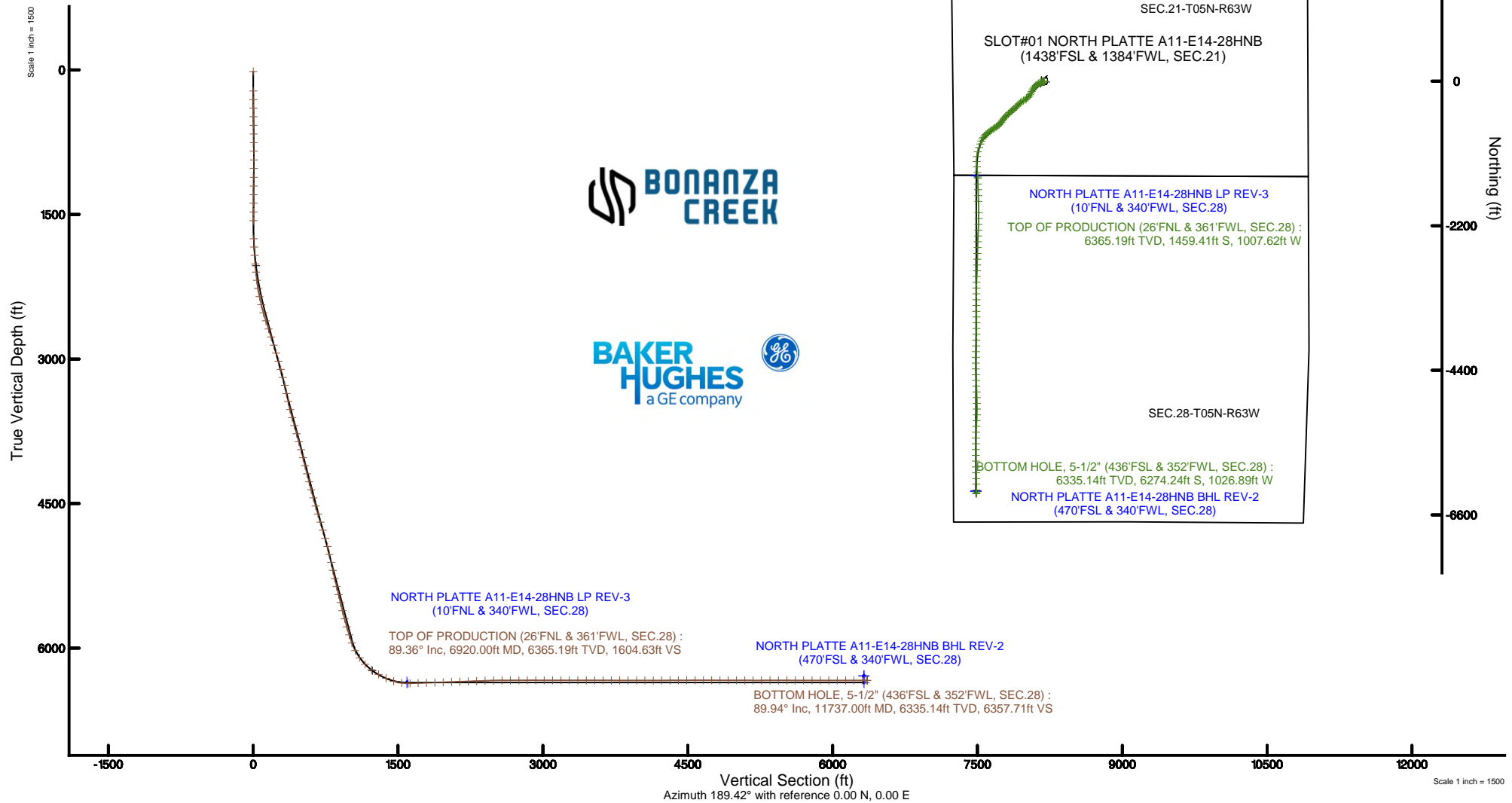


# BONANZA CREEK OIL COMPANY

Location:	COLORADO	Slot:	SLOT#01 NORTH PLATTE A11-E14-28HNB (1438'FSL & 1384'FWL, SEC.21)
Field:	WELD COUNTY	Well:	NORTH PLATTE A11-E14-28HNB
Facility:	SEC.21-T05N-R63W	Wellbore:	NORTH PLATTE A11-E14-28HNB PWB
Plot reference wellpath is NORTH PLATTE A11-E14-28HNB (REV-E.0) PWP			
True vertical depths are referenced to RIG (17KB) (RKB)		Grid System: NAD83 / Lambert Colorado SP, Northern Zone (501), US feet	
Measured depths are referenced to RIG (17KB) (RKB)		North Reference: True north	
RIG (17KB) (RKB) to Mean Sea Level: 4570 feet		Scale: True distance	
Mean Sea Level to Ground level (At Slot: SLOT#01 NORTH PLATTE A11-E14-28HNB (1438'FSL & 1384'FWL, SEC.21)): 0 feet		Depths are in feet	
Coordinates are in feet referenced to Slot		Created by: bushjanh on 2018-11-26	
		Database: Denver	





# Actual Wellpath Report

## NORTH PLATTE A11-E14-28HNB AWP

Page 1 of 9



REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#01 NORTH PLATTE A11-E14-28HNB (1438'FSL & 1384'FWL, SEC.21)
Area	COLORADO	Well	NORTH PLATTE A11-E14-28HNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE A11-E14-28HNB AWB
Facility	SEC.21-T05N-R63W		

REPORT SETUP INFORMATION			
Projection System	NAD83 / Lambert Colorado SP, Northern Zone (501), US feet	Software System	WellArchitect® 5.1
North Reference	True	User	Bushjamh
Scale	0.999959	Report Generated	11/26/2018 at 1:04:45 PM
Convergence at slot	0.68° East	Database/Source file	Denver/NORTH_PLATTE_A11-E14-28HNB_AWP.xml

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-0.00	0.00	3293751.29	1383634.15	40°22'54.059"N	104°26'43.933"W
Facility Reference Pt			3293751.29	1383634.15	40°22'54.059"N	104°26'43.933"W
Field Reference Pt			3224525.77	1254425.87	40°01'44.400"N	104°41'53.556"W

WELLPATH DATUM			
Calculation method	Minimum curvature	RIG (17'KB) (RKB) to Facility Vertical Datum	4570.00ft
Horizontal Reference Pt	Slot	RIG (17'KB) (RKB) to Mean Sea Level	4570.00ft
Vertical Reference Pt	RIG (17'KB) (RKB)	RIG (17'KB) (RKB) to Ground Level at Slot (SLOT#01 NORTH PLATTE A11-E14-28HNB (1438'FSL & 1384'FWL, SEC.21))	4570.00ft
MD Reference Pt	RIG (17'KB) (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	189.42°



# Actual Wellpath Report

NORTH PLATTE A11-E14-28HNB AWP

Page 2 of 9

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HUGHES**  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#01 NORTH PLATTE A11-E14-28HNB (1438'FSL & 1384'FWL, SEC.21)
Area	COLORADO	Well	NORTH PLATTE A11-E14-28HNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE A11-E14-28HNB AWB
Facility	SEC.21-T05N-R63W		

## WELLPATH DATA (135 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00†	0.000	221.830	0.00	0.00	0.00	0.00	40°22'54.059"N	104°26'43.933"W	0.00	
17.00	0.000	221.830	17.00	0.00	0.00	0.00	40°22'54.059"N	104°26'43.933"W	0.00	
219.00	0.530	221.830	219.00	0.79	-0.70	-0.62	40°22'54.052"N	104°26'43.941"W	0.26	
309.00	0.600	210.960	308.99	1.58	-1.41	-1.14	40°22'54.045"N	104°26'43.948"W	0.14	
396.00	0.510	150.060	395.99	2.30	-2.14	-1.18	40°22'54.038"N	104°26'43.949"W	0.65	
486.00	0.610	131.140	485.99	2.86	-2.80	-0.62	40°22'54.031"N	104°26'43.941"W	0.23	
575.00	1.090	173.080	574.98	3.92	-3.95	-0.16	40°22'54.020"N	104°26'43.935"W	0.85	
665.00	0.480	206.610	664.97	5.11	-5.14	-0.23	40°22'54.008"N	104°26'43.936"W	0.82	
755.00	0.410	238.020	754.96	5.68	-5.65	-0.67	40°22'54.003"N	104°26'43.942"W	0.28	
843.00	0.440	211.060	842.96	6.20	-6.10	-1.11	40°22'53.999"N	104°26'43.948"W	0.23	
934.00	0.220	51.620	933.96	6.40	-6.29	-1.16	40°22'53.997"N	104°26'43.948"W	0.71	
1023.00	0.130	25.340	1022.96	6.17	-6.10	-0.98	40°22'53.999"N	104°26'43.946"W	0.13	
1114.00	0.650	4.260	1113.96	5.56	-5.49	-0.90	40°22'54.005"N	104°26'43.945"W	0.58	
1206.00	0.520	43.130	1205.95	4.69	-4.66	-0.57	40°22'54.013"N	104°26'43.941"W	0.44	
1295.00	0.630	19.810	1294.95	3.88	-3.91	-0.13	40°22'54.020"N	104°26'43.935"W	0.29	
1383.00	0.160	135.990	1382.95	3.47	-3.54	0.12	40°22'54.024"N	104°26'43.932"W	0.81	
1474.00	0.650	330.610	1473.95	3.15	-3.18	-0.05	40°22'54.027"N	104°26'43.934"W	0.89	
1565.00	0.510	30.160	1564.94	2.37	-2.38	-0.10	40°22'54.035"N	104°26'43.934"W	0.65	
1752.00	3.430	238.710	1751.84	5.24	-4.57	-4.46	40°22'54.014"N	104°26'43.991"W	2.08	
1839.00	6.040	247.090	1838.54	9.38	-7.70	-10.90	40°22'53.983"N	104°26'44.074"W	3.10	
1926.00	7.970	253.310	1924.89	14.49	-11.22	-20.90	40°22'53.948"N	104°26'44.203"W	2.38	
2015.00	10.140	254.080	2012.77	20.55	-15.14	-34.34	40°22'53.909"N	104°26'44.377"W	2.44	
2102.00	11.620	249.600	2098.21	28.19	-20.29	-49.92	40°22'53.858"N	104°26'44.578"W	1.96	
2189.00	12.880	246.610	2183.23	37.80	-27.20	-67.03	40°22'53.790"N	104°26'44.799"W	1.62	
2275.00	14.470	241.460	2266.79	49.60	-36.14	-85.27	40°22'53.702"N	104°26'45.035"W	2.33	
2364.00	15.850	233.150	2352.70	65.23	-48.74	-104.77	40°22'53.577"N	104°26'45.287"W	2.89	
2451.00	17.230	225.150	2436.11	84.28	-64.96	-123.41	40°22'53.417"N	104°26'45.528"W	3.06	
2540.00	18.500	222.360	2520.82	106.83	-84.69	-142.27	40°22'53.222"N	104°26'45.772"W	1.72	
2628.00	19.130	214.920	2604.13	131.56	-106.83	-159.94	40°22'53.003"N	104°26'46.000"W	2.82	
2717.00	19.270	206.990	2688.19	158.73	-131.88	-174.95	40°22'52.756"N	104°26'46.194"W	2.93	



# Actual Wellpath Report

NORTH PLATTE A11-E14-28HNB AWP

Page 3 of 9



## REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#01 NORTH PLATTE A11-E14-28HNB (1438'FSL & 1384'FWL, SEC.21)
Area	COLORADO	Well	NORTH PLATTE A11-E14-28HNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE A11-E14-28HNB AWB
Facility	SEC.21-T05N-R63W		

## WELLPATH DATA (135 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
2805.00	17.970	201.630	2771.59	185.84	-157.44	-186.55	40°22'52.503"N	104°26'46.344"W	2.44	
2894.00	18.220	206.500	2856.19	212.56	-182.65	-197.82	40°22'52.254"N	104°26'46.489"W	1.72	
2981.00	17.980	211.150	2938.89	238.04	-206.32	-210.83	40°22'52.020"N	104°26'46.658"W	1.68	
3069.00	17.390	217.220	3022.74	262.29	-228.42	-225.82	40°22'51.802"N	104°26'46.851"W	2.20	
3158.00	18.670	226.290	3107.38	285.46	-248.86	-244.16	40°22'51.600"N	104°26'47.088"W	3.46	
3246.00	18.290	228.790	3190.85	307.40	-267.69	-264.73	40°22'51.414"N	104°26'47.354"W	1.00	
3332.00	17.610	237.520	3272.68	326.52	-283.57	-285.86	40°22'51.257"N	104°26'47.627"W	3.22	
3421.00	19.010	243.120	3357.17	344.10	-297.35	-310.15	40°22'51.120"N	104°26'47.941"W	2.52	
3509.00	18.630	239.020	3440.47	361.69	-311.07	-334.99	40°22'50.985"N	104°26'48.262"W	1.56	
3597.00	18.810	231.350	3523.83	381.36	-327.17	-358.12	40°22'50.826"N	104°26'48.561"W	2.80	
3685.00	18.730	225.270	3607.16	403.37	-345.97	-379.24	40°22'50.640"N	104°26'48.834"W	2.22	
3773.00	18.530	222.860	3690.55	426.49	-366.17	-398.79	40°22'50.440"N	104°26'49.086"W	0.90	
3862.00	18.660	222.200	3774.90	450.26	-387.08	-417.97	40°22'50.234"N	104°26'49.334"W	0.28	
3950.00	18.550	225.090	3858.31	473.47	-407.39	-437.34	40°22'50.033"N	104°26'49.584"W	1.06	
4037.00	18.500	229.140	3940.80	495.33	-426.19	-457.58	40°22'49.847"N	104°26'49.846"W	1.48	
4125.00	18.180	231.090	4024.33	516.32	-443.95	-478.83	40°22'49.672"N	104°26'50.120"W	0.79	
4212.00	18.380	230.120	4106.94	536.86	-461.27	-499.91	40°22'49.501"N	104°26'50.393"W	0.42	
4300.00	18.320	230.070	4190.47	557.87	-479.04	-521.16	40°22'49.325"N	104°26'50.667"W	0.07	
4388.00	18.120	227.710	4274.06	579.10	-497.13	-541.89	40°22'49.146"N	104°26'50.935"W	0.87	
4475.00	18.190	225.960	4356.73	600.63	-515.67	-561.66	40°22'48.963"N	104°26'51.191"W	0.63	
4564.00	18.350	223.990	4441.24	623.33	-535.41	-581.38	40°22'48.768"N	104°26'51.446"W	0.72	
4653.00	18.220	219.400	4525.75	646.91	-556.24	-599.94	40°22'48.562"N	104°26'51.685"W	1.62	
4740.00	18.380	216.180	4608.35	670.94	-577.82	-616.67	40°22'48.349"N	104°26'51.902"W	1.18	
4828.00	18.420	213.280	4691.86	696.05	-600.64	-632.49	40°22'48.123"N	104°26'52.106"W	1.04	
4917.00	18.290	213.930	4776.33	721.61	-623.98	-648.00	40°22'47.893"N	104°26'52.306"W	0.27	
5006.00	17.540	220.100	4861.02	745.85	-645.83	-664.44	40°22'47.677"N	104°26'52.519"W	2.29	
5094.00	17.960	228.740	4944.85	767.76	-664.93	-683.18	40°22'47.488"N	104°26'52.761"W	3.03	
5181.00	18.250	233.410	5027.54	787.94	-681.89	-704.20	40°22'47.320"N	104°26'53.033"W	1.70	
5268.00	18.070	236.150	5110.21	806.99	-697.53	-726.35	40°22'47.166"N	104°26'53.319"W	1.00	
5356.00	18.300	238.850	5193.82	825.33	-712.28	-749.51	40°22'47.020"N	104°26'53.618"W	0.99	



# Actual Wellpath Report

## NORTH PLATTE A11-E14-28HNB AWP

Page 4 of 9



### REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#01 NORTH PLATTE A11-E14-28HNB (1438'FSL & 1384'FWL, SEC.21)
Area	COLORADO	Well	NORTH PLATTE A11-E14-28HNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE A11-E14-28HNB AWB
Facility	SEC.21-T05N-R63W		

### WELLPATH DATA (135 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
5444.00	18.480	233.810	5277.33	844.28	-727.66	-772.59	40°22'46.868"N	104°26'53.916"W	1.82	
5532.00	18.550	232.500	5360.77	864.47	-744.42	-794.95	40°22'46.703"N	104°26'54.205"W	0.48	
5620.00	18.520	234.840	5444.21	884.50	-760.99	-817.48	40°22'46.539"N	104°26'54.496"W	0.85	
5708.00	18.220	233.150	5527.73	904.25	-777.29	-839.92	40°22'46.378"N	104°26'54.786"W	0.69	
5796.00	18.480	230.960	5611.25	924.63	-794.32	-861.76	40°22'46.209"N	104°26'55.068"W	0.84	
5884.00	18.440	226.190	5694.73	946.22	-812.74	-882.63	40°22'46.027"N	104°26'55.338"W	1.72	
5972.00	18.380	220.960	5778.23	969.19	-832.86	-901.77	40°22'45.829"N	104°26'55.585"W	1.88	
6061.00	18.510	215.180	5862.67	993.88	-855.00	-919.11	40°22'45.610"N	104°26'55.809"W	2.06	
6150.00	20.650	207.880	5946.53	1021.49	-880.43	-934.60	40°22'45.359"N	104°26'56.009"W	3.65	
6238.00	28.000	201.100	6026.68	1056.50	-913.47	-949.31	40°22'45.032"N	104°26'56.200"W	8.92	
6325.00	36.270	200.380	6100.28	1101.84	-956.72	-965.65	40°22'44.605"N	104°26'56.411"W	9.52	
6413.00	45.030	198.610	6166.99	1158.24	-1010.73	-984.69	40°22'44.071"N	104°26'56.657"W	10.04	
6501.00	53.570	195.130	6224.33	1224.32	-1074.53	-1003.90	40°22'43.440"N	104°26'56.905"W	10.15	
6589.00	60.440	188.060	6272.26	1297.97	-1146.75	-1018.54	40°22'42.727"N	104°26'57.094"W	10.31	
6677.00	65.310	178.380	6312.45	1375.66	-1224.80	-1022.79	40°22'41.955"N	104°26'57.149"W	11.24	
6764.00	72.880	174.590	6343.48	1454.78	-1305.84	-1017.74	40°22'41.155"N	104°26'57.084"W	9.60	
6851.00	83.770	176.730	6361.06	1537.41	-1390.67	-1011.33	40°22'40.316"N	104°26'57.001"W	12.75	
6920.00†	89.360	177.087	6365.19	1604.63	-1459.41	-1007.62	40°22'39.637"N	104°26'56.953"W	8.12	TOP OF PRODUCTION (26'FNL & 361'FWL, SEC.28)
6940.00	90.980	177.190	6365.13	1624.17	-1479.39	-1006.62	40°22'39.440"N	104°26'56.940"W	8.12	
7026.00	91.970	177.860	6362.92	1708.29	-1565.28	-1002.91	40°22'38.591"N	104°26'56.892"W	1.39	
7113.00	92.000	178.290	6359.91	1793.54	-1652.18	-999.99	40°22'37.732"N	104°26'56.854"W	0.50	
7202.00	92.030	178.930	6356.78	1880.91	-1741.10	-997.83	40°22'36.854"N	104°26'56.826"W	0.72	
7290.00	91.850	178.510	6353.80	1967.33	-1829.02	-995.87	40°22'35.985"N	104°26'56.801"W	0.52	
7378.00	91.970	178.590	6350.87	2053.70	-1916.95	-993.64	40°22'35.116"N	104°26'56.772"W	0.16	
7465.00	92.030	179.880	6347.83	2139.28	-2003.88	-992.48	40°22'34.257"N	104°26'56.757"W	1.48	
7554.00	91.970	181.020	6344.72	2227.14	-2092.82	-993.18	40°22'33.378"N	104°26'56.766"W	1.28	
7641.00	92.060	181.770	6341.66	2313.23	-2179.74	-995.30	40°22'32.519"N	104°26'56.793"W	0.87	
7729.00	92.130	182.090	6338.45	2400.42	-2267.64	-998.26	40°22'31.651"N	104°26'56.831"W	0.37	
7818.00	91.600	183.280	6335.55	2488.76	-2356.49	-1002.43	40°22'30.773"N	104°26'56.885"W	1.46	
7906.00	89.780	181.500	6334.49	2576.08	-2444.40	-1006.09	40°22'29.904"N	104°26'56.933"W	2.89	



# Actual Wellpath Report

## NORTH PLATTE A11-E14-28HNB AWP

Page 5 of 9



### REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#01 NORTH PLATTE A11-E14-28HNB (1438'FSL & 1384'FWL, SEC.21)
Area	COLORADO	Well	NORTH PLATTE A11-E14-28HNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE A11-E14-28HNB AWB
Facility	SEC.21-T05N-R63W		

### WELLPATH DATA (135 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
7994.00	90.310	181.330	6334.42	2663.23	-2532.37	-1008.27	40°22'29.035"N	104°26'56.961"W	0.63	
8083.00	90.310	181.160	6333.94	2751.32	-2621.35	-1010.20	40°22'28.155"N	104°26'56.986"W	0.19	
8171.00	90.370	181.490	6333.42	2838.44	-2709.32	-1012.24	40°22'27.286"N	104°26'57.012"W	0.38	
8260.00	89.690	181.720	6333.37	2926.62	-2798.29	-1014.73	40°22'26.407"N	104°26'57.044"W	0.81	
8348.00	89.780	182.230	6333.78	3013.87	-2886.23	-1017.76	40°22'25.538"N	104°26'57.083"W	0.59	
8435.00	89.940	182.180	6333.99	3100.19	-2973.17	-1021.11	40°22'24.679"N	104°26'57.126"W	0.19	
8523.00	89.970	181.620	6334.06	3187.43	-3061.12	-1024.03	40°22'23.810"N	104°26'57.164"W	0.64	
8610.00	89.970	180.750	6334.11	3273.53	-3148.10	-1025.83	40°22'22.950"N	104°26'57.187"W	1.00	
8699.00	90.060	179.990	6334.08	3361.42	-3237.10	-1026.40	40°22'22.071"N	104°26'57.194"W	0.86	
8788.00	90.060	180.170	6333.99	3449.24	-3326.10	-1026.52	40°22'21.191"N	104°26'57.196"W	0.20	
8876.00	89.780	179.740	6334.11	3536.05	-3414.10	-1026.46	40°22'20.322"N	104°26'57.195"W	0.58	
8964.00	89.940	179.500	6334.33	3622.76	-3502.10	-1025.87	40°22'19.452"N	104°26'57.188"W	0.33	
9051.00	89.820	179.750	6334.51	3708.49	-3589.09	-1025.30	40°22'18.592"N	104°26'57.180"W	0.32	
9139.00	89.940	179.720	6334.69	3795.24	-3677.09	-1024.90	40°22'17.723"N	104°26'57.175"W	0.14	
9227.00	89.820	180.470	6334.88	3882.08	-3765.09	-1025.04	40°22'16.853"N	104°26'57.177"W	0.86	
9315.00	90.000	180.780	6335.02	3969.04	-3853.09	-1026.00	40°22'15.984"N	104°26'57.189"W	0.41	
9403.00	89.940	181.250	6335.06	4056.10	-3941.07	-1027.56	40°22'15.114"N	104°26'57.209"W	0.54	
9491.00	89.880	182.130	6335.20	4143.30	-4029.03	-1030.16	40°22'14.245"N	104°26'57.243"W	1.00	
9578.00	90.400	181.860	6334.99	4229.57	-4115.98	-1033.18	40°22'13.386"N	104°26'57.282"W	0.67	
9666.00	90.280	180.690	6334.47	4316.68	-4203.95	-1035.14	40°22'12.516"N	104°26'57.307"W	1.34	
9753.00	90.340	180.330	6333.99	4402.63	-4290.95	-1035.92	40°22'11.657"N	104°26'57.317"W	0.42	
9841.00	90.340	179.120	6333.47	4489.37	-4378.95	-1035.49	40°22'10.787"N	104°26'57.311"W	1.37	
9930.00	90.030	177.440	6333.19	4576.69	-4467.90	-1032.82	40°22'09.908"N	104°26'57.277"W	1.92	
10017.00	89.910	177.650	6333.23	4661.82	-4554.82	-1029.10	40°22'09.049"N	104°26'57.229"W	0.28	
10104.00	90.030	177.960	6333.28	4747.04	-4641.76	-1025.76	40°22'08.190"N	104°26'57.186"W	0.38	
10192.00	89.750	177.920	6333.45	4833.28	-4729.70	-1022.60	40°22'07.321"N	104°26'57.145"W	0.32	
10278.00	89.880	179.200	6333.72	4917.74	-4815.67	-1020.44	40°22'06.472"N	104°26'57.117"W	1.50	
10366.00	89.820	179.010	6333.95	5004.32	-4903.66	-1019.07	40°22'05.602"N	104°26'57.099"W	0.23	
10453.00	89.850	180.040	6334.20	5090.02	-4990.66	-1018.34	40°22'04.743"N	104°26'57.089"W	1.18	
10541.00	89.630	180.820	6334.60	5176.94	-5078.65	-1019.00	40°22'03.873"N	104°26'57.098"W	0.92	





# Actual Wellpath Report

NORTH PLATTE A11-E14-28HNB AWP

Page 6 of 9



REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#01 NORTH PLATTE A11-E14-28HNB (1438'FSL & 1384'FWL, SEC.21)
Area	COLORADO	Well	NORTH PLATTE A11-E14-28HNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE A11-E14-28HNB AWB
Facility	SEC.21-T05N-R63W		

WELLPATH DATA (135 stations)										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
10628.00	90.340	182.780	6334.63	5263.17	-5165.60	-1021.74	40°22'03.014"N	104°26'57.133"W	2.40	
10717.00	89.970	183.380	6334.39	5351.62	-5254.47	-1026.52	40°22'02.136"N	104°26'57.195"W	0.79	
10805.00	89.970	182.530	6334.43	5439.06	-5342.36	-1031.06	40°22'01.267"N	104°26'57.253"W	0.97	
10893.00	89.940	180.590	6334.50	5526.23	-5430.32	-1033.45	40°22'00.398"N	104°26'57.284"W	2.20	
10981.00	89.940	179.990	6334.59	5613.12	-5518.32	-1033.90	40°21'59.528"N	104°26'57.290"W	0.68	
11069.00	90.030	179.990	6334.62	5699.93	-5606.32	-1033.88	40°21'58.659"N	104°26'57.290"W	0.10	
11157.00	89.880	179.980	6334.68	5786.74	-5694.32	-1033.86	40°21'57.789"N	104°26'57.290"W	0.17	
11245.00	90.060	179.830	6334.73	5873.53	-5782.32	-1033.71	40°21'56.920"N	104°26'57.288"W	0.27	
11333.00	89.940	178.770	6334.73	5960.16	-5870.31	-1032.64	40°21'56.050"N	104°26'57.274"W	1.21	
11422.00	89.940	178.400	6334.82	6047.57	-5959.28	-1030.44	40°21'55.171"N	104°26'57.245"W	0.42	
11511.00	90.060	178.910	6334.82	6135.01	-6048.26	-1028.35	40°21'54.292"N	104°26'57.218"W	0.59	
11598.00	89.850	179.320	6334.89	6220.60	-6135.25	-1027.01	40°21'53.432"N	104°26'57.201"W	0.53	
11685.00	89.910	180.170	6335.07	6306.37	-6222.25	-1026.62	40°21'52.572"N	104°26'57.196"W	0.98	
11712.00	89.940	180.340	6335.11	6333.02	-6249.25	-1026.74	40°21'52.306"N	104°26'57.197"W	0.64	
11737.00	89.940	180.340	6335.14	6357.71	-6274.24	-1026.89	40°21'52.058"N	104°26'57.199"W	0.00	BOTTOM HOLE, 5-1/2" (436'FSL & 352'FWL, SEC.28)



# Actual Wellpath Report

## NORTH PLATTE A11-E14-28HNB AWP

Page 7 of 9



REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#01 NORTH PLATTE A11-E14-28HNB (1438'FSL & 1384'FWL, SEC.21)
Area	COLORADO	Well	NORTH PLATTE A11-E14-28HNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE A11-E14-28HNB AWB
Facility	SEC.21-T05N-R63W		

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
SEC.21-T05N-R63W	-8.00	198.57	-86.35	3293662.59	1383831.67	40°22'56.021"N	104°26'45.049"W	polygon
SEC.28-T05N-R63W	-8.00	-1721.09	3587.44	3297358.79	1381955.91	40°22'37.049"N	104°25'57.580"W	polygon
NORTH PLATTE A11-E14-28HNB BHL (470'FSL & 340'FWL, SEC.28)	6288.00	-6239.10	-1031.37	3292794.22	1377383.49	40°21'52.406"N	104°26'57.257"W	point
NORTH PLATTE A11-E14-28HNB BHL REV-1 (470'FSL & 340'FWL, SEC.28)	6288.00	-6239.52	-1034.69	3292790.91	1377383.03	40°21'52.402"N	104°26'57.300"W	point
NORTH PLATTE A11-E14-28HNB LP (470'FNL & 340'FWL, SEC.28)	6288.00	-1901.71	-1026.36	3292747.66	1381720.45	40°22'35.267"N	104°26'57.195"W	point
NORTH PLATTE A11-E14-28HNB LP REV-1 (10'FNL & 340'FWL, SEC.28)	6288.00	-1441.71	-1026.35	3292742.20	1382180.40	40°22'39.812"N	104°26'57.195"W	point
NORTH PLATTE A11-E14-28HNB LP REV-2 (10'FNL & 340'FWL, SEC.28)	6288.00	-1443.38	-1027.25	3292741.32	1382178.72	40°22'39.796"N	104°26'57.206"W	point
NORTH PLATTE A11-E14-28HNB BHL REV-2 (470'FSL & 340'FWL, SEC.28)	6356.00	-6239.48	-1034.69	3292790.91	1377383.07	40°21'52.402"N	104°26'57.300"W	point
NORTH PLATTE A11-E14-28HNB LP REV-3 (10'FNL & 340'FWL, SEC.28)	6356.00	-1443.34	-1027.22	3292741.35	1382178.76	40°22'39.796"N	104°26'57.206"W	point
SEC.28-T05N-R63W 460'SETBACKS	6425.00	-1721.09	3587.44	3297358.79	1381955.91	40°22'37.049"N	104°25'57.580"W	polygon





# Actual Wellpath Report

## NORTH PLATTE A11-E14-28HNB AWP

Page 8 of 9



REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#01 NORTH PLATTE A11-E14-28HNB (1438'FSL & 1384'FWL, SEC.21)
Area	COLORADO	Well	NORTH PLATTE A11-E14-28HNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE A11-E14-28HNB AWB
Facility	SEC.21-T05N-R63W		

WELLPATH COMPOSITION - Ref Wellbore: NORTH PLATTE A11-E14-28HNB AWB    Ref Wellpath: NORTH PLATTE A11-E14-28HNB AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1565.00	BHI NaviTrak (Standard)	SURFACE HOLE SURVEYS <219-1565>	NORTH PLATTE A11-E14-28HNB AWB
1565.00	11712.00	BHI AutoTrak Curve (Axial Corr, Short spacing)	BHI MONOBORE SURVEYS <1752-11712>	NORTH PLATTE A11-E14-28HNB AWB
11712.00	11737.00	Blind Drilling (std)	Projection to bit	NORTH PLATTE A11-E14-28HNB AWB



# Actual Wellpath Report

## NORTH PLATTE A11-E14-28HNB AWP

Page 9 of 9



### REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#01 NORTH PLATTE A11-E14-28HNB (1438'FSL & 1384'FWL, SEC.21)
Area	COLORADO	Well	NORTH PLATTE A11-E14-28HNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE A11-E14-28HNB AWB
Facility	SEC.21-T05N-R63W		

### WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
6920.00	89.360	177.087	6365.19	TOP OF PRODUCTION (26'FNL & 361'FWL, SEC.28)
11737.00	89.940	180.340	6335.14	BOTTOM HOLE, 5-1/2" (436'FSL & 352'FWL, SEC.28)