-16.48	0.60	0.05	0.26	16.49	95.00	-0.04	22.62
3484.00	0.00	98.19	136.50	3483.90	-16.43	0.60	0.06	0.26	16.44	94.00	-0.06	102.15
3579.00	0.06	318.10	136.50	3578.90	-16.39	0.57	0.06	0.29	16.40	95.00	0.06	-147.46
3673.00	0.07	310.05	136.50	3672.90	-16.32	0.49	0.01	0.36	16.33	94.00	0.01	-8.56
3767.00	0.09	357.28	139.20	3766.89	-16.21	0.44	0.07	0.40	16.21	94.00	0.02	50.24
3861.00	0.04	357.84	139.20	3860.89	-16.10	0.44	0.05	0.40	16.11	94.00	-0.05	0.60
3955.00	0.15	0.34	95.95	3954.89	-15.95	0.44	0.12	0.39	15.95	94.00	0.12	2.66
4050.00	0.13	26.35	139.20	4049.89	-15.72	0.49	0.07	0.33	15.73	95.00	-0.02	27.38
4144.00	0.18	20.35	139.20	4143.89	-15.49	0.59	0.06	0.22	15.50	94.00	0.05	-6.38
4238.00	0.06	228.73	139.20	4237.89	-15.38	0.60	0.25	0.20	15.40	94.00	-0.13	-161.30
4333.00	0.03	148.21	139.20	4332.89	-15.44	0.58	0.07	0.23	15.45	95.00	-0.03	-84.76
4427.00	0.04	300.66	277.06	4426.89	-15.44	0.56	0.07	0.24	15.45	94.00	0.01	162.18
4522.00	0.07	288.54	141.91	4521.89	-15.41	0.48	0.03	0.33	15.41	95.00	0.03	-12.76
4616.00	0.06	257.35	141.91	4615.89	-15.40	0.38	0.04	0.43	15.40	94.00	-0.01	-33.18
4710.00	0.10	251.21	141.91	4709.89	-15.44	0.25	0.04	0.56	15.44	94.00	0.04	-6.53
4804.00	0.07	323.53	136.50	4803.89	-15.42	0.14	0.11	0.67	15.42	94.00	-0.03	76.94
4899.00	0.07	295.26	144.61	4898.89	-15.35	0.05	0.04	0.75	15.35	95.00	0.00	-29.76
4994.00	0.91	130.75	147.31	4993.89	-15.81	0.57	1.03	0.26	15.82	95.00	0.88	-173.17
5088.00	2.96	115.89	147.31	5087.83	-17.36	3.32	2.23	-2.41	17.68	94.00	2.18	-15.81
5182.00	4.82	114.56	150.02	5181.61	-20.06	9.10	1.98	-8.04	22.03	94.00	1.98	-1.41
5276.00	6.59	116.14	152.72	5275.14	-24.08	17.53	1.89	-16.25	29.79	94.00	1.88	1.68
5371.00	8.09	120.84	150.02	5369.36	-29.91	28.16	1.70	-26.57	41.08	95.00	1.58	4.95
5465.00	8.12	120.74	155.42	5462.42	-36.69	39.55	0.04	-37.58	53.95	94.00	0.03	-0.11
5559.00	8.81	122.82	158.12	5555.40	-43.99	51.30	0.80	-48.94	67.58	94.00	0.73	2.21
5654.00	10.28	126.21	158.12	5649.08	-52.94	64.26	1.66	-61.41	83.26	95.00	1.55	3.57
5748.00	11.04	127.63	160.83	5741.46	-63.39	78.15	0.86	-74.74	100.63	94.00	0.81	1.51
5842.00	12.28	126.44	163.53	5833.52	-74.82	93.32	1.34	-89.29	119.62	94.00	1.32	-1.27
5936.00	13.69	124.99	166.23	5925.11	-87.14	110.48	1.54	-105.78	140.71	94.00	1.50	-1.54



Company:	Baker Hughes, a GE Company	Long:	104° 37' 25.4" W	GT:	9.799 (m/s2)								
Customer/Operator:	ConocoPhillips	Lat:	39° 45' 6.75" N	BT:	51668 (nT)								
Rig Name:	Nabors 816	Ref North:	True										
Rig Elev/Dat:	25.00 (ft) / GL	Mag Declination:	8.15 (deg) E										
Well:	Reserve_3-65_35-34_1DH	TAC:	8.15 (deg)										
Wellbore:	Reserve_3-65_35-34_1DH	Ver.Sec.Az:	267.01 (deg)										
6031.00	16.07	124.41	166.23	6016.92	-101.02	130.54	2.51	-125.09	165.06	95.00	2.51	-0.61	
6125.00	17.19	124.56	168.94	6106.99	-116.25	152.71	1.19	-146.44	191.93	94.00	1.19	0.16	
6219.00	18.81	124.04	168.94	6196.38	-132.61	176.71	1.73	-169.55	220.94	94.00	1.72	-0.55	
6313.00	20.13	124.28	171.64	6285.00	-150.21	202.64	1.41	-194.53	252.24	94.00	1.40	0.26	
6408.00	21.86	126.12	174.34	6373.70	-169.84	230.43	1.95	-221.26	286.26	95.00	1.82	1.94	
6503.00	23.62	128.48	177.05	6461.31	-192.11	259.62	2.09	-249.25	322.97	95.00	1.85	2.48	
6597.00	25.12	130.97	177.05	6546.93	-216.92	289.43	1.93	-277.72	361.69	94.00	1.60	2.65	
6691.00	26.67	134.45	177.05	6631.50	-244.77	319.56	2.31	-306.36	402.53	94.00	1.65	3.70	
6786.00	26.52	132.30	179.75	6716.45	-273.98	350.47	1.03	-335.70	444.85	95.00	-0.16	-2.26	
6880.00	27.73	131.84	179.75	6800.11	-302.69	382.28	1.31	-365.97	487.61	94.00	1.29	-0.49	
6974.00	27.60	131.27	179.75	6883.36	-331.64	414.94	0.31	-397.08	531.19	94.00	-0.14	-0.61	
7069.00	21.15	148.13	182.45	6969.95	-360.78	440.59	9.93	-421.17	569.46	95.00	-6.79	17.75	
7164.00	18.28	176.20	182.45	7059.57	-390.27	450.65	10.31	-429.68	596.15	95.00	-3.02	29.55	
7258.00	18.47	202.18	185.16	7148.93	-418.82	446.00	8.65	-423.54	611.82	94.00	0.20	27.64	
7352.00	23.26	221.97	187.86	7236.85	-446.46	427.93	9.00	-404.06	618.42	94.00	5.10	21.05	
7446.00	32.21	232.32	187.86	7320.01	-475.64	395.61	10.78	-370.26	618.66	94.00	9.52	11.01	
7541.00	39.64	244.16	190.56	7396.98	-504.40	348.17	10.68	-321.39	612.90	95.00	7.82	12.46	
7635.00	48.73	252.72	190.56	7464.38	-528.04	287.27	11.55	-259.34	601.12	94.00	9.67	9.11	
7730.00	55.09	261.18	193.27	7523.02	-544.65	214.53	9.68	-185.83	585.38	95.00	6.69	8.91	
7824.00	61.93	264.82	193.27	7572.10	-554.32	135.03	7.99	-105.93	570.53	94.00	7.28	3.87	
7918.00	71.98	267.08	195.97	7608.86	-560.35	48.86	10.92	-19.57	562.48	94.00	10.69	2.40	
8012.00	80.85	269.11	193.27	7630.92	-563.36	-42.36	9.67	71.69	564.95	94.00	9.44	2.16	
8107.00	86.55	267.30	198.67	7641.34	-566.32	-136.70	6.29	166.05	582.59	95.00	6.00	-1.91	
8201.00	89.17	268.33	101.36	7644.85	-569.90	-230.56	2.99	259.97	614.77	94.00	2.79	1.10	
8295.00	89.20	267.30	204.08	7646.19	-573.49	-324.48	1.10	353.95	658.92	94.00	0.03	-1.10	
8390.00	89.20	268.24	204.08	7647.51	-577.18	-419.39	0.99	448.93	713.46	95.00	0.00	0.99	
8484.00	89.85	268.41	206.78	7648.29	-579.93	-513.35	0.71	542.90	774.50	94.00	0.69	0.18	
8578.00	90.15	271.97	206.78	7648.29	-579.62	-607.33	3.80	636.74	839.53	94.00	0.32	3.79	
8673.00	89.17	272.40	206.78	7648.86	-576.00	-702.26	1.13	731.35	908.26	95.00	-1.03	0.45	
8767.00	89.29	271.19	209.48	7650.12	-573.05	-796.21	1.29	825.01	980.99	94.00	0.13	-1.29	
8861.00	89.23	270.40	212.19	7651.33	-571.75	-890.19	0.84	918.80	1057.98	94.00	-0.06	-0.84	
8956.00	89.75	273.50	212.19	7652.18	-568.52	-985.12	3.31	1013.43	1137.40	95.00	0.55	3.26	
9050.00	89.45	275.95	212.19	7652.83	-560.77	-1078.79	2.63	1106.57	1215.83	94.00	-0.32	2.61	
9144.00	89.14	275.02	214.89	7653.99	-551.79	-1172.35	1.04	1199.54	1295.71	94.00	-0.33	-0.99	
9239.00	89.26	273.80	214.89	7655.32	-544.49	-1267.06	1.29	1293.73	1379.09	95.00	0.13	-1.28	
9333.00	89.72	273.59	217.59	7656.15	-538.43	-1360.86	0.54	1387.09	1463.50	94.00	0.49	-0.22	
9428.00	89.42	272.89	217.59	7656.87	-533.06	-1455.70	0.80	1481.53	1550.23	95.00	-0.32	-0.74	
9522.00	89.45	272.65	217.59	7657.79	-528.52	-1549.59	0.26	1575.05	1637.24	94.00	0.03	-0.26	
9617.00	89.05	271.88	220.30	7659.04	-524.76	-1644.51	0.91	1669.64	1726.20	95.00	-0.42	-0.81	
9711.00	89.20	270.72	223.00	7660.47	-522.63	-1738.47	1.24	1763.36	1815.33	94.00	0.16	-1.23	
9806.00	89.75	270.10	225.70	7661.34	-521.95	-1833.46	0.87	1858.19	1906.31	95.00	0.58	-0.65	
9900.00	89.11	271.55	225.70	7662.28	-520.60	-1927.44	1.69	1951.98	1996.51	94.00	-0.68	1.54	
9994.00	89.29	270.42	223.00	7663.59	-518.98	-2021.42	1.22	2045.74	2086.98	94.00	0.19	-1.20	
10089.00	89.05	269.26	225.70	7664.97	-519.25	-2116.41	1.25	2140.61	2179.17	95.00	-0.25	-1.22	
10183.00	89.17	268.19	228.41	7666.43	-521.34	-2210.37	1.15	2234.56	2271.02	94.00	0.13	-1.14	
10277.00	89.08	266.96	225.70	7667.86	-525.32	-2304.27	1.31	2328.54	2363.39	94.00	-0.10	-1.31	
10371.00	89.26	266.97	225.70	7669.23	-530.29	-2398.13	0.19	2422.53	2456.06	94.00	0.19	0.01	
10465.00	89.17	266.70	228.41	7670.51	-535.48	-2491.98	0.30	2516.52	2548.86	94.00	-0.10	-0.29	
10560.00	89.23	266.20	228.41	7671.84	-541.36	-2586.79	0.53	2611.51	2642.83	95.00	0.06	-0.53	
10654.00	89.26	266.07	220.30	7673.08	-547.70	-2680.57	0.14	2705.49	2735.95	94.00	0.03	-0.14	
10748.00	89.82	266.64	225.70	7673.83	-553.67	-2774.37	0.85	2799.48	2829.08	94.00	0.60	0.61	
10843.00	90.00	267.70	228.41	7673.98	-558.36	-2869.26	1.13	2894.47	2923.08	95.00	0.19	1.12	
10938.00	89.75	270.74	231.11	7674.19	-559.66	-2964.23	3.21	2989.39	3016.60	95.00	-0.26	3.20	
11032.00	89.63	271.22	231.11	7674.70	-558.05	-3058.22	0.53	3083.16	3108.72	94.00	-0.13	0.51	
11126.00	89.63	271.56	231.11	7675.30	-555.77	-3152.19	0.36	3176.89	3200.81	94.00	0.00	0.36	
11220.00	89.60	271.40	233.81	7675.94	-553.34	-3246.16	0.17	3270.60	3292.98	94.00	-0.03	-0.17	
11315.00	89.78	271.29	236.52	7676.45	-551.11	-3341.13	0.22	3365.33	3386.28	95.00	0.19	-0.12	
11409.00	89.72	271.13	236.52	7676.86	-549.13	-3435.11	0.18	3459.07	3478.72	94.00	-0.06	-0.17	
11503.00	89.85	270.16	236.52	7677.21	-548.07	-3529.10	1.04	3552.88	3571.40	94.00	0.14	-1.03	
11597.00	89.63	270.20	236.52	7677.64	-547.77	-3623.10	0.24	3646.74	3664.27	94.00	-0.23	0.04	
11692.00	89.60	270.35	236.52	7678.28	-547.32	-3718.09	0.16	3741.58	3758.16	95.00	-0.03	0.16	
11786.00	89.78	270.48	239.22	7678.79	-546.64	-3812.09	0.24	3835.41	3851.08	94.00	0.19	0.14	
11880.00	89.69	270.17	239.22	7679.22	-546.10	-3906.09	0.34	3929.26	3944.08	94.00	-0.10	-0.33	
11975.00	89.75	269.86	239.22	7679.69	-546.08	-4001.09	0.33	4024.12	4038.18	95.00	0.06	-0.33	
12069.00	89.78	270.18	241.92	7680.07	-546.05	-4095.09	0.34	4117.99	4131.33	94.00	0.03	0.34	
12163.00	89.66	270.28	241.92	7680.53	-545.67	-4189.08	0.17	4211.84	4224.47	94.00	-0.13	0.11	
12257.00	89.57	270.31	241.92	7681.16	-545.18	-4283.08	0.10	4305.69	4317.64	94.00	-0.10	0.03	
12351.00	89.72	270.98	241.92	7681.74	-544.13	-4377.07	0.73	4399.50	4410.76	94.00	0.16	0.71	



Company:	Baker Hughes, a GE Company	Long:	104° 37' 25.4" W	GT:	9.799 (m/s2)								
Customer/Operator:	ConocoPhillips	Lat:	39° 45' 6.75" N	BT:	51668 (nT)								
Rig Name:	Nabors B16	Ref North:	True										
Rig Elev/Dat:	25.00 (ft) / GL	Mag Declination:	8.15 (deg) E										
Well:	Reserve_3-65_35-34_1DH	TAC:	8.15 (deg)										
Wellbore:	Reserve_3-65_35-34_1DH	Ver.Sec.Az:	267.01 (deg)										
12446.00	89.75	270.88	241.92	7682.18	-542.58	-4472.06	0.11	4494.27	4504.85	95.00	0.03	-0.11	
12540.00	89.20	271.04	241.92	7683.05	-541.01	-4566.04	0.61	4588.04	4597.98	94.00	-0.59	0.17	
12635.00	89.08	271.02	244.62	7684.47	-539.30	-4661.01	0.13	4682.80	4692.11	95.00	-0.13	-0.02	
12729.00	89.38	270.92	244.62	7685.73	-537.71	-4754.99	0.34	4776.57	4785.30	94.00	0.32	-0.11	
12824.00	89.38	270.85	244.62	7686.76	-536.24	-4849.98	0.07	4871.34	4879.53	95.00	0.00	-0.07	
12918.00	89.14	270.18	247.33	7687.98	-535.40	-4943.96	0.76	4965.16	4972.87	94.00	-0.26	-0.71	
13013.00	89.32	270.30	247.33	7689.25	-535.00	-5038.95	0.23	5060.00	5067.28	95.00	0.19	0.13	
13107.00	89.42	270.33	247.33	7690.29	-534.48	-5132.95	0.11	5153.84	5160.70	94.00	0.11	0.03	
13201.00	89.38	273.37	247.33	7691.27	-531.45	-5226.88	3.23	5247.49	5253.83	94.00	-0.04	3.23	
13296.00	89.29	273.40	247.33	7692.37	-525.84	-5321.71	0.10	5341.89	5347.63	95.00	-0.09	0.03	
13390.00	89.23	272.22	247.33	7693.59	-521.23	-5415.59	1.26	5435.40	5440.61	94.00	-0.06	-1.26	
13484.00	89.32	270.94	247.33	7694.78	-518.64	-5509.54	1.36	5529.09	5533.90	94.00	0.10	-1.36	
13578.00	89.11	270.51	247.33	7696.07	-517.45	-5603.53	0.51	5622.89	5627.37	94.00	-0.22	-0.46	
13673.00	89.11	270.75	247.33	7697.54	-516.41	-5698.51	0.25	5717.69	5721.86	95.00	0.00	0.25	
13768.00	89.17	269.84	250.03	7698.97	-515.92	-5793.49	0.96	5812.52	5816.42	95.00	0.06	-0.96	
13862.00	89.32	267.57	250.03	7700.21	-518.04	-5887.46	2.42	5906.46	5910.20	94.00	0.16	-2.41	
13956.00	89.57	267.01	250.03	7701.12	-522.49	-5981.35	0.65	6000.46	6004.12	94.00	0.27	-0.60	
14051.00	89.26	265.74	250.03	7702.09	-528.49	-6076.15	1.38	6095.44	6099.09	95.00	-0.33	-1.34	
14145.00	89.35	269.01	250.03	7703.23	-532.80	-6170.03	3.48	6189.42	6192.99	94.00	0.10	3.48	
14240.00	89.23	269.25	260.84	7704.40	-534.24	-6265.01	0.28	6284.35	6287.75	95.00	-0.13	0.25	
14334.00	89.11	268.53	252.73	7705.77	-536.06	-6358.98	0.78	6378.29	6381.54	94.00	-0.13	-0.77	
14428.00	89.66	268.06	252.73	7706.77	-538.86	-6452.94	0.77	6472.26	6475.40	94.00	0.59	-0.50	
14523.00	89.51	267.85	252.73	7707.46	-542.25	-6547.87	0.27	6567.24	6570.29	95.00	-0.16	-0.22	
14617.00	89.51	268.50	252.73	7708.27	-545.24	-6641.82	0.69	6661.22	6664.16	94.00	0.00	0.69	
14712.00	89.57	269.96	252.73	7709.03	-546.52	-6736.81	1.54	6756.14	6758.94	95.00	0.06	1.54	
14806.00	89.54	268.54	236.52	7709.76	-547.75	-6830.79	1.51	6850.07	6852.72	94.00	-0.03	-1.51	
14900.00	90.40	272.27	309.50	7709.81	-547.08	-6924.78	4.07	6943.88	6946.35	94.00	0.91	3.97	
14994.00	89.85	276.70	255.44	7709.60	-539.73	-7018.46	4.75	7037.06	7039.19	94.00	-0.59	4.71	
15089.00	89.54	276.55	255.44	7710.11	-528.77	-7112.83	0.36	7130.73	7132.46	95.00	-0.33	-0.16	
15183.00	89.54	273.56	255.44	7710.86	-520.49	-7206.45	3.18	7223.79	7225.22	94.00	0.00	-3.18	
15277.00	89.57	271.39	255.44	7711.59	-516.43	-7300.35	2.31	7317.35	7318.60	94.00	0.03	-2.31	
15372.00	89.51	269.67	258.14	7712.36	-515.56	-7395.34	1.81	7412.17	7413.29	95.00	-0.06	-1.81	
15466.00	89.54	268.01	255.44	7713.14	-517.46	-7489.32	1.77	7506.11	7507.17	94.00	0.03	-1.77	
15561.00	89.63	267.88	258.14	7713.82	-520.86	-7584.25	0.17	7601.10	7602.12	95.00	0.09	-0.14	
15655.00	89.57	265.84	258.14	7714.48	-526.01	-7678.10	2.17	7695.09	7696.10	94.00	-0.06	-2.17	
15749.00	89.66	265.64	258.14	7715.11	-533.00	-7771.84	0.23	7789.06	7790.10	94.00	0.10	-0.21	
15843.00	89.57	265.09	258.14	7715.74	-540.59	-7865.53	0.59	7883.02	7884.09	94.00	-0.10	-0.59	
15937.00	89.63	266.18	260.84	7716.40	-547.75	-7959.26	1.16	7976.99	7978.08	94.00	0.06	1.16	
16031.00	89.63	267.64	260.84	7717.01	-552.81	-8053.11	1.55	8070.99	8072.07	94.00	0.00	1.55	
16126.00	89.63	268.38	260.84	7717.62	-556.11	-8148.05	0.78	8165.97	8167.01	95.00	0.00	0.78	
16220.00	89.48	268.99	260.84	7718.35	-558.27	-8242.03	0.67	8259.93	8260.91	94.00	-0.16	0.65	
16314.00	89.60	270.19	260.84	7719.11	-558.94	-8336.02	1.28	8353.83	8354.74	94.00	0.13	1.28	
16409.00	89.72	272.25	260.84	7719.67	-556.92	-8430.99	2.17	8448.56	8449.36	95.00	0.13	2.17	
16503.00	89.57	273.46	258.14	7720.25	-552.24	-8524.87	1.30	8542.07	8542.74	94.00	-0.16	1.29	
16597.00	89.57	274.17	260.84	7720.96	-545.98	-8618.66	0.76	8635.41	8635.94	94.00	0.00	0.76	
16691.00	89.63	273.20	263.55	7721.61	-539.94	-8712.46	1.03	8728.76	8729.18	94.00	0.06	-1.03	
16786.00	89.63	272.51	263.55	7722.23	-535.21	-8807.34	0.73	8823.27	8823.59	95.00	0.00	-0.73	
16880.00	89.45	271.22	263.55	7722.98	-532.15	-8901.29	1.39	8916.93	8917.18	94.00	-0.19	-1.37	
16974.00	89.60	271.38	266.25	7723.76	-530.02	-8995.26	0.23	9010.66	9010.86	94.00	0.16	0.17	
17069.00	89.63	272.05	263.55	7724.40	-527.17	-9090.21	0.71	9105.34	9105.49	95.00	0.03	0.71	
17163.00	89.60	273.45	266.25	7725.03	-522.67	-9184.10	1.49	9198.86	9198.96	94.00	-0.03	1.49	
17257.00	89.60	274.88	266.25	7725.69	-515.84	-9277.85	1.52	9292.12	9292.18	94.00	0.00	1.52	
17351.00	89.60	274.48	266.25	7726.34	-508.17	-9371.53	0.43	9385.28	9385.30	94.00	0.00	-0.43	
17446.00	89.63	274.17	266.25	7726.98	-501.01	-9466.26	0.33	9479.51	9479.51	95.00	0.03	-0.33	
17540.00	89.57	272.75	263.55	7727.64	-495.33	-9560.08	1.51	9572.91	9572.91	94.00	-0.06	-1.51	
17634.00	89.57	272.52	268.95	7728.34	-491.01	-9653.98	0.24	9666.45	9666.46	94.00	0.00	-0.24	
17679.00	89.57	272.52		7728.68	-489.03	-9698.94	0.00	9711.24	9711.26	45.00	0.00	0.00	