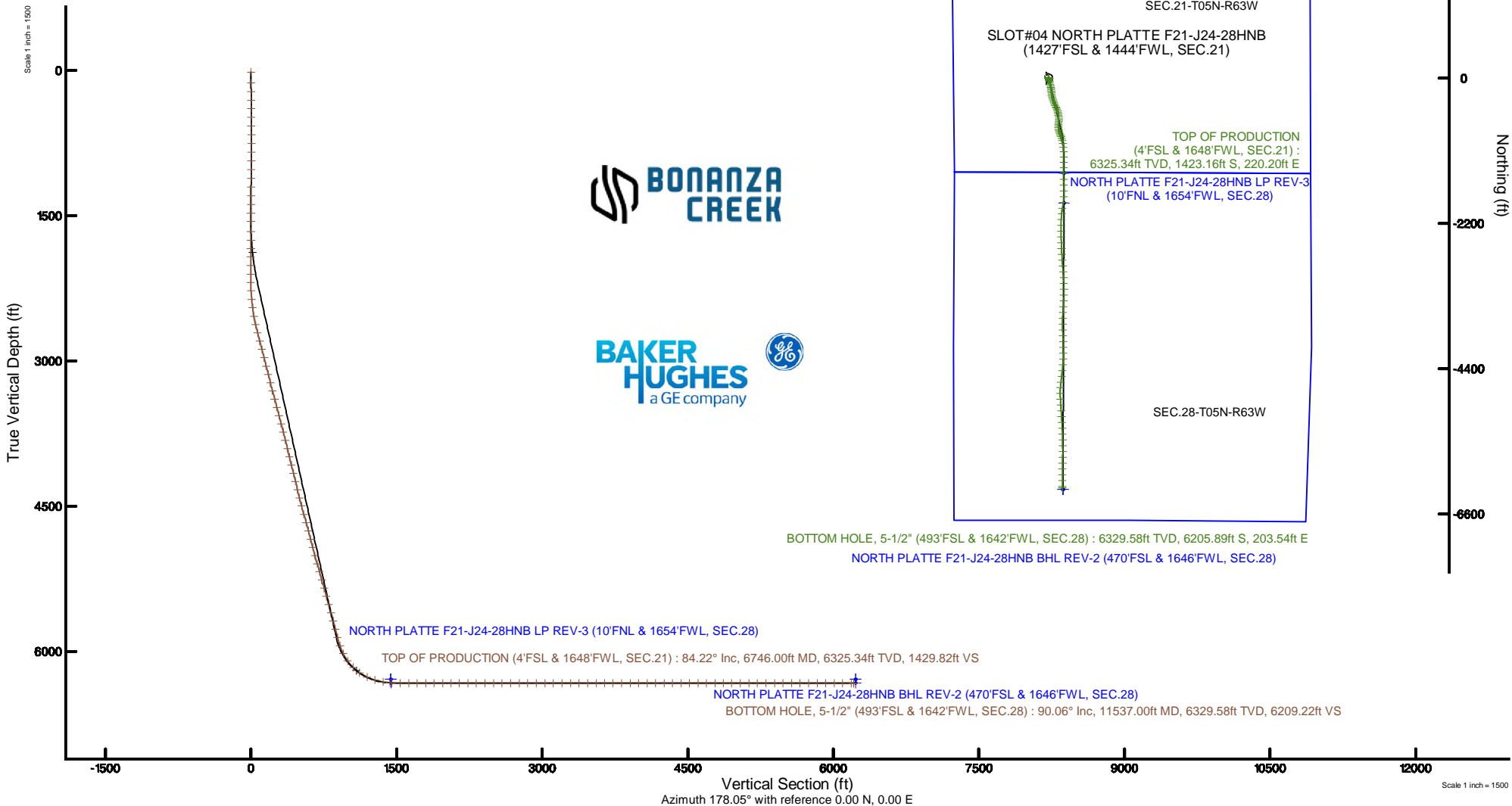


BONANZA CREEK OIL COMPANY

Location:	COLORADO	Slot:	SLOT#04 NORTH PLATTE F21-J24-28HNB (1427'FSL & 1444'FWL, SEC.21)
Field:	WELD COUNTY	Well:	NORTH PLATTE F21-J24-28HNB
Facility:	SEC.21-T05N-R63W	Wellbore:	NORTH PLATTE F21-J24-28HNB PWB
Plot reference wellpath is NORTH PLATTE F21-J24-28HNB (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#04 NORTH PLATTE F21-J24-28HNB (1427'FSL & 1444'FWL, SEC.21)): 0 feet		Depths are in feet	
Coordinates are in feet referenced to Slot		Created by: bushjmh on 2018-11-26	
		Database: Denver	





Actual Wellpath Report

NORTH PLATTE F21-J24-28HNB AWP

Page 1 of 9



REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#04 NORTH PLATTE F21-J24-28HNB (1427'FSL & 1444'FWL, SEC.21)
Area	COLORADO	Well	NORTH PLATTE F21-J24-28HNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE F21-J24-28HNB 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 1:03:55 PM
Convergence at slot	0.68° East	Database/Source file	Denver/NORTH_PLATTE_F21-J24-28HNB_AWP.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-10.93	59.62	3293811.03	1383623.93	40°22'53.951"N	104°26'43.163"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#04 NORTH PLATTE F21-J24-28HNB (1427'FSL & 1444'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	178.05°



Actual Wellpath Report

NORTH PLATTE F21-J24-28HNB AWP

Page 2 of 9



REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#04 NORTH PLATTE F21-J24-28HNB (1427'FSL & 1444'FWL, SEC.21)
Area	COLORADO	Well	NORTH PLATTE F21-J24-28HNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE F21-J24-28HNB AWP
Facility	SEC.21-T05N-R63W		

WELLPATH DATA (134 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	170.130	0.00	0.00	0.00	0.00	40°22'53.951"N	104°26'43.163"W	0.00	
17.00	0.000	170.130	17.00	0.00	0.00	0.00	40°22'53.951"N	104°26'43.163"W	0.00	
131.00	1.080	170.130	130.99	1.06	-1.06	0.18	40°22'53.940"N	104°26'43.160"W	0.95	
219.00	0.760	144.280	218.98	2.37	-2.35	0.67	40°22'53.928"N	104°26'43.154"W	0.59	
309.00	0.510	69.370	308.98	2.74	-2.69	1.39	40°22'53.924"N	104°26'43.145"W	0.89	
396.00	0.180	230.340	395.98	2.70	-2.64	1.65	40°22'53.925"N	104°26'43.142"W	0.78	
486.00	0.600	205.230	485.97	3.20	-3.16	1.34	40°22'53.920"N	104°26'43.146"W	0.49	
575.00	0.590	203.970	574.97	4.03	-4.00	0.95	40°22'53.911"N	104°26'43.150"W	0.02	
665.00	0.740	194.760	664.96	5.00	-4.99	0.62	40°22'53.902"N	104°26'43.155"W	0.20	
755.00	0.720	280.920	754.96	5.43	-5.44	-0.09	40°22'53.897"N	104°26'43.164"W	1.11	
843.00	0.310	330.560	842.96	5.10	-5.13	-0.75	40°22'53.900"N	104°26'43.172"W	0.65	
934.00	0.870	309.260	933.95	4.43	-4.48	-1.40	40°22'53.907"N	104°26'43.181"W	0.65	
1023.00	0.570	47.300	1022.95	3.69	-3.75	-1.60	40°22'53.914"N	104°26'43.183"W	1.24	
1114.00	0.700	354.260	1113.94	2.84	-2.89	-1.32	40°22'53.922"N	104°26'43.180"W	0.64	
1206.00	0.870	15.430	1205.93	1.62	-1.66	-1.19	40°22'53.934"N	104°26'43.178"W	0.36	
1295.00	0.360	38.100	1294.93	0.76	-0.79	-0.84	40°22'53.943"N	104°26'43.174"W	0.62	
1383.00	0.530	4.880	1382.92	0.14	-0.16	-0.64	40°22'53.949"N	104°26'43.171"W	0.34	
1474.00	0.360	283.070	1473.92	-0.35	0.32	-0.88	40°22'53.954"N	104°26'43.174"W	0.66	
1558.00	0.470	281.040	1557.92	-0.50	0.45	-1.47	40°22'53.955"N	104°26'43.182"W	0.13	
1665.00	0.040	246.490	1664.92	-0.58	0.52	-1.94	40°22'53.956"N	104°26'43.188"W	0.41	
1754.00	0.100	343.140	1753.92	-0.65	0.58	-1.99	40°22'53.957"N	104°26'43.189"W	0.13	
1841.00	0.110	29.980	1840.92	-0.79	0.72	-1.97	40°22'53.958"N	104°26'43.188"W	0.10	
1927.00	0.180	0.290	1926.92	-1.00	0.93	-1.93	40°22'53.960"N	104°26'43.188"W	0.12	
2016.00	0.250	84.960	2015.92	-1.15	1.09	-1.73	40°22'53.962"N	104°26'43.185"W	0.33	
2104.00	0.650	54.940	2103.92	-1.43	1.39	-1.13	40°22'53.965"N	104°26'43.177"W	0.51	
2191.00	1.050	149.870	2190.91	-1.00	0.98	-0.33	40°22'53.961"N	104°26'43.167"W	1.47	
2277.00	2.680	175.060	2276.86	1.71	-1.70	0.24	40°22'53.934"N	104°26'43.160"W	2.08	
2366.00	5.370	172.940	2365.63	7.93	-7.91	0.93	40°22'53.873"N	104°26'43.151"W	3.03	
2453.00	7.360	170.580	2452.09	17.52	-17.45	2.34	40°22'53.778"N	104°26'43.133"W	2.31	
2542.00	10.000	169.300	2540.07	30.81	-30.67	4.71	40°22'53.648"N	104°26'43.102"W	2.97	



Actual Wellpath Report

NORTH PLATTE F21-J24-28HNB AWP

Page 3 of 9



REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#04 NORTH PLATTE F21-J24-28HNB (1427'FSL & 1444'FWL, SEC.21)
Area	COLORADO	Well	NORTH PLATTE F21-J24-28HNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE F21-J24-28HNB AWB
Facility	SEC.21-T05N-R63W		

WELLPATH DATA (134 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
2630.00	12.670	167.080	2626.34	47.84	-47.58	8.29	40°22'53.481"N	104°26'43.056"W	3.07	
2718.00	15.000	165.660	2711.78	68.44	-68.02	13.27	40°22'53.279"N	104°26'42.991"W	2.68	
2806.00	15.110	167.050	2796.76	90.82	-90.24	18.66	40°22'53.059"N	104°26'42.922"W	0.43	
2895.00	15.200	168.490	2882.67	113.71	-112.97	23.59	40°22'52.834"N	104°26'42.858"W	0.43	
2983.00	13.330	168.980	2967.95	135.11	-134.24	27.83	40°22'52.624"N	104°26'42.803"W	2.13	
3071.00	13.970	172.080	3053.47	155.69	-154.72	31.23	40°22'52.422"N	104°26'42.759"W	1.10	
3159.00	14.690	172.400	3138.73	177.36	-176.30	34.17	40°22'52.209"N	104°26'42.721"W	0.82	
3249.00	14.180	174.680	3225.89	199.72	-198.59	36.70	40°22'51.988"N	104°26'42.689"W	0.85	
3335.00	14.790	178.410	3309.16	221.21	-220.05	37.98	40°22'51.776"N	104°26'42.672"W	1.30	
3423.00	15.040	174.270	3394.19	243.84	-242.64	39.43	40°22'51.553"N	104°26'42.653"W	1.24	
3511.00	15.020	168.330	3479.19	266.47	-265.17	42.88	40°22'51.331"N	104°26'42.609"W	1.75	
3599.00	14.980	164.490	3564.19	288.77	-287.29	48.23	40°22'51.112"N	104°26'42.540"W	1.13	
3687.00	14.880	162.060	3649.22	310.68	-309.00	54.75	40°22'50.897"N	104°26'42.455"W	0.72	
3775.00	14.850	161.790	3734.28	332.37	-330.46	61.75	40°22'50.685"N	104°26'42.365"W	0.09	
3863.00	14.970	158.530	3819.31	353.91	-351.75	69.44	40°22'50.475"N	104°26'42.266"W	0.96	
3952.00	14.760	158.680	3905.34	375.44	-373.01	77.77	40°22'50.265"N	104°26'42.158"W	0.24	
4041.00	14.870	160.690	3991.38	397.03	-394.35	85.67	40°22'50.054"N	104°26'42.056"W	0.59	
4128.00	14.710	155.010	4075.50	417.85	-414.90	94.02	40°22'49.851"N	104°26'41.948"W	1.68	
4215.00	14.760	152.370	4159.64	438.01	-434.73	103.83	40°22'49.655"N	104°26'41.821"W	0.77	
4302.00	14.930	155.350	4243.74	458.33	-454.73	113.64	40°22'49.457"N	104°26'41.694"W	0.90	
4390.00	14.780	157.160	4328.80	479.28	-475.38	122.73	40°22'49.253"N	104°26'41.577"W	0.55	
4478.00	14.630	159.980	4413.92	500.33	-496.17	130.89	40°22'49.048"N	104°26'41.471"W	0.83	
4565.00	15.280	165.450	4497.97	521.96	-517.59	137.53	40°22'48.836"N	104°26'41.386"W	1.79	
4654.00	15.300	171.410	4583.83	545.07	-540.55	142.23	40°22'48.609"N	104°26'41.325"W	1.77	
4743.00	15.540	174.880	4669.63	568.64	-564.04	145.05	40°22'48.377"N	104°26'41.289"W	1.07	
4831.00	15.270	174.690	4754.46	591.98	-587.32	147.18	40°22'48.147"N	104°26'41.261"W	0.31	
4920.00	14.740	177.070	4840.43	615.00	-610.29	148.84	40°22'47.920"N	104°26'41.240"W	0.91	
5008.00	14.350	182.550	4925.61	637.07	-632.37	148.93	40°22'47.702"N	104°26'41.238"W	1.62	
5096.00	15.380	187.160	5010.67	659.46	-654.85	146.99	40°22'47.480"N	104°26'41.264"W	1.78	
5183.00	15.570	185.570	5094.52	682.43	-677.91	144.41	40°22'47.252"N	104°26'41.297"W	0.53	



Actual Wellpath Report

NORTH PLATTE F21-J24-28HNB AWP

Page 4 of 9



REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#04 NORTH PLATTE F21-J24-28HNB (1427'FSL & 1444'FWL, SEC.21)
Area	COLORADO	Well	NORTH PLATTE F21-J24-28HNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE F21-J24-28HNB AWB
Facility	SEC.21-T05N-R63W		

WELLPATH DATA (134 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
5270.00	15.870	183.080	5178.26	705.86	-701.41	142.64	40°22'47.020"N	104°26'41.320"W	0.85	
5358.00	15.710	179.160	5262.94	729.75	-725.34	142.17	40°22'46.783"N	104°26'41.326"W	1.23	
5446.00	15.960	175.810	5347.61	753.75	-749.32	143.23	40°22'46.546"N	104°26'41.312"W	1.08	
5534.00	15.680	171.050	5432.28	777.65	-773.13	145.96	40°22'46.311"N	104°26'41.277"W	1.51	
5623.00	15.730	164.620	5517.96	801.32	-796.65	151.03	40°22'46.079"N	104°26'41.211"W	1.96	
5711.00	15.890	158.280	5602.64	824.26	-819.34	158.66	40°22'45.854"N	104°26'41.113"W	1.97	
5798.00	15.720	159.970	5686.35	846.67	-841.48	167.10	40°22'45.636"N	104°26'41.004"W	0.56	
5887.00	15.660	160.600	5772.03	869.59	-864.14	175.22	40°22'45.412"N	104°26'40.899"W	0.20	
5975.00	15.680	162.630	5856.76	892.39	-886.69	182.72	40°22'45.189"N	104°26'40.802"W	0.62	
6064.00	19.430	162.770	5941.60	918.27	-912.32	190.69	40°22'44.936"N	104°26'40.699"W	4.21	
6152.00	26.790	164.400	6022.49	951.71	-945.44	200.38	40°22'44.608"N	104°26'40.574"W	8.39	
6240.00	35.590	169.160	6097.70	996.37	-989.79	210.55	40°22'44.170"N	104°26'40.442"W	10.38	
6328.00	45.430	175.780	6164.56	1053.16	-1046.36	217.69	40°22'43.611"N	104°26'40.350"W	12.19	
6415.00	54.960	179.940	6220.20	1119.89	-1113.06	220.01	40°22'42.952"N	104°26'40.320"W	11.55	
6504.00	64.480	179.930	6265.03	1196.62	-1189.83	220.10	40°22'42.193"N	104°26'40.319"W	10.70	
6591.00	74.830	179.980	6295.24	1278.04	-1271.29	220.16	40°22'41.388"N	104°26'40.318"W	11.90	
6679.00	78.690	180.140	6315.39	1363.63	-1356.93	220.07	40°22'40.542"N	104°26'40.319"W	4.39	
6746.00†	84.219	179.645	6325.34	1429.82	-1423.16	220.20	40°22'39.888"N	104°26'40.318"W	8.28	TOP OF PRODUCTION (4'FSL & 1648'FWL, SEC.21)
6766.00	85.870	179.500	6327.07	1449.74	-1443.09	220.35	40°22'39.691"N	104°26'40.316"W	8.28	
6853.00	89.880	179.000	6330.29	1536.64	-1530.00	221.49	40°22'38.832"N	104°26'40.301"W	4.64	
6942.00	90.180	178.440	6330.24	1625.64	-1618.98	223.47	40°22'37.953"N	104°26'40.275"W	0.71	
7028.00	89.720	178.530	6330.32	1711.63	-1704.95	225.75	40°22'37.103"N	104°26'40.246"W	0.55	
7116.00	90.220	182.660	6330.37	1799.53	-1792.92	224.83	40°22'36.234"N	104°26'40.258"W	4.73	
7205.00	90.090	188.150	6330.12	1887.76	-1881.49	216.45	40°22'35.358"N	104°26'40.366"W	6.17	
7293.00	89.880	189.750	6330.15	1974.17	-1968.42	202.76	40°22'34.500"N	104°26'40.543"W	1.83	
7380.00	89.940	186.040	6330.28	2059.88	-2054.58	190.82	40°22'33.648"N	104°26'40.697"W	4.26	
7467.00	89.880	181.360	6330.42	2146.43	-2141.37	185.20	40°22'32.790"N	104°26'40.770"W	5.38	
7556.00	90.150	179.710	6330.40	2235.34	-2230.37	184.37	40°22'31.911"N	104°26'40.781"W	1.88	
7643.00	89.910	179.810	6330.35	2322.31	-2317.37	184.74	40°22'31.051"N	104°26'40.776"W	0.30	
7731.00	89.880	179.510	6330.51	2410.27	-2405.36	185.26	40°22'30.182"N	104°26'40.769"W	0.34	



Actual Wellpath Report

NORTH PLATTE F21-J24-28HNB AWP

Page 5 of 9



REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#04 NORTH PLATTE F21-J24-28HNB (1427'FSL & 1444'FWL, SEC.21)
Area	COLORADO	Well	NORTH PLATTE F21-J24-28HNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE F21-J24-28HNB AWB
Facility	SEC.21-T05N-R63W		

WELLPATH DATA (134 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
7820.00	89.820	178.270	6330.75	2499.26	-2494.35	186.98	40°22'29.302"N	104°26'40.747"W	1.39	
7908.00	90.180	177.690	6330.75	2587.26	-2582.29	190.08	40°22'28.433"N	104°26'40.707"W	0.78	
7996.00	89.970	176.900	6330.63	2675.25	-2670.19	194.24	40°22'27.565"N	104°26'40.653"W	0.93	
8085.00	89.910	176.350	6330.72	2764.22	-2759.04	199.48	40°22'26.687"N	104°26'40.585"W	0.62	
8173.00	89.970	174.920	6330.82	2852.14	-2846.78	206.17	40°22'25.820"N	104°26'40.499"W	1.63	
8262.00	90.150	174.720	6330.72	2941.00	-2935.42	214.21	40°22'24.944"N	104°26'40.395"W	0.30	
8350.00	90.030	176.400	6330.59	3028.91	-3023.15	221.02	40°22'24.077"N	104°26'40.307"W	1.91	
8437.00	89.940	178.140	6330.61	3115.90	-3110.05	225.17	40°22'23.218"N	104°26'40.254"W	2.00	
8525.00	89.910	179.740	6330.72	3203.89	-3198.03	226.79	40°22'22.349"N	104°26'40.233"W	1.82	
8613.00	90.120	181.360	6330.70	3291.80	-3286.02	225.95	40°22'21.479"N	104°26'40.244"W	1.86	
8701.00	90.030	183.940	6330.59	3379.51	-3373.92	221.88	40°22'20.611"N	104°26'40.296"W	2.93	
8791.00	89.780	183.910	6330.73	3469.04	-3463.71	215.72	40°22'19.724"N	104°26'40.376"W	0.28	
8879.00	89.940	182.850	6330.95	3556.66	-3551.55	210.53	40°22'18.855"N	104°26'40.443"W	1.22	
8967.00	89.880	181.450	6331.09	3644.43	-3639.49	207.23	40°22'17.987"N	104°26'40.485"W	1.59	
9053.00	89.970	180.130	6331.20	3730.33	-3725.48	206.05	40°22'17.137"N	104°26'40.501"W	1.54	
9141.00	90.000	178.240	6331.22	3818.31	-3813.47	207.30	40°22'16.267"N	104°26'40.485"W	2.15	
9230.00	90.180	178.050	6331.08	3907.31	-3902.42	210.18	40°22'15.388"N	104°26'40.447"W	0.29	
9317.00	89.970	178.770	6330.97	3994.31	-3989.38	212.59	40°22'14.529"N	104°26'40.416"W	0.86	
9405.00	89.970	179.410	6331.02	4082.29	-4077.37	213.99	40°22'13.659"N	104°26'40.398"W	0.73	
9493.00	89.940	178.460	6331.08	4170.28	-4165.36	215.62	40°22'12.790"N	104°26'40.377"W	1.08	
9581.00	89.940	181.270	6331.18	4258.23	-4253.35	215.83	40°22'11.921"N	104°26'40.374"W	3.19	
9668.00	90.180	185.250	6331.09	4344.85	-4340.19	210.89	40°22'11.062"N	104°26'40.438"W	4.58	
9755.00	90.370	186.990	6330.67	4430.98	-4426.69	201.61	40°22'10.208"N	104°26'40.558"W	2.01	
9843.00	90.000	187.230	6330.38	4517.89	-4514.01	190.72	40°22'09.345"N	104°26'40.699"W	0.50	
9932.00	89.970	185.970	6330.41	4605.90	-4602.42	180.49	40°22'08.471"N	104°26'40.831"W	1.42	
10019.00	90.090	184.310	6330.36	4692.23	-4689.07	172.70	40°22'07.615"N	104°26'40.932"W	1.91	
10107.00	90.120	179.340	6330.20	4780.01	-4777.00	169.89	40°22'06.746"N	104°26'40.968"W	5.65	
10195.00	90.090	176.360	6330.04	4868.00	-4864.92	173.20	40°22'05.877"N	104°26'40.925"W	3.39	
10281.00	90.180	176.170	6329.84	4953.96	-4950.74	178.80	40°22'05.029"N	104°26'40.853"W	0.24	
10370.00	89.820	176.260	6329.84	5042.91	-5039.55	184.67	40°22'04.152"N	104°26'40.777"W	0.42	



Actual Wellpath Report

NORTH PLATTE F21-J24-28HNB AWP

Page 6 of 9



REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#04 NORTH PLATTE F21-J24-28HNB (1427'FSL & 1444'FWL, SEC.21)
Area	COLORADO	Well	NORTH PLATTE F21-J24-28HNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE F21-J24-28HNB AWB
Facility	SEC.21-T05N-R63W		

WELLPATH DATA (134 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
10457.00	89.820	176.730	6330.11	5129.88	-5126.38	189.99	40°22'03.294"N	104°26'40.708"W	0.54	
10544.00	89.780	176.660	6330.41	5216.85	-5213.24	195.01	40°22'02.435"N	104°26'40.643"W	0.09	
10632.00	89.940	177.320	6330.63	5304.84	-5301.12	199.63	40°22'01.567"N	104°26'40.584"W	0.77	
10721.00	89.970	177.830	6330.70	5393.83	-5390.04	203.39	40°22'00.688"N	104°26'40.535"W	0.57	
10809.00	90.090	178.760	6330.65	5481.83	-5478.00	206.01	40°21'59.819"N	104°26'40.501"W	1.07	
10897.00	89.880	179.050	6330.68	5569.82	-5565.98	207.69	40°21'58.950"N	104°26'40.480"W	0.41	
10985.00	90.000	179.960	6330.77	5657.79	-5653.97	208.45	40°21'58.080"N	104°26'40.470"W	1.04	
11073.00	89.970	181.120	6330.79	5745.71	-5741.97	207.62	40°21'57.210"N	104°26'40.481"W	1.32	
11161.00	90.370	182.190	6330.53	5833.53	-5829.93	205.08	40°21'56.341"N	104°26'40.513"W	1.30	
11249.00	90.090	180.350	6330.18	5921.39	-5917.90	203.13	40°21'55.472"N	104°26'40.539"W	2.11	
11337.00	90.180	180.730	6329.97	6009.31	-6005.90	202.30	40°21'54.602"N	104°26'40.549"W	0.44	
11425.00	90.120	179.540	6329.74	6097.25	-6093.90	202.10	40°21'53.733"N	104°26'40.552"W	1.35	
11512.00	90.060	179.080	6329.60	6184.22	-6180.89	203.14	40°21'52.873"N	104°26'40.538"W	0.53	
11537.00	90.060	179.080	6329.58	6209.22	-6205.89	203.54	40°21'52.626"N	104°26'40.533"W	0.00	BOTTOM HOLE, 5-1/2" (493'FSL & 1642'FWL, SEC.28)



Actual Wellpath Report

NORTH PLATTE F21-J24-28HNB AWP

Page 7 of 9



REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#04 NORTH PLATTE F21-J24-28HNB (1427'FSL & 1444'FWL, SEC.21)
Area	COLORADO	Well	NORTH PLATTE F21-J24-28HNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE F21-J24-28HNB 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	209.50	-145.97	3293662.59	1383831.67	40°22'56.021"N	104°26'45.049"W	polygon
SEC.28-T05N-R63W	-8.00	-1710.17	3527.82	3297358.79	1381955.91	40°22'37.049"N	104°25'57.580"W	polygon
NORTH PLATTE F21-J24-28HNB BHL (470'FSL & 1646'FWL, SEC.28)	6288.00	-6226.35	214.99	3294100.05	1377400.84	40°21'52.424"N	104°26'40.385"W	point
NORTH PLATTE F21-J24-28HNB BHL REV-1 (470'FSL & 1646'FWL, SEC.28)	6288.00	-6227.52	211.51	3294096.58	1377399.63	40°21'52.412"N	104°26'40.430"W	point
NORTH PLATTE F21-J24-28HNB LP (470'FNL & 1654'FWL, SEC.28)	6288.00	-1890.78	228.02	3294061.51	1381736.07	40°22'35.267"N	104°26'40.217"W	point
NORTH PLATTE F21-J24-28HNB LP REV-1 (10'FNL & 1654'FWL, SEC.28)	6288.00	-1430.78	228.02	3294056.05	1382196.02	40°22'39.812"N	104°26'40.217"W	point
NORTH PLATTE F21-J24-28HNB LP REV-2 (10'FNL & 1654'FWL, SEC.28)	6288.00	-1437.21	226.79	3294054.89	1382189.58	40°22'39.749"N	104°26'40.232"W	point
NORTH PLATTE F21-J24-28HNB BHL REV-2 (470'FSL & 1646'FWL, SEC.28)	6325.00	-6227.52	211.51	3294096.58	1377399.63	40°21'52.412"N	104°26'40.430"W	point
NORTH PLATTE F21-J24-28HNB LP REV-3 (10'FNL & 1654'FWL, SEC.28)	6325.00	-1437.21	226.79	3294054.89	1382189.58	40°22'39.749"N	104°26'40.232"W	point
SEC.28-T05N-R63W 460'SETBACKS	6425.00	-1710.17	3527.82	3297358.79	1381955.91	40°22'37.049"N	104°25'57.580"W	polygon



Actual Wellpath Report

NORTH PLATTE F21-J24-28HNB AWP

Page 8 of 9



REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#04 NORTH PLATTE F21-J24-28HNB (1427'FSL & 1444'FWL, SEC.21)
Area	COLORADO	Well	NORTH PLATTE F21-J24-28HNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE F21-J24-28HNB AWB
Facility	SEC.21-T05N-R63W		

WELLPATH COMPOSITION - Ref Wellbore: NORTH PLATTE F21-J24-28HNB AWB Ref Wellpath: NORTH PLATTE F21-J24-28HNB AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1558.00	BHI NaviTrak (Standard)	SURFACE HOLE SURVEYS <131-1558>	NORTH PLATTE F21-J24-28HNB AWB
1558.00	11512.00	BHI AutoTrak Curve (Axial Corr, Short spacing)	BHI ATC SURVEYS <1665-11512>	NORTH PLATTE F21-J24-28HNB AWB
11512.00	11537.00	Blind Drilling (std)	Projection to bit	NORTH PLATTE F21-J24-28HNB AWB



Actual Wellpath Report

NORTH PLATTE F21-J24-28HNB AWP

Page 9 of 9



REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#04 NORTH PLATTE F21-J24-28HNB (1427'FSL & 1444'FWL, SEC.21)
Area	COLORADO	Well	NORTH PLATTE F21-J24-28HNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE F21-J24-28HNB AWB
Facility	SEC.21-T05N-R63W		

WELLPATH COMMENTS				
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
6746.00	84.219	179.645	6325.34	TOP OF PRODUCTION (4'FSL & 1648'FWL, SEC.21)
11537.00	90.060	179.080	6329.58	BOTTOM HOLE, 5-1/2" (493'FSL & 1642'FWL, SEC.28)