BONANZA CREEK OIL COMPANY

Location:	COLORADO	Slot:	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Field:	WELD COUNTY	Well:	NORTH PLATTE K31-35-2MRLNB
Facility:	SEC.26-T5N-R63W	Wellbore:	NORTH PLATTE K31-35-2MRLNB PWB

Plot reference wellpath is NORTH PLATTE K31-35-2MRLNB (REV-A.0) PWP	Grid System: NAD83 / Lambert Colorado SP, Northern Zone (501), US feet
True vertical depths are referenced to RIG (4550'GL + 17'RKB) (RKB)	* = Wellpath was transformed from a different geodetic datum
Measured depths are referenced to RIG (4550'GL + 17'RKB) (RKB)	North Reference: True north
RIG (4550'GL + 17'RKB) (RKB) to Mean Sea Level: 4567 feet	Scale: True distance
Mean Sea Level to Mud line (At Slot: SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: ingmjamr on 2017-11-03
	Database: Denver

Location Information

Facility Name			Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
SEC.26-T5N-R63W			3303950.838	1381774.536	40°22'34.464"N	104°24'32.436"W
Slot	**Local N (ft)**	**Local E (ft)**	**Grid East (US ft)**	**Grid North (US ft)**	**Latitude**	**Longitude**
SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)	-4283.87	1657.80	3305661.141	1377511.571	40°21'52.132"N	104°24'11.020"W
RIG (4550'GL + 17'RKB) (RKB) to Mud line (At Slot: SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD))					4567ft	
Mean Sea Level to Mud line (At Slot: SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD))					0ft	
RIG (4550'GL + 17'RKB) (RKB) to Mean Sea Level					4567ft	

Well Profile Data

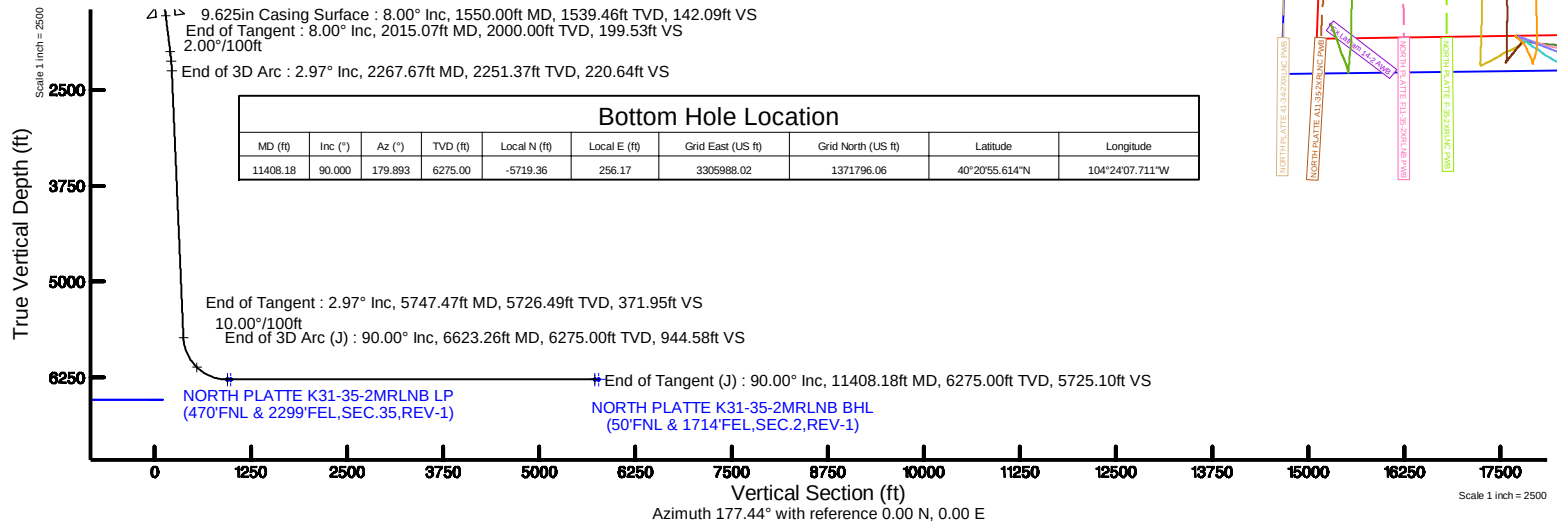
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	17.00	0.000	150.000	17.00	0.00	0.00	0.00	0.00
End of Tangent	200.00	0.000	150.000	200.00	0.00	0.00	0.00	0.00
End of Build	600.00	8.000	150.000	598.70	-24.14	13.94	2.00	24.74
End of Tangent	2015.07	8.000	150.000	2000.00	-194.70	112.41	0.00	199.53
End of 3D Arc	2267.67	2.970	144.508	2251.37	-215.26	125.01	2.00	220.64
End of Tangent	5747.47	2.970	144.508	5726.49	-362.04	229.67	0.00	371.95
End of 3D Arc (J)	6623.26	90.000	179.893	6275.00	-934.45	247.22	10.00	944.58
End of Tangent (J)	11408.18	90.000	179.893	6275.00	-5719.36	256.17	0.00	5725.10

Hole and Casing Sections

Name	Start MD (ft)	End MD (ft)	Interval (ft)	Start TVD (ft)	End TVD (ft)	Start Local N (ft)	Start Local E (ft)	End Local N (ft)	End Local E (ft)	Wellbore
9.625in Casing Surface	17.00	1550.00	1533.00	17.00	1539.46	0.00	0.00	-138.65	80.05	NORTH PLATTE K31-35-2MRLNB PWB

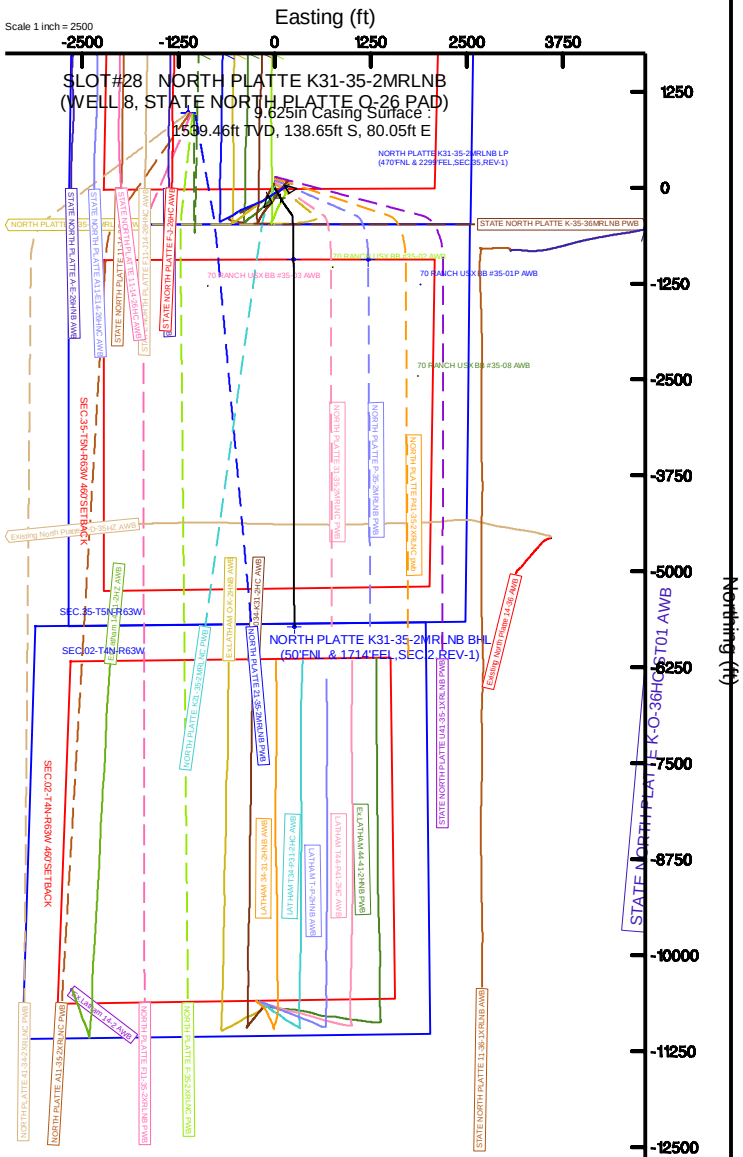
Survey Program

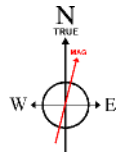
Start MD (ft)	End MD (ft)	Tool	Model	Log Name/Comment	Wellbore
17.00	1550.00	BHI NaviTrak	BHI NaviTrak (Rotating+Axial Corr)		NORTH PLATTE K31-35-2MRLNB PWB
1550.00	11420.31	BHI AutoTrak Curve	BHI AutoTrak Curve (Axial Corr, Short spacing)		NORTH PLATTE K31-35-2MRLNB PWB



Bottom Hole Location

MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
11408.18	90.000	179.893	6275.00	-5719.36	256.17	3305988.02	1371796.06	40°20'55.614"N	104°24'07.711"W





BGGM (1900.0 to 2019.0) Dip: 66.88° Field: 52369.1 nT
Magnetic North is 8.14 degrees East of True North (at 10/30/2017)

To correct azimuth from Magnetic to True add 8.14 degrees

Planned Wellpath Report

NORTH PLATTE K31-35-2MRLNB (REV-A.0) PWP

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

REPORT SETUP INFORMATION			
Projection System	**NAD83 / Lambert Colorado SP, Northern Zone (501), US feet**	Software System	**WellArchitect® 5.0**
North Reference	**True**	User	**Ingmjamr**
Scale	**0.999959**	Report Generated	**11/3/2017** at **7:53:07 AM**
Convergence at slot	**0.71° East**	Database/Source file	**Denver/NORTH_PLATTE_K31-35-2MRLNB___REV-A.0__PWP.xml**

WELLPATH LOCATION	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	**East[ft]**	**Easting[US ft]**	**Northing[US ft]**	**Latitude**	**Longitude**
Slot Location	-4283.87	1657.80	3305661.14	1377511.57	**40°21'52.132"N**	**104°24'11.020"W**
Facility Reference Pt			3303950.84	1381774.54	**40°22'34.464"N**	**104°24'32.436"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 (4550'GL + 17'RKB) (RKB) to Facility Vertical Datum	**4567.00ft**
Horizontal Reference Pt	**Slot**	RIG (4550'GL + 17'RKB) (RKB) to Mean Sea Level	**4567.00ft**
Vertical Reference Pt	**RIG (4550'GL + 17'RKB) (RKB)**	RIG (4550'GL + 17'RKB) (RKB) to Mud Line at Slot (SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD))	**4567.00ft**
MD Reference Pt	**RIG (4550'GL + 17'RKB) (RKB)**	Section Origin	**N 0.00, E 0.00 ft**
Field Vertical Reference	**Mean Sea Level**	Section Azimuth	**177.44°**

Planned Wellpath Report

NORTH PLATTE K31-35-2MRLNB (REV-A.0) PWP

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

WELLPATH DATA (122 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	150.000	0.00	0.00	0.00	0.00	40°21'52.132"N	104°24'11.020"W	0.00	
17.00	0.000	150.000	17.00	0.00	0.00	0.00	40°21'52.132"N	104°24'11.020"W	0.00	Tie On
117.00†	0.000	150.000	117.00	0.00	0.00	0.00	40°21'52.132"N	104°24'11.020"W	0.00	
200.00	0.000	150.000	200.00	0.00	0.00	0.00	40°21'52.132"N	104°24'11.020"W	0.00	End of Tangent
217.00†	0.340	150.000	217.00	0.04	-0.04	0.03	40°21'52.131"N	104°24'11.019"W	2.00	
317.00†	2.340	150.000	316.97	2.12	-2.07	1.19	40°21'52.111"N	104°24'11.004"W	2.00	
417.00†	4.340	150.000	416.79	7.29	-7.11	4.11	40°21'52.061"N	104°24'10.967"W	2.00	
517.00†	6.340	150.000	516.35	15.55	-15.17	8.76	40°21'51.982"N	104°24'10.906"W	2.00	
600.00	8.000	150.000	598.70	24.74	-24.14	13.94	40°21'51.893"N	104°24'10.840"W	2.00	End of Build
617.00†	8.000	150.000	615.54	26.84	-26.19	15.12	40°21'51.873"N	104°24'10.824"W	0.00	
717.00†	8.000	150.000	714.56	39.20	-38.25	22.08	40°21'51.754"N	104°24'10.734"W	0.00	
817.00†	8.000	150.000	813.59	51.55	-50.30	29.04	40°21'51.635"N	104°24'10.644"W	0.00	
917.00†	8.000	150.000	912.62	63.90	-62.35	36.00	40°21'51.515"N	104°24'10.555"W	0.00	
1017.00†	8.000	150.000	1011.64	76.25	-74.40	42.96	40°21'51.396"N	104°24'10.465"W	0.00	
1117.00†	8.000	150.000	1110.67	88.60	-86.46	49.92	40°21'51.277"N	104°24'10.375"W	0.00	
1217.00†	8.000	150.000	1209.70	100.96	-98.51	56.87	40°21'51.158"N	104°24'10.285"W	0.00	
1317.00†	8.000	150.000	1308.72	113.31	-110.56	63.83	40°21'51.039"N	104°24'10.195"W	0.00	
1417.00†	8.000	150.000	1407.75	125.66	-122.62	70.79	40°21'50.920"N	104°24'10.105"W	0.00	
1517.00†	8.000	150.000	1506.78	138.01	-134.67	77.75	40°21'50.801"N	104°24'10.015"W	0.00	
1617.00†	8.000	150.000	1605.80	150.36	-146.72	84.71	40°21'50.682"N	104°24'09.925"W	0.00	
1717.00†	8.000	150.000	1704.83	162.72	-158.77	91.67	40°21'50.563"N	104°24'09.835"W	0.00	
1817.00†	8.000	150.000	1803.86	175.07	-170.83	98.63	40°21'50.444"N	104°24'09.745"W	0.00	
1917.00†	8.000	150.000	1902.88	187.42	-182.88	105.59	40°21'50.324"N	104°24'09.656"W	0.00	
2015.07	8.000	150.000	2000.00	199.53	-194.70	112.41	40°21'50.208"N	104°24'09.567"W	0.00	End of Tangent
2017.00†	7.961	149.984	2001.91	199.77	-194.93	112.54	40°21'50.205"N	104°24'09.566"W	2.00	
2117.00†	5.966	148.896	2101.17	210.48	-205.38	118.69	40°21'50.102"N	104°24'09.486"W	2.00	
2217.00†	3.974	146.720	2200.79	218.03	-212.73	123.28	40°21'50.030"N	104°24'09.427"W	2.00	
2267.67	2.970	144.508	2251.37	220.64	-215.26	125.01	40°21'50.004"N	104°24'09.405"W	2.00	End of 3D Arc
2317.00†	2.970	144.508	2300.63	222.79	-217.34	126.49	40°21'49.984"N	104°24'09.386"W	0.00	
2417.00†	2.970	144.508	2400.49	227.13	-221.56	129.50	40°21'49.942"N	104°24'09.347"W	0.00	

Planned Wellpath Report

NORTH PLATTE K31-35-2MRLNB (REV-A.0) PWP

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

WELLPATH DATA (122 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
2517.00†	2.970	144.508	2500.36	231.48	-225.78	132.50	40°21'49.901"N	104°24'09.308"W	0.00	
2617.00†	2.970	144.508	2600.23	235.83	-230.00	135.51	40°21'49.859"N	104°24'09.269"W	0.00	
2717.00†	2.970	144.508	2700.09	240.18	-234.22	138.52	40°21'49.817"N	104°24'09.230"W	0.00	
2817.00†	2.970	144.508	2799.96	244.53	-238.43	141.53	40°21'49.775"N	104°24'09.191"W	0.00	
2917.00†	2.970	144.508	2899.82	248.88	-242.65	144.54	40°21'49.734"N	104°24'09.152"W	0.00	
3017.00†	2.970	144.508	2999.69	253.22	-246.87	147.54	40°21'49.692"N	104°24'09.114"W	0.00	
3117.00†	2.970	144.508	3099.55	257.57	-251.09	150.55	40°21'49.650"N	104°24'09.075"W	0.00	
3217.00†	2.970	144.508	3199.42	261.92	-255.31	153.56	40°21'49.609"N	104°24'09.036"W	0.00	
3317.00†	2.970	144.508	3299.29	266.27	-259.52	156.57	40°21'49.567"N	104°24'08.997"W	0.00	
3417.00†	2.970	144.508	3399.15	270.62	-263.74	159.57	40°21'49.525"N	104°24'08.958"W	0.00	
3517.00†	2.970	144.508	3499.02	274.97	-267.96	162.58	40°21'49.484"N	104°24'08.919"W	0.00	
3617.00†	2.970	144.508	3598.88	279.31	-272.18	165.59	40°21'49.442"N	104°24'08.880"W	0.00	
3717.00†	2.970	144.508	3698.75	283.66	-276.39	168.60	40°21'49.400"N	104°24'08.842"W	0.00	
3817.00†	2.970	144.508	3798.61	288.01	-280.61	171.61	40°21'49.359"N	104°24'08.803"W	0.00	
3917.00†	2.970	144.508	3898.48	292.36	-284.83	174.61	40°21'49.317"N	104°24'08.764"W	0.00	
4017.00†	2.970	144.508	3998.35	296.71	-289.05	177.62	40°21'49.275"N	104°24'08.725"W	0.00	
4117.00†	2.970	144.508	4098.21	301.06	-293.27	180.63	40°21'49.234"N	104°24'08.686"W	0.00	
4217.00†	2.970	144.508	4198.08	305.40	-297.48	183.64	40°21'49.192"N	104°24'08.647"W	0.00	
4317.00†	2.970	144.508	4297.94	309.75	-301.70	186.64	40°21'49.150"N	104°24'08.608"W	0.00	
4417.00†	2.970	144.508	4397.81	314.10	-305.92	189.65	40°21'49.109"N	104°24'08.570"W	0.00	
4517.00†	2.970	144.508	4497.67	318.45	-310.14	192.66	40°21'49.067"N	104°24'08.531"W	0.00	
4617.00†	2.970	144.508	4597.54	322.80	-314.36	195.67	40°21'49.025"N	104°24'08.492"W	0.00	
4717.00†	2.970	144.508	4697.41	327.14	-318.57	198.67	40°21'48.984"N	104°24'08.453"W	0.00	
4817.00†	2.970	144.508	4797.27	331.49	-322.79	201.68	40°21'48.942"N	104°24'08.414"W	0.00	
4917.00†	2.970	144.508	4897.14	335.84	-327.01	204.69	40°21'48.900"N	104°24'08.375"W	0.00	
5017.00†	2.970	144.508	4997.00	340.19	-331.23	207.70	40°21'48.858"N	104°24'08.336"W	0.00	
5117.00†	2.970	144.508	5096.87	344.54	-335.45	210.71	40°21'48.817"N	104°24'08.298"W	0.00	
5217.00†	2.970	144.508	5196.73	348.89	-339.66	213.71	40°21'48.775"N	104°24'08.259"W	0.00	
5317.00†	2.970	144.508	5296.60	353.23	-343.88	216.72	40°21'48.733"N	104°24'08.220"W	0.00	
5417.00†	2.970	144.508	5396.47	357.58	-348.10	219.73	40°21'48.692"N	104°24'08.181"W	0.00	

Planned Wellpath Report

NORTH PLATTE K31-35-2MRLNB (REV-A.0) PWP

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

WELLPATH DATA (122 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
5517.00†	2.970	144.508	5496.33	361.93	-352.32	222.74	40°21'48.650"N	104°24'08.142"W	0.00	
5617.00†	2.970	144.508	5596.20	366.28	-356.54	225.74	40°21'48.608"N	104°24'08.103"W	0.00	
5717.00†	2.970	144.508	5696.06	370.63	-360.75	228.75	40°21'48.567"N	104°24'08.064"W	0.00	
5747.47	2.970	144.508	5726.49	371.95	-362.04	229.67	40°21'48.554"N	104°24'08.053"W	0.00	End of Tangent
5817.00†	9.529	169.585	5795.58	379.18	-369.17	231.76	40°21'48.484"N	104°24'08.026"W	10.00	
5917.00†	19.447	175.012	5892.28	404.07	-393.96	234.71	40°21'48.239"N	104°24'07.988"W	10.00	
6017.00†	29.420	176.839	5983.21	445.37	-435.17	237.52	40°21'47.831"N	104°24'07.951"W	10.00	
6117.00†	39.405	177.797	6065.61	501.81	-491.56	240.10	40°21'47.274"N	104°24'07.918"W	10.00	
6217.00†	49.396	178.417	6136.97	571.68	-561.40	242.37	40°21'46.584"N	104°24'07.889"W	10.00	
6317.00†	59.389	178.874	6195.11	652.86	-642.58	244.27	40°21'45.782"N	104°24'07.864"W	10.00	
6417.00†	69.384	179.245	6238.29	742.88	-732.62	245.74	40°21'44.892"N	104°24'07.845"W	10.00	
6517.00†	79.379	179.570	6265.18	839.01	-828.80	246.72	40°21'43.942"N	104°24'07.832"W	10.00	
6617.00†	89.374	179.874	6274.97	938.32	-928.19	247.20	40°21'42.959"N	104°24'07.826"W	10.00	
6623.26	90.000	179.893	6275.00[1]	944.58	-934.45	247.22	40°21'42.898"N	104°24'07.826"W	10.00	End of 3D Arc (J)
6717.00†	90.000	179.893	6275.00	1038.23	-1028.19	247.39	40°21'41.971"N	104°24'07.824"W	0.00	
6817.00†	90.000	179.893	6275.00	1138.14	-1128.19	247.58	40°21'40.983"N	104°24'07.821"W	0.00	
6917.00†	90.000	179.893	6275.00	1238.05	-1228.19	247.77	40°21'39.995"N	104°24'07.819"W	0.00	
7017.00†	90.000	179.893	6275.00	1337.96	-1328.19	247.95	40°21'39.007"N	104°24'07.817"W	0.00	
7117.00†	90.000	179.893	6275.00	1437.86	-1428.19	248.14	40°21'38.019"N	104°24'07.814"W	0.00	
7217.00†	90.000	179.893	6275.00	1537.77	-1528.19	248.33	40°21'37.030"N	104°24'07.812"W	0.00	
7317.00†	90.000	179.893	6275.00	1637.68	-1628.19	248.51	40°21'36.042"N	104°24'07.809"W	0.00	
7417.00†	90.000	179.893	6275.00	1737.59	-1728.19	248.70	40°21'35.054"N	104°24'07.807"W	0.00	
7517.00†	90.000	179.893	6275.00	1837.50	-1828.19	248.89	40°21'34.066"N	104°24'07.805"W	0.00	
7617.00†	90.000	179.893	6275.00	1937.40	-1928.19	249.07	40°21'33.078"N	104°24'07.802"W	0.00	
7717.00†	90.000	179.893	6275.00	2037.31	-2028.19	249.26	40°21'32.090"N	104°24'07.800"W	0.00	
7817.00†	90.000	179.893	6275.00	2137.22	-2128.19	249.45	40°21'31.101"N	104°24'07.797"W	0.00	
7917.00†	90.000	179.893	6275.00	2237.13	-2228.19	249.64	40°21'30.113"N	104°24'07.795"W	0.00	
8017.00†	90.000	179.893	6275.00	2337.04	-2328.19	249.82	40°21'29.125"N	104°24'07.793"W	0.00	
8117.00†	90.000	179.893	6275.00	2436.95	-2428.19	250.01	40°21'28.137"N	104°24'07.790"W	0.00	
8217.00†	90.000	179.893	6275.00	2536.85	-2528.19	250.20	40°21'27.149"N	104°24'07.788"W	0.00	

Planned Wellpath Report

NORTH PLATTE K31-35-2MRLNB (REV-A.0) PWP

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

WELLPATH DATA (122 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
8317.00†	90.000	179.893	6275.00	2636.76	-2628.19	250.38	40°21'26.161"N	104°24'07.785"W	0.00	
8417.00†	90.000	179.893	6275.00	2736.67	-2728.19	250.57	40°21'25.172"N	104°24'07.783"W	0.00	
8517.00†	90.000	179.893	6275.00	2836.58	-2828.19	250.76	40°21'24.184"N	104°24'07.781"W	0.00	
8617.00†	90.000	179.893	6275.00	2936.49	-2928.19	250.95	40°21'23.196"N	104°24'07.778"W	0.00	
8717.00†	90.000	179.893	6275.00	3036.39	-3028.19	251.13	40°21'22.208"N	104°24'07.776"W	0.00	
8817.00†	90.000	179.893	6275.00	3136.30	-3128.19	251.32	40°21'21.220"N	104°24'07.773"W	0.00	
8917.00†	90.000	179.893	6275.00	3236.21	-3228.19	251.51	40°21'20.232"N	104°24'07.771"W	0.00	
9017.00†	90.000	179.893	6275.00	3336.12	-3328.19	251.69	40°21'19.243"N	104°24'07.769"W	0.00	
9117.00†	90.000	179.893	6275.00	3436.03	-3428.19	251.88	40°21'18.255"N	104°24'07.766"W	0.00	
9217.00†	90.000	179.893	6275.00	3535.93	-3528.19	252.07	40°21'17.267"N	104°24'07.764"W	0.00	
9317.00†	90.000	179.893	6275.00	3635.84	-3628.19	252.26	40°21'16.279"N	104°24'07.761"W	0.00	
9417.00†	90.000	179.893	6275.00	3735.75	-3728.19	252.44	40°21'15.291"N	104°24'07.759"W	0.00	
9517.00†	90.000	179.893	6275.00	3835.66	-3828.19	252.63	40°21'14.303"N	104°24'07.756"W	0.00	
9617.00†	90.000	179.893	6275.00	3935.57	-3928.19	252.82	40°21'13.314"N	104°24'07.754"W	0.00	
9717.00†	90.000	179.893	6275.00	4035.47	-4028.19	253.00	40°21'12.326"N	104°24'07.752"W	0.00	
9817.00†	90.000	179.893	6275.00	4135.38	-4128.19	253.19	40°21'11.338"N	104°24'07.749"W	0.00	
9917.00†	90.000	179.893	6275.00	4235.29	-4228.19	253.38	40°21'10.350"N	104°24'07.747"W	0.00	
10017.00†	90.000	179.893	6275.00	4335.20	-4328.19	253.57	40°21'09.362"N	104°24'07.744"W	0.00	
10117.00†	90.000	179.893	6275.00	4435.11	-4428.19	253.75	40°21'08.374"N	104°24'07.742"W	0.00	
10217.00†	90.000	179.893	6275.00	4535.01	-4528.19	253.94	40°21'07.385"N	104°24'07.740"W	0.00	
10317.00†	90.000	179.893	6275.00	4634.92	-4628.19	254.13	40°21'06.397"N	104°24'07.737"W	0.00	
10417.00†	90.000	179.893	6275.00	4734.83	-4728.19	254.31	40°21'05.409"N	104°24'07.735"W	0.00	
10517.00†	90.000	179.893	6275.00	4834.74	-4828.19	254.50	40°21'04.421"N	104°24'07.732"W	0.00	
10617.00†	90.000	179.893	6275.00	4934.65	-4928.19	254.69	40°21'03.433"N	104°24'07.730"W	0.00	
10717.00†	90.000	179.893	6275.00	5034.55	-5028.19	254.87	40°21'02.445"N	104°24'07.728"W	0.00	
10817.00†	90.000	179.893	6275.00	5134.46	-5128.19	255.06	40°21'01.456"N	104°24'07.725"W	0.00	
10917.00†	90.000	179.893	6275.00	5234.37	-5228.19	255.25	40°21'00.468"N	104°24'07.723"W	0.00	
11017.00†	90.000	179.893	6275.00	5334.28	-5328.19	255.44	40°20'59.480"N	104°24'07.720"W	0.00	
11117.00†	90.000	179.893	6275.00	5434.19	-5428.19	255.62	40°20'58.492"N	104°24'07.718"W	0.00	
11217.00†	90.000	179.893	6275.00	5534.09	-5528.18	255.81	40°20'57.504"N	104°24'07.716"W	0.00	

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

WELLPATH DATA (122 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
11317.00†	90.000	179.893	6275.00	5634.00	-5628.18	256.00	40°20'56.515"N	104°24'07.713"W	0.00	
11408.18	90.000	179.893	6275.00[2]	5725.10	-5719.36	256.17	40°20'55.614"N	104°24'07.711"W	0.00	End of Tangent (J)

HOLE & CASING SECTIONS

- Ref Wellbore: NORTH PLATTE K31-35-2MRLNB PWB Ref Wellpath: NORTH PLATTE K31-35-2MRLNB (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	17.00	1550.00	1533.00	17.00	1539.46	0.00	0.00	-138.65	80.05

Planned Wellpath Report

NORTH PLATTE K31-35-2MRLNB (REV-A.0) PWP

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
SEC.26-T05N-R63W		-19.00	4243.31	-1533.28	3304075.56	1381735.41	40°22'34.062"N	104°24'30.831"W	polygon
SEC.02-T4N-R63W		-5.00	972.37	-1123.27	3304525.98	1378469.93	40°22'01.740"N	104°24'25.531"W	polygon
SEC.35-T5N-R63W		-5.00	972.37	-1123.27	3304525.98	1378469.93	40°22'01.740"N	104°24'25.531"W	polygon
2) NORTH PLATTE K31-35-2MRLNB BHL (50'FNL & 1714'FEL,SEC.2,REV-1)	11408.18	6275.00	-5719.36	256.17	3305988.02	1371796.06	40°20'55.614"N	104°24'07.711"W	point
1) NORTH PLATTE K31-35-2MRLNB LP (470'FNL & 2299'FEL,SEC.35,REV-1)	6623.26	6275.00	-934.45	247.22	3305919.89	1376580.29	40°21'42.898"N	104°24'07.826"W	point
NORTH PLATTE P-35-2MRLNB BHL (50'FNL & 727'FEL,SEC.2,REV-1)		6275.00	-5719.41	1243.17	3306974.91	1371808.22	40°20'55.614"N	104°23'54.963"W	point
NORTH PLATTE P-35-2MRLNB LP (470'FNL & 1327'FEL, SEC.35,REV-1)		6275.00	-934.50	1219.22	3306891.77	1376592.27	40°21'42.897"N	104°23'55.270"W	point
SEC.02-T4N-R63W 460'SETBACK		6539.00	972.37	-1123.27	3304525.98	1378469.93	40°22'01.740"N	104°24'25.531"W	polygon
SEC.26-T05N-R63W 460' SETBACK		6539.00	4243.31	-1533.28	3304075.56	1381735.41	40°22'34.062"N	104°24'30.831"W	polygon
SEC.35-T5N-R63W 460'SETBACK		6539.00	972.37	-1123.27	3304525.98	1378469.93	40°22'01.740"N	104°24'25.531"W	polygon

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

SURVEY PROGRAM - Ref Wellbore: NORTH PLATTE K31-35-2MRLNB PWB Ref Wellpath: NORTH PLATTE K31-35-2MRLNB (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1550.00	BHI NaviTrak (Rotating+Axial Corr)		NORTH PLATTE K31-35-2MRLNB PWB
1550.00	11420.31	BHI AutoTrak Curve (Axial Corr, Short spacing)		NORTH PLATTE K31-35-2MRLNB PWB

Planned Wellpath Report

NORTH PLATTE K31-35-2MRLNB (REV-A.0) PWP

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

DESIGN COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
17.00	0.000	150.000	17.00	Tie On
200.00	0.000	150.000	200.00	End of Tangent
600.00	8.000	150.000	598.70	End of Build
2015.07	8.000	150.000	2000.00	End of Tangent
2267.67	2.970	144.508	2251.37	End of 3D Arc
5747.47	2.970	144.508	5726.49	End of Tangent
6623.26	90.000	179.893	6275.00	End of 3D Arc (J)
11408.18	90.000	179.893	6275.00	End of Tangent (J)

Clearance Report

NORTH PLATTE K31-35-2MRLNB (REV-A.0) PWP

Closest Approach

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

REPORT SETUP INFORMATION			
Projection System	**NAD83 / Lambert Colorado SP, Northern Zone (501), US feet**	Software System	**WellArchitect® 5.0**
North Reference	**True**	User	**Ingmjamr**
Scale	**0.999959**	Report Generated	**11/3/2017** at **8:07:09 AM**
Convergence at slot	**0.71° East**	Database/Source file	**Denver/NORTH_PLATTE_K31-35-2MRLNB___REV-A.0__PWP_CR.xml**

WELLPATH LOCATION	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	**East[ft]**	**Easting[US ft]**	**Northing[US ft]**	**Latitude**	**Longitude**
Slot Location	-4283.87	1657.80	3305661.14	1377511.57	**40°21'52.132"N**	**104°24'11.020"W**
Facility Reference Pt			3303950.84	1381774.54	**40°22'34.464"N**	**104°24'32.436"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 (4550'GL + 17'RKB) (RKB) to Facility Vertical Datum	**4567.00ft**
Horizontal Reference Pt	**Slot**	RIG (4550'GL + 17'RKB) (RKB) to Mean Sea Level	**4567.00ft**
Vertical Reference Pt	**RIG (4550'GL + 17'RKB) (RKB)**	RIG (4550'GL + 17'RKB) (RKB) to Mud Line at Slot (SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD))	**4567.00ft**
MD Reference Pt	**RIG (4550'GL + 17'RKB) (RKB)**		
Field Vertical Reference	**Mean Sea Level**		

POSITIONAL UNCERTAINTY CALCULATION SETTINGS					
Ellipse Confidence Limit	**3.00 Std Dev**	Ellipse Start MD	**17.00ft**	Surface Position Uncertainty	**included**
Declination	**8.14° East of TN**	Dip Angle	**66.88°**	Mag Field Strength	**52369 nT**
Slot Surface Uncertainty @1SD		Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD		Horizontal	**8.200ft**	Vertical	**3.000ft**
Positional Uncertainty values in the WELLPATH DATA table are the projection of the ellipsoid of uncertainty onto the vertical and horizontal planes					

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

ANTI-COLLISION RULE			
Rule Name	Baker Hughes Stop Drilling (offset is HSE risk)	Rule Based On	Ratio
Plane of Rule	Closest Approach	Threshold Value	1.00
Include Casing & Hole Size	yes	Apply Cone of Safety	no

HOLE & CASING SECTIONS - Ref Wellbore: NORTH PLATTE K31-35-2MRLNB PWB Ref Wellpath: NORTH PLATTE K31-35-2MRLNB (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	17.00	1550.00	1533.00	17.00	1539.46	0.00	0.00	-138.65	80.05

SURVEY PROGRAM - Ref Wellbore: NORTH PLATTE K31-35-2MRLNB PWB Ref Wellpath: NORTH PLATTE K31-35-2MRLNB (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1550.00	BHI NaviTrak (Rotating+Axial Corr)		NORTH PLATTE K31-35-2MRLNB PWB
1550.00	11420.31	BHI AutoTrak Curve (Axial Corr, Short spacing)		NORTH PLATTE K31-35-2MRLNB PWB

REFERENCE WELLPATH IDENTIFICATION

Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

CALCULATION RANGE & CUTOFF

From: **17.00ft MD**	To: **11408.18ft MD**	C-C Cutoff: **1000.00 ft**

OFFSET WELL CLEARANCE SUMMARY (49 Offset Wellpaths selected) Ratios are calculated in Closest Approach plane

Offset Facility	Offset Slot	Offset Well	Offset Wellbore	Offset Wellpath	C-C Clearance Distance			ACR Separation Ratio			
					Ref MD [ft]	Min C-C Clear Dist [ft]	Diverging from MD [ft]	Ref MD of Min Ratio [ft]	Min Ratio	Min Ratio Dvrg from [ft]	ACR Status
SEC.36-T5N-R63W	SLOT#03 Existing North Platte X-D-35HZ (1090'FSL & 1093'FWL,SEC.36)	North Platte X-D-35HZ	Existing North Platte X-D-35HZ AWB	Existing North Platte X-D-35HZ AWP	10074.89	34.22	10074.89	10052.80	0.34	10117.00	FAIL
SEC.26-T5N-R63W	SLOT#26 STATE NORTH PLATTE K-35-36MRLNB (WELL 5, STATE NORTH PLATTE O-26 PAD)	STATE NORTH PLATTE K-35-36MRLNB	STATE NORTH PLATTE K-35-36MRLNB PWB	STATE NORTH PLATTE K-35-36MRLNB (REV-A.0) PWP	17.00	60.48	6217.00	6306.61	1.23	6306.61	PASS
SEC.26-T5N-R63W	SLOT#29 NORTH PLATTE 31-35-2MRLNC (WELL 4, STATE NORTH PLATTE O-26 PAD)	NORTH PLATTE 31-35-2MRLNC	NORTH PLATTE 31-35-2MRLNC PWB	NORTH PLATTE 31-35-2MRLNC (REV-A.0) PWP	17.00	79.79	3817.00	11408.18	1.34	11408.18	PASS
SEC.26-T5N-R63W	SLOT#23 NORTH PLATTE 21-35-2MRLNB (WELL 6, STATE NORTH PLATTE I-26 PAD)	NORTH PLATTE 21-35-2MRLNB	NORTH PLATTE 21-35-2MRLNB PWB	NORTH PLATTE 21-35-2MRLNB (REV-A.0) PWP	11408.18	556.75	11408.18	11398.71	1.39	11398.71	PASS
SEC.26-T5N-R63W	SLOT#25 NORTH PLATTE K-35-34MRLNB (WELL 6,STATE NORTH PLATTE O-26 PAD)	NORTH PLATTE K-35-34MRLNB	NORTH PLATTE K-35-34MRLNB PWB	NORTH PLATTE K-35-34MRLNB (REV-A.0) PWP	17.00	40.44	6213.92	6213.92	1.99	6213.92	PASS
SEC.35-T05N-R63W	SLOT#02 EX 70 RANCH USX BB #35-02 (563'FNL & 1780'FWL, SEC.35, 6676, SI)	70 RANCH USX BB #35-02	70 RANCH USX BB #35-02 AWB	70 RANCH USX BB #35-02 AWP	6729.00	509.21	6729.00	6765.21	2.35	6765.21	PASS
SEC.26-T5N-R63W	SLOT#30 NORTH PLATTE P-35-2MRLNB (WELL 3, STATE NORTH PLATTE O-26 PAD)	NORTH PLATTE P-35-2MRLNB	NORTH PLATTE P-35-2MRLNB PWB	NORTH PLATTE P-35-2MRLNB (REV-A.0) PWP	17.00	100.19	3217.00	11408.18	2.64	11408.18	PASS
SEC.02-T4N-R63W	SLOT#03 LATHAM 034-K31-2HC (328'FSL & 2195'FEL,SEC.2)	LATHAM 034-K31-2HC	LATHAM 034-K31-2HC AWB	LATHAM 034-K31-2HC AWP	11408.18	725.33	11408.18	11408.18	2.72	11408.18	PASS
SEC.02-T4N-R63W	SLOT#07 LATHAM 34-31-2HNB (385'FSL & 2252'FEL,SEC.2)	LATHAM 34-31-2HNB	LATHAM 34-31-2HNB AWB	LATHAM 34-31-2HNB AWP	11408.18	499.57	11408.18	11408.18	2.77	11408.18	PASS
SEC.26-T5N-R63W	SLOT#06 STATE NORTH PLATTE 0-K-26HNB (479'FSL & 2382'FEL,SEC.26)	STATE NORTH PLATTE O-K-26HNB	STATE NORTH PLATTE O-K-26HNB AWB	STATE NORTH PLATTE O-K-26HNB AWP	2851.16	81.96	6017.00	3109.12	2.80	6017.00	PASS
SEC.02-T4N-R63W	SLOT#05 LATHAM T44-P41-2HC (356'FSL & 2224'FEL,SEC.2)	LATHAM T44-P41-2HC	LATHAM T44-P41-2HC AWB	LATHAM T44-P41-2HC AWP	11408.18	887.92	11408.18	11408.18	2.90	11408.18	PASS
SEC.26-T5N-R63W	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)	NORTH PLATTE K21-35-2MRLNC	NORTH PLATTE K21-35-2MRLNC PWB	NORTH PLATTE K21-35-2MRLNC (REV-A.0) PWP	17.00	20.04	2917.00	11408.18	3.16	11408.18	PASS
SEC.02-T4N-R63W	SLOT#02 Ex.LATHAM O-K-2HNB (295'FSL & 2162'FEL,SEC.2)	Ex.LATHAM O-K-2HNB	Ex.LATHAM O-K-2HNB AWB	Ex.LATHAM O-K-2HNB AWP	11408.18	959.66	11408.18	11408.18	3.27	11408.18	PASS
SEC.26-T5N-R63W	SLOT#22 NORTH PLATTE F-35-2XRLNC (WELL 4, STATE NORTH PLATTE I-26 PAD)	NORTH PLATTE F-35-2XRLNC	NORTH PLATTE F-35-2XRLNC PWB	NORTH PLATTE F-35-2XRLNC (REV-A.0) PWP	5122.00	1420.04	11408.18	11408.18	3.59	11408.18	PASS
SEC.02-T4N-R63W	SLOT#01 Ex.LATHAM 44-41-2HNB (282'FSL & 2149'FEL,SEC.2)	Ex.LATHAM 44-41-2HNB	Ex.LATHAM 44-41-2HNB PWB	Ex.LATHAM 44-41-2HNB AWP	11408.18	1134.39	11408.18	11408.18	3.68	11408.18	PASS
SEC.02-T4N-R63W	SLOT#06 LATHAM T-P-2HNB (371'FSL & 2238'FEL,SEC.2)	LATHAM T-P-2HNB	LATHAM T-P-2HNB AWB	LATHAM T-P-2HNB AWP	11408.18	799.06	11408.18	11408.18	3.88	11408.18	PASS
SEC.26-T5N-R63W	SLOT#31 NORTH PLATTE P41-35-2XRLNC (WELL 2, STATE NORTH PLATTE O-26 PAD)	NORTH PLATTE P41-35-2XRLNC	NORTH PLATTE P41-35-2XRLNC pwb	NORTH PLATTE P41-35-2XRLNC (REV-A.0) PWP	17.00	120.23	3117.00	11408.18	3.96	11408.18	PASS
SEC.02-T4N-R63W	SLOT#04 LATHAM T34-P31-2HC (342'FSL & 2209'FEL,SEC.2)	LATHAM T34-P31-2HC	LATHAM T34-P31-2HC AWB	LATHAM T34-P31-2HC AWP	11408.18	503.97	11408.18	11408.18	4.12	11408.18	PASS
SEC.26-T5N-R63W	SLOT#21 NORTH PLATTE F11-35-2XRLNB (WELL 3, STATE NORTH PLATTE I-26 PAD)	NORTH PLATTE F11-35-2XRLNB	NORTH PLATTE F11-35-2XRLNB PWB	NORTH PLATTE F11-35-2XRLNB (REV-A.0) PWP	17.00	1449.24	3617.00	11408.18	4.88	11408.18	PASS
SEC.35-T05N-R63W	SLOT#01 EX 70 RANCH USX BB #35-03 (803'FNL & 1808'FWL, SEC.35, 6672, SI)	70 RANCH USX BB #35-03	70 RANCH USX BB #35-03 AWB	70 RANCH USX BB #35-03 AWP	6967.00	1117.08	6967.00	7066.84	5.01	7066.84	PASS
SEC.26-T5N-R63W	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB (WELL 1, STATE NORTH PLATTE O-26 PAD)	STATE NORTH PLATTE U41-35-1XRLNB	STATE NORTH PLATTE U41-35-1XRLNB PWB	STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP	17.00	140.63	11408.18	11408.18	5.13	11408.18	PASS
SEC.26-T5N-R63W	SLOT#10 STATE NORTH PLATTE O24-K21-26HNC (559'FSL & 2383'FEL,SEC.26)	STATE NORTH PLATTE O24-K21-26HNC	STATE NORTH PLATTE O24-K21-26HNC AWB	STATE NORTH PLATTE O24-K21-26HNC AWP	571.08	185.09	5917.00	3587.04	5.75	6017.00	PASS
SEC.35-T05N-R63W	SLOT#04 EX 70 RANCH USX BB #35-08 (1980'FNL & 660'FEL, SEC.35, 6676, SI)	70 RANCH USX BB #35-08	70 RANCH USX BB #35-08 AWB	70 RANCH USX BB #35-08 AWP	8152.00	1608.57	8152.00	8417.00	6.22	8417.00	PASS
SEC.26-T5N-R63W	SLOT#08 STATE NORTH PLATTE O24-K21-26HNB (519'FSL & 2382'FEL,SEC.26)	STATE NORTH PLATTE 024-K21-26HNB	STATE NORTH PLATTE 024-K21-26HNB AWB	STATE NORTH PLATTE 024-K21-26HNB AWP	817.00	166.08	2417.00	2748.98	6.65	6017.00	PASS
SEC.36-T5N-R63W	SLOT#04 STATE NORTH PLATTE 11-36-1XRLNB (330'FNL & 519'FWL,SEC.36)	STATE NORTH PLATTE 11-36-1XRLNB	STATE NORTH PLATTE 11-36-1XRLNB AWB	STATE NORTH PLATTE 11-36-1XRLNB AWP	6754.50	2416.69	11017.00	11408.18	6.85	11408.18	PASS

REFERENCE WELLPATH IDENTIFICATION

Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

CALCULATION RANGE & CUTOFF

From: **17.00ft MD**	To: **11408.18ft MD**	C-C Cutoff: **1000.00 ft**

OFFSET WELL CLEARANCE SUMMARY (49 Offset Wellpaths selected) Ratios are calculated in Closest Approach plane

Offset Facility	Offset Slot	Offset Well	Offset Wellbore	Offset Wellpath	C-C Clearance Distance			ACR Separation Ratio			
					Ref MD [ft]	Min C-C Clear Dist [ft]	Diverging from MD [ft]	Ref MD of Min Ratio [ft]	Min Ratio	Min Ratio Dvrg from [ft]	ACR Status
SEC.26-T5N-R63W	SLOT#20 NORTH PLATTE A11-35-2XRLNC (WELL 2, STATE NORTH PLATTE I-26 PAD)	NORTH PLATTE A11-35-2XRLNC	NORTH PLATTE A11-35-2XRLNC PWB	NORTH PLATTE A11-35-2XRLNC (REV-A.0) PWP	17.00	1466.90	200.00	11408.18	6.89	11408.18	PASS
SEC.35-T05N-R63W	SLOT#03 EX 70 RANCH USX BB #35-01P (789'FNL & 642'FEL, SEC.35, 6670, SI)	70 RANCH USX BB #35-01P	70 RANCH USX BB #35-01P AWB	70 RANCH USX BB #35-01P AWP	6954.50	1641.93	6954.50	7261.88	7.27	7261.88	PASS
SEC.26-T5N-R63W	SLOT#07 STATE NORTH PLATTE 24-21-26HNB (499'FSL & 2382'FEL,SEC.26)	STATE NORTH PLATTE 24-21-26HNB	STATE NORTH PLATTE 24-21-26HNB AWB	STATE NORTH PLATTE 24-21-26HNB AWP	1663.83	126.26	1663.83	1736.49	7.30	6217.00	PASS
SEC.26-T5N-R63W	SLOT#09 STATE NORTH PLATTE 24-21-26HNC (539'FSL & 2383'FEL,SEC.26)	STATE NORTH PLATTE 24-21-26HNC	STATE NORTH PLATTE 24-21-26HNC AWB	STATE NORTH PLATTE 24-21-26HNC AWP	717.00	173.86	6017.00	2640.47	7.62	6217.00	PASS
SEC.02-T4N-R63W	SLOT#09 Ex.Latham 14-11-2HZ (613'FSL & 734'FWL,SEC.2)	Ex.Latham 14-11-2HZ	Ex.Latham 14-11-2HZ AWB	Ex.Latham 14-11-2HZ AWP	11408.18	2443.08	11408.18	11408.18	7.85	11408.18	PASS
SEC.26-T5N-R63W	SLOT#19 NORTH PLATTE 41-34-2XRLNC (WELL 1, STATE NORTH PLATTE I-26 PAD)	NORTH PLATTE 41-34-2XRLNC	NORTH PLATTE 41-34-2XRLNC PWB	NORTH PLATTE 41-34-2XRLNC (REV-A.0) PWP	17.00	1485.68	200.00	11408.18	8.61	11408.18	PASS
SEC.26-T5N-R63W	SLOT#01 STATE NORTH PLATTE F-J-26HNB (457'FNL & 956'FWL,SEC.26)	STATE NORTH PLATTE F-J-26HNB	STATE NORTH PLATTE F-J-26HNB AWB	STATE NORTH PLATTE F-J-26HNB AWP	6017.00	1700.06	6017.00	6100.45	11.83	6100.45	PASS
SEC.26-T5N-R63W	SLOT#02 STATE NORTH PLATTE F-J-26HC (433'FNL & 956'FWL,SEC.26)	STATE NORTH PLATTE F-J-26HC	STATE NORTH PLATTE F-J-26HC AWB	STATE NORTH PLATTE F-J-26HC AWP	6117.00	1703.03	6117.00	6177.17	11.87	6177.17	PASS
SEC.36-T5N-R63W	SLOT#02 Existing North Platte 14-36 (1075'FSL & 1093'FWL,SEC.36) 6755' TD	Existing North Platte 14-36	Existing North Platte 14-36 AWB	Existing North Platte 14-36 AWP	10717.00	2881.88	10717.00	11408.18	13.12	11408.18	PASS
SEC.26-T5N-R63W	SLOT#03 STATE NORTH PLATTE F11-J14-26HNC (417'FNL & 956'FWL,SEC.26)	STATE NORTH PLATTE F11-J14-26HNC	STATE NORTH PLATTE F11-J14-26HNC AWB	STATE NORTH PLATTE F11-J14-26HNC AWP	6067.00	2011.33	6067.00	6190.05	13.54	6190.05	PASS
SEC.26-T5N-R63W	SLOT#24 STATE NORTH PLATTE J24-F21-26HNC (WELL 5, STATE NORTH PLATTE I-26 PAD)	STATE NORTH PLATTE J24-F21-26HNC	STATE NORTH PLATTE J24-F21-26HNC PWB	STATE NORTH PLATTE J24-F21-26HNC (REV-A.0) PWP	4992.00	1253.18	6117.00	6362.62	14.74	6362.62	PASS
SEC.36-T5N-R63W	SLOT#01 STATE NORTH PLATTE K-O-36HC (350'FNL & 520'FWL,SEC.36)	STATE NORTH PLATTE K-O-36HC ST01	STATE NORTH PLATTE K-O-36HC ST01 AWB	STATE NORTH PLATTE K-O-36HC ST01 AWP	1052.00	3145.61	10817.00	11408.18	15.02	11408.18	PASS
SEC.26-T5N-R63W	SLOT#13 STATE NORTH PLATTE A11-E14-26HNC (376'FNL & 1080'FWL, SEC.26)	STATE NORTH PLATTE A11-E14-26HNC	STATE NORTH PLATTE A11-E14-26HNC AWB	STATE NORTH PLATTE A11-E14-26HNC AWP	6072.00	2650.39	6072.00	6417.00	15.03	6417.00	PASS
SEC.26-T5N-R63W	SLOT#04 STATE NORTH PLATTE 11-14-26HNB (393'FNL & 956'FWL,SEC.26)	STATE NORTH PLATTE 11-14-26HNB	STATE NORTH PLATTE 11-14-26HNB AWB	STATE NORTH PLATTE 11-14-26HNB AWP	6017.00	2295.16	6017.00	6236.36	15.28	6236.36	PASS
SEC.26-T5N-R63W	SLOT#05 STATE NORTH PLATTE 11-14-26HC (377'FNL & 956'FWL,SEC.26)	STATE NORTH PLATTE 11-14-26HC	STATE NORTH PLATTE 11-14-26HC AWB	STATE NORTH PLATTE 11-14-26HC AWP	6102.00	2323.34	6102.00	6299.41	15.35	6299.41	PASS
SEC.26-T5N-R63W	SLOT#17 STATE NORTH PLATTE A-E-26HNB (456'FNL & 1081'FWL, SEC.26)	STATE NORTH PLATTE A-E-26HNB	STATE NORTH PLATTE A-E-26HNB AWB	STATE NORTH PLATTE A-E-26HNB AWP	6017.00	2931.65	6017.00	6617.00	16.54	6617.00	PASS
SEC.36-T5N-R63W	SLOT#01 STATE NORTH PLATTE K-O-36HC (350'FNL & 520'FWL,SEC.36)	STATE NORTH PLATTE K-O-36HC	STATE NORTH PLATTE K-O-36HC AWB	STATE NORTH PLATTE K-O-36HC AWP	1052.00	3145.61	9017.00	11217.00	19.90	11217.00	PASS
SEC.02-T4N-R63W	SLOT#08 Ex.Latham 14-2 (614'FSL & 719'FWL,SEC.2)	Ex.Latham 14-2	Ex.Latham 14-2 AWB	Ex.Latham 14-2 AWP	11408.18	5559.70	11408.18	11408.18	37.09	11408.18	PASS
SEC.26-T5N-R63W	SLOT#16 NORTH PLATTE O24-K21-23HNB (436'FNL & 1081'FWL, SEC.26)	NORTH PLATTE O24-K21-23HNB	NORTH PLATTE O24-K21-23HNB AWB	NORTH PLATTE O24-K21-23HNB AWP	217.00	4566.97	3217.00	6278.61	67.28	6278.61	PASS
SEC.26-T5N-R63W	SLOT#14 NORTH PLATTE J-F-23HNB (396'FNL & 1080'FWL, SEC.26)	NORTH PLATTE J-F-23HNB	NORTH PLATTE J-F-23HNB AWB	NORTH PLATTE J-F-23HNB AWP	17.00	4605.78	17.00	7867.01	68.73	7867.01	PASS
SEC.26-T5N-R63W	SLOT#18 NORTH PLATTE E-A-23HNC (496'FNL & 1081'FWL, SEC.26)	NORTH PLATTE E-A-23HNC	NORTH PLATTE E-A-23HNC AWB	NORTH PLATTE E-A-23HNC AWP	210.20	4511.39	210.20	7867.04	69.97	7867.04	PASS
SEC.26-T5N-R63W	SLOT#12 NORTH PLATTE E14-A11-23HNB (356'FNL & 1080'FWL, SEC.26)	NORTH PLATTE E14-A11-23HNB	NORTH PLATTE E14-A11-23HNB AWB	NORTH PLATTE E14-A11-23HNB AWP	17.00	4643.41	17.00	7867.03	70.20	7867.03	PASS
SEC.26-T5N-R63W	SLOT#11 NORTH PLATTE J14-F11-23HC (336'FNL & 1080'FWL, SEC.26)	NORTH PLATTE J14-F11-23HC	NORTH PLATTE J14-F11-23HC AWB	NORTH PLATTE J14-F11-23HC AWP	17.00	4662.24	17.00	7867.02	70.95	7867.02	PASS
SEC.26-T5N-R63W	SLOT#15 NORTH PLATTE 24-21-23HNC (416'FNL & 1080'FWL, SEC.26)	NORTH PLATTE 24-21-23HNC	NORTH PLATTE 24-21-23HNC AWB	NORTH PLATTE 24-21-23HNC AWP	217.00	4586.05	229.50	6217.00	85.43	6217.00	PASS

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **Existing North Platte X-D-35HZ AWB** Offset Wellpath: **Existing North Platte X-D-35HZ AWP**

Facility: SEC.36-T5N-R63W **Slot: SLOT#03 Existing North Platte X-D-35HZ (1090'FSL & 1093'FWL,SEC.36)** **Well: North Platte X-D-35HZ** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	2.00	17.00	-4557.61	3587.40	141.79	5800.11	25.40	235.73	PASS
117.00†	117.00	0.00	0.00	98.32	113.32	-4557.39	3587.73	141.79	5800.14	60.20	97.63	PASS
200.00	200.00	0.00	0.00	258.15	273.13	-4555.58	3589.12	141.77	5800.04	60.22	97.60	PASS
217.00†	217.00	-0.04	0.03	269.82	284.80	-4555.37	3589.16	-8.24	5799.78	60.22	97.59	PASS
317.00†	316.97	-2.07	1.19	338.44	353.41	-4554.32	3589.50	-8.26	5796.57	60.28	97.45	PASS
417.00†	416.79	-7.11	4.11	459.74	474.70	-4552.52	3590.27	-8.30	5790.05	60.28	97.15	PASS
517.00†	516.35	-15.17	8.76	737.13	751.99	-4545.88	3588.88	-8.40	5779.28	60.41	96.77	PASS
600.00	598.70	-24.14	13.94	866.41	881.12	-4541.43	3584.99	-8.47	5765.25	60.51	96.37	PASS
617.00†	615.54	-26.19	15.12	910.48	925.13	-4539.97	3583.22	-8.47	5762.06	60.53	96.29	PASS
717.00†	714.56	-38.25	22.08	1104.51	1118.70	-4533.25	3571.66	-8.46	5741.77	60.60	95.82	PASS
817.00†	813.59	-50.30	29.04	1198.57	1212.39	-4531.06	3563.71	-8.43	5721.03	60.72	95.29	PASS
917.00†	912.62	-62.35	36.00	1328.08	1341.19	-4530.20	3550.22	-8.36	5700.44	60.85	94.75	PASS
1017.00†	1011.64	-74.40	42.96	1489.98	1501.96	-4528.56	3531.20	-8.24	5678.71	60.98	94.18	PASS
1117.00†	1110.67	-86.46	49.92	2357.10	2351.28	-4487.85	3370.34	-7.33	5651.25	60.79	94.02	PASS
1217.00†	1209.70	-98.51	56.87	2416.26	2407.96	-4484.67	3353.71	-7.22	5616.35	61.08	93.00	PASS
1317.00†	1308.72	-110.56	63.83	2499.70	2487.91	-4480.81	3330.13	-7.05	5581.96	61.37	91.98	PASS
1417.00†	1407.75	-122.62	70.79	2749.58	2725.21	-4468.21	3252.96	-6.50	5544.91	61.69	90.89	PASS
1517.00†	1506.78	-134.67	77.75	2780.89	2754.88	-4466.68	3243.06	-6.42	5508.47	62.05	89.76	PASS
1617.00†	1605.80	-146.72	84.71	2812.54	2784.97	-4465.31	3233.38	-6.35	5473.09	61.94	88.77	PASS
1717.00†	1704.83	-158.77	91.67	2851.95	2822.60	-4463.83	3221.74	-6.26	5438.77	62.16	87.90	PASS
1817.00†	1803.86	-170.83	98.63	2950.41	2916.79	-4459.77	3193.31	-6.05	5404.69	62.42	86.99	PASS
1917.00†	1902.88	-182.88	105.59	2995.01	2959.58	-4457.84	3180.95	-5.95	5371.19	62.66	86.11	PASS
2015.07	2000.00	-194.70	112.41	3051.64	3014.15	-4455.47	3165.95	-5.84	5339.18	62.91	85.25	PASS
2017.00†	2001.91	-194.93	112.54	3053.59	3016.02	-4455.39	3165.44	-5.82	5338.55	62.92	85.24	PASS
2117.00†	2101.17	-205.38	118.69	3169.14	3127.49	-4450.19	3135.41	-4.41	5307.76	63.24	84.32	PASS
2217.00†	2200.79	-212.73	123.28	3682.54	3614.22	-4422.55	2976.08	-0.86	5278.15	64.10	82.71	PASS
2267.67	2251.37	-215.26	125.01	3703.94	3634.00	-4421.45	2968.00	1.46	5261.77	64.32	82.17	PASS
2317.00†	2300.63	-217.34	126.49	3723.88	3652.48	-4420.44	2960.59	1.52	5246.49	64.52	81.68	PASS
2417.00†	2400.49	-221.56	129.50	3764.66	3690.45	-4418.43	2945.82	1.65	5216.26	64.93	80.69	PASS
2517.00†	2500.36	-225.78	132.50	3839.16	3760.16	-4414.73	2919.81	1.88	5186.85	65.41	79.64	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **Existing North Platte X-D-35HZ AWB** Offset Wellpath: **Existing North Platte X-D-35HZ AWP**

Facility: SEC.36-T5N-R63W **Slot: SLOT#03 Existing North Platte X-D-35HZ (1090'FSL & 1093'FWL,SEC.36)** **Well: North Platte X-D-35HZ** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2617.00†	2600.23	-230.00	135.51	3950.51	3864.75	-4408.17	2882.16	2.20	5157.53	65.98	78.51	PASS
2717.00†	2700.09	-234.22	138.52	4034.96	3944.41	-4402.05	2854.84	2.43	5128.12	66.49	77.46	PASS
2817.00†	2799.96	-238.43	141.53	4249.41	4146.15	-4384.05	2784.38	3.02	5097.36	67.28	76.09	PASS
2917.00†	2899.82	-242.65	144.54	4320.09	4212.38	-4377.98	2760.47	3.22	5066.24	67.84	75.00	PASS
3017.00†	2999.69	-246.87	147.54	4364.29	4253.89	-4374.27	2745.77	3.35	5035.80	68.34	74.00	PASS
3117.00†	3099.55	-251.09	150.55	4398.41	4286.12	-4371.57	2734.89	3.44	5006.51	68.82	73.05	PASS
3217.00†	3199.42	-255.31	153.56	4432.93	4318.88	-4369.00	2724.35	3.54	4978.42	69.31	72.12	PASS
3317.00†	3299.29	-259.52	156.57	4520.99	4402.64	-4362.83	2697.85	3.77	4951.02	69.93	71.09	PASS
3417.00†	3399.15	-263.74	159.57	4608.48	4485.84	-4356.87	2671.46	4.01	4923.83	70.57	70.06	PASS
3517.00†	3499.02	-267.96	162.58	4671.57	4545.96	-4352.53	2652.85	4.18	4897.06	71.15	69.10	PASS
3617.00†	3598.88	-272.18	165.59	4730.33	4602.20	-4348.47	2636.27	4.32	4871.04	71.73	68.18	PASS
3717.00†	3698.75	-276.39	168.60	4786.69	4656.24	-4344.86	2620.71	4.47	4845.83	72.30	67.29	PASS
3817.00†	3798.61	-280.61	171.61	8532.79	6310.12	-4385.73	226.87	35.82	4812.77	135.97	35.39	PASS
3917.00†	3898.48	-284.83	174.61	8533.04	6310.12	-4385.73	226.62	35.82	4757.74	137.44	34.62	PASS
4017.00†	3998.35	-289.05	177.62	8533.29	6310.13	-4385.73	226.37	35.83	4704.20	138.92	33.86	PASS
4117.00†	4098.21	-293.27	180.63	8533.55	6310.14	-4385.73	226.11	35.83	4652.20	140.39	33.14	PASS
4217.00†	4198.08	-297.48	183.64	8533.81	6310.15	-4385.73	225.85	35.84	4601.78	141.86	32.44	PASS
4317.00†	4297.94	-301.70	186.64	8534.07	6310.16	-4385.72	225.59	35.84	4553.00	143.32	31.77	PASS
4417.00†	4397.81	-305.92	189.65	8534.34	6310.17	-4385.72	225.32	35.84	4505.90	144.77	31.12	PASS
4517.00†	4497.67	-310.14	192.66	8534.62	6310.18	-4385.72	225.04	35.85	4460.56	146.21	30.51	PASS
4617.00†	4597.54	-314.36	195.67	8534.90	6310.19	-4385.72	224.76	35.85	4417.01	147.62	29.92	PASS
4717.00†	4697.41	-318.57	198.67	8535.19	6310.20	-4385.72	224.48	35.85	4375.32	149.02	29.36	PASS
4817.00†	4797.27	-322.79	201.68	8535.48	6310.21	-4385.71	224.19	35.86	4335.53	150.39	28.83	PASS
4917.00†	4897.14	-327.01	204.69	8535.77	6310.22	-4385.71	223.89	35.86	4297.70	151.73	28.32	PASS
5017.00†	4997.00	-331.23	207.70	8536.08	6310.23	-4385.71	223.58	35.87	4261.88	153.03	27.85	PASS
5117.00†	5096.87	-335.45	210.71	8536.39	6310.24	-4385.71	223.27	35.87	4228.13	154.30	27.40	PASS
5217.00†	5196.73	-339.66	213.71	8536.71	6310.25	-4385.70	222.96	35.88	4196.48	155.52	26.98	PASS
5317.00†	5296.60	-343.88	216.72	8537.03	6310.26	-4385.70	222.64	35.88	4167.00	156.68	26.59	PASS
5417.00†	5396.47	-348.10	219.73	8537.36	6310.28	-4385.70	222.31	35.89	4139.72	157.80	26.23	PASS
5517.00†	5496.33	-352.32	222.74	8537.70	6310.29	-4385.70	221.97	35.89	4114.69	158.85	25.90	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **Existing North Platte X-D-35HZ AWB** Offset Wellpath: **Existing North Platte X-D-35HZ AWP**

Facility: SEC.36-T5N-R63W **Slot: SLOT#03 Existing North Platte X-D-35HZ (1090'FSL & 1093'FWL,SEC.36)** **Well: North Platte X-D-35HZ** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5617.00†	5596.20	-356.54	225.74	8538.04	6310.30	-4385.69	221.62	35.90	4091.95	159.85	25.60	PASS
5717.00†	5696.06	-360.75	228.75	8538.39	6310.31	-4385.69	221.27	35.90	4071.55	160.77	25.33	PASS
5747.47	5726.49	-362.04	229.67	8538.50	6310.32	-4385.69	221.16	35.90	4065.80	161.04	25.25	PASS
5817.00†	5795.58	-369.17	231.76	8538.73	6310.33	-4385.69	220.94	10.95	4049.38	161.69	25.04	PASS
5917.00†	5892.28	-393.96	234.71	8538.96	6310.33	-4385.69	220.71	5.71	4013.58	162.98	24.63	PASS
6017.00†	5983.21	-435.17	237.52	8539.07	6310.34	-4385.69	220.60	4.10	3964.07	164.48	24.10	PASS
6117.00†	6065.61	-491.56	240.10	8539.05	6310.34	-4385.69	220.61	3.40	3901.86	165.70	23.55	PASS
6217.00†	6136.97	-561.40	242.37	8538.91	6310.33	-4385.69	220.76	3.09	3828.28	166.65	22.97	PASS
6317.00†	6195.11	-642.58	244.27	8538.63	6310.32	-4385.69	221.04	3.07	3744.96	167.33	22.38	PASS
6417.00†	6238.29	-732.62	245.74	8538.22	6310.31	-4385.69	221.44	3.40	3653.86	167.76	21.78	PASS
6517.00†	6265.18	-828.80	246.72	8537.70	6310.29	-4385.70	221.97	4.81	3557.27	167.99	21.18	PASS
6617.00†	6274.97	-928.19	247.20	8537.07	6310.27	-4385.70	222.59	85.63	3457.78	168.05	20.58	PASS
6623.26	6275.00	-934.45	247.22	8537.03	6310.26	-4385.70	222.63	138.65	3451.52	168.06	20.54	PASS
6717.00†	6275.00	-1028.19	247.39	8536.39	6310.24	-4385.71	223.27	139.22	3357.79	168.05	19.98	PASS
6817.00†	6275.00	-1128.19	247.58	8535.70	6310.22	-4385.71	223.96	139.85	3257.80	168.04	19.39	PASS
6917.00†	6275.00	-1228.19	247.77	8535.00	6310.19	-4385.72	224.67	140.50	3157.81	168.03	18.79	PASS
7017.00†	6275.00	-1328.19	247.95	8534.28	6310.17	-4385.72	225.38	141.18	3057.82	168.02	18.20	PASS
7117.00†	6275.00	-1428.19	248.14	8533.55	6310.14	-4385.73	226.11	141.89	2957.83	168.01	17.61	PASS
7217.00†	6275.00	-1528.19	248.33	8532.82	6310.12	-4385.73	226.85	142.62	2857.84	168.00	17.01	PASS
7317.00†	6275.00	-1628.19	248.51	8532.06	6310.09	-4385.74	227.60	143.38	2757.85	167.99	16.42	PASS
7417.00†	6275.00	-1728.19	248.70	8531.30	6310.06	-4385.75	228.36	144.17	2657.86	167.99	15.82	PASS
7517.00†	6275.00	-1828.19	248.89	8530.52	6310.04	-4385.75	229.14	145.00	2557.88	167.98	15.23	PASS
7617.00†	6275.00	-1928.19	249.07	8529.73	6310.01	-4385.76	229.93	145.85	2457.89	167.97	14.63	PASS
7717.00†	6275.00	-2028.19	249.26	8528.93	6309.98	-4385.77	230.73	146.74	2357.91	167.97	14.04	PASS
7817.00†	6275.00	-2128.19	249.45	8528.11	6309.95	-4385.77	231.55	147.66	2257.92	167.96	13.44	PASS
7917.00†	6275.00	-2228.19	249.64	8527.28	6309.92	-4385.78	232.38	148.63	2157.94	167.96	12.85	PASS
8017.00†	6275.00	-2328.19	249.82	8526.43	6309.90	-4385.79	233.22	149.63	2057.96	167.95	12.25	PASS
8117.00†	6275.00	-2428.19	250.01	8525.57	6309.87	-4385.79	234.08	150.67	1957.98	167.94	11.66	PASS
8217.00†	6275.00	-2528.19	250.20	8524.69	6309.84	-4385.80	234.96	151.76	1858.00	167.94	11.06	PASS
8317.00†	6275.00	-2628.19	250.38	8523.80	6309.81	-4385.81	235.85	152.89	1758.02	167.93	10.47	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **Existing North Platte X-D-35HZ AWB** Offset Wellpath: **Existing North Platte X-D-35HZ AWP**

Facility: SEC.36-T5N-R63W **Slot: SLOT#03 Existing North Platte X-D-35HZ (1090'FSL & 1093'FWL,SEC.36)** **Well: North Platte X-D-35HZ** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
8417.00†	6275.00	-2728.19	250.57	8522.89	6309.78	-4385.82	236.76	154.07	1658.05	167.92	9.87	PASS
8517.00†	6275.00	-2828.19	250.76	8521.96	6309.75	-4385.83	237.69	155.30	1558.08	167.91	9.28	PASS
8617.00†	6275.00	-2928.19	250.95	8521.02	6309.71	-4385.84	238.63	156.58	1458.11	167.90	8.68	PASS
8717.00†	6275.00	-3028.19	251.13	8520.06	6309.68	-4385.84	239.60	157.91	1358.15	167.89	8.09	PASS
8817.00†	6275.00	-3128.19	251.32	8519.08	6309.65	-4385.85	240.58	159.29	1258.19	167.87	7.50	PASS
8917.00†	6275.00	-3228.19	251.51	8518.08	6309.62	-4385.86	241.57	160.74	1158.23	167.85	6.90	PASS
9017.00†	6275.00	-3328.19	251.69	8517.06	6309.59	-4385.87	242.59	162.23	1058.29	167.82	6.31	PASS
9117.00†	6275.00	-3428.19	251.88	8516.02	6309.55	-4385.88	243.63	163.79	958.35	167.78	5.71	PASS
9217.00†	6275.00	-3528.19	252.07	8514.96	6309.52	-4385.89	244.69	165.41	858.43	167.73	5.12	PASS
9317.00†	6275.00	-3628.19	252.26	8513.88	6309.48	-4385.90	245.77	167.09	758.53	167.67	4.52	PASS
9417.00†	6275.00	-3728.19	252.44	8512.78	6309.45	-4385.92	246.87	168.83	658.65	167.58	3.93	PASS
9517.00†	6275.00	-3828.19	252.63	8511.65	6309.41	-4385.93	247.99	170.63	558.82	167.44	3.34	PASS
9617.00†	6275.00	-3928.19	252.82	8510.48	6309.38	-4385.94	249.17	172.53	459.05	167.22	2.75	PASS
9717.00†	6275.00	-4028.19	253.00	8509.27	6309.34	-4385.95	250.38	174.52	359.42	166.85	2.15	PASS
9817.00†	6275.00	-4128.19	253.19	8508.05	6309.30	-4385.96	251.60	176.53	260.05	166.08	1.57	PASS
9917.00†	6275.00	-4228.19	253.38	8506.84	6309.26	-4385.98	252.81	178.56	161.47	163.93	0.98	FAIL
10017.00†	6275.00	-4328.19	253.57	8505.62	6309.22	-4385.99	254.02	-179.41	67.18	150.42	0.45	FAIL
10052.80†	6275.00	-4363.99	253.63	8505.19	6309.21	-4385.99	254.46	-178.69	40.69	119.49	0.34	FAIL
10074.89†	6275.00	-4386.08	253.67	8504.90	6309.20	-4386.00	254.74	-178.21	34.22	85.93	0.40	FAIL
10117.00†	6275.00	-4428.19	253.75	8504.41	6309.19	-4386.00	255.24	-177.38	54.32	151.14	0.36	FAIL
10217.00†	6275.00	-4528.19	253.94	8503.19	6309.15	-4386.01	256.45	-175.35	146.24	168.04	0.87	FAIL
10317.00†	6275.00	-4628.19	254.13	8501.98	6309.11	-4386.03	257.66	-173.33	244.58	168.88	1.45	PASS
10417.00†	6275.00	-4728.19	254.31	8500.76	6309.08	-4386.04	258.88	-171.32	343.87	168.95	2.04	PASS
10517.00†	6275.00	-4828.19	254.50	8499.55	6309.04	-4386.05	260.09	-169.32	443.48	168.93	2.63	PASS
10617.00†	6275.00	-4928.19	254.69	8498.34	6309.00	-4386.06	261.31	-167.35	543.23	168.89	3.22	PASS
10717.00†	6275.00	-5028.19	254.87	8497.12	6308.97	-4386.08	262.52	-165.40	643.05	168.87	3.81	PASS
10817.00†	6275.00	-5128.19	255.06	8495.91	6308.93	-4386.09	263.73	-163.48	742.92	168.85	4.40	PASS
10917.00†	6275.00	-5228.19	255.25	8494.69	6308.89	-4386.10	264.95	-161.60	842.82	168.83	4.99	PASS
11017.00†	6275.00	-5328.19	255.44	8493.48	6308.86	-4386.11	266.16	-159.75	942.74	168.83	5.58	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

POSITIONAL UNCERTAINTY - Offset Wellbore: Existing North Platte X-D-35HZ AWB Offset Wellpath: Existing North Platte X-D-35HZ AWP				
Slot Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

HOLE & CASING SECTIONS - Offset Wellbore: **Existing North Platte X-D-35HZ AWB** Offset Wellpath: **Existing North Platte X-D-35HZ AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	12.00	410.00	398.00	22.00	419.96	-2778.16	2187.08	-2776.86	2187.86
7in Casing Intermediate	12.00	6740.00	6728.00	22.00	6337.89	-2778.16	2187.08	-2717.93	1708.79

WELLPATH COMPOSITION - Offset Wellbore: **Existing North Platte X-D-35HZ AWB** Offset Wellpath: **Existing North Platte X-D-35HZ AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
12.00	10908.00	ISCWSA MWD, Rev. 3 (Standard)	3rd Party Surveys from cogcc <161'-10908'>	Existing North Platte X-D-35HZ AWB
10908.00	10960.00	Blind Drilling (std)	Projection to bit	Existing North Platte X-D-35HZ AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: Existing North Platte X-D-35HZ AWB Offset Wellpath: Existing North Platte X-D-35HZ AWP	
MD Reference: **Rig on SLOT#03 Existing North Platte X-D-35HZ (1090'FSL & 1093'FWL,SEC.36) (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**12.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE K-35-36MRLNB PWB** Offset Wellpath: **STATE NORTH PLATTE K-35-36MRLNB (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#26 STATE NORTH PLATTE K-35-36MRLNB (WELL 5, STATE NORTH PLATTE O-26 PAD)** **Well: STATE NORTH PLATTE K-35-36MRLNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	17.00	17.00	60.48	0.84	0.79	60.48	1.40	99.47	PASS
117.00†	117.00	0.00	0.00	117.00	117.00	60.48	0.84	0.79	60.48	2.02	48.95	PASS
200.00	200.00	0.00	0.00	200.00	200.00	60.48	0.84	0.79	60.48	2.83	29.40	PASS
217.00†	217.00	-0.04	0.03	217.00	217.00	60.48	0.84	-149.23	60.52	3.00	27.17	PASS
317.00†	316.97	-2.07	1.19	316.97	316.97	60.48	0.84	-150.31	62.55	4.20	18.17	PASS
417.00†	416.79	-7.11	4.11	416.79	416.79	60.48	0.84	-152.70	67.67	5.69	13.68	PASS
517.00†	516.35	-15.17	8.76	516.71	516.71	60.43	0.81	-155.88	76.02	7.04	12.06	PASS
600.00	598.70	-24.14	13.94	601.01	600.99	58.93	-0.05	-159.45	84.28	8.16	11.35	PASS
617.00†	615.54	-26.19	15.12	618.27	618.24	58.36	-0.38	-160.30	86.01	8.36	11.28	PASS
717.00†	714.56	-38.25	22.08	719.89	719.67	53.17	-3.38	-165.54	95.03	9.52	10.81	PASS
817.00†	813.59	-50.30	29.04	819.85	819.26	45.76	-7.66	-170.89	102.99	10.47	10.57	PASS
917.00†	912.62	-62.35	36.00	919.10	918.14	38.27	-11.98	-175.48	111.61	11.41	10.45	PASS
1017.00†	1011.64	-74.40	42.96	1018.36	1017.02	30.78	-16.31	-179.40	120.85	12.39	10.36	PASS
1117.00†	1110.67	-86.46	49.92	1117.62	1115.90	23.29	-20.63	177.25	130.57	13.39	10.31	PASS
1217.00†	1209.70	-98.51	56.87	1216.87	1214.78	15.80	-24.96	174.37	140.67	14.42	10.27	PASS
1317.00†	1308.72	-110.56	63.83	1316.13	1313.66	8.30	-29.29	171.88	151.08	15.47	10.24	PASS
1417.00†	1407.75	-122.62	70.79	1415.38	1412.54	0.81	-33.61	169.72	161.73	16.54	10.23	PASS
1517.00†	1506.78	-134.67	77.75	1514.64	1511.41	-6.68	-37.94	167.82	172.59	17.62	10.21	PASS
1617.00†	1605.80	-146.72	84.71	1613.90	1610.29	-14.17	-42.26	166.15	183.61	17.43	10.53	PASS
1717.00†	1704.83	-158.77	91.67	1713.15	1709.17	-21.66	-46.59	164.67	194.76	17.62	11.05	PASS
1817.00†	1803.86	-170.83	98.63	1812.41	1808.05	-29.16	-50.91	163.35	206.03	17.88	11.52	PASS
1917.00†	1902.88	-182.88	105.59	1911.67	1906.93	-36.65	-55.24	162.16	217.40	18.22	11.93	PASS
2015.07	2000.00	-194.70	112.41	2009.01	2003.90	-43.99	-59.48	161.12	228.63	18.61	12.28	PASS
2017.00†	2001.91	-194.93	112.54	2010.92	2005.81	-44.14	-59.56	161.11	228.85	18.62	12.29	PASS
2117.00†	2101.17	-205.38	118.69	2110.32	2104.83	-51.64	-63.89	161.14	238.72	19.12	12.49	PASS
2217.00†	2200.79	-212.73	123.28	2209.92	2204.05	-59.16	-68.23	161.98	245.50	19.77	12.42	PASS
2267.67	2251.37	-215.26	125.01	2260.42	2254.36	-62.97	-70.44	163.41	247.79	20.09	12.33	PASS
2317.00†	2300.63	-217.34	126.49	2309.59	2303.34	-66.68	-72.58	162.60	249.67	20.38	12.25	PASS
2417.00†	2400.49	-221.56	129.50	2409.26	2402.63	-74.20	-76.92	161.00	253.63	20.99	12.08	PASS
2517.00†	2500.36	-225.78	132.50	2508.93	2501.92	-81.73	-81.27	159.45	257.78	21.65	11.91	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE K-35-36MRLNB PWB** Offset Wellpath: **STATE NORTH PLATTE K-35-36MRLNB (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#26 STATE NORTH PLATTE K-35-36MRLNB (WELL 5, STATE NORTH PLATTE O-26 PAD)** **Well: STATE NORTH PLATTE K-35-36MRLNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2617.00†	2600.23	-230.00	135.51	2608.61	2601.22	-89.25	-85.61	157.95	262.12	22.35	11.73	PASS
2717.00†	2700.09	-234.22	138.52	2708.28	2700.51	-96.77	-89.95	156.50	266.63	23.09	11.55	PASS
2817.00†	2799.96	-238.43	141.53	2807.95	2799.80	-104.30	-94.30	155.09	271.30	23.86	11.37	PASS
2917.00†	2899.82	-242.65	144.54	2907.63	2899.10	-111.82	-98.64	153.74	276.14	24.65	11.20	PASS
3017.00†	2999.69	-246.87	147.54	3007.30	2998.39	-119.34	-102.98	152.43	281.12	25.48	11.03	PASS
3117.00†	3099.55	-251.09	150.55	3106.97	3097.68	-126.87	-107.33	151.17	286.24	26.32	10.87	PASS
3217.00†	3199.42	-255.31	153.56	3206.64	3196.98	-134.39	-111.67	149.95	291.50	27.19	10.72	PASS
3317.00†	3299.29	-259.52	156.57	3306.32	3296.27	-141.91	-116.01	148.78	296.89	28.08	10.57	PASS
3417.00†	3399.15	-263.74	159.57	3405.99	3395.57	-149.44	-120.36	147.65	302.39	28.98	10.43	PASS
3517.00†	3499.02	-267.96	162.58	3505.66	3494.86	-156.96	-124.70	146.56	308.01	29.90	10.30	PASS
3617.00†	3598.88	-272.18	165.59	3597.26	3586.02	-164.13	-129.97	145.47	314.95	30.79	10.23	PASS
3717.00†	3698.75	-276.39	168.60	3687.79	3675.87	-171.79	-137.98	144.17	324.73	31.76	10.23	PASS
3817.00†	3798.61	-280.61	171.61	3777.52	3764.58	-179.94	-148.66	142.72	337.44	32.72	10.31	PASS
3917.00†	3898.48	-284.83	174.61	3866.29	3851.93	-188.53	-161.92	141.18	353.12	33.68	10.48	PASS
4017.00†	3998.35	-289.05	177.62	3953.94	3937.69	-197.52	-177.61	139.58	371.81	34.62	10.74	PASS
4117.00†	4098.21	-293.27	180.63	4040.33	4021.66	-206.87	-195.59	137.99	393.53	35.53	11.08	PASS
4217.00†	4198.08	-297.48	183.64	4130.47	4108.70	-217.08	-216.70	136.36	417.99	36.49	11.45	PASS
4317.00†	4297.94	-301.70	186.64	4226.55	4201.37	-228.04	-239.59	134.79	443.20	37.54	11.81	PASS
4417.00†	4397.81	-305.92	189.65	4322.64	4294.05	-238.99	-262.48	133.38	468.68	38.58	12.15	PASS
4517.00†	4497.67	-310.14	192.66	4418.72	4386.72	-249.95	-285.37	132.12	494.41	39.62	12.48	PASS
4617.00†	4597.54	-314.36	195.67	4514.81	4479.39	-260.91	-308.26	130.99	520.34	40.65	12.80	PASS
4717.00†	4697.41	-318.57	198.67	4610.89	4572.06	-271.87	-331.15	129.96	546.45	41.68	13.11	PASS
4817.00†	4797.27	-322.79	201.68	4706.97	4664.73	-282.82	-354.04	129.02	572.70	42.71	13.41	PASS
4917.00†	4897.14	-327.01	204.69	4803.06	4757.41	-293.78	-376.93	128.16	599.09	43.74	13.70	PASS
5017.00†	4997.00	-331.23	207.70	4899.14	4850.08	-304.74	-399.82	127.38	625.59	44.77	13.97	PASS
5117.00†	5096.87	-335.45	210.71	4995.23	4942.75	-315.69	-422.71	126.66	652.19	45.80	14.24	PASS
5217.00†	5196.73	-339.66	213.71	5091.31	5035.42	-326.65	-445.60	126.00	678.88	46.84	14.50	PASS
5317.00†	5296.60	-343.88	216.72	5187.39	5128.09	-337.61	-468.49	125.38	705.65	47.87	14.74	PASS
5417.00†	5396.47	-348.10	219.73	5283.48	5220.77	-348.57	-491.38	124.82	732.49	48.90	14.98	PASS
5517.00†	5496.33	-352.32	222.74	5379.56	5313.44	-359.52	-514.27	124.29	759.39	49.94	15.21	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE K-35-36MRLNB PWB** Offset Wellpath: **STATE NORTH PLATTE K-35-36MRLNB (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#26 STATE NORTH PLATTE K-35-36MRLNB (WELL 5, STATE NORTH PLATTE O-26 PAD)** **Well: STATE NORTH PLATTE K-35-36MRLNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5617.00†	5596.20	-356.54	225.74	6943.73	6285.00	-474.44	225.74	48.68	698.82	46.27	15.10	PASS
5717.00†	5696.06	-360.75	228.75	6946.74	6285.00	-474.44	228.75	46.83	599.81	48.63	12.33	PASS
5747.47	5726.49	-362.04	229.67	6947.66	6285.00	-474.44	229.66	46.26	569.71	49.53	11.50	PASS
5817.00†	5795.58	-369.17	231.76	6949.75	6285.00	-474.44	231.75	42.08	500.61	51.15	9.79	PASS
5917.00†	5892.28	-393.96	234.71	6952.70	6285.00	-474.44	234.70	172.77	400.88	50.54	7.93	PASS
6017.00†	5983.21	-435.17	237.52	6955.51	6285.00	-474.44	237.51	178.91	304.33	44.38	6.86	PASS
6117.00†	6065.61	-491.56	240.10	6958.09	6285.00	-474.44	240.10	-179.75	220.06	43.08	5.11	PASS
6217.00†	6136.97	-561.40	242.37	6960.37	6285.00	-474.44	242.38	-179.18	171.68	97.57	1.76	PASS
6306.61†	6189.74	-633.69	244.09	6962.09	6285.00	-474.44	244.10	-178.87	185.56	151.30	1.23	PASS
6317.00†	6195.11	-642.58	244.27	6962.27	6285.00	-474.44	244.28	-178.84	190.65	154.93	1.23	PASS
6417.00†	6238.29	-732.62	245.74	6963.74	6285.00	-474.44	245.75	-178.55	262.37	170.11	1.54	PASS
6517.00†	6265.18	-828.80	246.72	6964.73	6285.00	-474.44	246.74	-178.19	354.91	171.97	2.06	PASS
6617.00†	6274.97	-928.19	247.20	6965.22	6285.00	-474.44	247.22	-176.11	453.86	172.09	2.64	PASS
6623.26	6275.00	-934.45	247.22	6965.23	6285.00	-474.44	247.24	-174.96	460.12	172.10	2.67	PASS
6717.00†	6275.00	-1028.19	247.39	6965.41	6285.00	-474.44	247.42	-173.94	553.84	172.14	3.22	PASS
6817.00†	6275.00	-1128.19	247.58	6965.60	6285.00	-474.44	247.61	-172.85	653.83	172.18	3.80	PASS
6917.00†	6275.00	-1228.19	247.77	6965.79	6285.00	-474.44	247.80	-171.78	753.81	172.23	4.38	PASS
7017.00†	6275.00	-1328.19	247.95	6965.99	6285.00	-474.44	247.99	-170.70	853.81	172.28	4.96	PASS
7117.00†	6275.00	-1428.19	248.14	6966.18	6285.00	-474.44	248.18	-169.64	953.80	172.34	5.53	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: STATE NORTH PLATTE K-35-36MRLNB PWB** **Offset Wellpath: STATE NORTH PLATTE K-35-36MRLNB (REV-A.0) PWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

HOLE & CASING SECTIONS - Offset Wellbore: **STATE NORTH PLATTE K-35-36MRLNB PWB** Offset Wellpath: **STATE NORTH PLATTE K-35-36MRLNB (REV-A.0) PWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	17.00	1550.00	1533.00	17.00	1546.64	36.87	0.51	15.58	-11.78

SURVEY PROGRAM - **Offset Wellbore:** **Offset Wellpath: STATE NORTH PLATTE K-35-36MRLNB (REV-A.0) PWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1550.00	BHI NaviTrak (Rotating+Axial Corr)		STATE NORTH PLATTE K-35-36MRLNB PWB
1550.00	14099.23	BHI AutoTrak Curve (Axial Corr, Short spacing)		STATE NORTH PLATTE K-35-36MRLNB PWB

OFFSET WELLPATH REFERENCE - **Offset Wellbore: STATE NORTH PLATTE K-35-36MRLNB PWB** **Offset Wellpath: STATE NORTH PLATTE K-35-36MRLNB (REV-A.0) PWP**

MD Reference: **RIG (4550'GL + 17'RKB) (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE 31-35-2MRLNC PWB** Offset Wellpath: **NORTH PLATTE 31-35-2MRLNC (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#29 NORTH PLATTE 31-35-2MRLNC (WELL 4, STATE NORTH PLATTE O-26 PAD)** **Well: NORTH PLATTE 31-35-2MRLNC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	17.00	17.00	79.78	0.84	0.60	79.79	1.40	131.64	PASS
117.00†	117.00	0.00	0.00	117.00	117.00	79.78	0.84	0.60	79.79	2.02	64.78	PASS
200.00	200.00	0.00	0.00	200.00	200.00	79.78	0.84	0.60	79.79	2.83	38.92	PASS
217.00†	217.00	-0.04	0.03	217.00	217.00	79.78	0.84	-149.42	79.83	3.00	35.95	PASS
317.00†	316.97	-2.07	1.19	316.97	316.97	79.78	0.84	-150.23	81.85	4.20	23.85	PASS
417.00†	416.79	-7.11	4.11	416.79	416.79	79.78	0.84	-152.09	86.96	5.68	17.65	PASS
517.00†	516.35	-15.17	8.76	516.35	516.35	79.78	0.84	-154.64	95.29	7.02	15.18	PASS
600.00	598.70	-24.14	13.94	598.70	598.70	79.78	0.84	-156.99	104.75	8.05	14.33	PASS
617.00†	615.54	-26.19	15.12	615.54	615.54	79.78	0.84	-157.48	106.94	8.24	14.27	PASS
717.00†	714.56	-38.25	22.08	714.56	714.56	79.78	0.84	-160.03	119.93	9.20	14.19	PASS
817.00†	813.59	-50.30	29.04	813.59	813.59	79.78	0.84	-162.07	133.11	10.17	14.12	PASS
917.00†	912.62	-62.35	36.00	912.62	912.62	79.78	0.84	-163.75	146.42	11.15	14.07	PASS
1017.00†	1011.64	-74.40	42.96	1011.64	1011.64	79.78	0.84	-165.14	159.84	12.11	14.06	PASS
1117.00†	1110.67	-86.46	49.92	1110.67	1110.67	79.78	0.84	-166.32	173.34	13.14	13.98	PASS
1217.00†	1209.70	-98.51	56.87	1209.70	1209.70	79.78	0.84	-167.33	186.89	14.15	13.94	PASS
1317.00†	1308.72	-110.56	63.83	1308.72	1308.72	79.78	0.84	-168.20	200.50	15.16	13.91	PASS
1417.00†	1407.75	-122.62	70.79	1407.75	1407.75	79.78	0.84	-168.96	214.15	16.18	13.88	PASS
1517.00†	1506.78	-134.67	77.75	1506.78	1506.78	79.78	0.84	-169.63	227.83	17.20	13.85	PASS
1617.00†	1605.80	-146.72	84.71	1605.80	1605.80	79.78	0.84	-170.23	241.54	16.95	14.25	PASS
1717.00†	1704.83	-158.77	91.67	1704.83	1704.83	79.78	0.84	-170.76	255.27	17.04	14.98	PASS
1817.00†	1803.86	-170.83	98.63	1803.86	1803.86	79.78	0.84	-171.23	269.01	17.17	15.67	PASS
1917.00†	1902.88	-182.88	105.59	1902.88	1902.88	79.78	0.84	-171.66	282.78	17.36	16.29	PASS
2015.07	2000.00	-194.70	112.41	2000.00	2000.00	79.78	0.84	-172.05	296.29	17.61	16.83	PASS
2017.00†	2001.91	-194.93	112.54	2002.09	2002.09	79.78	0.84	-172.04	296.56	17.61	16.84	PASS
2117.00†	2101.17	-205.38	118.69	2111.19	2111.16	78.55	2.61	-171.12	306.91	18.03	17.03	PASS
2217.00†	2200.79	-212.73	123.28	2221.02	2220.81	74.92	7.83	-168.61	310.60	18.70	16.61	PASS
2267.67	2251.37	-215.26	125.01	2276.69	2276.26	72.17	11.80	-166.05	309.92	19.04	16.28	PASS
2317.00†	2300.63	-217.34	126.49	2330.78	2330.05	68.90	16.50	-165.58	308.05	19.33	15.94	PASS
2417.00†	2400.49	-221.56	129.50	2439.98	2438.25	60.54	28.53	-164.28	302.00	19.93	15.15	PASS
2517.00†	2500.36	-225.78	132.50	2548.30	2544.96	49.93	43.79	-162.46	293.05	20.59	14.23	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE 31-35-2MRLNC PWB** Offset Wellpath: **NORTH PLATTE 31-35-2MRLNC (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#29 NORTH PLATTE 31-35-2MRLNC (WELL 4, STATE NORTH PLATTE O-26 PAD)** **Well: NORTH PLATTE 31-35-2MRLNC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2617.00†	2600.23	-230.00	135.51	2652.89	2647.29	37.61	61.53	-160.11	281.61	21.27	13.24	PASS
2717.00†	2700.09	-234.22	138.52	2751.47	2743.55	25.50	78.97	-157.58	269.97	21.97	12.29	PASS
2817.00†	2799.96	-238.43	141.53	2850.04	2839.81	13.38	96.40	-154.84	258.92	22.71	11.40	PASS
2917.00†	2899.82	-242.65	144.54	2948.61	2936.08	1.27	113.83	-151.86	248.51	23.64	10.51	PASS
3017.00†	2999.69	-246.87	147.54	3047.19	3032.34	-10.84	131.26	-148.63	238.83	24.60	9.71	PASS
3117.00†	3099.55	-251.09	150.55	3145.76	3128.60	-22.95	148.69	-145.16	229.98	25.66	8.96	PASS
3217.00†	3199.42	-255.31	153.56	3244.33	3224.86	-35.06	166.12	-141.42	222.06	26.81	8.28	PASS
3317.00†	3299.29	-259.52	156.57	3342.91	3321.12	-47.18	183.56	-137.43	215.17	28.04	7.67	PASS
3417.00†	3399.15	-263.74	159.57	3441.48	3417.38	-59.29	200.99	-133.21	209.40	29.35	7.13	PASS
3517.00†	3499.02	-267.96	162.58	3540.05	3513.64	-71.40	218.42	-128.78	204.86	30.72	6.67	PASS
3617.00†	3598.88	-272.18	165.59	3638.62	3609.90	-83.51	235.85	-124.18	201.62	32.14	6.27	PASS
3717.00†	3698.75	-276.39	168.60	3737.20	3706.16	-95.62	253.28	-119.47	199.76	33.56	5.95	PASS
3817.00†	3798.61	-280.61	171.61	3835.77	3802.42	-107.74	270.72	-114.71	199.31	34.98	5.70	PASS
3917.00†	3898.48	-284.83	174.61	3934.34	3898.68	-119.85	288.15	-109.95	200.27	36.37	5.51	PASS
4017.00†	3998.35	-289.05	177.62	4032.92	3994.94	-131.96	305.58	-105.28	202.64	37.71	5.37	PASS
4117.00†	4098.21	-293.27	180.63	4131.49	4091.20	-144.07	323.01	-100.73	206.35	38.98	5.29	PASS
4217.00†	4198.08	-297.48	183.64	4230.06	4187.46	-156.19	340.44	-96.37	211.34	40.18	5.26	PASS
4317.00†	4297.94	-301.70	186.64	4328.63	4283.72	-168.30	357.87	-92.23	217.53	41.32	5.26	PASS
4417.00†	4397.81	-305.92	189.65	4427.21	4379.98	-180.41	375.31	-88.33	224.81	42.39	5.30	PASS
4517.00†	4497.67	-310.14	192.66	4525.78	4476.24	-192.52	392.74	-84.69	233.08	43.40	5.37	PASS
4617.00†	4597.54	-314.36	195.67	4624.35	4572.50	-204.63	410.17	-81.31	242.23	44.37	5.46	PASS
4717.00†	4697.41	-318.57	198.67	4722.93	4668.76	-216.75	427.60	-78.17	252.18	45.29	5.57	PASS
4817.00†	4797.27	-322.79	201.68	4821.50	4765.02	-228.86	445.03	-75.28	262.84	46.20	5.69	PASS
4917.00†	4897.14	-327.01	204.69	4920.07	4861.28	-240.97	462.47	-72.61	274.11	47.08	5.82	PASS
5017.00†	4997.00	-331.23	207.70	5018.65	4957.54	-253.08	479.90	-70.16	285.93	47.95	5.96	PASS
5117.00†	5096.87	-335.45	210.71	5117.22	5053.80	-265.20	497.33	-67.91	298.23	48.81	6.11	PASS
5217.00†	5196.73	-339.66	213.71	5215.79	5150.06	-277.31	514.76	-65.83	310.96	49.68	6.26	PASS
5317.00†	5296.60	-343.88	216.72	5314.36	5246.32	-289.42	532.19	-63.91	324.06	50.54	6.41	PASS
5417.00†	5396.47	-348.10	219.73	5412.94	5342.58	-301.53	549.62	-62.15	337.49	51.40	6.57	PASS
5517.00†	5496.33	-352.32	222.74	5511.51	5438.84	-313.64	567.06	-60.52	351.22	52.27	6.72	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE 31-35-2MRLNC PWB** Offset Wellpath: **NORTH PLATTE 31-35-2MRLNC (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#29 NORTH PLATTE 31-35-2MRLNC (WELL 4, STATE NORTH PLATTE O-26 PAD)** **Well: NORTH PLATTE 31-35-2MRLNC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5617.00†	5596.20	-356.54	225.74	5610.08	5535.10	-325.76	584.49	-59.01	365.21	53.15	6.87	PASS
5717.00†	5696.06	-360.75	228.75	5708.66	5631.37	-337.87	601.92	-57.62	379.43	54.03	7.02	PASS
5747.47	5726.49	-362.04	229.67	5738.69	5660.69	-341.56	607.23	-57.21	383.80	54.30	7.07	PASS
5817.00†	5795.58	-369.17	231.76	5807.41	5727.80	-350.00	619.38	-80.88	393.97	55.11	7.15	PASS
5917.00†	5892.28	-393.96	234.71	5905.41	5823.50	-362.04	636.71	-86.33	409.09	57.00	7.18	PASS
6017.00†	5983.21	-435.17	237.52	6006.76	5921.82	-378.52	654.53	-89.88	425.30	59.64	7.13	PASS
6117.00†	6065.61	-491.56	240.10	6115.95	6023.03	-414.66	672.91	-92.56	441.65	63.00	7.01	PASS
6217.00†	6136.97	-561.40	242.37	6231.81	6120.97	-473.55	690.75	-94.69	457.18	66.87	6.84	PASS
6317.00†	6195.11	-642.58	244.27	6354.67	6209.83	-556.47	707.01	-96.38	470.91	70.92	6.64	PASS
6417.00†	6238.29	-732.62	245.74	6484.19	6282.44	-662.55	720.38	-97.64	481.81	74.98	6.43	PASS
6517.00†	6265.18	-828.80	246.72	6619.14	6331.19	-787.72	729.48	-98.45	488.98	78.94	6.19	PASS
6617.00†	6274.97	-928.19	247.20	6757.29	6349.91	-924.21	733.18	-98.77	491.73	82.78	5.94	PASS
6623.26	6275.00	-934.45	247.22	6765.98	6350.00	-932.90	733.21	-98.77	491.75	83.01	5.92	PASS
6717.00†	6275.00	-1028.19	247.39	6860.16	6350.00	-1027.08	733.43	-98.77	491.79	87.47	5.62	PASS
6817.00†	6275.00	-1128.19	247.58	6960.16	6350.00	-1127.08	733.66	-98.77	491.83	92.52	5.32	PASS
6917.00†	6275.00	-1228.19	247.77	7060.16	6350.00	-1227.08	733.89	-98.77	491.87	97.74	5.03	PASS
7017.00†	6275.00	-1328.19	247.95	7160.16	6350.00	-1327.08	734.11	-98.77	491.91	103.08	4.77	PASS
7117.00†	6275.00	-1428.19	248.14	7260.16	6350.00	-1427.08	734.34	-98.77	491.96	108.53	4.53	PASS
7217.00†	6275.00	-1528.19	248.33	7360.16	6350.00	-1527.08	734.57	-98.77	492.00	114.06	4.31	PASS
7317.00†	6275.00	-1628.19	248.51	7460.16	6350.00	-1627.08	734.80	-98.77	492.04	119.67	4.11	PASS
7417.00†	6275.00	-1728.19	248.70	7560.16	6350.00	-1727.08	735.03	-98.77	492.08	125.34	3.93	PASS
7517.00†	6275.00	-1828.19	248.89	7660.16	6350.00	-1827.08	735.26	-98.77	492.12	131.07	3.75	PASS
7617.00†	6275.00	-1928.19	249.07	7760.16	6350.00	-1927.08	735.49	-98.77	492.16	135.35	3.64	PASS
7717.00†	6275.00	-2028.19	249.26	7860.16	6350.00	-2027.08	735.72	-98.77	492.20	142.67	3.45	PASS
7817.00†	6275.00	-2128.19	249.45	7960.16	6350.00	-2127.08	735.95	-98.76	492.24	148.53	3.31	PASS
7917.00†	6275.00	-2228.19	249.64	8060.16	6350.00	-2227.08	736.17	-98.76	492.29	154.43	3.19	PASS
8017.00†	6275.00	-2328.19	249.82	8160.16	6350.00	-2327.08	736.40	-98.76	492.33	160.36	3.07	PASS
8117.00†	6275.00	-2428.19	250.01	8260.16	6350.00	-2427.08	736.63	-98.76	492.37	166.31	2.96	PASS
8217.00†	6275.00	-2528.19	250.20	8360.16	6350.00	-2527.08	736.86	-98.76	492.41	172.29	2.86	PASS
8317.00†	6275.00	-2628.19	250.38	8460.16	6350.00	-2627.08	737.09	-98.76	492.45	178.29	2.76	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE 31-35-2MRLNC PWB** Offset Wellpath: **NORTH PLATTE 31-35-2MRLNC (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#29 NORTH PLATTE 31-35-2MRLNC (WELL 4, STATE NORTH PLATTE O-26 PAD)** **Well: NORTH PLATTE 31-35-2MRLNC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
8417.00†	6275.00	-2728.19	250.57	8560.16	6350.00	-2727.08	737.32	-98.76	492.49	184.31	2.67	PASS
8517.00†	6275.00	-2828.19	250.76	8660.16	6350.00	-2827.08	737.55	-98.76	492.53	190.35	2.59	PASS
8617.00†	6275.00	-2928.19	250.95	8760.16	6350.00	-2927.08	737.78	-98.76	492.58	196.40	2.51	PASS
8717.00†	6275.00	-3028.19	251.13	8860.16	6350.00	-3027.07	738.01	-98.76	492.62	202.47	2.43	PASS
8817.00†	6275.00	-3128.19	251.32	8960.16	6350.00	-3127.07	738.23	-98.76	492.66	208.56	2.36	PASS
8917.00†	6275.00	-3228.19	251.51	9060.16	6350.00	-3227.07	738.46	-98.76	492.70	214.65	2.30	PASS
9017.00†	6275.00	-3328.19	251.69	9160.16	6350.00	-3327.07	738.69	-98.76	492.74	220.76	2.23	PASS
9117.00†	6275.00	-3428.19	251.88	9260.16	6350.00	-3427.07	738.92	-98.75	492.78	226.88	2.17	PASS
9217.00†	6275.00	-3528.19	252.07	9360.16	6350.00	-3527.07	739.15	-98.75	492.82	233.00	2.12	PASS
9317.00†	6275.00	-3628.19	252.26	9460.16	6350.00	-3627.07	739.38	-98.75	492.86	239.14	2.06	PASS
9417.00†	6275.00	-3728.19	252.44	9560.16	6350.00	-3727.07	739.61	-98.75	492.91	245.28	2.01	PASS
9517.00†	6275.00	-3828.19	252.63	9660.16	6350.00	-3827.07	739.84	-98.75	492.95	251.43	1.96	PASS
9617.00†	6275.00	-3928.19	252.82	9760.16	6350.00	-3927.07	740.07	-98.75	492.99	257.59	1.91	PASS
9717.00†	6275.00	-4028.19	253.00	9860.16	6350.00	-4027.07	740.29	-98.75	493.03	263.76	1.87	PASS
9817.00†	6275.00	-4128.19	253.19	9960.16	6350.00	-4127.07	740.52	-98.75	493.07	269.93	1.83	PASS
9917.00†	6275.00	-4228.19	253.38	10060.16	6350.00	-4227.07	740.75	-98.75	493.11	276.11	1.79	PASS
10017.00†	6275.00	-4328.19	253.57	10160.16	6350.00	-4327.07	740.98	-98.75	493.15	282.29	1.75	PASS
10117.00†	6275.00	-4428.19	253.75	10260.16	6350.00	-4427.07	741.21	-98.75	493.19	288.48	1.71	PASS
10217.00†	6275.00	-4528.19	253.94	10360.16	6350.00	-4527.07	741.44	-98.75	493.24	294.67	1.67	PASS
10317.00†	6275.00	-4628.19	254.13	10460.16	6350.00	-4627.07	741.67	-98.75	493.28	300.87	1.64	PASS
10417.00†	6275.00	-4728.19	254.31	10560.16	6350.00	-4727.07	741.90	-98.75	493.32	307.07	1.61	PASS
10517.00†	6275.00	-4828.19	254.50	10660.16	6350.00	-4827.07	742.13	-98.74	493.36	313.27	1.57	PASS
10617.00†	6275.00	-4928.19	254.69	10760.16	6350.00	-4927.07	742.35	-98.74	493.40	319.48	1.54	PASS
10717.00†	6275.00	-5028.19	254.87	10860.16	6350.00	-5027.07	742.58	-98.74	493.44	325.69	1.52	PASS
10817.00†	6275.00	-5128.19	255.06	10960.16	6350.00	-5127.07	742.81	-98.74	493.48	331.91	1.49	PASS
10917.00†	6275.00	-5228.19	255.25	11060.16	6350.00	-5227.07	743.04	-98.74	493.53	338.12	1.46	PASS
11017.00†	6275.00	-5328.19	255.44	11160.16	6350.00	-5327.07	743.27	-98.74	493.57	344.35	1.43	PASS
11117.00†	6275.00	-5428.19	255.62	11260.16	6350.00	-5427.07	743.50	-98.74	493.61	350.57	1.41	PASS
11217.00†	6275.00	-5528.18	255.81	11360.16	6350.00	-5527.07	743.73	-98.74	493.65	356.80	1.38	PASS
11317.00†	6275.00	-5628.18	256.00	11460.16	6350.00	-5627.07	743.96	-98.74	493.69	363.02	1.36	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE 31-35-2MRLNC PWB** Offset Wellpath: **NORTH PLATTE 31-35-2MRLNC (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#29 NORTH PLATTE 31-35-2MRLNC (WELL 4, STATE NORTH PLATTE O-26 PAD)** **Well: NORTH PLATTE 31-35-2MRLNC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
11408.18	6275.00	-5719.36	256.17	11551.34	6350.00	-5718.25	744.17	-98.74	493.73	368.70	1.34	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: NORTH PLATTE 31-35-2MRLNC PWB** **Offset Wellpath: NORTH PLATTE 31-35-2MRLNC (REV-A.0) PWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

HOLE & CASING SECTIONS - Offset Wellbore: **NORTH PLATTE 31-35-2MRLNC PWB** Offset Wellpath: **NORTH PLATTE 31-35-2MRLNC (REV-A.0) PWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	17.00	1550.00	1533.00	17.00	1550.00	48.64	0.51	48.64	0.51

SURVEY PROGRAM - **Offset Wellbore:** **Offset Wellpath: NORTH PLATTE 31-35-2MRLNC (REV-A.0) PWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1550.00	BHI NaviTrak (Rotating+Axial Corr)		NORTH PLATTE 31-35-2MRLNC PWB
1550.00	11552.48	BHI AutoTrak Curve (Axial Corr, Short spacing)		NORTH PLATTE 31-35-2MRLNC PWB

OFFSET WELLPATH REFERENCE - **Offset Wellbore: NORTH PLATTE 31-35-2MRLNC PWB** **Offset Wellpath: NORTH PLATTE 31-35-2MRLNC (REV-A.0) PWP**

MD Reference: **RIG (4550'GL + 17'RKB) (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE 21-35-2MRLNB PWB** Offset Wellpath: **NORTH PLATTE 21-35-2MRLNB (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#23 NORTH PLATTE 21-35-2MRLNB (WELL 6, STATE NORTH PLATTE I-26 PAD)** **Well: NORTH PLATTE 21-35-2MRLNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	22.00	17.00	941.03	-1027.97	-47.53	1393.65	1.42	2263.02	PASS
117.00†	117.00	0.00	0.00	122.00	117.00	941.03	-1027.97	-47.53	1393.65	2.05	1119.88	PASS
200.00	200.00	0.00	0.00	205.00	200.00	941.03	-1027.97	-47.53	1393.65	2.86	678.05	PASS
217.00†	217.00	-0.04	0.03	222.00	217.00	941.03	-1027.97	162.47	1393.70	3.03	626.30	PASS
317.00†	316.97	-2.07	1.19	321.97	316.97	941.03	-1027.97	162.49	1395.93	4.26	403.41	PASS
417.00†	416.79	-7.11	4.11	421.79	416.79	941.03	-1027.97	162.53	1401.49	5.80	280.38	PASS
517.00†	516.35	-15.17	8.76	521.35	516.35	941.03	-1027.97	162.59	1410.37	7.14	222.48	PASS
600.00	598.70	-24.14	13.94	603.70	598.70	941.03	-1027.97	162.65	1420.26	8.15	193.31	PASS
617.00†	615.54	-26.19	15.12	620.54	615.54	941.03	-1027.97	162.68	1422.52	8.32	189.07	PASS
717.00†	714.56	-38.25	22.08	719.56	714.56	941.03	-1027.97	162.85	1435.83	9.25	169.89	PASS
817.00†	813.59	-50.30	29.04	818.59	813.59	941.03	-1027.97	163.01	1449.14	10.20	154.05	PASS
917.00†	912.62	-62.35	36.00	917.62	912.62	941.03	-1027.97	163.17	1462.47	11.18	140.88	PASS
1017.00†	1011.64	-74.40	42.96	1016.64	1011.64	941.03	-1027.97	163.32	1475.80	12.17	129.76	PASS
1117.00†	1110.67	-86.46	49.92	1115.67	1110.67	941.03	-1027.97	163.48	1489.15	13.17	120.33	PASS
1217.00†	1209.70	-98.51	56.87	1214.70	1209.70	941.03	-1027.97	163.63	1502.51	14.18	112.23	PASS
1317.00†	1308.72	-110.56	63.83	1313.72	1308.72	941.03	-1027.97	163.78	1515.88	15.20	105.21	PASS
1417.00†	1407.75	-122.62	70.79	1412.75	1407.75	941.03	-1027.97	163.92	1529.26	16.23	99.08	PASS
1517.00†	1506.78	-134.67	77.75	1511.78	1506.78	941.03	-1027.97	164.06	1542.64	17.26	93.69	PASS
1617.00†	1605.80	-146.72	84.71	1610.80	1605.80	941.03	-1027.97	164.21	1556.04	17.01	91.50	PASS
1717.00†	1704.83	-158.77	91.67	1709.83	1704.83	941.03	-1027.97	164.34	1569.45	17.10	91.77	PASS
1817.00†	1803.86	-170.83	98.63	1808.86	1803.86	941.03	-1027.97	164.48	1582.86	17.25	91.78	PASS
1917.00†	1902.88	-182.88	105.59	1907.88	1902.88	941.03	-1027.97	164.61	1596.28	17.46	91.45	PASS
2015.07	2000.00	-194.70	112.41	2009.26	2004.26	941.02	-1027.97	164.75	1609.45	17.73	90.80	PASS
2017.00†	2001.91	-194.93	112.54	2012.81	2007.81	941.01	-1027.96	164.77	1609.70	17.73	90.77	PASS
2117.00†	2101.17	-205.38	118.69	2197.87	2192.71	934.31	-1026.77	165.97	1618.44	18.39	87.99	PASS
2217.00†	2200.79	-212.73	123.28	2383.85	2377.71	915.76	-1023.45	167.88	1618.57	19.33	83.73	PASS
2267.67	2251.37	-215.26	125.01	2477.49	2470.28	901.95	-1020.99	169.82	1615.36	19.83	81.48	PASS
2317.00†	2300.63	-217.34	126.49	2567.89	2559.18	885.80	-1018.11	169.51	1610.55	20.25	79.53	PASS
2417.00†	2400.49	-221.56	129.50	2748.33	2734.85	845.36	-1010.89	168.70	1597.06	21.21	75.31	PASS
2517.00†	2500.36	-225.78	132.50	2923.97	2903.03	795.62	-1002.01	167.64	1578.77	22.28	70.86	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE 21-35-2MRLNB PWB** Offset Wellpath: **NORTH PLATTE 21-35-2MRLNB (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#23 NORTH PLATTE 21-35-2MRLNB (WELL 6, STATE NORTH PLATTE I-26 PAD)** **Well: NORTH PLATTE 21-35-2MRLNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2617.00†	2600.23	-230.00	135.51	3078.29	3048.04	743.67	-992.73	166.48	1556.12	23.36	66.61	PASS
2717.00†	2700.09	-234.22	138.52	3173.11	3136.46	709.98	-986.71	165.69	1532.34	24.24	63.21	PASS
2817.00†	2799.96	-238.43	141.53	3267.93	3224.89	676.28	-980.70	164.88	1508.86	25.19	59.91	PASS
2917.00†	2899.82	-242.65	144.54	3362.75	3313.32	642.58	-974.68	164.05	1485.69	26.20	56.71	PASS
3017.00†	2999.69	-246.87	147.54	3457.57	3401.74	608.88	-968.66	163.19	1462.83	27.26	53.65	PASS
3117.00†	3099.55	-251.09	150.55	3552.40	3490.17	575.19	-962.65	162.31	1440.32	28.39	50.73	PASS
3217.00†	3199.42	-255.31	153.56	3647.22	3578.60	541.49	-956.63	161.40	1418.16	29.57	47.96	PASS
3317.00†	3299.29	-259.52	156.57	3742.04	3667.02	507.79	-950.62	160.46	1396.37	30.80	45.34	PASS
3417.00†	3399.15	-263.74	159.57	3836.86	3755.45	474.09	-944.60	159.50	1374.97	32.08	42.86	PASS
3517.00†	3499.02	-267.96	162.58	3931.68	3843.88	440.40	-938.58	158.50	1353.98	33.41	40.53	PASS
3617.00†	3598.88	-272.18	165.59	4026.50	3932.30	406.70	-932.57	157.48	1333.41	34.79	38.33	PASS
3717.00†	3698.75	-276.39	168.60	4121.32	4020.73	373.00	-926.55	156.43	1313.29	36.21	36.27	PASS
3817.00†	3798.61	-280.61	171.61	4216.14	4109.16	339.30	-920.53	155.35	1293.64	37.67	34.34	PASS
3917.00†	3898.48	-284.83	174.61	4310.97	4197.59	305.61	-914.52	154.24	1274.47	39.18	32.53	PASS
4017.00†	3998.35	-289.05	177.62	4405.79	4286.01	271.91	-908.50	153.09	1255.82	40.73	30.83	PASS
4117.00†	4098.21	-293.27	180.63	4500.61	4374.44	238.21	-902.48	151.92	1237.70	42.32	29.24	PASS
4217.00†	4198.08	-297.48	183.64	4595.43	4462.87	204.51	-896.47	150.71	1220.14	43.95	27.76	PASS
4317.00†	4297.94	-301.70	186.64	4690.25	4551.29	170.82	-890.45	149.47	1203.16	45.62	26.37	PASS
4417.00†	4397.81	-305.92	189.65	4785.07	4639.72	137.12	-884.43	148.20	1186.79	47.33	25.08	PASS
4517.00†	4497.67	-310.14	192.66	4879.89	4728.15	103.42	-878.42	146.89	1171.05	49.06	23.87	PASS
4617.00†	4597.54	-314.36	195.67	4974.71	4816.57	69.72	-872.40	145.56	1155.97	50.84	22.74	PASS
4717.00†	4697.41	-318.57	198.67	5069.53	4905.00	36.03	-866.38	144.19	1141.57	52.64	21.69	PASS
4817.00†	4797.27	-322.79	201.68	5164.36	4993.43	2.33	-860.37	142.79	1127.89	54.47	20.71	PASS
4917.00†	4897.14	-327.01	204.69	5259.18	5081.86	-31.37	-854.35	141.36	1114.94	56.33	19.79	PASS
5017.00†	4997.00	-331.23	207.70	5354.00	5170.28	-65.07	-848.33	139.90	1102.76	58.21	18.94	PASS
5117.00†	5096.87	-335.45	210.71	5448.82	5258.71	-98.76	-842.32	138.42	1091.36	60.11	18.15	PASS
5217.00†	5196.73	-339.66	213.71	5543.64	5347.14	-132.46	-836.30	136.90	1080.78	62.03	17.42	PASS
5317.00†	5296.60	-343.88	216.72	5638.46	5435.56	-166.16	-830.29	135.36	1071.04	63.97	16.74	PASS
5417.00†	5396.47	-348.10	219.73	5733.28	5523.99	-199.86	-824.27	133.79	1062.15	65.91	16.12	PASS
5517.00†	5496.33	-352.32	222.74	5828.10	5612.42	-233.55	-818.25	132.21	1054.15	67.86	15.53	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE 21-35-2MRLNB PWB** Offset Wellpath: **NORTH PLATTE 21-35-2MRLNB (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#23 NORTH PLATTE 21-35-2MRLNB (WELL 6, STATE NORTH PLATTE I-26 PAD)** **Well: NORTH PLATTE 21-35-2MRLNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5617.00†	5596.20	-356.54	225.74	5922.93	5700.84	-267.25	-812.24	130.60	1047.06	69.81	15.00	PASS
5717.00†	5696.06	-360.75	228.75	6017.75	5789.27	-300.95	-806.22	128.97	1040.88	71.75	14.51	PASS
5747.47	5726.49	-362.04	229.67	6046.64	5816.21	-311.22	-804.39	128.47	1039.18	72.34	14.36	PASS
5817.00†	5795.58	-369.17	231.76	6113.74	5878.79	-335.06	-800.13	102.89	1035.80	73.73	14.05	PASS
5917.00†	5892.28	-393.96	234.71	6224.91	5981.40	-377.08	-792.88	97.24	1031.59	76.11	13.55	PASS
6017.00†	5983.21	-435.17	237.52	6348.62	6085.06	-443.48	-783.40	95.15	1026.02	79.42	12.92	PASS
6117.00†	6065.61	-491.56	240.10	6467.19	6168.75	-526.54	-773.09	93.87	1019.03	83.50	12.20	PASS
6217.00†	6136.97	-561.40	242.37	6580.31	6230.96	-620.21	-762.55	92.91	1011.01	88.18	11.47	PASS
6317.00†	6195.11	-642.58	244.27	6688.11	6271.95	-719.20	-752.23	92.13	1002.39	93.26	10.75	PASS
6417.00†	6238.29	-732.62	245.74	6790.97	6293.06	-819.26	-742.49	91.47	993.53	98.55	10.08	PASS
6517.00†	6265.18	-828.80	246.72	6889.54	6297.00	-917.26	-733.52	90.95	984.74	103.83	9.48	PASS
6617.00†	6274.97	-928.19	247.20	6988.57	6297.00	-1015.89	-724.61	91.24	976.02	109.18	8.94	PASS
6623.26	6275.00	-934.45	247.22	6994.81	6297.00	-1022.11	-724.05	91.30	975.46	109.51	8.91	PASS
6717.00†	6275.00	-1028.19	247.39	7088.18	6297.00	-1115.10	-715.66	91.31	967.22	114.56	8.44	PASS
6817.00†	6275.00	-1128.19	247.58	7187.80	6297.00	-1214.31	-706.71	91.32	958.42	120.13	7.98	PASS
6917.00†	6275.00	-1228.19	247.77	7287.41	6297.00	-1313.52	-697.75	91.33	949.62	125.80	7.55	PASS
7017.00†	6275.00	-1328.19	247.95	7387.02	6297.00	-1412.73	-688.80	91.35	940.82	131.54	7.15	PASS
7117.00†	6275.00	-1428.19	248.14	7486.63	6297.00	-1511.94	-679.85	91.36	932.02	137.34	6.79	PASS
7217.00†	6275.00	-1528.19	248.33	7586.24	6297.00	-1611.15	-670.90	91.37	923.22	143.20	6.45	PASS
7317.00†	6275.00	-1628.19	248.51	7685.86	6297.00	-1710.36	-661.94	91.38	914.42	149.11	6.13	PASS
7417.00†	6275.00	-1728.19	248.70	7785.47	6297.00	-1809.56	-652.99	91.40	905.62	155.06	5.84	PASS
7517.00†	6275.00	-1828.19	248.89	7885.08	6297.00	-1908.77	-644.04	91.41	896.82	161.04	5.57	PASS
7617.00†	6275.00	-1928.19	249.07	7984.69	6297.00	-2007.98	-635.08	91.43	888.02	167.05	5.32	PASS
7717.00†	6275.00	-2028.19	249.26	8084.30	6297.00	-2107.19	-626.13	91.44	879.23	173.10	5.08	PASS
7817.00†	6275.00	-2128.19	249.45	8183.92	6297.00	-2206.40	-617.18	91.45	870.43	179.17	4.86	PASS
7917.00†	6275.00	-2228.19	249.64	8283.53	6297.00	-2305.61	-608.22	91.47	861.63	185.26	4.65	PASS
8017.00†	6275.00	-2328.19	249.82	8383.14	6297.00	-2404.82	-599.27	91.48	852.83	191.38	4.46	PASS
8117.00†	6275.00	-2428.19	250.01	8482.75	6297.00	-2504.03	-590.32	91.50	844.03	197.51	4.27	PASS
8217.00†	6275.00	-2528.19	250.20	8582.36	6297.00	-2603.23	-581.36	91.52	835.23	203.66	4.10	PASS
8317.00†	6275.00	-2628.19	250.38	8681.97	6297.00	-2702.44	-572.41	91.53	826.43	209.82	3.94	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE 21-35-2MRLNB PWB** Offset Wellpath: **NORTH PLATTE 21-35-2MRLNB (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#23 NORTH PLATTE 21-35-2MRLNB (WELL 6, STATE NORTH PLATTE I-26 PAD)** **Well: NORTH PLATTE 21-35-2MRLNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
8417.00†	6275.00	-2728.19	250.57	8781.59	6297.00	-2801.65	-563.46	91.55	817.63	216.00	3.79	PASS
8517.00†	6275.00	-2828.19	250.76	8881.20	6297.00	-2900.86	-554.51	91.57	808.84	222.19	3.64	PASS
8617.00†	6275.00	-2928.19	250.95	8980.81	6297.00	-3000.07	-545.55	91.58	800.04	228.39	3.50	PASS
8717.00†	6275.00	-3028.19	251.13	9080.42	6297.00	-3099.28	-536.60	91.60	791.24	234.60	3.37	PASS
8817.00†	6275.00	-3128.19	251.32	9180.03	6297.00	-3198.49	-527.65	91.62	782.44	240.82	3.25	PASS
8917.00†	6275.00	-3228.19	251.51	9279.65	6297.00	-3297.70	-518.69	91.64	773.64	247.05	3.13	PASS
9017.00†	6275.00	-3328.19	251.69	9379.26	6297.00	-3396.90	-509.74	91.66	764.85	253.29	3.02	PASS
9117.00†	6275.00	-3428.19	251.88	9478.87	6297.00	-3496.11	-500.79	91.67	756.05	259.53	2.91	PASS
9217.00†	6275.00	-3528.19	252.07	9578.48	6297.00	-3595.32	-491.83	91.69	747.25	265.78	2.81	PASS
9317.00†	6275.00	-3628.19	252.26	9678.09	6297.00	-3694.53	-482.88	91.71	738.45	272.04	2.71	PASS
9417.00†	6275.00	-3728.19	252.44	9777.71	6297.00	-3793.74	-473.93	91.74	729.65	278.30	2.62	PASS
9517.00†	6275.00	-3828.19	252.63	9877.32	6297.00	-3892.95	-464.97	91.76	720.86	284.57	2.53	PASS
9617.00†	6275.00	-3928.19	252.82	9976.93	6297.00	-3992.16	-456.02	91.78	712.06	290.84	2.45	PASS
9717.00†	6275.00	-4028.19	253.00	10076.54	6297.00	-4091.37	-447.07	91.80	703.26	297.12	2.37	PASS
9817.00†	6275.00	-4128.19	253.19	10176.15	6297.00	-4190.57	-438.12	91.82	694.46	303.41	2.29	PASS
9917.00†	6275.00	-4228.19	253.38	10275.77	6297.00	-4289.78	-429.16	91.85	685.67	309.69	2.21	PASS
10017.00†	6275.00	-4328.19	253.57	10375.38	6297.00	-4388.99	-420.21	91.87	676.87	315.98	2.14	PASS
10117.00†	6275.00	-4428.19	253.75	10474.99	6297.00	-4488.20	-411.26	91.89	668.07	322.28	2.07	PASS
10217.00†	6275.00	-4528.19	253.94	10574.60	6297.00	-4587.41	-402.30	91.92	659.28	328.57	2.01	PASS
10317.00†	6275.00	-4628.19	254.13	10674.21	6297.00	-4686.62	-393.35	91.95	650.48	334.87	1.94	PASS
10417.00†	6275.00	-4728.19	254.31	10773.82	6297.00	-4785.83	-384.40	91.97	641.68	341.18	1.88	PASS
10517.00†	6275.00	-4828.19	254.50	10873.44	6297.00	-4885.04	-375.44	92.00	632.89	347.48	1.82	PASS
10617.00†	6275.00	-4928.19	254.69	10973.05	6297.00	-4984.24	-366.49	92.03	624.09	353.79	1.76	PASS
10717.00†	6275.00	-5028.19	254.87	11072.66	6297.00	-5083.45	-357.54	92.06	615.29	360.10	1.71	PASS
10817.00†	6275.00	-5128.19	255.06	11172.27	6297.00	-5182.66	-348.58	92.09	606.50	366.41	1.66	PASS
10917.00†	6275.00	-5228.19	255.25	11271.88	6297.00	-5281.87	-339.63	92.12	597.70	372.73	1.60	PASS
11017.00†	6275.00	-5328.19	255.44	11371.50	6297.00	-5381.08	-330.68	92.15	588.91	379.05	1.55	PASS
11117.00†	6275.00	-5428.19	255.62	11471.11	6297.00	-5480.29	-321.73	92.18	580.11	385.36	1.51	PASS
11217.00†	6275.00	-5528.18	255.81	11570.72	6297.00	-5579.50	-312.77	92.22	571.32	391.68	1.46	PASS
11317.00†	6275.00	-5628.18	256.00	11670.33	6297.00	-5678.71	-303.82	92.25	562.52	398.00	1.41	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE 21-35-2MRLNB PWB** Offset Wellpath: **NORTH PLATTE 21-35-2MRLNB (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#23 NORTH PLATTE 21-35-2MRLNB (WELL 6, STATE NORTH PLATTE I-26 PAD)** **Well: NORTH PLATTE 21-35-2MRLNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
11398.71†	6275.00	-5709.89	256.15	11711.13	6297.00	-5719.34	-300.15	92.27	556.82	401.18	1.39	PASS
11408.18	6275.00	-5719.36	256.17	11711.13	6297.00	-5719.34	-300.15	92.27	556.75	401.02	1.39	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: NORTH PLATTE 21-35-2MRLNB PWB** **Offset Wellpath: NORTH PLATTE 21-35-2MRLNB (REV-A.0) PWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

HOLE & CASING SECTIONS - Offset Wellbore: **NORTH PLATTE 21-35-2MRLNB PWB** Offset Wellpath: **NORTH PLATTE 21-35-2MRLNB (REV-A.0) PWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	17.00	1550.00	1533.00	12.00	1545.00	573.67	-626.64	573.67	-626.64

SURVEY PROGRAM - **Offset Wellbore:** **Offset Wellpath: NORTH PLATTE 21-35-2MRLNB (REV-A.0) PWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1550.00	BHI NaviTrak (Rotating+Axial Corr)		NORTH PLATTE 21-35-2MRLNB PWB
1550.00	12370.37	BHI AutoTrak Curve (Axial Corr, Short spacing)		NORTH PLATTE 21-35-2MRLNB PWB

OFFSET WELLPATH REFERENCE - **Offset Wellbore: NORTH PLATTE 21-35-2MRLNB PWB** **Offset Wellpath: NORTH PLATTE 21-35-2MRLNB (REV-A.0) PWP**

MD Reference: **RIG (4555'GL + 17'RKB) (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE K-35-34MRLNB PWB** Offset Wellpath: **NORTH PLATTE K-35-34MRLNB (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#25 NORTH PLATTE K-35-34MRLNB (WELL 6,STATE NORTH PLATTE O-26 PAD)** **Well: NORTH PLATTE K-35-34MRLNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	17.00	17.00	40.44	0.00	0.00	40.44	1.40	66.06	PASS
117.00†	117.00	0.00	0.00	117.00	117.00	40.44	0.00	0.00	40.44	2.02	32.51	PASS
200.00	200.00	0.00	0.00	200.00	200.00	40.44	0.00	0.00	40.44	2.83	19.53	PASS
217.00†	217.00	-0.04	0.03	217.00	217.00	40.44	0.00	-150.04	40.48	3.00	18.05	PASS
317.00†	316.97	-2.07	1.19	316.97	316.97	40.44	0.00	-151.59	42.52	4.20	12.26	PASS
417.00†	416.79	-7.11	4.11	416.79	416.79	40.44	0.00	-154.87	47.73	5.71	9.56	PASS
517.00†	516.35	-15.17	8.76	516.35	516.35	40.44	0.00	-158.83	56.30	7.07	8.85	PASS
600.00	598.70	-24.14	13.94	598.70	598.70	40.44	0.00	-162.02	66.07	8.11	8.93	PASS
617.00†	615.54	-26.19	15.12	615.54	615.54	40.44	0.00	-162.63	68.33	8.29	9.01	PASS
717.00†	714.56	-38.25	22.08	714.56	714.56	40.44	0.00	-165.54	81.72	9.24	9.59	PASS
817.00†	813.59	-50.30	29.04	813.59	813.59	40.44	0.00	-167.63	95.27	10.20	10.05	PASS
917.00†	912.62	-62.35	36.00	912.62	912.62	40.44	0.00	-169.20	108.91	11.17	10.43	PASS
1017.00†	1011.64	-74.40	42.96	1011.64	1011.64	40.44	0.00	-170.42	122.61	12.12	10.76	PASS
1117.00†	1110.67	-86.46	49.92	1110.67	1110.67	40.44	0.00	-171.39	136.36	13.14	10.98	PASS
1217.00†	1209.70	-98.51	56.87	1209.70	1209.70	40.44	0.00	-172.19	150.14	14.15	11.19	PASS
1317.00†	1308.72	-110.56	63.83	1308.72	1308.72	40.44	0.00	-172.85	163.94	15.15	11.37	PASS
1417.00†	1407.75	-122.62	70.79	1407.75	1407.75	40.44	0.00	-173.41	177.76	16.17	11.52	PASS
1517.00†	1506.78	-134.67	77.75	1506.36	1506.36	40.45	0.00	-173.88	191.60	17.18	11.65	PASS
1617.00†	1605.80	-146.72	84.71	1598.74	1598.72	42.07	-0.50	-174.21	207.25	16.91	12.26	PASS
1717.00†	1704.83	-158.77	91.67	1697.14	1697.06	45.35	-1.50	-174.45	224.52	16.99	13.21	PASS
1817.00†	1803.86	-170.83	98.63	1795.64	1795.50	48.64	-2.51	-174.66	241.79	17.13	14.12	PASS
1917.00†	1902.88	-182.88	105.59	1894.13	1893.93	51.92	-3.51	-174.85	259.07	17.32	14.96	PASS
2015.07	2000.00	-194.70	112.41	1990.72	1990.46	55.15	-4.50	-175.00	276.01	17.57	15.71	PASS
2017.00†	2001.91	-194.93	112.54	1992.62	1992.36	55.21	-4.52	-174.99	276.34	17.58	15.72	PASS
2117.00†	2101.17	-205.38	118.69	2100.94	2100.65	57.60	-4.34	-173.94	290.34	18.00	16.13	PASS
2217.00†	2200.79	-212.73	123.28	2211.23	2210.88	57.13	-1.14	-171.47	297.33	18.70	15.90	PASS
2267.67	2251.37	-215.26	125.01	2267.30	2266.87	55.77	1.66	-168.99	298.18	19.10	15.61	PASS
2317.00†	2300.63	-217.34	126.49	2321.87	2321.28	53.71	5.15	-168.65	297.69	19.45	15.30	PASS
2417.00†	2400.49	-221.56	129.50	2432.25	2431.08	47.36	14.49	-167.71	294.08	20.11	14.62	PASS
2517.00†	2500.36	-225.78	132.50	2542.05	2539.79	38.14	26.79	-166.42	287.02	20.77	13.82	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE K-35-34MRLNB PWB** Offset Wellpath: **NORTH PLATTE K-35-34MRLNB (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#25 NORTH PLATTE K-35-34MRLNB (WELL 6,STATE NORTH PLATTE O-26 PAD)** **Well: NORTH PLATTE K-35-34MRLNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2617.00†	2600.23	-230.00	135.51	2650.95	2646.95	26.14	41.95	-164.69	276.67	21.48	12.88	PASS
2717.00†	2700.09	-234.22	138.52	2753.61	2747.36	12.63	58.52	-162.60	263.76	22.16	11.90	PASS
2817.00†	2799.96	-238.43	141.53	2852.27	2843.79	-0.59	74.70	-160.35	250.91	22.87	10.97	PASS
2917.00†	2899.82	-242.65	144.54	2950.93	2940.21	-13.81	90.88	-157.87	238.49	23.65	10.08	PASS
3017.00†	2999.69	-246.87	147.54	3049.59	3036.63	-27.04	107.05	-155.12	226.56	24.51	9.24	PASS
3117.00†	3099.55	-251.09	150.55	3148.25	3133.05	-40.26	123.23	-152.08	215.21	25.44	8.46	PASS
3217.00†	3199.42	-255.31	153.56	3246.91	3229.47	-53.48	139.41	-148.71	204.54	26.45	7.73	PASS
3317.00†	3299.29	-259.52	156.57	3345.57	3325.89	-66.71	155.58	-145.00	194.65	27.55	7.07	PASS
3417.00†	3399.15	-263.74	159.57	3444.23	3422.31	-79.93	171.76	-140.91	185.67	28.74	6.46	PASS
3517.00†	3499.02	-267.96	162.58	3542.89	3518.74	-93.15	187.93	-136.45	177.73	30.01	5.92	PASS
3617.00†	3598.88	-272.18	165.59	3641.55	3615.16	-106.37	204.11	-131.60	170.99	31.36	5.45	PASS
3717.00†	3698.75	-276.39	168.60	3740.20	3711.58	-119.60	220.29	-126.41	165.60	32.78	5.05	PASS
3817.00†	3798.61	-280.61	171.61	3838.86	3808.00	-132.82	236.46	-120.93	161.67	34.22	4.72	PASS
3917.00†	3898.48	-284.83	174.61	3937.52	3904.42	-146.04	252.64	-115.23	159.33	35.66	4.47	PASS
4017.00†	3998.35	-289.05	177.62	4036.18	4000.84	-159.27	268.82	-109.43	158.64	37.07	4.28	PASS
4117.00†	4098.21	-293.27	180.63	4134.84	4097.27	-172.49	284.99	-103.64	159.62	38.40	4.16	PASS
4217.00†	4198.08	-297.48	183.64	4233.50	4193.69	-185.71	301.17	-97.98	162.25	39.64	4.09	PASS
4317.00†	4297.94	-301.70	186.64	4332.16	4290.11	-198.94	317.34	-92.54	166.45	40.78	4.08	PASS
4417.00†	4397.81	-305.92	189.65	4430.82	4386.53	-212.16	333.52	-87.41	172.09	41.82	4.12	PASS
4517.00†	4497.67	-310.14	192.66	4529.48	4482.95	-225.38	349.70	-82.63	179.06	42.77	4.19	PASS
4617.00†	4597.54	-314.36	195.67	4628.14	4579.37	-238.60	365.87	-78.23	187.18	43.66	4.29	PASS
4717.00†	4697.41	-318.57	198.67	4726.80	4675.80	-251.83	382.05	-74.21	196.34	44.50	4.41	PASS
4817.00†	4797.27	-322.79	201.68	4825.46	4772.22	-265.05	398.22	-70.56	206.37	45.31	4.55	PASS
4917.00†	4897.14	-327.01	204.69	4924.12	4868.64	-278.27	414.40	-67.26	217.18	46.10	4.71	PASS
5017.00†	4997.00	-331.23	207.70	5022.77	4965.06	-291.50	430.58	-64.27	228.63	46.88	4.88	PASS
5117.00†	5096.87	-335.45	210.71	5121.43	5061.48	-304.72	446.75	-61.57	240.65	47.67	5.05	PASS
5217.00†	5196.73	-339.66	213.71	5220.09	5157.90	-317.94	462.93	-59.13	253.16	48.46	5.22	PASS
5317.00†	5296.60	-343.88	216.72	5318.75	5254.32	-331.17	479.11	-56.92	266.07	49.26	5.40	PASS
5417.00†	5396.47	-348.10	219.73	5417.41	5350.75	-344.39	495.28	-54.91	279.34	50.07	5.58	PASS
5517.00†	5496.33	-352.32	222.74	5516.07	5447.17	-357.61	511.46	-53.09	292.92	50.89	5.76	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE K-35-34MRLNB PWB** Offset Wellpath: **NORTH PLATTE K-35-34MRLNB (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#25 NORTH PLATTE K-35-34MRLNB (WELL 6,STATE NORTH PLATTE O-26 PAD)** **Well: NORTH PLATTE K-35-34MRLNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5617.00†	5596.20	-356.54	225.74	5614.73	5543.59	-370.83	527.63	-51.43	306.77	51.73	5.93	PASS
5717.00†	5696.06	-360.75	228.75	5733.26	5659.59	-386.75	545.97	-49.60	320.36	52.80	6.07	PASS
5747.47	5726.49	-362.04	229.67	5801.72	5727.31	-396.06	548.89	-48.47	321.03	53.30	6.02	PASS
5817.00†	5795.58	-369.17	231.76	5952.75	5874.83	-416.42	526.55	-73.14	308.89	53.65	5.76	PASS
5917.00†	5892.28	-393.96	234.71	6129.48	6032.96	-438.40	452.38	-86.58	262.96	51.66	5.09	PASS
6017.00†	5983.21	-435.17	237.52	6249.65	6124.27	-451.18	375.66	-109.58	198.09	48.91	4.05	PASS
6117.00†	6065.61	-491.56	240.10	6327.88	6174.36	-458.24	316.06	-140.16	136.77	49.89	2.74	PASS
6213.92†	6134.95	-559.07	242.31	6377.98	6202.01	-462.17	274.49	-162.92	122.15	61.43	1.99	PASS
6217.00†	6136.97	-561.40	242.37	6379.27	6202.68	-462.26	273.39	-163.49	122.91	61.79	1.99	PASS
6317.00†	6195.11	-642.58	244.27	6413.47	6219.37	-464.65	243.64	-178.53	179.58	66.43	2.70	PASS
6417.00†	6238.29	-732.62	245.74	6436.12	6229.46	-466.09	223.41	167.61	267.61	66.24	4.04	PASS
6517.00†	6265.18	-828.80	246.72	6450.47	6235.43	-466.95	210.39	138.13	364.89	66.42	5.49	PASS
6617.00†	6274.97	-928.19	247.20	6458.31	6238.55	-467.40	203.21	53.87	464.32	66.99	6.93	PASS
6623.26	6275.00	-934.45	247.22	6458.62	6238.67	-467.42	202.93	50.08	470.53	67.03	7.02	PASS
6717.00†	6275.00	-1028.19	247.39	6462.86	6240.32	-467.66	199.03	53.76	563.69	67.56	8.34	PASS
6817.00†	6275.00	-1128.19	247.58	6467.24	6242.00	-467.90	194.99	57.27	663.21	68.06	9.75	PASS
6917.00†	6275.00	-1228.19	247.77	6471.47	6243.58	-468.13	191.08	60.38	762.82	68.51	11.13	PASS
7017.00†	6275.00	-1328.19	247.95	6475.55	6245.08	-468.34	187.29	63.13	862.50	68.92	12.51	PASS
7117.00†	6275.00	-1428.19	248.14	6479.49	6246.51	-468.55	183.62	65.57	962.23	69.31	13.88	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: NORTH PLATTE K-35-34MRLNB PWB Offset Wellpath: NORTH PLATTE K-35-34MRLNB (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

HOLE & CASING SECTIONS - Offset Wellbore: **NORTH PLATTE K-35-34MRLNB PWB** Offset Wellpath: **NORTH PLATTE K-35-34MRLNB (REV-A.0) PWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	17.00	1550.00	1533.00	17.00	1550.00	24.65	0.00	24.78	-0.04

SURVEY PROGRAM - Offset Wellbore: Offset Wellpath: **NORTH PLATTE K-35-34MRLNB (REV-A.0) PWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1550.00	BHI NaviTrak (Rotating+Axial Corr)		NORTH PLATTE K-35-34MRLNB PWB
1550.00	14145.38	BHI AutoTrak Curve (Axial Corr, Short spacing)		NORTH PLATTE K-35-34MRLNB PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: **NORTH PLATTE K-35-34MRLNB PWB** Offset Wellpath: **NORTH PLATTE K-35-34MRLNB (REV-A.0) PWP**

MD Reference: **RIG (4550'GL + 17'RKB) (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **70 RANCH USX BB #35-02 AWB** Offset Wellpath: **70 RANCH USX BB #35-02 AWP**

Facility: SEC.35-T05N-R63W **Slot: SLOT#02 EX 70 RANCH USX BB #35-02 (563'FNL & 1780'FWL, SEC.35, 6676, SI)** **Well: 70 RANCH USX BB #35-02** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	-3.00	17.00	-1038.64	756.62	143.93	1285.00	25.40	52.20	PASS
117.00†	117.00	0.00	0.00	97.00	117.00	-1038.64	756.62	143.93	1285.00	52.22	24.98	PASS
200.00	200.00	0.00	0.00	180.00	200.00	-1038.64	756.62	143.93	1285.00	54.12	24.09	PASS
217.00†	217.00	-0.04	0.03	197.00	217.00	-1038.64	756.62	-6.07	1284.95	54.51	23.91	PASS
317.00†	316.97	-2.07	1.19	296.97	316.97	-1038.64	756.62	-6.09	1282.63	56.83	22.88	PASS
417.00†	416.79	-7.11	4.11	396.79	416.79	-1038.64	756.62	-6.13	1276.83	59.20	21.85	PASS
517.00†	516.35	-15.17	8.76	496.35	516.35	-1038.64	756.62	-6.19	1267.58	61.58	20.84	PASS
600.00	598.70	-24.14	13.94	578.70	598.70	-1038.64	756.62	-6.27	1257.28	63.55	20.03	PASS
617.00†	615.54	-26.19	15.12	595.54	615.54	-1038.64	756.62	-6.28	1254.93	63.95	19.86	PASS
717.00†	714.56	-38.25	22.08	694.56	714.56	-1038.64	756.62	-6.35	1241.10	66.27	18.94	PASS
817.00†	813.59	-50.30	29.04	793.59	813.59	-1038.64	756.62	-6.42	1227.26	68.61	18.09	PASS
917.00†	912.62	-62.35	36.00	892.62	912.62	-1038.64	756.62	-6.50	1213.43	70.96	17.28	PASS
1017.00†	1011.64	-74.40	42.96	991.64	1011.64	-1038.64	756.62	-6.57	1199.60	73.32	16.53	PASS
1117.00†	1110.67	-86.46	49.92	1090.67	1110.67	-1038.64	756.62	-6.65	1185.78	75.69	15.82	PASS
1217.00†	1209.70	-98.51	56.87	1189.70	1209.70	-1038.64	756.62	-6.73	1171.95	78.07	15.16	PASS
1317.00†	1308.72	-110.56	63.83	1288.72	1308.72	-1038.64	756.62	-6.81	1158.13	80.46	14.53	PASS
1417.00†	1407.75	-122.62	70.79	1387.75	1407.75	-1038.64	756.62	-6.89	1144.31	82.87	13.93	PASS
1517.00†	1506.78	-134.67	77.75	1486.78	1506.78	-1038.64	756.62	-6.97	1130.49	85.28	13.37	PASS
1617.00†	1605.80	-146.72	84.71	1585.80	1605.80	-1038.64	756.62	-7.06	1116.68	86.82	12.86	PASS
1717.00†	1704.83	-158.77	91.67	1684.83	1704.83	-1038.64	756.62	-7.15	1102.87	89.09	12.38	PASS
1817.00†	1803.86	-170.83	98.63	1783.86	1803.86	-1038.64	756.62	-7.24	1089.06	91.36	11.92	PASS
1917.00†	1902.88	-182.88	105.59	1882.88	1902.88	-1038.64	756.62	-7.33	1075.25	93.65	11.48	PASS
2015.07	2000.00	-194.70	112.41	1980.00	2000.00	-1038.64	756.62	-7.43	1061.71	95.91	11.07	PASS
2017.00†	2001.91	-194.93	112.54	1981.91	2001.91	-1038.64	756.62	-7.41	1061.45	95.95	11.06	PASS
2117.00†	2101.17	-205.38	118.69	2081.17	2101.17	-1038.64	756.62	-6.37	1049.41	98.28	10.68	PASS
2217.00†	2200.79	-212.73	123.28	2180.79	2200.79	-1038.64	756.62	-4.21	1040.79	100.67	10.34	PASS
2267.67	2251.37	-215.26	125.01	2231.37	2251.37	-1038.64	756.62	-2.00	1037.73	101.88	10.19	PASS
2317.00†	2300.63	-217.34	126.49	2280.63	2300.63	-1038.64	756.62	-2.01	1035.17	103.04	10.05	PASS
2417.00†	2400.49	-221.56	129.50	2380.49	2400.49	-1038.64	756.62	-2.02	1029.99	105.39	9.77	PASS
2517.00†	2500.36	-225.78	132.50	2480.36	2500.36	-1038.64	756.62	-2.03	1024.82	107.76	9.51	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **70 RANCH USX BB #35-02 AWB** Offset Wellpath: **70 RANCH USX BB #35-02 AWP**

Facility: SEC.35-T05N-R63W **Slot: SLOT#02 EX 70 RANCH USX BB #35-02 (563'FNL & 1780'FWL, SEC.35, 6676, SI)** **Well: 70 RANCH USX BB #35-02** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2617.00†	2600.23	-230.00	135.51	2580.23	2600.23	-1038.64	756.62	-2.04	1019.64	110.14	9.26	PASS
2717.00†	2700.09	-234.22	138.52	2680.09	2700.09	-1038.64	756.62	-2.05	1014.46	112.52	9.02	PASS
2817.00†	2799.96	-238.43	141.53	2779.96	2799.96	-1038.64	756.62	-2.06	1009.29	114.92	8.78	PASS
2917.00†	2899.82	-242.65	144.54	2879.82	2899.82	-1038.64	756.62	-2.07	1004.11	117.32	8.56	PASS
3017.00†	2999.69	-246.87	147.54	2979.69	2999.69	-1038.64	756.62	-2.08	998.93	119.74	8.34	PASS
3117.00†	3099.55	-251.09	150.55	3079.55	3099.55	-1038.64	756.62	-2.09	993.75	122.16	8.13	PASS
3217.00†	3199.42	-255.31	153.56	3179.42	3199.42	-1038.64	756.62	-2.10	988.58	124.60	7.93	PASS
3317.00†	3299.29	-259.52	156.57	3279.29	3299.29	-1038.64	756.62	-2.11	983.40	127.04	7.74	PASS
3417.00†	3399.15	-263.74	159.57	3379.15	3399.15	-1038.64	756.62	-2.13	978.22	129.49	7.55	PASS
3517.00†	3499.02	-267.96	162.58	3479.02	3499.02	-1038.64	756.62	-2.14	973.05	131.95	7.37	PASS
3617.00†	3598.88	-272.18	165.59	3578.88	3598.88	-1038.64	756.62	-2.15	967.87	134.42	7.20	PASS
3717.00†	3698.75	-276.39	168.60	3678.75	3698.75	-1038.64	756.62	-2.16	962.69	136.90	7.03	PASS
3817.00†	3798.61	-280.61	171.61	3778.61	3798.61	-1038.64	756.62	-2.17	957.52	139.38	6.87	PASS
3917.00†	3898.48	-284.83	174.61	3878.48	3898.48	-1038.64	756.62	-2.18	952.34	141.88	6.71	PASS
4017.00†	3998.35	-289.05	177.62	3978.35	3998.35	-1038.64	756.62	-2.19	947.16	144.38	6.56	PASS
4117.00†	4098.21	-293.27	180.63	4078.21	4098.21	-1038.64	756.62	-2.21	941.99	146.89	6.41	PASS
4217.00†	4198.08	-297.48	183.64	4178.08	4198.08	-1038.64	756.62	-2.22	936.81	149.40	6.27	PASS
4317.00†	4297.94	-301.70	186.64	4277.94	4297.94	-1038.64	756.62	-2.23	931.63	151.93	6.13	PASS
4417.00†	4397.81	-305.92	189.65	4377.81	4397.81	-1038.64	756.62	-2.24	926.46	154.46	6.00	PASS
4517.00†	4497.67	-310.14	192.66	4477.67	4497.67	-1038.64	756.62	-2.26	921.28	157.00	5.87	PASS
4617.00†	4597.54	-314.36	195.67	4577.54	4597.54	-1038.64	756.62	-2.27	916.10	159.54	5.74	PASS
4717.00†	4697.41	-318.57	198.67	4677.41	4697.41	-1038.64	756.62	-2.28	910.93	162.09	5.62	PASS
4817.00†	4797.27	-322.79	201.68	4777.27	4797.27	-1038.64	756.62	-2.30	905.75	164.65	5.50	PASS
4917.00†	4897.14	-327.01	204.69	4877.14	4897.14	-1038.64	756.62	-2.31	900.57	167.21	5.39	PASS
5017.00†	4997.00	-331.23	207.70	4977.00	4997.00	-1038.64	756.62	-2.32	895.40	169.78	5.27	PASS
5117.00†	5096.87	-335.45	210.71	5076.87	5096.87	-1038.64	756.62	-2.34	890.22	172.35	5.17	PASS
5217.00†	5196.73	-339.66	213.71	5176.73	5196.73	-1038.64	756.62	-2.35	885.05	174.94	5.06	PASS
5317.00†	5296.60	-343.88	216.72	5276.60	5296.60	-1038.64	756.62	-2.36	879.87	177.52	4.96	PASS
5417.00†	5396.47	-348.10	219.73	5376.47	5396.47	-1038.64	756.62	-2.38	874.69	180.11	4.86	PASS
5517.00†	5496.33	-352.32	222.74	5476.33	5496.33	-1038.64	756.62	-2.39	869.52	182.71	4.76	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **70 RANCH USX BB #35-02 AWB** Offset Wellpath: **70 RANCH USX BB #35-02 AWP**

Facility: SEC.35-T05N-R63W **Slot: SLOT#02 EX 70 RANCH USX BB #35-02 (563'FNL & 1780'FWL, SEC.35, 6676, SI)** **Well: 70 RANCH USX BB #35-02** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5617.00†	5596.20	-356.54	225.74	5576.20	5596.20	-1038.64	756.62	-2.41	864.34	185.31	4.66	PASS
5717.00†	5696.06	-360.75	228.75	5676.06	5696.06	-1038.64	756.62	-2.42	859.16	187.92	4.57	PASS
5747.47	5726.49	-362.04	229.67	5706.49	5726.49	-1038.64	756.62	-2.42	857.59	188.71	4.54	PASS
5817.00†	5795.58	-369.17	231.76	5775.58	5795.58	-1038.64	756.62	-28.01	850.68	190.55	4.46	PASS
5917.00†	5892.28	-393.96	234.71	5872.28	5892.28	-1038.64	756.62	-35.58	829.45	193.34	4.29	PASS
6017.00†	5983.21	-435.17	237.52	5963.21	5983.21	-1038.64	756.62	-41.42	796.01	196.28	4.06	PASS
6117.00†	6065.61	-491.56	240.10	6045.61	6065.61	-1038.64	756.62	-48.52	752.39	198.99	3.78	PASS
6217.00†	6136.97	-561.40	242.37	6116.97	6136.97	-1038.64	756.62	-57.45	701.57	201.47	3.48	PASS
6317.00†	6195.11	-642.58	244.27	6175.11	6195.11	-1038.64	756.62	-67.71	647.58	203.84	3.18	PASS
6417.00†	6238.29	-732.62	245.74	6218.29	6238.29	-1038.64	756.62	-77.74	595.52	206.37	2.89	PASS
6517.00†	6265.18	-828.80	246.72	6245.18	6265.18	-1038.64	756.62	-85.57	551.38	209.28	2.63	PASS
6617.00†	6274.97	-928.19	247.20	6254.97	6274.97	-1038.64	756.62	-89.86	521.25	212.58	2.45	PASS
6623.26	6275.00	-934.45	247.22	6255.00	6275.00	-1038.64	756.62	-90.00	519.94	212.78	2.44	PASS
6717.00†	6275.00	-1028.19	247.39	6255.00	6275.00	-1038.64	756.62	-90.00	509.33	215.88	2.36	PASS
6729.00†	6275.00	-1040.19	247.41	6255.53	6275.53	-1038.64	756.62	-90.06	509.21	216.29	2.35	PASS
6765.21†	6275.00	-1076.40	247.48	6255.00	6275.00	-1038.64	756.62	-90.00	510.53	217.43	2.35	PASS
6817.00†	6275.00	-1128.19	247.58	6255.00	6275.00	-1038.64	756.62	-90.00	516.86	218.91	2.36	PASS
6917.00†	6275.00	-1228.19	247.77	6255.00	6275.00	-1038.64	756.62	-90.00	543.01	221.10	2.46	PASS
7017.00†	6275.00	-1328.19	247.95	6255.00	6275.00	-1038.64	756.62	-90.00	585.31	222.33	2.63	PASS
7117.00†	6275.00	-1428.19	248.14	6255.00	6275.00	-1038.64	756.62	-90.00	640.55	222.80	2.87	PASS
7217.00†	6275.00	-1528.19	248.33	6255.00	6275.00	-1038.64	756.62	-90.00	705.71	222.78	3.17	PASS
7317.00†	6275.00	-1628.19	248.51	6255.00	6275.00	-1038.64	756.62	-90.00	778.30	222.49	3.50	PASS
7417.00†	6275.00	-1728.19	248.70	6255.00	6275.00	-1038.64	756.62	-90.00	856.43	222.06	3.86	PASS
7517.00†	6275.00	-1828.19	248.89	6255.00	6275.00	-1038.64	756.62	-90.00	938.72	221.59	4.24	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

POSITIONAL UNCERTAINTY - Offset Wellbore: 70 RANCH USX BB #35-02 AWB Offset Wellpath: 70 RANCH USX BB #35-02 AWP				
Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

WELLPATH COMPOSITION - Offset Wellbore: **70 RANCH USX BB #35-02 AWB** Offset Wellpath: **70 RANCH USX BB #35-02 AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	6676.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL <6676>	70 RANCH USX BB #35-02 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: 70 RANCH USX BB #35-02 AWB Offset Wellpath: 70 RANCH USX BB #35-02 AWP	
MD Reference: **Rig on SLOT#02 EX 70 RANCH USX BB #35-02 (563'FNL & 1780'FWL, SEC.35, 6676, SI) (RT)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**0.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE P-35-2MRLNB PWB** Offset Wellpath: **NORTH PLATTE P-35-2MRLNB (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#30 NORTH PLATTE P-35-2MRLNB (WELL 3, STATE NORTH PLATTE O-26 PAD)** **Well: NORTH PLATTE P-35-2MRLNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	17.00	17.00	100.19	0.84	0.48	100.19	1.40	165.64	PASS
117.00†	117.00	0.00	0.00	117.00	117.00	100.19	0.84	0.48	100.19	2.02	81.51	PASS
200.00	200.00	0.00	0.00	200.00	200.00	100.19	0.84	0.48	100.19	2.83	48.97	PASS
217.00†	217.00	-0.04	0.03	217.00	217.00	100.19	0.84	-149.54	100.23	3.00	45.23	PASS
317.00†	316.97	-2.07	1.19	316.97	316.97	100.19	0.84	-150.18	102.25	4.20	29.86	PASS
417.00†	416.79	-7.11	4.11	416.79	416.79	100.19	0.84	-151.68	107.35	5.68	21.85	PASS
517.00†	516.35	-15.17	8.76	516.35	516.35	100.19	0.84	-153.79	115.63	7.01	18.48	PASS
600.00	598.70	-24.14	13.94	598.70	598.70	100.19	0.84	-155.81	125.02	8.04	17.16	PASS
617.00†	615.54	-26.19	15.12	615.54	615.54	100.19	0.84	-156.24	127.18	8.22	17.03	PASS
717.00†	714.56	-38.25	22.08	714.56	714.56	100.19	0.84	-158.54	140.05	9.18	16.61	PASS
817.00†	813.59	-50.30	29.04	813.59	813.59	100.19	0.84	-160.44	153.10	10.16	16.28	PASS
917.00†	912.62	-62.35	36.00	912.62	912.62	100.19	0.84	-162.04	166.30	11.15	16.00	PASS
1017.00†	1011.64	-74.40	42.96	1011.64	1011.64	100.19	0.84	-163.41	179.60	12.11	15.81	PASS
1117.00†	1110.67	-86.46	49.92	1110.67	1110.67	100.19	0.84	-164.59	192.99	13.14	15.57	PASS
1217.00†	1209.70	-98.51	56.87	1209.70	1209.70	100.19	0.84	-165.62	206.45	14.15	15.40	PASS
1317.00†	1308.72	-110.56	63.83	1308.72	1308.72	100.19	0.84	-166.52	219.96	15.17	15.26	PASS
1417.00†	1407.75	-122.62	70.79	1407.75	1407.75	100.19	0.84	-167.31	233.53	16.18	15.13	PASS
1517.00†	1506.78	-134.67	77.75	1506.78	1506.78	100.19	0.84	-168.02	247.13	17.21	15.02	PASS
1617.00†	1605.80	-146.72	84.71	1605.80	1605.80	100.19	0.84	-168.66	260.76	16.96	15.38	PASS
1717.00†	1704.83	-158.77	91.67	1704.83	1704.83	100.19	0.84	-169.23	274.43	17.05	16.09	PASS
1817.00†	1803.86	-170.83	98.63	1803.86	1803.86	100.19	0.84	-169.74	288.12	17.18	16.77	PASS
1917.00†	1902.88	-182.88	105.59	1902.88	1902.88	100.19	0.84	-170.21	301.82	17.38	17.37	PASS
2015.07	2000.00	-194.70	112.41	2000.00	2000.00	100.19	0.84	-170.64	315.29	17.62	17.89	PASS
2017.00†	2001.91	-194.93	112.54	2002.07	2002.07	100.18	0.84	-170.63	315.55	17.63	17.90	PASS
2117.00†	2101.17	-205.38	118.69	2109.98	2109.95	99.34	2.77	-169.70	326.14	18.03	18.09	PASS
2217.00†	2200.79	-212.73	123.28	2218.55	2218.34	96.83	8.46	-167.09	330.63	18.67	17.71	PASS
2267.67	2251.37	-215.26	125.01	2273.58	2273.16	94.93	12.79	-164.43	330.59	18.99	17.41	PASS
2317.00†	2300.63	-217.34	126.49	2327.04	2326.33	92.68	17.91	-163.85	329.50	19.26	17.11	PASS
2417.00†	2400.49	-221.56	129.50	2434.95	2433.28	86.93	31.01	-162.28	325.48	19.85	16.40	PASS
2517.00†	2500.36	-225.78	132.50	2541.99	2538.76	79.62	47.63	-160.14	319.29	20.51	15.57	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE P-35-2MRLNB PWB** Offset Wellpath: **NORTH PLATTE P-35-2MRLNB (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#30 NORTH PLATTE P-35-2MRLNB (WELL 3, STATE NORTH PLATTE O-26 PAD)** **Well: NORTH PLATTE P-35-2MRLNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2617.00†	2600.23	-230.00	135.51	2647.88	2642.37	70.84	67.62	-157.35	311.27	21.25	14.65	PASS
2717.00†	2700.09	-234.22	138.52	2752.36	2743.74	60.67	90.76	-153.87	301.90	22.10	13.66	PASS
2817.00†	2799.96	-238.43	141.53	2855.17	2842.53	49.21	116.82	-149.60	291.83	23.11	12.63	PASS
2917.00†	2899.82	-242.65	144.54	2956.10	2938.45	36.59	145.55	-144.50	281.90	24.30	11.60	PASS
3017.00†	2999.69	-246.87	147.54	3052.23	3029.17	23.80	174.66	-138.96	273.62	25.69	10.65	PASS
3117.00†	3099.55	-251.09	150.55	3147.94	3119.49	11.06	203.65	-133.18	268.21	27.21	9.86	PASS
3217.00†	3199.42	-255.31	153.56	3243.66	3209.81	-1.69	232.65	-127.24	265.87	28.82	9.22	PASS
3317.00†	3299.29	-259.52	156.57	3339.37	3300.13	-14.43	261.65	-121.28	266.67	30.46	8.75	PASS
3417.00†	3399.15	-263.74	159.57	3435.08	3390.45	-27.17	290.64	-115.40	270.59	32.07	8.44	PASS
3517.00†	3499.02	-267.96	162.58	3530.79	3480.77	-39.91	319.64	-109.74	277.50	33.59	8.26	PASS
3617.00†	3598.88	-272.18	165.59	3626.50	3571.09	-52.66	348.64	-104.39	287.17	35.00	8.20	PASS
3717.00†	3698.75	-276.39	168.60	3722.21	3661.41	-65.40	377.63	-99.39	299.35	36.30	8.25	PASS
3817.00†	3798.61	-280.61	171.61	3817.93	3751.73	-78.14	406.63	-94.80	313.73	37.49	8.37	PASS
3917.00†	3898.48	-284.83	174.61	3913.64	3842.05	-90.89	435.63	-90.61	330.04	38.59	8.55	PASS
4017.00†	3998.35	-289.05	177.62	4009.35	3932.37	-103.63	464.62	-86.80	348.00	39.62	8.78	PASS
4117.00†	4098.21	-293.27	180.63	4105.06	4022.68	-116.37	493.62	-83.37	367.37	40.58	9.05	PASS
4217.00†	4198.08	-297.48	183.64	4200.77	4113.00	-129.11	522.62	-80.28	387.93	41.51	9.35	PASS
4317.00†	4297.94	-301.70	186.64	4296.49	4203.32	-141.86	551.61	-77.49	409.52	42.41	9.66	PASS
4417.00†	4397.81	-305.92	189.65	4392.20	4293.64	-154.60	580.61	-74.97	431.97	43.29	9.98	PASS
4517.00†	4497.67	-310.14	192.66	4487.91	4383.96	-167.34	609.60	-72.70	455.15	44.17	10.30	PASS
4617.00†	4597.54	-314.36	195.67	4583.62	4474.28	-180.08	638.60	-70.65	478.97	45.04	10.63	PASS
4717.00†	4697.41	-318.57	198.67	4679.33	4564.60	-192.83	667.60	-68.79	503.33	45.91	10.96	PASS
4817.00†	4797.27	-322.79	201.68	4775.05	4654.92	-205.57	696.59	-67.10	528.15	46.79	11.29	PASS
4917.00†	4897.14	-327.01	204.69	4870.76	4745.24	-218.31	725.59	-65.55	553.38	47.67	11.61	PASS
5017.00†	4997.00	-331.23	207.70	4966.47	4835.56	-231.06	754.59	-64.14	578.95	48.56	11.92	PASS
5117.00†	5096.87	-335.45	210.71	5062.18	4925.88	-243.80	783.58	-62.85	604.84	49.46	12.23	PASS
5217.00†	5196.73	-339.66	213.71	5157.89	5016.20	-256.54	812.58	-61.66	630.99	50.37	12.53	PASS
5317.00†	5296.60	-343.88	216.72	5253.61	5106.52	-269.28	841.58	-60.57	657.37	51.28	12.82	PASS
5417.00†	5396.47	-348.10	219.73	5349.32	5196.84	-282.03	870.57	-59.56	683.97	52.20	13.10	PASS
5517.00†	5496.33	-352.32	222.74	5445.03	5287.16	-294.77	899.57	-58.62	710.75	53.14	13.38	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE P-35-2MRLNB PWB** Offset Wellpath: **NORTH PLATTE P-35-2MRLNB (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#30 NORTH PLATTE P-35-2MRLNB (WELL 3, STATE NORTH PLATTE O-26 PAD)** **Well: NORTH PLATTE P-35-2MRLNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5617.00†	5596.20	-356.54	225.74	5540.74	5377.48	-307.51	928.57	-57.75	737.70	54.08	13.64	PASS
5717.00†	5696.06	-360.75	228.75	5636.45	5467.80	-320.25	957.56	-56.95	764.80	55.02	13.90	PASS
5747.47	5726.49	-362.04	229.67	5665.61	5495.31	-324.14	966.40	-56.71	773.08	55.32	13.98	PASS
5817.00†	5795.58	-369.17	231.76	5732.40	5558.33	-333.03	986.63	-79.50	792.10	56.16	14.11	PASS
5917.00†	5892.28	-393.96	234.71	5827.85	5648.40	-345.74	1015.55	-82.72	819.46	57.98	14.13	PASS
6017.00†	5983.21	-435.17	237.52	5919.99	5735.36	-358.00	1043.46	-83.42	846.72	60.41	14.02	PASS
6117.00†	6065.61	-491.56	240.10	6009.84	5820.10	-370.26	1070.67	-84.06	874.55	63.57	13.76	PASS
6217.00†	6136.97	-561.40	242.37	6122.76	5923.70	-399.68	1104.00	-85.23	902.24	67.80	13.31	PASS
6317.00†	6195.11	-642.58	244.27	6253.72	6034.18	-459.68	1139.69	-86.54	927.98	72.83	12.74	PASS
6417.00†	6238.29	-732.62	245.74	6408.24	6143.73	-561.95	1175.30	-87.99	949.82	77.97	12.18	PASS
6517.00†	6265.18	-828.80	246.72	6589.24	6233.51	-715.43	1204.83	-89.31	965.31	82.62	11.68	PASS
6617.00†	6274.97	-928.19	247.20	6790.96	6274.56	-911.36	1218.96	-89.99	971.90	86.38	11.25	PASS
6623.26	6275.00	-934.45	247.22	6803.93	6274.91	-924.32	1219.14	-90.00	971.97	86.59	11.23	PASS
6717.00†	6275.00	-1028.19	247.39	6902.93	6275.00	-1023.33	1219.66	-90.00	972.28	90.97	10.69	PASS
6817.00†	6275.00	-1128.19	247.58	7002.93	6275.00	-1123.32	1220.16	-90.00	972.60	96.02	10.13	PASS
6917.00†	6275.00	-1228.19	247.77	7102.93	6275.00	-1223.32	1220.66	-90.00	972.91	101.23	9.61	PASS
7017.00†	6275.00	-1328.19	247.95	7202.93	6275.00	-1323.32	1221.16	-90.00	973.22	106.57	9.13	PASS
7117.00†	6275.00	-1428.19	248.14	7302.93	6275.00	-1423.32	1221.66	-90.00	973.54	112.01	8.69	PASS
7217.00†	6275.00	-1528.19	248.33	7402.93	6275.00	-1523.32	1222.16	-90.00	973.85	117.55	8.28	PASS
7317.00†	6275.00	-1628.19	248.51	7502.93	6275.00	-1623.32	1222.66	-90.00	974.16	123.17	7.91	PASS
7417.00†	6275.00	-1728.19	248.70	7602.93	6275.00	-1723.31	1223.16	-90.00	974.48	128.85	7.56	PASS
7517.00†	6275.00	-1828.19	248.89	7702.93	6275.00	-1823.31	1223.67	-90.00	974.79	134.92	7.22	PASS
7617.00†	6275.00	-1928.19	249.07	7802.93	6275.00	-1923.31	1224.17	-90.00	975.10	140.39	6.95	PASS
7717.00†	6275.00	-2028.19	249.26	7902.93	6275.00	-2023.31	1224.67	-90.00	975.42	146.24	6.67	PASS
7817.00†	6275.00	-2128.19	249.45	8002.93	6275.00	-2123.31	1225.17	-90.00	975.73	152.12	6.41	PASS
7917.00†	6275.00	-2228.19	249.64	8102.93	6275.00	-2223.30	1225.67	-90.00	976.04	158.05	6.18	PASS
8017.00†	6275.00	-2328.19	249.82	8202.93	6275.00	-2323.30	1226.17	-90.00	976.36	164.00	5.95	PASS
8117.00†	6275.00	-2428.19	250.01	8302.92	6275.00	-2423.30	1226.67	-90.00	976.67	169.99	5.75	PASS
8217.00†	6275.00	-2528.19	250.20	8402.92	6275.00	-2523.30	1227.17	-90.00	976.98	176.00	5.55	PASS
8317.00†	6275.00	-2628.19	250.38	8502.92	6275.00	-2623.30	1227.67	-90.00	977.30	182.04	5.37	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE P-35-2MRLNB PWB** Offset Wellpath: **NORTH PLATTE P-35-2MRLNB (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#30 NORTH PLATTE P-35-2MRLNB (WELL 3, STATE NORTH PLATTE O-26 PAD)** **Well: NORTH PLATTE P-35-2MRLNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
8417.00†	6275.00	-2728.19	250.57	8602.92	6275.00	-2723.30	1228.17	-90.00	977.61	188.09	5.20	PASS
8517.00†	6275.00	-2828.19	250.76	8702.92	6275.00	-2823.29	1228.67	-90.00	977.92	194.17	5.04	PASS
8617.00†	6275.00	-2928.19	250.95	8802.92	6275.00	-2923.29	1229.17	-90.00	978.24	200.26	4.88	PASS
8717.00†	6275.00	-3028.19	251.13	8902.92	6275.00	-3023.29	1229.67	-90.00	978.55	206.37	4.74	PASS
8817.00†	6275.00	-3128.19	251.32	9002.92	6275.00	-3123.29	1230.17	-90.00	978.86	212.50	4.61	PASS
8917.00†	6275.00	-3228.19	251.51	9102.92	6275.00	-3223.29	1230.67	-90.00	979.18	218.64	4.48	PASS
9017.00†	6275.00	-3328.19	251.69	9202.92	6275.00	-3323.29	1231.17	-90.00	979.49	224.79	4.36	PASS
9117.00†	6275.00	-3428.19	251.88	9302.92	6275.00	-3423.28	1231.67	-90.00	979.81	230.95	4.24	PASS
9217.00†	6275.00	-3528.19	252.07	9402.92	6275.00	-3523.28	1232.17	-90.00	980.12	237.12	4.13	PASS
9317.00†	6275.00	-3628.19	252.26	9502.92	6275.00	-3623.28	1232.68	-90.00	980.43	243.30	4.03	PASS
9417.00†	6275.00	-3728.19	252.44	9602.92	6275.00	-3723.28	1233.18	-90.00	980.75	249.50	3.93	PASS
9517.00†	6275.00	-3828.19	252.63	9702.92	6275.00	-3823.28	1233.68	-90.00	981.06	255.70	3.84	PASS
9617.00†	6275.00	-3928.19	252.82	9802.92	6275.00	-3923.28	1234.18	-90.00	981.37	261.90	3.75	PASS
9717.00†	6275.00	-4028.19	253.00	9902.92	6275.00	-4023.27	1234.68	-90.00	981.69	268.12	3.66	PASS
9817.00†	6275.00	-4128.19	253.19	10002.92	6275.00	-4123.27	1235.18	-90.00	982.00	274.34	3.58	PASS
9917.00†	6275.00	-4228.19	253.38	10102.92	6275.00	-4223.27	1235.68	-90.00	982.31	280.57	3.50	PASS
10017.00†	6275.00	-4328.19	253.57	10202.92	6275.00	-4323.27	1236.18	-90.00	982.63	286.80	3.43	PASS
10117.00†	6275.00	-4428.19	253.75	10302.91	6275.00	-4423.27	1236.68	-90.00	982.94	293.04	3.35	PASS
10217.00†	6275.00	-4528.19	253.94	10402.91	6275.00	-4523.26	1237.18	-90.00	983.25	299.29	3.29	PASS
10317.00†	6275.00	-4628.19	254.13	10502.91	6275.00	-4623.26	1237.68	-90.00	983.57	305.54	3.22	PASS
10417.00†	6275.00	-4728.19	254.31	10602.91	6275.00	-4723.26	1238.18	-90.00	983.88	311.79	3.16	PASS
10517.00†	6275.00	-4828.19	254.50	10702.91	6275.00	-4823.26	1238.68	-90.00	984.19	318.05	3.09	PASS
10617.00†	6275.00	-4928.19	254.69	10802.91	6275.00	-4923.26	1239.18	-90.00	984.51	324.31	3.04	PASS
10717.00†	6275.00	-5028.19	254.87	10902.91	6275.00	-5023.26	1239.68	-90.00	984.82	330.58	2.98	PASS
10817.00†	6275.00	-5128.19	255.06	11002.91	6275.00	-5123.25	1240.18	-90.00	985.13	336.85	2.92	PASS
10917.00†	6275.00	-5228.19	255.25	11102.91	6275.00	-5223.25	1240.68	-90.00	985.45	343.12	2.87	PASS
11017.00†	6275.00	-5328.19	255.44	11202.91	6275.00	-5323.25	1241.19	-90.00	985.76	349.40	2.82	PASS
11117.00†	6275.00	-5428.19	255.62	11302.91	6275.00	-5423.25	1241.69	-90.00	986.07	355.68	2.77	PASS
11217.00†	6275.00	-5528.18	255.81	11402.91	6275.00	-5523.25	1242.19	-90.00	986.39	361.96	2.73	PASS
11317.00†	6275.00	-5628.18	256.00	11502.91	6275.00	-5623.25	1242.69	-90.00	986.70	368.24	2.68	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE P-35-2MRLNB PWB** Offset Wellpath: **NORTH PLATTE P-35-2MRLNB (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#30 NORTH PLATTE P-35-2MRLNB (WELL 3, STATE NORTH PLATTE O-26 PAD)** **Well: NORTH PLATTE P-35-2MRLNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
11408.18	6275.00	-5719.36	256.17	11594.09	6275.00	-5714.42	1243.14	-90.00	986.99	373.97	2.64	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: NORTH PLATTE P-35-2MRLNB PWB** **Offset Wellpath: NORTH PLATTE P-35-2MRLNB (REV-A.0) PWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

HOLE & CASING SECTIONS - Offset Wellbore: **NORTH PLATTE P-35-2MRLNB PWB** Offset Wellpath: **NORTH PLATTE P-35-2MRLNB (REV-A.0) PWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	17.00	1550.00	1533.00	17.00	1550.00	61.07	0.51	61.07	0.51

SURVEY PROGRAM - **Offset Wellbore:** **Offset Wellpath: NORTH PLATTE P-35-2MRLNB (REV-A.0) PWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1550.00	BHI NaviTrak (Rotating+Axial Corr)		NORTH PLATTE P-35-2MRLNB PWB
1550.00	11599.07	BHI AutoTrak Curve (Axial Corr, Short spacing)		NORTH PLATTE P-35-2MRLNB PWB

OFFSET WELLPATH REFERENCE - **Offset Wellbore: NORTH PLATTE P-35-2MRLNB PWB** **Offset Wellpath: NORTH PLATTE P-35-2MRLNB (REV-A.0) PWP**

MD Reference: **RIG (4550'GL + 17'RKB) (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **LATHAM 034-K31-2HC AWB** Offset Wellpath: **LATHAM 034-K31-2HC AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#03 LATHAM 034-K31-2HC (328'FSL & 2195'FEL,SEC.2)** **Well: LATHAM 034-K31-2HC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	11040.00	6484.76	-6168.53	-273.32	-177.46	8941.89	71.61	126.01	PASS
117.00†	117.00	0.00	0.00	11040.00	6484.76	-6168.53	-273.32	-177.46	8869.83	71.86	124.56	PASS
200.00	200.00	0.00	0.00	11040.00	6484.76	-6168.53	-273.32	-177.46	8810.44	71.93	123.61	PASS
217.00†	217.00	-0.04	0.03	11040.00	6484.76	-6168.53	-273.32	32.72	8798.29	71.95	123.41	PASS
317.00†	316.97	-2.07	1.19	11040.00	6484.76	-6168.53	-273.32	33.87	8725.96	72.05	122.21	PASS
417.00†	416.79	-7.11	4.11	11040.00	6484.76	-6168.53	-273.32	35.11	8652.19	72.19	120.94	PASS
517.00†	516.35	-15.17	8.76	11040.00	6484.76	-6168.53	-273.32	36.45	8577.02	72.34	119.64	PASS
600.00	598.70	-24.14	13.94	11040.00	6484.76	-6168.53	-273.32	37.63	8513.62	72.47	118.54	PASS
617.00†	615.54	-26.19	15.12	11040.00	6484.76	-6168.53	-273.32	37.63	8500.55	72.50	118.32	PASS
717.00†	714.56	-38.25	22.08	11040.00	6484.76	-6168.53	-273.32	37.63	8423.95	72.63	117.02	PASS
817.00†	813.59	-50.30	29.04	11040.00	6484.76	-6168.53	-273.32	37.63	8347.84	72.78	115.73	PASS
917.00†	912.62	-62.35	36.00	11040.00	6484.76	-6168.53	-273.32	37.63	8272.24	72.95	114.42	PASS
1017.00†	1011.64	-74.40	42.96	11040.00	6484.76	-6168.53	-273.32	37.63	8197.16	73.12	113.12	PASS
1117.00†	1110.67	-86.46	49.92	11040.00	6484.76	-6168.53	-273.32	37.63	8122.62	73.30	111.80	PASS
1217.00†	1209.70	-98.51	56.87	11040.00	6484.76	-6168.53	-273.32	37.63	8048.64	73.50	110.49	PASS
1317.00†	1308.72	-110.56	63.83	11040.00	6484.76	-6168.53	-273.32	37.63	7975.22	73.70	109.17	PASS
1417.00†	1407.75	-122.62	70.79	11040.00	6484.76	-6168.53	-273.32	37.63	7902.38	73.92	107.85	PASS
1517.00†	1506.78	-134.67	77.75	11040.00	6484.76	-6168.53	-273.32	37.63	7830.14	74.15	106.53	PASS
1617.00†	1605.80	-146.72	84.71	11040.00	6484.76	-6168.53	-273.32	37.63	7758.52	73.95	105.28	PASS
1717.00†	1704.83	-158.77	91.67	11040.00	6484.76	-6168.53	-273.32	37.63	7687.53	74.10	104.10	PASS
1817.00†	1803.86	-170.83	98.63	11040.00	6484.76	-6168.53	-273.32	37.63	7617.20	74.26	102.92	PASS
1917.00†	1902.88	-182.88	105.59	11040.00	6484.76	-6168.53	-273.32	37.63	7547.53	74.44	101.74	PASS
2015.07	2000.00	-194.70	112.41	11040.00	6484.76	-6168.53	-273.32	37.63	7479.88	74.62	100.58	PASS
2017.00†	2001.91	-194.93	112.54	11040.00	6484.76	-6168.53	-273.32	37.62	7478.55	74.62	100.56	PASS
2117.00†	2101.17	-205.38	118.69	11040.00	6484.76	-6168.53	-273.32	37.69	7411.40	74.82	99.40	PASS
2217.00†	2200.79	-212.73	123.28	11040.00	6484.76	-6168.53	-273.32	38.95	7347.20	75.02	98.26	PASS
2267.67	2251.37	-215.26	125.01	11040.00	6484.76	-6168.53	-273.32	40.73	7315.86	75.12	97.71	PASS
2317.00†	2300.63	-217.34	126.49	11040.00	6484.76	-6168.53	-273.32	40.73	7285.84	75.22	97.19	PASS
2417.00†	2400.49	-221.56	129.50	11040.00	6484.76	-6168.53	-273.32	40.73	7225.65	75.41	96.13	PASS
2517.00†	2500.36	-225.78	132.50	11040.00	6484.76	-6168.53	-273.32	40.73	7166.34	75.62	95.08	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **LATHAM 034-K31-2HC AWB** Offset Wellpath: **LATHAM 034-K31-2HC AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#03 LATHAM 034-K31-2HC (328'FSL & 2195'FEL,SEC.2)** **Well: LATHAM 034-K31-2HC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2617.00†	2600.23	-230.00	135.51	11040.00	6484.76	-6168.53	-273.32	40.73	7107.95	75.84	94.04	PASS
2717.00†	2700.09	-234.22	138.52	11040.00	6484.76	-6168.53	-273.32	40.73	7050.50	76.06	93.00	PASS
2817.00†	2799.96	-238.43	141.53	11040.00	6484.76	-6168.53	-273.32	40.73	6994.00	76.30	91.97	PASS
2917.00†	2899.82	-242.65	144.54	11040.00	6484.76	-6168.53	-273.32	40.73	6938.48	76.54	90.95	PASS
3017.00†	2999.69	-246.87	147.54	11040.00	6484.76	-6168.53	-273.32	40.73	6883.97	76.80	89.93	PASS
3117.00†	3099.55	-251.09	150.55	11040.00	6484.76	-6168.53	-273.32	40.73	6830.48	77.06	88.93	PASS
3217.00†	3199.42	-255.31	153.56	11040.00	6484.76	-6168.53	-273.32	40.73	6778.05	77.34	87.93	PASS
3317.00†	3299.29	-259.52	156.57	11040.00	6484.76	-6168.53	-273.32	40.73	6726.70	77.62	86.95	PASS
3417.00†	3399.15	-263.74	159.57	11040.00	6484.76	-6168.53	-273.32	40.73	6676.45	77.91	85.97	PASS
3517.00†	3499.02	-267.96	162.58	11040.00	6484.76	-6168.53	-273.32	40.73	6627.33	78.21	85.01	PASS
3617.00†	3598.88	-272.18	165.59	11040.00	6484.76	-6168.53	-273.32	40.73	6579.36	78.52	84.07	PASS
3717.00†	3698.75	-276.39	168.60	11040.00	6484.76	-6168.53	-273.32	40.73	6532.57	78.83	83.13	PASS
3817.00†	3798.61	-280.61	171.61	11040.00	6484.76	-6168.53	-273.32	40.73	6486.98	79.16	82.21	PASS
3917.00†	3898.48	-284.83	174.61	11040.00	6484.76	-6168.53	-273.32	40.73	6442.63	79.49	81.31	PASS
4017.00†	3998.35	-289.05	177.62	11040.00	6484.76	-6168.53	-273.32	40.73	6399.53	79.83	80.42	PASS
4117.00†	4098.21	-293.27	180.63	11040.00	6484.76	-6168.53	-273.32	40.73	6357.71	80.18	79.54	PASS
4217.00†	4198.08	-297.48	183.64	11040.00	6484.76	-6168.53	-273.32	40.73	6317.20	80.54	78.68	PASS
4317.00†	4297.94	-301.70	186.64	11040.00	6484.76	-6168.53	-273.32	40.73	6278.01	80.90	77.85	PASS
4417.00†	4397.81	-305.92	189.65	11040.00	6484.76	-6168.53	-273.32	40.73	6240.19	81.27	77.02	PASS
4517.00†	4497.67	-310.14	192.66	11040.00	6484.76	-6168.53	-273.32	40.73	6203.75	81.64	76.22	PASS
4617.00†	4597.54	-314.36	195.67	11040.00	6484.76	-6168.53	-273.32	40.73	6168.71	82.02	75.44	PASS
4717.00†	4697.41	-318.57	198.67	11040.00	6484.76	-6168.53	-273.32	40.73	6135.10	82.41	74.67	PASS
4817.00†	4797.27	-322.79	201.68	11040.00	6484.76	-6168.53	-273.32	40.73	6102.95	82.80	73.93	PASS
4917.00†	4897.14	-327.01	204.69	11040.00	6484.76	-6168.53	-273.32	40.73	6072.27	83.20	73.21	PASS
5017.00†	4997.00	-331.23	207.70	11040.00	6484.76	-6168.53	-273.32	40.73	6043.09	83.60	72.51	PASS
5117.00†	5096.87	-335.45	210.71	11040.00	6484.76	-6168.53	-273.32	40.73	6015.43	84.00	71.83	PASS
5217.00†	5196.73	-339.66	213.71	11040.00	6484.76	-6168.53	-273.32	40.73	5989.32	84.41	71.17	PASS
5317.00†	5296.60	-343.88	216.72	11040.00	6484.76	-6168.53	-273.32	40.73	5964.77	84.82	70.53	PASS
5417.00†	5396.47	-348.10	219.73	11040.00	6484.76	-6168.53	-273.32	40.73	5941.80	85.23	69.92	PASS
5517.00†	5496.33	-352.32	222.74	11040.00	6484.76	-6168.53	-273.32	40.73	5920.43	85.65	69.33	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **LATHAM 034-K31-2HC AWB** Offset Wellpath: **LATHAM 034-K31-2HC AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#03 LATHAM 034-K31-2HC (328'FSL & 2195'FEL,SEC.2)** **Well: LATHAM 034-K31-2HC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5617.00†	5596.20	-356.54	225.74	11040.00	6484.76	-6168.53	-273.32	40.73	5900.67	86.06	68.76	PASS
5717.00†	5696.06	-360.75	228.75	11040.00	6484.76	-6168.53	-273.32	40.73	5882.55	86.48	68.22	PASS
5747.47	5726.49	-362.04	229.67	11040.00	6484.76	-6168.53	-273.32	40.73	5877.36	86.61	68.06	PASS
5817.00†	5795.58	-369.17	231.76	11040.00	6484.76	-6168.53	-273.32	15.91	5861.97	86.97	67.60	PASS
5917.00†	5892.28	-393.96	234.71	11040.00	6484.76	-6168.53	-273.32	11.00	5827.07	87.98	66.42	PASS
6017.00†	5983.21	-435.17	237.52	11040.00	6484.76	-6168.53	-273.32	9.94	5777.88	89.27	64.91	PASS
6117.00†	6065.61	-491.56	240.10	11040.00	6484.76	-6168.53	-273.32	10.11	5715.54	90.37	63.42	PASS
6217.00†	6136.97	-561.40	242.37	11040.00	6484.76	-6168.53	-273.32	11.24	5641.53	91.28	61.97	PASS
6317.00†	6195.11	-642.58	244.27	11040.00	6484.76	-6168.53	-273.32	13.75	5557.70	92.00	60.57	PASS
6417.00†	6238.29	-732.62	245.74	11040.00	6484.76	-6168.53	-273.32	19.36	5466.20	92.53	59.23	PASS
6517.00†	6265.18	-828.80	246.72	11040.00	6484.76	-6168.53	-273.32	36.12	5369.49	92.91	57.95	PASS
6617.00†	6274.97	-928.19	247.20	11040.00	6484.76	-6168.53	-273.32	106.00	5270.31	93.16	56.73	PASS
6623.26	6275.00	-934.45	247.22	11040.00	6484.76	-6168.53	-273.32	111.58	5264.08	93.17	56.65	PASS
6717.00†	6275.00	-1028.19	247.39	11040.00	6484.76	-6168.53	-273.32	111.58	5170.90	93.37	55.53	PASS
6817.00†	6275.00	-1128.19	247.58	11040.00	6484.76	-6168.53	-273.32	111.58	5071.53	93.59	54.34	PASS
6917.00†	6275.00	-1228.19	247.77	11040.00	6484.76	-6168.53	-273.32	111.58	4972.17	93.82	53.14	PASS
7017.00†	6275.00	-1328.19	247.95	11040.00	6484.76	-6168.53	-273.32	111.58	4872.85	94.08	51.94	PASS
7117.00†	6275.00	-1428.19	248.14	11040.00	6484.76	-6168.53	-273.32	111.58	4773.55	94.34	50.73	PASS
7217.00†	6275.00	-1528.19	248.33	11040.00	6484.76	-6168.53	-273.32	111.58	4674.28	94.63	49.53	PASS
7317.00†	6275.00	-1628.19	248.51	11040.00	6484.76	-6168.53	-273.32	111.58	4575.04	94.94	48.32	PASS
7417.00†	6275.00	-1728.19	248.70	11040.00	6484.76	-6168.53	-273.32	111.58	4475.84	95.27	47.11	PASS
7517.00†	6275.00	-1828.19	248.89	11040.00	6484.76	-6168.53	-273.32	111.58	4376.67	95.62	45.89	PASS
7617.00†	6275.00	-1928.19	249.07	11040.00	6484.76	-6168.53	-273.32	111.58	4277.55	96.00	44.67	PASS
7717.00†	6275.00	-2028.19	249.26	11040.00	6484.76	-6168.53	-273.32	111.58	4178.46	96.40	43.46	PASS
7817.00†	6275.00	-2128.19	249.45	11040.00	6484.76	-6168.53	-273.32	111.58	4079.42	96.84	42.23	PASS
7917.00†	6275.00	-2228.19	249.64	11040.00	6484.76	-6168.53	-273.32	111.58	3980.42	97.31	41.01	PASS
8017.00†	6275.00	-2328.19	249.82	11040.00	6484.76	-6168.53	-273.32	111.58	3881.48	97.81	39.78	PASS
8117.00†	6275.00	-2428.19	250.01	11040.00	6484.76	-6168.53	-273.32	111.58	3782.60	98.35	38.56	PASS
8217.00†	6275.00	-2528.19	250.20	11040.00	6484.76	-6168.53	-273.32	111.58	3683.77	98.94	37.33	PASS
8317.00†	6275.00	-2628.19	250.38	11040.00	6484.76	-6168.53	-273.32	111.58	3585.01	99.58	36.09	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **LATHAM 034-K31-2HC AWB** Offset Wellpath: **LATHAM 034-K31-2HC AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#03 LATHAM 034-K31-2HC (328'FSL & 2195'FEL,SEC.2)** **Well: LATHAM 034-K31-2HC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
8417.00†	6275.00	-2728.19	250.57	11040.00	6484.76	-6168.53	-273.32	111.58	3486.32	100.26	34.86	PASS
8517.00†	6275.00	-2828.19	250.76	11040.00	6484.76	-6168.53	-273.32	111.58	3387.71	101.01	33.62	PASS
8617.00†	6275.00	-2928.19	250.95	11040.00	6484.76	-6168.53	-273.32	111.58	3289.18	101.82	32.38	PASS
8717.00†	6275.00	-3028.19	251.13	11040.00	6484.76	-6168.53	-273.32	111.58	3190.74	102.70	31.14	PASS
8817.00†	6275.00	-3128.19	251.32	11040.00	6484.76	-6168.53	-273.32	111.58	3092.40	103.66	29.90	PASS
8917.00†	6275.00	-3228.19	251.51	11040.00	6484.76	-6168.53	-273.32	111.58	2994.17	104.71	28.66	PASS
9017.00†	6275.00	-3328.19	251.69	11040.00	6484.76	-6168.53	-273.32	111.58	2896.07	105.85	27.42	PASS
9117.00†	6275.00	-3428.19	251.88	11040.00	6484.76	-6168.53	-273.32	111.58	2798.09	107.11	26.18	PASS
9217.00†	6275.00	-3528.19	252.07	11040.00	6484.76	-6168.53	-273.32	111.58	2700.27	108.49	24.94	PASS
9317.00†	6275.00	-3628.19	252.26	11040.00	6484.76	-6168.53	-273.32	111.58	2602.61	110.02	23.71	PASS
9417.00†	6275.00	-3728.19	252.44	11040.00	6484.76	-6168.53	-273.32	111.58	2505.14	111.70	22.48	PASS
9517.00†	6275.00	-3828.19	252.63	11040.00	6484.76	-6168.53	-273.32	111.58	2407.87	113.57	21.25	PASS
9617.00†	6275.00	-3928.19	252.82	11040.00	6484.76	-6168.53	-273.32	111.58	2310.84	115.64	20.03	PASS
9717.00†	6275.00	-4028.19	253.00	11040.00	6484.76	-6168.53	-273.32	111.58	2214.07	117.94	18.81	PASS
9817.00†	6275.00	-4128.19	253.19	11040.00	6484.76	-6168.53	-273.32	111.58	2117.60	120.52	17.61	PASS
9917.00†	6275.00	-4228.19	253.38	11040.00	6484.76	-6168.53	-273.32	111.58	2021.47	123.40	16.41	PASS
10017.00†	6275.00	-4328.19	253.57	11040.00	6484.76	-6168.53	-273.32	111.58	1925.74	126.64	15.23	PASS
10117.00†	6275.00	-4428.19	253.75	11040.00	6484.76	-6168.53	-273.32	111.58	1830.47	130.30	14.07	PASS
10217.00†	6275.00	-4528.19	253.94	11040.00	6484.76	-6168.53	-273.32	111.58	1735.72	134.43	12.93	PASS
10317.00†	6275.00	-4628.19	254.13	11040.00	6484.76	-6168.53	-273.32	111.58	1641.60	139.12	11.82	PASS
10417.00†	6275.00	-4728.19	254.31	11040.00	6484.76	-6168.53	-273.32	111.58	1548.22	144.48	10.73	PASS
10517.00†	6275.00	-4828.19	254.50	11040.00	6484.76	-6168.53	-273.32	111.58	1455.72	150.60	9.68	PASS
10617.00†	6275.00	-4928.19	254.69	11040.00	6484.76	-6168.53	-273.32	111.58	1364.28	157.62	8.67	PASS
10717.00†	6275.00	-5028.19	254.87	11040.00	6484.76	-6168.53	-273.32	111.58	1274.12	165.72	7.70	PASS
10817.00†	6275.00	-5128.19	255.06	11040.00	6484.76	-6168.53	-273.32	111.58	1185.54	175.07	6.78	PASS
10917.00†	6275.00	-5228.19	255.25	11040.00	6484.76	-6168.53	-273.32	111.58	1098.93	185.89	5.92	PASS
11017.00†	6275.00	-5328.19	255.44	11040.00	6484.76	-6168.53	-273.32	111.58	1014.77	198.41	5.12	PASS
11117.00†	6275.00	-5428.19	255.62	11040.00	6484.76	-6168.53	-273.32	111.58	933.75	212.86	4.39	PASS
11217.00†	6275.00	-5528.18	255.81	11040.00	6484.76	-6168.53	-273.32	111.58	856.75	229.41	3.74	PASS
11317.00†	6275.00	-5628.18	256.00	11040.00	6484.76	-6168.53	-273.32	111.58	784.95	248.07	3.17	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **LATHAM 034-K31-2HC AWB** Offset Wellpath: **LATHAM 034-K31-2HC AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#03 LATHAM 034-K31-2HC (328'FSL & 2195'FEL,SEC.2)** **Well: LATHAM 034-K31-2HC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
11408.18	6275.00	-5719.36	256.17	11040.00	6484.76	-6168.53	-273.32	111.58	725.33	266.66	2.72	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: LATHAM 034-K31-2HC AWB** **Offset Wellpath: LATHAM 034-K31-2HC AWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

HOLE & CASING SECTIONS - Offset Wellbore: **LATHAM 034-K31-2HC AWB** Offset Wellpath: **LATHAM 034-K31-2HC AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	17.00	781.00	764.00	47.00	810.98	-6493.91	-93.32	-6494.22	-91.79
8.75in Open Hole	17.00	6780.00	6763.00	47.00	6487.93	-6493.91	-93.32	-6425.14	-151.46
7in Casing Intermediate	17.00	6768.00	6751.00	47.00	6487.80	-6493.91	-93.32	-6428.80	-151.50
6.125in Open Hole	6768.00	11040.00	4272.00	6487.80	6484.76	-6428.80	-151.50	-5127.13	-129.97

WELLPATH COMPOSITION - Offset Wellbore: **LATHAM 034-K31-2HC AWB** Offset Wellpath: **LATHAM 034-K31-2HC AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	6738.00	BHI NaviTrak (Axial)	BHI/Navitrak MagCorr MWD <17'-6738'>	LATHAM 034-K31-2HC AWB
6738.00	10983.00	BHI NaviTrak (Axial)	BHI/Navitrak, MagCorr MWD 6.125" Hole <6799'-10983'>	LATHAM 034-K31-2HC AWB
10983.00	11040.00	Blind Drilling (std)	Projection to bit	LATHAM 034-K31-2HC AWB

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

OFFSET WELLPATH REFERENCE - **Offset Wellbore: LATHAM 034-K31-2HC AWB Offset Wellpath: LATHAM 034-K31-2HC AWP**	
MD Reference: **RIG (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **LATHAM 34-31-2HNB AWB** Offset Wellpath: **LATHAM 34-31-2HNB AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#07 LATHAM 34-31-2HNB (385'FSL & 2252'FEL,SEC.2)** **Well: LATHAM 34-31-2HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	10878.00	6312.02	-6158.58	21.03	179.80	8806.58	70.16	126.70	PASS
117.00†	117.00	0.00	0.00	10878.00	6312.02	-6158.58	21.03	179.80	8735.38	70.38	125.28	PASS
200.00	200.00	0.00	0.00	10878.00	6312.02	-6158.58	21.03	179.80	8676.72	70.43	124.34	PASS
217.00†	217.00	-0.04	0.03	10878.00	6312.02	-6158.58	21.03	29.97	8664.72	70.44	124.15	PASS
317.00†	316.97	-2.07	1.19	10878.00	6312.02	-6158.58	21.03	31.01	8593.24	70.53	122.98	PASS
417.00†	416.79	-7.11	4.11	10878.00	6312.02	-6158.58	21.03	32.13	8520.25	70.64	121.74	PASS
517.00†	516.35	-15.17	8.76	10878.00	6312.02	-6158.58	21.03	33.34	8445.79	70.75	120.49	PASS
600.00	598.70	-24.14	13.94	10878.00	6312.02	-6158.58	21.03	34.41	8382.93	70.84	119.43	PASS
617.00†	615.54	-26.19	15.12	10878.00	6312.02	-6158.58	21.03	34.41	8369.96	70.86	119.22	PASS
717.00†	714.56	-38.25	22.08	10878.00	6312.02	-6158.58	21.03	34.41	8293.98	70.95	117.99	PASS
817.00†	813.59	-50.30	29.04	10878.00	6312.02	-6158.58	21.03	34.41	8218.51	71.04	116.75	PASS
917.00†	912.62	-62.35	36.00	10878.00	6312.02	-6158.58	21.03	34.41	8143.58	71.15	115.51	PASS
1017.00†	1011.64	-74.40	42.96	10878.00	6312.02	-6158.58	21.03	34.41	8069.18	71.27	114.27	PASS
1117.00†	1110.67	-86.46	49.92	10878.00	6312.02	-6158.58	21.03	34.41	7995.35	71.39	113.02	PASS
1217.00†	1209.70	-98.51	56.87	10878.00	6312.02	-6158.58	21.03	34.41	7922.09	71.53	111.77	PASS
1317.00†	1308.72	-110.56	63.83	10878.00	6312.02	-6158.58	21.03	34.41	7849.42	71.68	110.52	PASS
1417.00†	1407.75	-122.62	70.79	10878.00	6312.02	-6158.58	21.03	34.41	7777.36	71.83	109.26	PASS
1517.00†	1506.78	-134.67	77.75	10878.00	6312.02	-6158.58	21.03	34.41	7705.92	72.00	108.00	PASS
1617.00†	1605.80	-146.72	84.71	10878.00	6312.02	-6158.58	21.03	34.41	7635.12	71.73	106.82	PASS
1717.00†	1704.83	-158.77	91.67	10878.00	6312.02	-6158.58	21.03	34.41	7564.98	71.81	105.72	PASS
1817.00†	1803.86	-170.83	98.63	10878.00	6312.02	-6158.58	21.03	34.41	7495.52	71.90	104.62	PASS
1917.00†	1902.88	-182.88	105.59	10878.00	6312.02	-6158.58	21.03	34.41	7426.76	72.00	103.52	PASS
2015.07	2000.00	-194.70	112.41	10878.00	6312.02	-6158.58	21.03	34.41	7360.01	72.10	102.43	PASS
2017.00†	2001.91	-194.93	112.54	10878.00	6312.02	-6158.58	21.03	34.41	7358.71	72.11	102.41	PASS
2117.00†	2101.17	-205.38	118.69	10878.00	6312.02	-6158.58	21.03	34.59	7292.56	72.23	101.32	PASS
2217.00†	2200.79	-212.73	123.28	10878.00	6312.02	-6158.58	21.03	35.94	7229.52	72.37	100.24	PASS
2267.67	2251.37	-215.26	125.01	10878.00	6312.02	-6158.58	21.03	37.77	7198.81	72.44	99.72	PASS
2317.00†	2300.63	-217.34	126.49	10878.00	6312.02	-6158.58	21.03	37.77	7169.43	72.51	99.22	PASS
2417.00†	2400.49	-221.56	129.50	10878.00	6312.02	-6158.58	21.03	37.77	7110.56	72.65	98.22	PASS
2517.00†	2500.36	-225.78	132.50	10878.00	6312.02	-6158.58	21.03	37.77	7052.61	72.79	97.22	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **LATHAM 34-31-2HNB AWB** Offset Wellpath: **LATHAM 34-31-2HNB AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#07 LATHAM 34-31-2HNB (385'FSL & 2252'FEL,SEC.2)** **Well: LATHAM 34-31-2HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2617.00†	2600.23	-230.00	135.51	10878.00	6312.02	-6158.58	21.03	37.77	6995.62	72.95	96.23	PASS
2717.00†	2700.09	-234.22	138.52	10878.00	6312.02	-6158.58	21.03	37.77	6939.60	73.11	95.24	PASS
2817.00†	2799.96	-238.43	141.53	10878.00	6312.02	-6158.58	21.03	37.77	6884.57	73.29	94.26	PASS
2917.00†	2899.82	-242.65	144.54	10878.00	6312.02	-6158.58	21.03	37.77	6830.57	73.47	93.29	PASS
3017.00†	2999.69	-246.87	147.54	10878.00	6312.02	-6158.58	21.03	37.77	6777.61	73.66	92.33	PASS
3117.00†	3099.55	-251.09	150.55	10878.00	6312.02	-6158.58	21.03	37.77	6725.72	73.86	91.37	PASS
3217.00†	3199.42	-255.31	153.56	10878.00	6312.02	-6158.58	21.03	37.77	6674.92	74.07	90.43	PASS
3317.00†	3299.29	-259.52	156.57	10878.00	6312.02	-6158.58	21.03	37.77	6625.25	74.28	89.49	PASS
3417.00†	3399.15	-263.74	159.57	10878.00	6312.02	-6158.58	21.03	37.77	6576.72	74.51	88.57	PASS
3517.00†	3499.02	-267.96	162.58	10878.00	6312.02	-6158.58	21.03	37.77	6529.36	74.74	87.66	PASS
3617.00†	3598.88	-272.18	165.59	10878.00	6312.02	-6158.58	21.03	37.77	6483.20	74.98	86.76	PASS
3717.00†	3698.75	-276.39	168.60	10878.00	6312.02	-6158.58	21.03	37.77	6438.26	75.23	85.87	PASS
3817.00†	3798.61	-280.61	171.61	10878.00	6312.02	-6158.58	21.03	37.77	6394.56	75.49	85.00	PASS
3917.00†	3898.48	-284.83	174.61	10878.00	6312.02	-6158.58	21.03	37.77	6352.15	75.75	84.14	PASS
4017.00†	3998.35	-289.05	177.62	10878.00	6312.02	-6158.58	21.03	37.77	6311.03	76.02	83.29	PASS
4117.00†	4098.21	-293.27	180.63	10878.00	6312.02	-6158.58	21.03	37.77	6271.23	76.30	82.46	PASS
4217.00†	4198.08	-297.48	183.64	10878.00	6312.02	-6158.58	21.03	37.77	6232.79	76.59	81.65	PASS
4317.00†	4297.94	-301.70	186.64	10878.00	6312.02	-6158.58	21.03	37.77	6195.73	76.88	80.85	PASS
4417.00†	4397.81	-305.92	189.65	10878.00	6312.02	-6158.58	21.03	37.77	6160.06	77.19	80.07	PASS
4517.00†	4497.67	-310.14	192.66	10878.00	6312.02	-6158.58	21.03	37.77	6125.82	77.49	79.31	PASS
4617.00†	4597.54	-314.36	195.67	10878.00	6312.02	-6158.58	21.03	37.77	6093.02	77.81	78.56	PASS
4717.00†	4697.41	-318.57	198.67	10878.00	6312.02	-6158.58	21.03	37.77	6061.70	78.13	77.84	PASS
4817.00†	4797.27	-322.79	201.68	10878.00	6312.02	-6158.58	21.03	37.77	6031.88	78.45	77.13	PASS
4917.00†	4897.14	-327.01	204.69	10878.00	6312.02	-6158.58	21.03	37.77	6003.57	78.78	76.45	PASS
5017.00†	4997.00	-331.23	207.70	10878.00	6312.02	-6158.58	21.03	37.77	5976.81	79.12	75.78	PASS
5117.00†	5096.87	-335.45	210.71	10878.00	6312.02	-6158.58	21.03	37.77	5951.60	79.46	75.14	PASS
5217.00†	5196.73	-339.66	213.71	10878.00	6312.02	-6158.58	21.03	37.77	5927.97	79.81	74.51	PASS
5317.00†	5296.60	-343.88	216.72	10878.00	6312.02	-6158.58	21.03	37.77	5905.94	80.16	73.91	PASS
5417.00†	5396.47	-348.10	219.73	10878.00	6312.02	-6158.58	21.03	37.77	5885.53	80.52	73.33	PASS
5517.00†	5496.33	-352.32	222.74	10878.00	6312.02	-6158.58	21.03	37.77	5866.75	80.87	72.77	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **LATHAM 34-31-2HNB AWB** Offset Wellpath: **LATHAM 34-31-2HNB AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#07 LATHAM 34-31-2HNB (385'FSL & 2252'FEL,SEC.2)** **Well: LATHAM 34-31-2HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5617.00†	5596.20	-356.54	225.74	10878.00	6312.02	-6158.58	21.03	37.77	5849.62	81.24	72.23	PASS
5717.00†	5696.06	-360.75	228.75	10878.00	6312.02	-6158.58	21.03	37.77	5834.16	81.60	71.72	PASS
5747.47	5726.49	-362.04	229.67	10878.00	6312.02	-6158.58	21.03	37.77	5829.78	81.71	71.57	PASS
5817.00†	5795.58	-369.17	231.76	10878.00	6312.02	-6158.58	21.03	12.86	5816.22	82.04	71.11	PASS
5917.00†	5892.28	-393.96	234.71	10878.00	6312.02	-6158.58	21.03	7.73	5783.83	82.97	69.92	PASS
6017.00†	5983.21	-435.17	237.52	10878.00	6312.02	-6158.58	21.03	6.31	5736.93	84.20	68.34	PASS
6117.00†	6065.61	-491.56	240.10	10878.00	6312.02	-6158.58	21.03	5.92	5676.61	85.24	66.79	PASS
6217.00†	6136.97	-561.40	242.37	10878.00	6312.02	-6158.58	21.03	6.12	5604.30	86.08	65.30	PASS
6317.00†	6195.11	-642.58	244.27	10878.00	6312.02	-6158.58	21.03	6.99	5521.76	86.70	63.87	PASS
6417.00†	6238.29	-732.62	245.74	10878.00	6312.02	-6158.58	21.03	9.14	5431.11	87.13	62.52	PASS
6517.00†	6265.18	-828.80	246.72	10878.00	6312.02	-6158.58	21.03	15.85	5334.76	87.37	61.23	PASS
6617.00†	6274.97	-928.19	247.20	10878.00	6312.02	-6158.58	21.03	85.17	5235.41	87.48	60.02	PASS
6623.26	6275.00	-934.45	247.22	10878.00	6312.02	-6158.58	21.03	98.92	5229.16	87.49	59.94	PASS
6717.00†	6275.00	-1028.19	247.39	10878.00	6312.02	-6158.58	21.03	98.92	5135.52	87.53	58.84	PASS
6817.00†	6275.00	-1128.19	247.58	10878.00	6312.02	-6158.58	21.03	98.92	5035.63	87.59	57.66	PASS
6917.00†	6275.00	-1228.19	247.77	10878.00	6312.02	-6158.58	21.03	98.92	4935.74	87.64	56.48	PASS
7017.00†	6275.00	-1328.19	247.95	10878.00	6312.02	-6158.58	21.03	98.92	4835.86	87.70	55.30	PASS
7117.00†	6275.00	-1428.19	248.14	10878.00	6312.02	-6158.58	21.03	98.92	4735.99	87.77	54.11	PASS
7217.00†	6275.00	-1528.19	248.33	10878.00	6312.02	-6158.58	21.03	98.92	4636.12	87.84	52.93	PASS
7317.00†	6275.00	-1628.19	248.51	10878.00	6312.02	-6158.58	21.03	98.92	4536.25	87.91	51.75	PASS
7417.00†	6275.00	-1728.19	248.70	10878.00	6312.02	-6158.58	21.03	98.92	4436.39	87.99	50.56	PASS
7517.00†	6275.00	-1828.19	248.89	10878.00	6312.02	-6158.58	21.03	98.92	4336.54	88.08	49.38	PASS
7617.00†	6275.00	-1928.19	249.07	10878.00	6312.02	-6158.58	21.03	98.92	4236.70	88.17	48.19	PASS
7717.00†	6275.00	-2028.19	249.26	10878.00	6312.02	-6158.58	21.03	98.92	4136.86	88.27	47.00	PASS
7817.00†	6275.00	-2128.19	249.45	10878.00	6312.02	-6158.58	21.03	98.92	4037.03	88.37	45.81	PASS
7917.00†	6275.00	-2228.19	249.64	10878.00	6312.02	-6158.58	21.03	98.92	3937.21	88.49	44.62	PASS
8017.00†	6275.00	-2328.19	249.82	10878.00	6312.02	-6158.58	21.03	98.92	3837.40	88.61	43.43	PASS
8117.00†	6275.00	-2428.19	250.01	10878.00	6312.02	-6158.58	21.03	98.92	3737.60	88.74	42.24	PASS
8217.00†	6275.00	-2528.19	250.20	10878.00	6312.02	-6158.58	21.03	98.92	3637.81	88.89	41.04	PASS
8317.00†	6275.00	-2628.19	250.38	10878.00	6312.02	-6158.58	21.03	98.92	3538.03	89.04	39.85	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **LATHAM 34-31-2HNB AWB** Offset Wellpath: **LATHAM 34-31-2HNB AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#07 LATHAM 34-31-2HNB (385'FSL & 2252'FEL,SEC.2)** **Well: LATHAM 34-31-2HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
8417.00†	6275.00	-2728.19	250.57	10878.00	6312.02	-6158.58	21.03	98.92	3438.27	89.21	38.65	PASS
8517.00†	6275.00	-2828.19	250.76	10878.00	6312.02	-6158.58	21.03	98.92	3338.51	89.39	37.45	PASS
8617.00†	6275.00	-2928.19	250.95	10878.00	6312.02	-6158.58	21.03	98.92	3238.78	89.59	36.25	PASS
8717.00†	6275.00	-3028.19	251.13	10878.00	6312.02	-6158.58	21.03	98.92	3139.06	89.80	35.05	PASS
8817.00†	6275.00	-3128.19	251.32	10878.00	6312.02	-6158.58	21.03	98.92	3039.36	90.04	33.85	PASS
8917.00†	6275.00	-3228.19	251.51	10878.00	6312.02	-6158.58	21.03	98.92	2939.68	90.30	32.65	PASS
9017.00†	6275.00	-3328.19	251.69	10878.00	6312.02	-6158.58	21.03	98.92	2840.02	90.58	31.44	PASS
9117.00†	6275.00	-3428.19	251.88	10878.00	6312.02	-6158.58	21.03	98.92	2740.39	90.89	30.23	PASS
9217.00†	6275.00	-3528.19	252.07	10878.00	6312.02	-6158.58	21.03	98.92	2640.78	91.24	29.02	PASS
9317.00†	6275.00	-3628.19	252.26	10878.00	6312.02	-6158.58	21.03	98.92	2541.21	91.63	27.81	PASS
9417.00†	6275.00	-3728.19	252.44	10878.00	6312.02	-6158.58	21.03	98.92	2441.67	92.06	26.59	PASS
9517.00†	6275.00	-3828.19	252.63	10878.00	6312.02	-6158.58	21.03	98.92	2342.17	92.54	25.38	PASS
9617.00†	6275.00	-3928.19	252.82	10878.00	6312.02	-6158.58	21.03	98.92	2242.71	93.09	24.16	PASS
9717.00†	6275.00	-4028.19	253.00	10878.00	6312.02	-6158.58	21.03	98.92	2143.31	93.70	22.93	PASS
9817.00†	6275.00	-4128.19	253.19	10878.00	6312.02	-6158.58	21.03	98.92	2043.96	94.41	21.71	PASS
9917.00†	6275.00	-4228.19	253.38	10878.00	6312.02	-6158.58	21.03	98.92	1944.68	95.21	20.48	PASS
10017.00†	6275.00	-4328.19	253.57	10878.00	6312.02	-6158.58	21.03	98.92	1845.48	96.14	19.24	PASS
10117.00†	6275.00	-4428.19	253.75	10878.00	6312.02	-6158.58	21.03	98.92	1746.37	97.22	18.01	PASS
10217.00†	6275.00	-4528.19	253.94	10878.00	6312.02	-6158.58	21.03	98.92	1647.37	98.49	16.77	PASS
10317.00†	6275.00	-4628.19	254.13	10878.00	6312.02	-6158.58	21.03	98.92	1548.49	99.99	15.52	PASS
10417.00†	6275.00	-4728.19	254.31	10878.00	6312.02	-6158.58	21.03	98.92	1449.77	101.77	14.28	PASS
10517.00†	6275.00	-4828.19	254.50	10878.00	6312.02	-6158.58	21.03	98.92	1351.24	103.91	13.03	PASS
10617.00†	6275.00	-4928.19	254.69	10878.00	6312.02	-6158.58	21.03	98.92	1252.93	106.52	11.79	PASS
10717.00†	6275.00	-5028.19	254.87	10878.00	6312.02	-6158.58	21.03	98.92	1154.93	109.73	10.55	PASS
10817.00†	6275.00	-5128.19	255.06	10878.00	6312.02	-6158.58	21.03	98.92	1057.29	113.74	9.31	PASS
10917.00†	6275.00	-5228.19	255.25	10878.00	6312.02	-6158.58	21.03	98.92	960.14	118.82	8.10	PASS
11017.00†	6275.00	-5328.19	255.44	10878.00	6312.02	-6158.58	21.03	98.92	863.64	125.36	6.90	PASS
11117.00†	6275.00	-5428.19	255.62	10878.00	6312.02	-6158.58	21.03	98.92	768.04	133.94	5.74	PASS
11217.00†	6275.00	-5528.18	255.81	10878.00	6312.02	-6158.58	21.03	98.92	673.72	145.43	4.64	PASS
11317.00†	6275.00	-5628.18	256.00	10878.00	6312.02	-6158.58	21.03	98.92	581.29	161.15	3.61	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **LATHAM 34-31-2HNB AWB** Offset Wellpath: **LATHAM 34-31-2HNB AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#07 LATHAM 34-31-2HNB (385'FSL & 2252'FEL,SEC.2)** **Well: LATHAM 34-31-2HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
11408.18	6275.00	-5719.36	256.17	10878.00	6312.02	-6158.58	21.03	98.92	499.57	180.84	2.77	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: LATHAM 34-31-2HNB AWB** **Offset Wellpath: LATHAM 34-31-2HNB AWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

HOLE & CASING SECTIONS - Offset Wellbore: **LATHAM 34-31-2HNB AWB** Offset Wellpath: **LATHAM 34-31-2HNB AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	17.00	799.00	782.00	47.00	828.89	-6458.38	-129.02	-6458.01	-132.25
9.625in Casing Surface	17.00	790.00	773.00	47.00	819.89	-6458.38	-129.02	-6458.00	-132.18
8.75in Open Hole	799.00	6680.00	5881.00	828.89	6313.43	-6458.01	-132.25	-6385.50	-52.45
7in Casing Intermediate	17.00	6680.00	6663.00	47.00	6313.43	-6458.38	-129.02	-6385.50	-52.45
6.125in Open Hole	6680.00	10878.00	4198.00	6313.43	6312.02	-6385.50	-52.45	-5106.33	-58.10

WELLPATH COMPOSITION - Offset Wellbore: **LATHAM 34-31-2HNB AWB** Offset Wellpath: **LATHAM 34-31-2HNB AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	741.00	BHI NaviTrak (Axial)	BHI/Navitrak MWD 13.5" Hole <17 - 741>	LATHAM 34-31-2HNB AWB
741.00	6637.00	BHI NaviTrak (Axial)	BHI/Navitrak MWD 8.75" Hole <741 - 6637>	LATHAM 34-31-2HNB AWB
6637.00	10823.00	BHI NaviTrak (Axial)	BHI/Navitrak MWD 6.125" Hole <6637 - 10823>	LATHAM 34-31-2HNB AWB
10823.00	10878.00	Blind Drilling (std)	Projection to bit	LATHAM 34-31-2HNB AWB

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

OFFSET WELLPATH REFERENCE - **Offset Wellbore: LATHAM 34-31-2HNB AWB** **Offset Wellpath: LATHAM 34-31-2HNB AWP**	
MD Reference: **RIG (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE O-K-26HNB AWB** Offset Wellpath: **STATE NORTH PLATTE O-K-26HNB AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#06 STATE NORTH PLATTE 0-K-26HNB (479'FSL & 2382'FEL,SEC.26)** **Well: STATE NORTH PLATTE O-K-26HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	16.00	17.00	-0.36	173.05	90.12	173.05	1.10	574.17	PASS
117.00†	117.00	0.00	0.00	117.26	118.26	-0.47	172.69	90.16	172.69	2.12	130.76	PASS
200.00	200.00	0.00	0.00	201.36	202.36	-0.65	171.81	90.22	171.82	2.95	79.49	PASS
217.00†	217.00	-0.04	0.03	218.59	219.58	-0.67	171.56	-59.80	171.55	3.14	73.18	PASS
317.00†	316.97	-2.07	1.19	318.30	319.28	-0.62	170.04	-60.54	168.87	4.23	49.02	PASS
417.00†	416.79	-7.11	4.11	417.71	418.68	-0.30	168.76	-62.48	164.80	5.40	35.65	PASS
517.00†	516.35	-15.17	8.76	516.54	517.50	0.85	167.76	-65.93	159.81	6.40	27.88	PASS
600.00	598.70	-24.14	13.94	600.02	600.97	1.34	166.80	-69.76	154.99	7.34	23.20	PASS
617.00†	615.54	-26.19	15.12	617.13	618.08	1.19	166.56	-70.55	153.91	7.53	22.42	PASS
717.00†	714.56	-38.25	22.08	717.60	718.47	-2.20	164.99	-74.51	147.44	8.66	18.41	PASS
817.00†	813.59	-50.30	29.04	816.86	817.61	-6.95	163.55	-78.20	141.38	9.77	15.50	PASS
917.00†	912.62	-62.35	36.00	916.31	916.93	-11.81	162.13	-82.17	135.95	10.99	13.13	PASS
1017.00†	1011.64	-74.40	42.96	1015.66	1016.15	-16.69	160.68	-86.43	131.19	12.04	11.50	PASS
1117.00†	1110.67	-86.46	49.92	1114.87	1115.23	-21.46	159.30	-91.00	127.32	13.22	10.11	PASS
1217.00†	1209.70	-98.51	56.87	1214.28	1214.53	-26.12	157.95	-95.86	124.42	14.41	9.02	PASS
1317.00†	1308.72	-110.56	63.83	1313.81	1313.94	-30.73	156.41	-101.01	122.36	15.60	8.16	PASS
1417.00†	1407.75	-122.62	70.79	1412.94	1412.95	-35.29	154.82	-106.28	121.30	16.78	7.50	PASS
1517.00†	1506.78	-134.67	77.75	1513.38	1513.25	-40.38	153.52	-111.43	121.13	17.95	6.98	PASS
1617.00†	1605.80	-146.72	84.71	1615.69	1615.31	-47.28	151.63	-116.41	120.24	18.51	6.58	PASS
1717.00†	1704.83	-158.77	91.67	1717.65	1716.82	-56.40	148.84	-121.27	117.87	19.28	6.19	PASS
1817.00†	1803.86	-170.83	98.63	1816.85	1815.50	-66.04	145.67	-126.21	115.45	20.00	5.84	PASS
1917.00†	1902.88	-182.88	105.59	1917.24	1915.33	-76.01	142.12	-131.51	113.63	20.69	5.56	PASS
2015.07	2000.00	-194.70	112.41	2014.97	2012.44	-86.32	138.32	-136.89	112.12	21.35	5.31	PASS
2017.00†	2001.91	-194.93	112.54	2016.86	2014.32	-86.52	138.23	-136.98	112.11	21.36	5.31	PASS
2117.00†	2101.17	-205.38	118.69	2114.84	2111.73	-95.83	133.24	-141.53	111.02	22.04	5.09	PASS
2217.00†	2200.79	-212.73	123.28	2213.97	2210.37	-104.34	128.30	-144.21	108.93	22.82	4.82	PASS
2267.67	2251.37	-215.26	125.01	2264.73	2260.88	-108.76	126.07	-144.06	106.93	23.20	4.66	PASS
2317.00†	2300.63	-217.34	126.49	2314.79	2310.68	-113.39	123.93	-146.04	104.47	23.55	4.48	PASS
2417.00†	2400.49	-221.56	129.50	2416.00	2411.20	-124.16	119.10	-150.73	98.54	24.28	4.10	PASS
2517.00†	2500.36	-225.78	132.50	2516.03	2510.33	-136.21	113.33	-156.69	92.14	25.04	3.71	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE O-K-26HNB AWB** Offset Wellpath: **STATE NORTH PLATTE O-K-26HNB AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#06 STATE NORTH PLATTE 0-K-26HNB (479'FSL & 2382'FEL,SEC.26)** **Well: STATE NORTH PLATTE O-K-26HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2617.00†	2600.23	-230.00	135.51	2614.94	2608.20	-148.56	106.22	-164.35	86.91	25.88	3.38	PASS
2717.00†	2700.09	-234.22	138.52	2714.05	2706.36	-160.53	99.39	-172.50	83.66	26.84	3.14	PASS
2817.00†	2799.96	-238.43	141.53	2813.49	2804.85	-172.50	92.85	179.06	82.10	27.92	2.96	PASS
2851.16†	2834.07	-239.87	142.56	2847.20	2838.25	-176.56	90.68	176.17	81.96	28.32	2.91	PASS
2917.00†	2899.82	-242.65	144.54	2912.16	2902.62	-184.14	86.39	170.68	82.54	29.11	2.85	PASS
3017.00†	2999.69	-246.87	147.54	3011.94	3001.65	-194.88	80.56	163.31	84.81	30.35	2.81	PASS
3109.12†	3091.69	-250.75	150.31	3103.72	3092.72	-205.08	75.54	156.90	87.63	31.52	2.80	PASS
3117.00†	3099.55	-251.09	150.55	3111.41	3100.35	-206.00	75.08	156.33	87.92	31.62	2.80	PASS
3217.00†	3199.42	-255.31	153.56	3209.12	3197.07	-217.83	68.04	149.08	93.39	32.90	2.85	PASS
3317.00†	3299.29	-259.52	156.57	3308.44	3295.43	-229.23	60.27	142.85	101.02	34.18	2.97	PASS
3417.00†	3399.15	-263.74	159.57	3408.79	3394.65	-242.37	53.03	136.71	108.76	35.46	3.08	PASS
3517.00†	3499.02	-267.96	162.58	3507.41	3491.91	-257.02	45.89	130.67	117.42	36.68	3.22	PASS
3617.00†	3598.88	-272.18	165.59	3606.09	3589.06	-272.67	38.39	125.05	127.58	37.84	3.39	PASS
3717.00†	3698.75	-276.39	168.60	3705.70	3687.13	-288.49	31.18	120.21	138.44	38.97	3.57	PASS
3817.00†	3798.61	-280.61	171.61	3805.73	3785.74	-303.98	24.55	116.20	149.46	40.08	3.75	PASS
3917.00†	3898.48	-284.83	174.61	3906.47	3885.27	-318.39	18.65	113.10	160.08	41.18	3.91	PASS
4017.00†	3998.35	-289.05	177.62	4006.98	3984.78	-331.50	13.51	110.74	170.05	42.27	4.04	PASS
4117.00†	4098.21	-293.27	180.63	4107.03	4083.93	-344.03	8.76	108.79	179.77	43.35	4.17	PASS
4217.00†	4198.08	-297.48	183.64	4207.27	4183.35	-356.06	4.28	107.16	189.25	44.41	4.28	PASS
4317.00†	4297.94	-301.70	186.64	4307.72	4283.09	-367.13	-0.04	105.94	198.37	45.46	4.39	PASS
4417.00†	4397.81	-305.92	189.65	4407.43	4382.18	-377.44	-4.20	105.01	207.21	46.51	4.48	PASS
4517.00†	4497.67	-310.14	192.66	4506.70	4480.79	-388.11	-8.27	104.04	216.19	47.55	4.57	PASS
4617.00†	4597.54	-314.36	195.67	4604.23	4577.60	-399.21	-12.46	103.04	225.64	48.56	4.67	PASS
4717.00†	4697.41	-318.57	198.67	4703.64	4676.21	-410.78	-17.33	102.10	235.82	49.60	4.78	PASS
4817.00†	4797.27	-322.79	201.68	4803.91	4775.81	-421.20	-22.48	101.52	245.75	50.67	4.87	PASS
4917.00†	4897.14	-327.01	204.69	4907.63	4878.97	-430.66	-27.36	101.20	254.80	51.78	4.94	PASS
5017.00†	4997.00	-331.23	207.70	5008.51	4979.44	-438.80	-31.30	101.05	262.68	52.85	4.99	PASS
5117.00†	5096.87	-335.45	210.71	5110.04	5080.63	-446.32	-34.96	101.01	270.01	53.91	5.03	PASS
5217.00†	5196.73	-339.66	213.71	5210.79	5181.08	-453.38	-38.23	101.02	276.86	54.98	5.06	PASS
5317.00†	5296.60	-343.88	216.72	5312.50	5282.53	-460.02	-41.19	101.09	283.20	56.05	5.07	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE O-K-26HNB AWB** Offset Wellpath: **STATE NORTH PLATTE O-K-26HNB AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#06 STATE NORTH PLATTE 0-K-26HNB (479'FSL & 2382'FEL,SEC.26)** **Well: STATE NORTH PLATTE O-K-26HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5417.00†	5396.47	-348.10	219.73	5417.62	5387.45	-466.22	-43.40	101.21	288.57	57.13	5.07	PASS
5517.00†	5496.33	-352.32	222.74	5526.84	5496.58	-470.25	-42.98	101.55	290.71	58.20	5.01	PASS
5617.00†	5596.20	-356.54	225.74	5628.40	5598.13	-471.44	-41.88	102.26	291.26	59.24	4.94	PASS
5717.00†	5696.06	-360.75	228.75	5727.54	5697.27	-471.37	-41.28	103.21	291.82	60.25	4.86	PASS
5747.47	5726.49	-362.04	229.67	5757.59	5727.31	-471.29	-41.20	103.52	292.08	60.56	4.84	PASS
5817.00†	5795.58	-369.17	231.76	5830.55	5800.20	-468.63	-41.51	80.69	290.84	61.38	4.76	PASS
5917.00†	5892.28	-393.96	234.71	5969.98	5935.48	-438.26	-38.21	88.99	279.84	62.43	4.50	PASS
6017.00†	5983.21	-435.17	237.52	6030.61	5990.39	-413.07	-33.38	97.57	271.89	64.10	4.26	PASS
6117.00†	6065.61	-491.56	240.10	6064.77	6020.15	-396.40	-31.75	101.12	291.58	63.96	4.58	PASS
6217.00†	6136.97	-561.40	242.37	6080.83	6033.73	-387.84	-31.18	98.35	340.02	62.13	5.49	PASS
6317.00†	6195.11	-642.58	244.27	6083.20	6035.71	-386.54	-31.11	89.13	408.41	60.20	6.81	PASS
6417.00†	6238.29	-732.62	245.74	6076.31	6029.94	-390.30	-31.33	74.97	487.20	59.02	8.29	PASS
6517.00†	6265.18	-828.80	246.72	6063.03	6018.66	-397.30	-31.81	59.47	569.69	58.67	9.75	PASS
6617.00†	6274.97	-928.19	247.20	6044.75	6002.83	-406.40	-32.60	46.29	651.63	58.97	11.10	PASS
6623.26	6275.00	-934.45	247.22	6043.41	6001.66	-407.04	-32.67	45.58	656.67	58.99	11.18	PASS
6717.00†	6275.00	-1028.19	247.39	6024.44	5984.91	-415.88	-33.77	43.99	733.57	59.31	12.42	PASS
6817.00†	6275.00	-1128.19	247.58	6006.56	5968.89	-423.72	-35.09	42.59	818.47	59.68	13.78	PASS
6917.00†	6275.00	-1228.19	247.77	5989.23	5953.17	-430.85	-36.56	41.31	905.63	60.00	15.16	PASS
7017.00†	6275.00	-1328.19	247.95	5973.51	5938.74	-436.94	-37.90	40.20	994.54	60.30	16.57	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: STATE NORTH PLATTE O-K-26HNB AWB** **Offset Wellpath: STATE NORTH PLATTE O-K-26HNB AWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

HOLE & CASING SECTIONS - Offset Wellbore: **STATE NORTH PLATTE O-K-26HNB AWB** Offset Wellpath: **STATE NORTH PLATTE O-K-26HNB AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	17.00	384.00	367.00	18.00	384.97	-0.22	105.49	-0.25	104.31
9.625in Casing Surface	17.00	439.00	422.00	18.00	439.97	-0.22	105.49	-0.15	104.11
8.75in Open Hole	384.00	6690.00	6306.00	384.97	6305.14	-0.25	104.31	39.28	42.01
7in Casing	17.00	6685.00	6668.00	18.00	6304.90	-0.22	105.49	37.76	42.00
6.125in Open Hole	6685.00	10756.00	4071.00	6304.90	6334.68	37.76	42.00	1278.17	53.25

WELLPATH COMPOSITION - Offset Wellbore: **STATE NORTH PLATTE O-K-26HNB AWB** Offset Wellpath: **STATE NORTH PLATTE O-K-26HNB AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	6645.00	BHI NaviTrak (Standard)	BHI/Navitrak MWD 8.75" Hole <17'-6645'>	STATE NORTH PLATTE O-K-26HNB AWB
6645.00	10756.00	BHI NaviTrak (Standard)	BHI/Navitrak MWD 6.125" Hole <6738'-10756'>	STATE NORTH PLATTE O-K-26HNB AWB
10756.00	10811.00	Blind Drilling (std)	Projection to bit	STATE NORTH PLATTE O-K-26HNB AWB

OFFSET WELLPATH REFERENCE - **Offset Wellbore: STATE NORTH PLATTE O-K-26HNB AWB Offset Wellpath: STATE NORTH PLATTE O-K-26HNB AWP**

MD Reference: **CADE 22 (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **LATHAM T44-P41-2HC AWB** Offset Wellpath: **LATHAM T44-P41-2HC AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#05 LATHAM T44-P41-2HC (356'FSL & 2224'FEL,SEC.2)** **Well: LATHAM T44-P41-2HC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	11150.00	6473.68	-6152.15	1005.58	170.72	8974.90	86.81	104.16	PASS
117.00†	117.00	0.00	0.00	11150.00	6473.68	-6152.15	1005.58	170.72	8903.23	87.29	102.76	PASS
200.00	200.00	0.00	0.00	11150.00	6473.68	-6152.15	1005.58	170.72	8844.17	87.55	101.77	PASS
217.00†	217.00	-0.04	0.03	11150.00	6473.68	-6152.15	1005.58	20.84	8832.08	87.61	101.56	PASS
317.00†	316.97	-2.07	1.19	11150.00	6473.68	-6152.15	1005.58	21.59	8759.99	87.94	100.35	PASS
417.00†	416.79	-7.11	4.11	11150.00	6473.68	-6152.15	1005.58	22.41	8686.22	88.30	99.11	PASS
517.00†	516.35	-15.17	8.76	11150.00	6473.68	-6152.15	1005.58	23.30	8610.80	88.63	97.87	PASS
600.00	598.70	-24.14	13.94	11150.00	6473.68	-6152.15	1005.58	24.11	8547.00	88.90	96.85	PASS
617.00†	615.54	-26.19	15.12	11150.00	6473.68	-6152.15	1005.58	24.11	8533.83	88.95	96.64	PASS
717.00†	714.56	-38.25	22.08	11150.00	6473.68	-6152.15	1005.58	24.11	8456.63	89.24	95.46	PASS
817.00†	813.59	-50.30	29.04	11150.00	6473.68	-6152.15	1005.58	24.11	8379.91	89.54	94.28	PASS
917.00†	912.62	-62.35	36.00	11150.00	6473.68	-6152.15	1005.58	24.11	8303.69	89.85	93.09	PASS
1017.00†	1011.64	-74.40	42.96	11150.00	6473.68	-6152.15	1005.58	24.11	8227.97	90.17	91.91	PASS
1117.00†	1110.67	-86.46	49.92	11150.00	6473.68	-6152.15	1005.58	24.11	8152.78	90.50	90.74	PASS
1217.00†	1209.70	-98.51	56.87	11150.00	6473.68	-6152.15	1005.58	24.11	8078.13	90.84	89.57	PASS
1317.00†	1308.72	-110.56	63.83	11150.00	6473.68	-6152.15	1005.58	24.11	8004.03	91.20	88.40	PASS
1417.00†	1407.75	-122.62	70.79	11150.00	6473.68	-6152.15	1005.58	24.11	7930.50	91.56	87.23	PASS
1517.00†	1506.78	-134.67	77.75	11150.00	6473.68	-6152.15	1005.58	24.11	7857.55	91.94	86.07	PASS
1617.00†	1605.80	-146.72	84.71	11150.00	6473.68	-6152.15	1005.58	24.11	7785.21	91.88	84.96	PASS
1717.00†	1704.83	-158.77	91.67	11150.00	6473.68	-6152.15	1005.58	24.11	7713.48	92.18	83.91	PASS
1817.00†	1803.86	-170.83	98.63	11150.00	6473.68	-6152.15	1005.58	24.11	7642.39	92.49	82.86	PASS
1917.00†	1902.88	-182.88	105.59	11150.00	6473.68	-6152.15	1005.58	24.11	7571.95	92.80	81.81	PASS
2015.07	2000.00	-194.70	112.41	11150.00	6473.68	-6152.15	1005.58	24.11	7503.52	93.12	80.80	PASS
2017.00†	2001.91	-194.93	112.54	11150.00	6473.68	-6152.15	1005.58	24.11	7502.18	93.13	80.78	PASS
2117.00†	2101.17	-205.38	118.69	11150.00	6473.68	-6152.15	1005.58	24.54	7434.35	93.48	79.74	PASS
2217.00†	2200.79	-212.73	123.28	11150.00	6473.68	-6152.15	1005.58	26.13	7369.73	93.88	78.71	PASS
2267.67	2251.37	-215.26	125.01	11150.00	6473.68	-6152.15	1005.58	28.07	7338.26	94.09	78.20	PASS
2317.00†	2300.63	-217.34	126.49	11150.00	6473.68	-6152.15	1005.58	28.07	7308.16	94.29	77.71	PASS
2417.00†	2400.49	-221.56	129.50	11150.00	6473.68	-6152.15	1005.58	28.07	7247.78	94.71	76.73	PASS
2517.00†	2500.36	-225.78	132.50	11150.00	6473.68	-6152.15	1005.58	28.07	7188.29	95.13	75.76	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **LATHAM T44-P41-2HC AWB** Offset Wellpath: **LATHAM T44-P41-2HC AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#05 LATHAM T44-P41-2HC (356'FSL & 2224'FEL,SEC.2)** **Well: LATHAM T44-P41-2HC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2617.00†	2600.23	-230.00	135.51	11150.00	6473.68	-6152.15	1005.58	28.07	7129.70	95.57	74.80	PASS
2717.00†	2700.09	-234.22	138.52	11150.00	6473.68	-6152.15	1005.58	28.07	7072.04	96.01	73.85	PASS
2817.00†	2799.96	-238.43	141.53	11150.00	6473.68	-6152.15	1005.58	28.07	7015.33	96.46	72.92	PASS
2917.00†	2899.82	-242.65	144.54	11150.00	6473.68	-6152.15	1005.58	28.07	6959.60	96.92	71.99	PASS
3017.00†	2999.69	-246.87	147.54	11150.00	6473.68	-6152.15	1005.58	28.07	6904.87	97.39	71.08	PASS
3117.00†	3099.55	-251.09	150.55	11150.00	6473.68	-6152.15	1005.58	28.07	6851.16	97.87	70.18	PASS
3217.00†	3199.42	-255.31	153.56	11150.00	6473.68	-6152.15	1005.58	28.07	6798.50	98.35	69.30	PASS
3317.00†	3299.29	-259.52	156.57	11150.00	6473.68	-6152.15	1005.58	28.07	6746.90	98.84	68.43	PASS
3417.00†	3399.15	-263.74	159.57	11150.00	6473.68	-6152.15	1005.58	28.07	6696.41	99.34	67.58	PASS
3517.00†	3499.02	-267.96	162.58	11150.00	6473.68	-6152.15	1005.58	28.07	6647.03	99.84	66.74	PASS
3617.00†	3598.88	-272.18	165.59	11150.00	6473.68	-6152.15	1005.58	28.07	6598.80	100.35	65.92	PASS
3717.00†	3698.75	-276.39	168.60	11150.00	6473.68	-6152.15	1005.58	28.07	6551.74	100.86	65.12	PASS
3817.00†	3798.61	-280.61	171.61	11150.00	6473.68	-6152.15	1005.58	28.07	6505.88	101.38	64.33	PASS
3917.00†	3898.48	-284.83	174.61	11150.00	6473.68	-6152.15	1005.58	28.07	6461.24	101.90	63.56	PASS
4017.00†	3998.35	-289.05	177.62	11150.00	6473.68	-6152.15	1005.58	28.07	6417.85	102.43	62.81	PASS
4117.00†	4098.21	-293.27	180.63	11150.00	6473.68	-6152.15	1005.58	28.07	6375.73	102.95	62.08	PASS
4217.00†	4198.08	-297.48	183.64	11150.00	6473.68	-6152.15	1005.58	28.07	6334.91	103.48	61.37	PASS
4317.00†	4297.94	-301.70	186.64	11150.00	6473.68	-6152.15	1005.58	28.07	6295.42	104.01	60.67	PASS
4417.00†	4397.81	-305.92	189.65	11150.00	6473.68	-6152.15	1005.58	28.07	6257.27	104.54	60.00	PASS
4517.00†	4497.67	-310.14	192.66	11150.00	6473.68	-6152.15	1005.58	28.07	6220.50	105.06	59.35	PASS
4617.00†	4597.54	-314.36	195.67	11150.00	6473.68	-6152.15	1005.58	28.07	6185.12	105.59	58.72	PASS
4717.00†	4697.41	-318.57	198.67	11150.00	6473.68	-6152.15	1005.58	28.07	6151.17	106.11	58.11	PASS
4817.00†	4797.27	-322.79	201.68	11150.00	6473.68	-6152.15	1005.58	28.07	6118.66	106.63	57.52	PASS
4917.00†	4897.14	-327.01	204.69	11150.00	6473.68	-6152.15	1005.58	28.07	6087.63	107.15	56.95	PASS
5017.00†	4997.00	-331.23	207.70	11150.00	6473.68	-6152.15	1005.58	28.07	6058.08	107.65	56.40	PASS
5117.00†	5096.87	-335.45	210.71	11150.00	6473.68	-6152.15	1005.58	28.07	6030.05	108.16	55.88	PASS
5217.00†	5196.73	-339.66	213.71	11150.00	6473.68	-6152.15	1005.58	28.07	6003.56	108.66	55.38	PASS
5317.00†	5296.60	-343.88	216.72	11150.00	6473.68	-6152.15	1005.58	28.07	5978.61	109.15	54.90	PASS
5417.00†	5396.47	-348.10	219.73	11150.00	6473.68	-6152.15	1005.58	28.07	5955.25	109.63	54.45	PASS
5517.00†	5496.33	-352.32	222.74	11150.00	6473.68	-6152.15	1005.58	28.07	5933.48	110.10	54.02	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **LATHAM T44-P41-2HC AWB** Offset Wellpath: **LATHAM T44-P41-2HC AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#05 LATHAM T44-P41-2HC (356'FSL & 2224'FEL,SEC.2)** **Well: LATHAM T44-P41-2HC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5617.00†	5596.20	-356.54	225.74	11150.00	6473.68	-6152.15	1005.58	28.07	5913.32	110.56	53.61	PASS
5717.00†	5696.06	-360.75	228.75	11150.00	6473.68	-6152.15	1005.58	28.07	5894.78	111.01	53.22	PASS
5747.47	5726.49	-362.04	229.67	11150.00	6473.68	-6152.15	1005.58	28.07	5889.46	111.14	53.11	PASS
5817.00†	5795.58	-369.17	231.76	11150.00	6473.68	-6152.15	1005.58	2.89	5873.79	111.51	52.79	PASS
5917.00†	5892.28	-393.96	234.71	11150.00	6473.68	-6152.15	1005.58	-2.90	5838.58	112.46	52.03	PASS
6017.00†	5983.21	-435.17	237.52	11150.00	6473.68	-6152.15	1005.58	-5.41	5789.16	113.73	51.01	PASS
6117.00†	6065.61	-491.56	240.10	11150.00	6473.68	-6152.15	1005.58	-7.54	5726.68	114.82	49.98	PASS
6217.00†	6136.97	-561.40	242.37	11150.00	6473.68	-6152.15	1005.58	-10.16	5652.65	115.73	48.95	PASS
6317.00†	6195.11	-642.58	244.27	11150.00	6473.68	-6152.15	1005.58	-14.24	5568.90	116.44	47.93	PASS
6417.00†	6238.29	-732.62	245.74	11150.00	6473.68	-6152.15	1005.58	-22.15	5477.60	116.97	46.93	PASS
6517.00†	6265.18	-828.80	246.72	11150.00	6473.68	-6152.15	1005.58	-42.77	5381.21	117.34	45.96	PASS
6617.00†	6274.97	-928.19	247.20	11150.00	6473.68	-6152.15	1005.58	-100.74	5282.46	117.61	45.01	PASS
6623.26	6275.00	-934.45	247.22	11150.00	6473.68	-6152.15	1005.58	-104.86	5276.27	117.63	44.95	PASS
6717.00†	6275.00	-1028.19	247.39	11150.00	6473.68	-6152.15	1005.58	-104.86	5183.56	117.85	44.08	PASS
6817.00†	6275.00	-1128.19	247.58	11150.00	6473.68	-6152.15	1005.58	-104.86	5084.70	118.10	43.15	PASS
6917.00†	6275.00	-1228.19	247.77	11150.00	6473.68	-6152.15	1005.58	-104.86	4985.89	118.37	42.21	PASS
7017.00†	6275.00	-1328.19	247.95	11150.00	6473.68	-6152.15	1005.58	-104.86	4887.13	118.66	41.27	PASS
7117.00†	6275.00	-1428.19	248.14	11150.00	6473.68	-6152.15	1005.58	-104.86	4788.42	118.98	40.33	PASS
7217.00†	6275.00	-1528.19	248.33	11150.00	6473.68	-6152.15	1005.58	-104.86	4689.77	119.32	39.39	PASS
7317.00†	6275.00	-1628.19	248.51	11150.00	6473.68	-6152.15	1005.58	-104.86	4591.17	119.69	38.44	PASS
7417.00†	6275.00	-1728.19	248.70	11150.00	6473.68	-6152.15	1005.58	-104.86	4492.64	120.09	37.49	PASS
7517.00†	6275.00	-1828.19	248.89	11150.00	6473.68	-6152.15	1005.58	-104.86	4394.17	120.52	36.53	PASS
7617.00†	6275.00	-1928.19	249.07	11150.00	6473.68	-6152.15	1005.58	-104.86	4295.77	120.99	35.58	PASS
7717.00†	6275.00	-2028.19	249.26	11150.00	6473.68	-6152.15	1005.58	-104.86	4197.45	121.50	34.62	PASS
7817.00†	6275.00	-2128.19	249.45	11150.00	6473.68	-6152.15	1005.58	-104.86	4099.21	122.05	33.65	PASS
7917.00†	6275.00	-2228.19	249.64	11150.00	6473.68	-6152.15	1005.58	-104.86	4001.05	122.65	32.69	PASS
8017.00†	6275.00	-2328.19	249.82	11150.00	6473.68	-6152.15	1005.58	-104.86	3902.99	123.31	31.72	PASS
8117.00†	6275.00	-2428.19	250.01	11150.00	6473.68	-6152.15	1005.58	-104.86	3805.03	124.02	30.74	PASS
8217.00†	6275.00	-2528.19	250.20	11150.00	6473.68	-6152.15	1005.58	-104.86	3707.18	124.79	29.77	PASS
8317.00†	6275.00	-2628.19	250.38	11150.00	6473.68	-6152.15	1005.58	-104.86	3609.45	125.64	28.79	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **LATHAM T44-P41-2HC AWB** Offset Wellpath: **LATHAM T44-P41-2HC AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#05 LATHAM T44-P41-2HC (356'FSL & 2224'FEL,SEC.2)** **Well: LATHAM T44-P41-2HC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
8417.00†	6275.00	-2728.19	250.57	11150.00	6473.68	-6152.15	1005.58	-104.86	3511.84	126.56	27.80	PASS
8517.00†	6275.00	-2828.19	250.76	11150.00	6473.68	-6152.15	1005.58	-104.86	3414.38	127.58	26.81	PASS
8617.00†	6275.00	-2928.19	250.95	11150.00	6473.68	-6152.15	1005.58	-104.86	3317.06	128.69	25.83	PASS
8717.00†	6275.00	-3028.19	251.13	11150.00	6473.68	-6152.15	1005.58	-104.86	3219.91	129.90	24.83	PASS
8817.00†	6275.00	-3128.19	251.32	11150.00	6473.68	-6152.15	1005.58	-104.86	3122.94	131.23	23.84	PASS
8917.00†	6275.00	-3228.19	251.51	11150.00	6473.68	-6152.15	1005.58	-104.86	3026.16	132.70	22.85	PASS
9017.00†	6275.00	-3328.19	251.69	11150.00	6473.68	-6152.15	1005.58	-104.86	2929.61	134.31	21.85	PASS
9117.00†	6275.00	-3428.19	251.88	11150.00	6473.68	-6152.15	1005.58	-104.86	2833.29	136.09	20.86	PASS
9217.00†	6275.00	-3528.19	252.07	11150.00	6473.68	-6152.15	1005.58	-104.86	2737.23	138.05	19.86	PASS
9317.00†	6275.00	-3628.19	252.26	11150.00	6473.68	-6152.15	1005.58	-104.86	2641.47	140.21	18.87	PASS
9417.00†	6275.00	-3728.19	252.44	11150.00	6473.68	-6152.15	1005.58	-104.86	2546.04	142.61	17.88	PASS
9517.00†	6275.00	-3828.19	252.63	11150.00	6473.68	-6152.15	1005.58	-104.86	2450.96	145.25	16.90	PASS
9617.00†	6275.00	-3928.19	252.82	11150.00	6473.68	-6152.15	1005.58	-104.86	2356.30	148.19	15.93	PASS
9717.00†	6275.00	-4028.19	253.00	11150.00	6473.68	-6152.15	1005.58	-104.86	2262.10	151.44	14.96	PASS
9817.00†	6275.00	-4128.19	253.19	11150.00	6473.68	-6152.15	1005.58	-104.86	2168.41	155.05	14.01	PASS
9917.00†	6275.00	-4228.19	253.38	11150.00	6473.68	-6152.15	1005.58	-104.86	2075.31	159.06	13.07	PASS
10017.00†	6275.00	-4328.19	253.57	11150.00	6473.68	-6152.15	1005.58	-104.86	1982.89	163.52	12.14	PASS
10117.00†	6275.00	-4428.19	253.75	11150.00	6473.68	-6152.15	1005.58	-104.86	1891.24	168.49	11.24	PASS
10217.00†	6275.00	-4528.19	253.94	11150.00	6473.68	-6152.15	1005.58	-104.86	1800.47	174.03	10.36	PASS
10317.00†	6275.00	-4628.19	254.13	11150.00	6473.68	-6152.15	1005.58	-104.86	1710.74	180.21	9.50	PASS
10417.00†	6275.00	-4728.19	254.31	11150.00	6473.68	-6152.15	1005.58	-104.86	1622.21	187.11	8.68	PASS
10517.00†	6275.00	-4828.19	254.50	11150.00	6473.68	-6152.15	1005.58	-104.86	1535.08	194.80	7.89	PASS
10617.00†	6275.00	-4928.19	254.69	11150.00	6473.68	-6152.15	1005.58	-104.86	1449.62	203.38	7.14	PASS
10717.00†	6275.00	-5028.19	254.87	11150.00	6473.68	-6152.15	1005.58	-104.86	1366.14	212.94	6.42	PASS
10817.00†	6275.00	-5128.19	255.06	11150.00	6473.68	-6152.15	1005.58	-104.86	1285.01	223.55	5.75	PASS
10917.00†	6275.00	-5228.19	255.25	11150.00	6473.68	-6152.15	1005.58	-104.86	1206.73	235.28	5.13	PASS
11017.00†	6275.00	-5328.19	255.44	11150.00	6473.68	-6152.15	1005.58	-104.86	1131.86	248.15	4.56	PASS
11117.00†	6275.00	-5428.19	255.62	11150.00	6473.68	-6152.15	1005.58	-104.86	1061.15	262.10	4.05	PASS
11217.00†	6275.00	-5528.18	255.81	11150.00	6473.68	-6152.15	1005.58	-104.86	995.47	276.94	3.60	PASS
11317.00†	6275.00	-5628.18	256.00	11150.00	6473.68	-6152.15	1005.58	-104.86	935.89	292.29	3.20	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report

NORTH PLATTE K31-35-2MRLNB (REV-A.0) PWP

Closest Approach

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **LATHAM T44-P41-2HC AWB** Offset Wellpath: **LATHAM T44-P41-2HC AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#05 LATHAM T44-P41-2HC (356'FSL & 2224'FEL,SEC.2)** **Well: LATHAM T44-P41-2HC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
11408.18	6275.00	-5719.36	256.17	11150.00	6473.68	-6152.15	1005.58	-104.86	887.92	306.21	2.90	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: LATHAM T44-P41-2HC AWB** **Offset Wellpath: LATHAM T44-P41-2HC AWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

HOLE & CASING SECTIONS - Offset Wellbore: **LATHAM T44-P41-2HC AWB** Offset Wellpath: **LATHAM T44-P41-2HC AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	170.00	800.00	630.00	200.00	829.99	-6476.03	-112.07	-6475.47	-112.19
9.625in Casing Surface	17.00	789.00	772.00	47.00	818.99	-6476.15	-112.02	-6475.48	-112.21
8.75in Open Hole	800.00	7143.00	6343.00	829.99	6474.61	-6475.47	-112.19	-6334.21	247.84
7in Casing Intermediate	17.00	7143.00	7126.00	47.00	6474.61	-6476.15	-112.02	-6334.21	247.84
6.125in Open Hole	7143.00	11150.00	4007.00	6474.61	6473.68	-6334.21	247.84	-5113.25	250.49

WELLPATH COMPOSITION - Offset Wellbore: **LATHAM T44-P41-2HC AWB** Offset Wellpath: **LATHAM T44-P41-2HC AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	7103.00	BHI NaviTrak (Standard)	BHI/Navitrak MWD 8.75 Hole <17-7103'>	LATHAM T44-P41-2HC AWB
7103.00	11094.00	BHI NaviTrak (Standard)	BHI/Navitrak MWD 6.125" Hole <7232'-11094'>	LATHAM T44-P41-2HC AWB
11094.00	11150.00	Blind Drilling (std)	Projection to bit	LATHAM T44-P41-2HC AWB

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

OFFSET WELLPATH REFERENCE - **Offset Wellbore: LATHAM T44-P41-2HC AWB Offset Wellpath: LATHAM T44-P41-2HC AWP**	
MD Reference: **RIG (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE K21-35-2MRLNC PWB** Offset Wellpath: **NORTH PLATTE K21-35-2MRLNC (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)** **Well: NORTH PLATTE K21-35-2MRLNC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	17.00	17.00	20.04	0.00	0.00	20.04	1.40	32.06	PASS
117.00†	117.00	0.00	0.00	117.00	117.00	20.04	0.00	0.00	20.04	2.02	15.78	PASS
200.00	200.00	0.00	0.00	200.00	200.00	20.04	0.00	0.00	20.04	2.83	9.48	PASS
217.00†	217.00	-0.04	0.03	217.00	217.00	20.04	0.00	-150.07	20.08	3.00	8.77	PASS
317.00†	316.97	-2.07	1.19	316.97	316.97	20.04	0.00	-153.07	22.14	4.21	6.26	PASS
417.00†	416.79	-7.11	4.11	416.79	416.79	20.04	0.00	-158.55	27.46	5.74	5.40	PASS
517.00†	516.35	-15.17	8.76	516.35	516.35	20.04	0.00	-163.88	36.28	7.12	5.61	PASS
600.00	598.70	-24.14	13.94	598.70	598.70	20.04	0.00	-167.39	46.33	8.16	6.19	PASS
617.00†	615.54	-26.19	15.12	615.54	615.54	20.04	0.00	-168.00	48.64	8.34	6.35	PASS
717.00†	714.56	-38.25	22.08	714.56	714.56	20.04	0.00	-170.66	62.33	9.27	7.27	PASS
817.00†	813.59	-50.30	29.04	813.59	813.59	20.04	0.00	-172.36	76.10	10.22	8.00	PASS
917.00†	912.62	-62.35	36.00	912.62	912.62	20.04	0.00	-173.54	89.91	11.18	8.59	PASS
1017.00†	1011.64	-74.40	42.96	1011.64	1011.64	20.04	0.00	-174.41	103.75	12.13	9.09	PASS
1117.00†	1110.67	-86.46	49.92	1110.67	1110.67	20.04	0.00	-175.07	117.61	13.15	9.46	PASS
1217.00†	1209.70	-98.51	56.87	1209.70	1209.70	20.04	0.00	-175.59	131.48	14.14	9.80	PASS
1317.00†	1308.72	-110.56	63.83	1308.72	1308.72	20.04	0.00	-176.01	145.37	15.15	10.08	PASS
1417.00†	1407.75	-122.62	70.79	1407.75	1407.75	20.04	0.00	-176.36	159.25	16.16	10.32	PASS
1517.00†	1506.78	-134.67	77.75	1506.78	1506.78	20.04	0.00	-176.65	173.14	17.18	10.52	PASS
1617.00†	1605.80	-146.72	84.71	1605.80	1605.80	20.04	0.00	-176.90	187.04	16.93	11.05	PASS
1717.00†	1704.83	-158.77	91.67	1704.83	1704.83	20.04	0.00	-177.11	200.94	17.02	11.81	PASS
1817.00†	1803.86	-170.83	98.63	1803.86	1803.86	20.04	0.00	-177.30	214.84	17.14	12.53	PASS
1917.00†	1902.88	-182.88	105.59	1902.88	1902.88	20.04	0.00	-177.47	228.74	17.33	13.20	PASS
2015.07	2000.00	-194.70	112.41	2000.00	2000.00	20.04	0.00	-177.61	242.38	17.57	13.79	PASS
2017.00†	2001.91	-194.93	112.54	2002.03	2002.03	20.04	0.00	-177.60	242.65	17.58	13.80	PASS
2117.00†	2101.17	-205.38	118.69	2107.60	2107.57	18.13	-0.68	-176.99	253.47	17.97	14.11	PASS
2217.00†	2200.79	-212.73	123.28	2213.68	2213.48	12.53	-2.67	-175.94	258.39	18.58	13.91	PASS
2267.67	2251.37	-215.26	125.01	2267.41	2267.02	8.29	-4.19	-174.54	258.67	18.88	13.70	PASS
2317.00†	2300.63	-217.34	126.49	2319.59	2318.92	3.26	-5.98	-175.50	257.97	19.13	13.48	PASS
2417.00†	2400.49	-221.56	129.50	2419.34	2418.04	-7.30	-9.74	-177.53	256.13	19.60	13.07	PASS
2517.00†	2500.36	-225.78	132.50	2518.90	2516.98	-17.85	-13.50	-179.59	254.62	20.13	12.65	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE K21-35-2MRLNC PWB** Offset Wellpath: **NORTH PLATTE K21-35-2MRLNC (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)** **Well: NORTH PLATTE K21-35-2MRLNC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2617.00†	2600.23	-230.00	135.51	2618.47	2615.91	-28.39	-17.26	178.34	253.44	20.71	12.24	PASS
2717.00†	2700.09	-234.22	138.52	2718.03	2714.85	-38.94	-21.02	176.25	252.59	21.35	11.83	PASS
2817.00†	2799.96	-238.43	141.53	2817.60	2813.78	-49.48	-24.78	174.15	252.09	22.04	11.44	PASS
2917.00†	2899.82	-242.65	144.54	2917.17	2912.71	-60.03	-28.54	172.04	251.93	22.78	11.06	PASS
3017.00†	2999.69	-246.87	147.54	3016.73	3011.65	-70.57	-32.30	169.93	252.12	23.56	10.70	PASS
3117.00†	3099.55	-251.09	150.55	3116.30	3110.58	-81.12	-36.05	167.83	252.65	24.39	10.36	PASS
3217.00†	3199.42	-255.31	153.56	3215.86	3209.52	-91.67	-39.81	165.74	253.52	25.26	10.04	PASS
3317.00†	3299.29	-259.52	156.57	3315.43	3308.45	-102.21	-43.57	163.67	254.73	26.15	9.74	PASS
3417.00†	3399.15	-263.74	159.57	3414.99	3407.38	-112.76	-47.33	161.62	256.27	27.09	9.46	PASS
3517.00†	3499.02	-267.96	162.58	3514.56	3506.32	-123.30	-51.09	159.59	258.14	28.04	9.20	PASS
3617.00†	3598.88	-272.18	165.59	3614.12	3605.25	-133.85	-54.85	157.60	260.32	29.03	8.97	PASS
3717.00†	3698.75	-276.39	168.60	3713.69	3704.19	-144.39	-58.61	155.64	262.82	30.03	8.75	PASS
3817.00†	3798.61	-280.61	171.61	3813.26	3803.12	-154.94	-62.37	153.73	265.62	31.06	8.55	PASS
3917.00†	3898.48	-284.83	174.61	3912.82	3902.05	-165.49	-66.12	151.85	268.72	32.10	8.37	PASS
4017.00†	3998.35	-289.05	177.62	4012.39	4000.99	-176.03	-69.88	150.02	272.10	33.15	8.21	PASS
4117.00†	4098.21	-293.27	180.63	4111.95	4099.92	-186.58	-73.64	148.23	275.75	34.21	8.06	PASS
4217.00†	4198.08	-297.48	183.64	4211.52	4198.86	-197.12	-77.40	146.49	279.67	35.29	7.92	PASS
4317.00†	4297.94	-301.70	186.64	4311.08	4297.79	-207.67	-81.16	144.80	283.83	36.37	7.80	PASS
4417.00†	4397.81	-305.92	189.65	4410.65	4396.73	-218.21	-84.92	143.16	288.24	37.46	7.69	PASS
4517.00†	4497.67	-310.14	192.66	4510.21	4495.66	-228.76	-88.68	141.57	292.88	38.55	7.60	PASS
4617.00†	4597.54	-314.36	195.67	4609.78	4594.59	-239.31	-92.43	140.04	297.73	39.65	7.51	PASS
4717.00†	4697.41	-318.57	198.67	4709.35	4693.53	-249.85	-96.19	138.55	302.80	40.75	7.43	PASS
4817.00†	4797.27	-322.79	201.68	4808.91	4792.46	-260.40	-99.95	137.11	308.06	41.85	7.36	PASS
4917.00†	4897.14	-327.01	204.69	4908.48	4891.40	-270.94	-103.71	135.72	313.51	42.96	7.30	PASS
5017.00†	4997.00	-331.23	207.70	5008.04	4990.33	-281.49	-107.47	134.38	319.14	44.06	7.24	PASS
5117.00†	5096.87	-335.45	210.71	5107.61	5089.26	-292.03	-111.23	133.08	324.94	45.17	7.19	PASS
5217.00†	5196.73	-339.66	213.71	5207.17	5188.20	-302.58	-114.99	131.83	330.90	46.27	7.15	PASS
5317.00†	5296.60	-343.88	216.72	5306.74	5287.13	-313.13	-118.75	130.63	337.01	47.38	7.11	PASS
5417.00†	5396.47	-348.10	219.73	5406.31	5386.07	-323.67	-122.50	129.47	343.26	48.48	7.08	PASS
5517.00†	5496.33	-352.32	222.74	5505.87	5485.00	-334.22	-126.26	128.35	349.65	49.59	7.05	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE K21-35-2MRLNC PWB** Offset Wellpath: **NORTH PLATTE K21-35-2MRLNC (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)** **Well: NORTH PLATTE K21-35-2MRLNC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5617.00†	5596.20	-356.54	225.74	5605.44	5583.94	-344.76	-130.02	127.27	356.17	50.69	7.03	PASS
5717.00†	5696.06	-360.75	228.75	5705.00	5682.87	-355.31	-133.78	126.23	362.81	51.79	7.01	PASS
5747.47	5726.49	-362.04	229.67	5735.34	5713.01	-358.52	-134.93	125.92	364.86	52.13	7.00	PASS
5817.00†	5795.58	-369.17	231.76	5804.67	5781.90	-365.86	-137.54	100.44	369.57	52.95	6.98	PASS
5917.00†	5892.28	-393.96	234.71	5900.93	5877.39	-377.27	-141.34	96.35	376.72	54.32	6.94	PASS
6017.00†	5983.21	-435.17	237.52	5994.45	5967.71	-400.54	-146.69	96.13	386.07	55.98	6.90	PASS
6117.00†	6065.61	-491.56	240.10	6090.27	6054.97	-439.14	-154.11	96.61	397.82	58.16	6.84	PASS
6217.00†	6136.97	-561.40	242.37	6188.74	6136.55	-493.25	-163.57	97.24	411.63	60.93	6.76	PASS
6317.00†	6195.11	-642.58	244.27	6290.21	6209.51	-562.64	-174.98	97.81	427.05	64.31	6.64	PASS
6417.00†	6238.29	-732.62	245.74	6395.01	6270.65	-646.55	-188.15	98.23	443.52	68.28	6.50	PASS
6517.00†	6265.18	-828.80	246.72	6503.41	6316.55	-743.48	-202.80	98.47	460.42	72.79	6.33	PASS
6617.00†	6274.97	-928.19	247.20	6615.58	6343.77	-850.97	-218.49	98.51	477.04	77.73	6.14	PASS
6623.26	6275.00	-934.45	247.22	6622.72	6344.77	-857.97	-219.50	98.51	478.06	78.05	6.13	PASS
6717.00†	6275.00	-1028.19	247.39	6726.72	6350.00	-960.71	-234.02	98.86	491.87	82.83	5.94	PASS
6817.00†	6275.00	-1128.19	247.58	6825.73	6350.00	-1058.76	-247.76	98.61	505.77	87.81	5.76	PASS
6917.00†	6275.00	-1228.19	247.77	6924.73	6350.00	-1156.81	-261.50	98.38	519.69	93.01	5.59	PASS
7017.00†	6275.00	-1328.19	247.95	7023.74	6350.00	-1254.86	-275.25	98.16	533.61	98.34	5.43	PASS
7117.00†	6275.00	-1428.19	248.14	7122.75	6350.00	-1352.90	-288.99	97.95	547.54	103.77	5.28	PASS
7217.00†	6275.00	-1528.19	248.33	7221.75	6350.00	-1450.95	-302.73	97.75	561.48	109.29	5.14	PASS
7317.00†	6275.00	-1628.19	248.51	7320.76	6350.00	-1549.00	-316.48	97.56	575.42	114.88	5.01	PASS
7417.00†	6275.00	-1728.19	248.70	7419.76	6350.00	-1647.04	-330.22	97.38	589.37	120.54	4.89	PASS
7517.00†	6275.00	-1828.19	248.89	7518.77	6350.00	-1745.09	-343.96	97.21	603.33	126.27	4.78	PASS
7617.00†	6275.00	-1928.19	249.07	7617.77	6350.00	-1843.14	-357.71	97.05	617.29	132.04	4.68	PASS
7717.00†	6275.00	-2028.19	249.26	7716.78	6350.00	-1941.19	-371.45	96.89	631.25	137.85	4.58	PASS
7817.00†	6275.00	-2128.19	249.45	7815.79	6350.00	-2039.23	-385.19	96.74	645.22	143.70	4.49	PASS
7917.00†	6275.00	-2228.19	249.64	7914.79	6350.00	-2137.28	-398.94	96.60	659.19	149.59	4.41	PASS
8017.00†	6275.00	-2328.19	249.82	8013.80	6350.00	-2235.33	-412.68	96.46	673.17	155.51	4.33	PASS
8117.00†	6275.00	-2428.19	250.01	8112.80	6350.00	-2333.37	-426.42	96.33	687.15	161.45	4.26	PASS
8217.00†	6275.00	-2528.19	250.20	8211.81	6350.00	-2431.42	-440.17	96.20	701.14	167.42	4.19	PASS
8317.00†	6275.00	-2628.19	250.38	8310.81	6350.00	-2529.47	-453.91	96.08	715.12	173.41	4.12	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE K21-35-2MRLNC PWB** Offset Wellpath: **NORTH PLATTE K21-35-2MRLNC (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)** **Well: NORTH PLATTE K21-35-2MRLNC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
8417.00†	6275.00	-2728.19	250.57	8409.82	6350.00	-2627.52	-467.65	95.96	729.11	179.42	4.06	PASS
8517.00†	6275.00	-2828.19	250.76	8508.83	6350.00	-2725.56	-481.40	95.85	743.11	185.45	4.01	PASS
8617.00†	6275.00	-2928.19	250.95	8607.83	6350.00	-2823.61	-495.14	95.74	757.10	191.49	3.95	PASS
8717.00†	6275.00	-3028.19	251.13	8706.84	6350.00	-2921.66	-508.88	95.64	771.10	197.55	3.90	PASS
8817.00†	6275.00	-3128.19	251.32	8805.84	6350.00	-3019.70	-522.63	95.54	785.10	203.62	3.86	PASS
8917.00†	6275.00	-3228.19	251.51	8904.85	6350.00	-3117.75	-536.37	95.44	799.11	209.70	3.81	PASS
9017.00†	6275.00	-3328.19	251.69	9003.85	6350.00	-3215.80	-550.11	95.35	813.11	215.79	3.77	PASS
9117.00†	6275.00	-3428.19	251.88	9102.86	6350.00	-3313.85	-563.86	95.25	827.12	221.89	3.73	PASS
9217.00†	6275.00	-3528.19	252.07	9201.87	6350.00	-3411.89	-577.60	95.17	841.13	228.01	3.69	PASS
9317.00†	6275.00	-3628.19	252.26	9300.87	6350.00	-3509.94	-591.34	95.08	855.14	234.13	3.65	PASS
9417.00†	6275.00	-3728.19	252.44	9399.88	6350.00	-3607.99	-605.09	95.00	869.16	240.25	3.62	PASS
9517.00†	6275.00	-3828.19	252.63	9498.88	6350.00	-3706.04	-618.83	94.92	883.17	246.39	3.58	PASS
9617.00†	6275.00	-3928.19	252.82	9597.89	6350.00	-3804.08	-632.57	94.84	897.19	252.53	3.55	PASS
9717.00†	6275.00	-4028.19	253.00	9696.89	6350.00	-3902.13	-646.32	94.77	911.20	258.68	3.52	PASS
9817.00†	6275.00	-4128.19	253.19	9795.90	6350.00	-4000.18	-660.06	94.70	925.22	264.83	3.49	PASS
9917.00†	6275.00	-4228.19	253.38	9894.91	6350.00	-4098.22	-673.80	94.63	939.25	270.99	3.47	PASS
10017.00†	6275.00	-4328.19	253.57	9993.91	6350.00	-4196.27	-687.55	94.56	953.27	277.16	3.44	PASS
10117.00†	6275.00	-4428.19	253.75	10092.92	6350.00	-4294.32	-701.29	94.49	967.29	283.33	3.41	PASS
10217.00†	6275.00	-4528.19	253.94	10191.92	6350.00	-4392.37	-715.03	94.43	981.32	289.50	3.39	PASS
10317.00†	6275.00	-4628.19	254.13	10290.93	6350.00	-4490.41	-728.78	94.37	995.34	295.68	3.37	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: NORTH PLATTE K21-35-2MRLNC PWB** **Offset Wellpath: NORTH PLATTE K21-35-2MRLNC (REV-A.0) PWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

HOLE & CASING SECTIONS - Offset Wellbore: **NORTH PLATTE K21-35-2MRLNC PWB** Offset Wellpath: **NORTH PLATTE K21-35-2MRLNC (REV-A.0) PWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	17.00	1550.00	1533.00	17.00	1550.00	12.21	0.00	12.21	0.00

SURVEY PROGRAM - Offset Wellbore: Offset Wellpath: **NORTH PLATTE K21-35-2MRLNC (REV-A.0) PWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1550.00	BHI NaviTrak (Rotating+Axial Corr)		NORTH PLATTE K21-35-2MRLNC PWB
1550.00	11532.07	BHI AutoTrak Curve (Axial Corr, Short spacing)		NORTH PLATTE K21-35-2MRLNC PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: **NORTH PLATTE K21-35-2MRLNC PWB** Offset Wellpath: **NORTH PLATTE K21-35-2MRLNC (REV-A.0) PWP**

MD Reference: **RIG (4550'GL + 17'RKB) (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **Ex.LATHAM O-K-2HNB AWB** Offset Wellpath: **Ex.LATHAM O-K-2HNB AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#02 Ex.LATHAM O-K-2HNB (295'FSL & 2162'FEL,SEC.2)** **Well: Ex.LATHAM O-K-2HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	10917.00	6312.88	-6161.75	-594.60	-174.49	8829.43	67.46	132.45	PASS
117.00†	117.00	0.00	0.00	10917.00	6312.88	-6161.75	-594.60	-174.49	8758.40	67.70	130.91	PASS
200.00	200.00	0.00	0.00	10917.00	6312.88	-6161.75	-594.60	-174.49	8699.89	67.78	129.89	PASS
217.00†	217.00	-0.04	0.03	10917.00	6312.88	-6161.75	-594.60	35.71	8687.92	67.79	129.68	PASS
317.00†	316.97	-2.07	1.19	10917.00	6312.88	-6161.75	-594.60	36.91	8616.71	67.91	128.40	PASS
417.00†	416.79	-7.11	4.11	10917.00	6312.88	-6161.75	-594.60	38.20	8544.11	68.05	127.03	PASS
517.00†	516.35	-15.17	8.76	10917.00	6312.88	-6161.75	-594.60	39.57	8470.19	68.22	125.63	PASS
600.00	598.70	-24.14	13.94	10917.00	6312.88	-6161.75	-594.60	40.79	8407.88	68.36	124.44	PASS
617.00†	615.54	-26.19	15.12	10917.00	6312.88	-6161.75	-594.60	40.79	8395.03	68.39	124.19	PASS
717.00†	714.56	-38.25	22.08	10917.00	6312.88	-6161.75	-594.60	40.79	8319.78	68.56	122.78	PASS
817.00†	813.59	-50.30	29.04	10917.00	6312.88	-6161.75	-594.60	40.79	8245.06	68.73	121.36	PASS
917.00†	912.62	-62.35	36.00	10917.00	6312.88	-6161.75	-594.60	40.79	8170.87	68.92	119.94	PASS
1017.00†	1011.64	-74.40	42.96	10917.00	6312.88	-6161.75	-594.60	40.79	8097.25	69.12	118.51	PASS
1117.00†	1110.67	-86.46	49.92	10917.00	6312.88	-6161.75	-594.60	40.79	8024.19	69.33	117.08	PASS
1217.00†	1209.70	-98.51	56.87	10917.00	6312.88	-6161.75	-594.60	40.79	7951.72	69.56	115.64	PASS
1317.00†	1308.72	-110.56	63.83	10917.00	6312.88	-6161.75	-594.60	40.79	7879.85	69.79	114.20	PASS
1417.00†	1407.75	-122.62	70.79	10917.00	6312.88	-6161.75	-594.60	40.79	7808.60	70.04	112.76	PASS
1517.00†	1506.78	-134.67	77.75	10917.00	6312.88	-6161.75	-594.60	40.79	7737.98	70.31	111.32	PASS
1617.00†	1605.80	-146.72	84.71	10917.00	6312.88	-6161.75	-594.60	40.79	7668.03	69.74	109.96	PASS
1717.00†	1704.83	-158.77	91.67	10917.00	6312.88	-6161.75	-594.60	40.79	7598.74	69.92	108.68	PASS
1817.00†	1803.86	-170.83	98.63	10917.00	6312.88	-6161.75	-594.60	40.79	7530.14	70.12	107.40	PASS
1917.00†	1902.88	-182.88	105.59	10917.00	6312.88	-6161.75	-594.60	40.79	7462.25	70.33	106.11	PASS
2015.07	2000.00	-194.70	112.41	10917.00	6312.88	-6161.75	-594.60	40.79	7396.38	70.54	104.85	PASS
2017.00†	2001.91	-194.93	112.54	10917.00	6312.88	-6161.75	-594.60	40.79	7395.10	70.55	104.83	PASS
2117.00†	2101.17	-205.38	118.69	10917.00	6312.88	-6161.75	-594.60	40.83	7329.78	70.77	103.57	PASS
2217.00†	2200.79	-212.73	123.28	10917.00	6312.88	-6161.75	-594.60	42.06	7267.43	71.01	102.34	PASS
2267.67	2251.37	-215.26	125.01	10917.00	6312.88	-6161.75	-594.60	43.83	7237.02	71.12	101.75	PASS
2317.00†	2300.63	-217.34	126.49	10917.00	6312.88	-6161.75	-594.60	43.83	7207.92	71.23	101.20	PASS
2417.00†	2400.49	-221.56	129.50	10917.00	6312.88	-6161.75	-594.60	43.83	7149.61	71.45	100.07	PASS
2517.00†	2500.36	-225.78	132.50	10917.00	6312.88	-6161.75	-594.60	43.83	7092.23	71.68	98.95	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **Ex.LATHAM O-K-2HNB AWB** Offset Wellpath: **Ex.LATHAM O-K-2HNB AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#02 Ex.LATHAM O-K-2HNB (295'FSL & 2162'FEL,SEC.2)** **Well: Ex.LATHAM O-K-2HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2617.00†	2600.23	-230.00	135.51	10917.00	6312.88	-6161.75	-594.60	43.83	7035.81	71.92	97.83	PASS
2717.00†	2700.09	-234.22	138.52	10917.00	6312.88	-6161.75	-594.60	43.83	6980.36	72.17	96.72	PASS
2817.00†	2799.96	-238.43	141.53	10917.00	6312.88	-6161.75	-594.60	43.83	6925.91	72.43	95.63	PASS
2917.00†	2899.82	-242.65	144.54	10917.00	6312.88	-6161.75	-594.60	43.83	6872.48	72.70	94.54	PASS
3017.00†	2999.69	-246.87	147.54	10917.00	6312.88	-6161.75	-594.60	43.83	6820.11	72.98	93.46	PASS
3117.00†	3099.55	-251.09	150.55	10917.00	6312.88	-6161.75	-594.60	43.83	6768.80	73.27	92.39	PASS
3217.00†	3199.42	-255.31	153.56	10917.00	6312.88	-6161.75	-594.60	43.83	6718.59	73.56	91.33	PASS
3317.00†	3299.29	-259.52	156.57	10917.00	6312.88	-6161.75	-594.60	43.83	6669.51	73.87	90.28	PASS
3417.00†	3399.15	-263.74	159.57	10917.00	6312.88	-6161.75	-594.60	43.83	6621.57	74.19	89.25	PASS
3517.00†	3499.02	-267.96	162.58	10917.00	6312.88	-6161.75	-594.60	43.83	6574.80	74.51	88.23	PASS
3617.00†	3598.88	-272.18	165.59	10917.00	6312.88	-6161.75	-594.60	43.83	6529.22	74.85	87.23	PASS
3717.00†	3698.75	-276.39	168.60	10917.00	6312.88	-6161.75	-594.60	43.83	6484.87	75.19	86.24	PASS
3817.00†	3798.61	-280.61	171.61	10917.00	6312.88	-6161.75	-594.60	43.83	6441.77	75.54	85.27	PASS
3917.00†	3898.48	-284.83	174.61	10917.00	6312.88	-6161.75	-594.60	43.83	6399.94	75.90	84.32	PASS
4017.00†	3998.35	-289.05	177.62	10917.00	6312.88	-6161.75	-594.60	43.83	6359.41	76.27	83.38	PASS
4117.00†	4098.21	-293.27	180.63	10917.00	6312.88	-6161.75	-594.60	43.83	6320.19	76.64	82.46	PASS
4217.00†	4198.08	-297.48	183.64	10917.00	6312.88	-6161.75	-594.60	43.83	6282.33	77.03	81.56	PASS
4317.00†	4297.94	-301.70	186.64	10917.00	6312.88	-6161.75	-594.60	43.83	6245.84	77.41	80.68	PASS
4417.00†	4397.81	-305.92	189.65	10917.00	6312.88	-6161.75	-594.60	43.83	6210.74	77.81	79.82	PASS
4517.00†	4497.67	-310.14	192.66	10917.00	6312.88	-6161.75	-594.60	43.83	6177.06	78.21	78.98	PASS
4617.00†	4597.54	-314.36	195.67	10917.00	6312.88	-6161.75	-594.60	43.83	6144.83	78.61	78.17	PASS
4717.00†	4697.41	-318.57	198.67	10917.00	6312.88	-6161.75	-594.60	43.83	6114.06	79.02	77.37	PASS
4817.00†	4797.27	-322.79	201.68	10917.00	6312.88	-6161.75	-594.60	43.83	6084.78	79.44	76.60	PASS
4917.00†	4897.14	-327.01	204.69	10917.00	6312.88	-6161.75	-594.60	43.83	6057.01	79.85	75.85	PASS
5017.00†	4997.00	-331.23	207.70	10917.00	6312.88	-6161.75	-594.60	43.83	6030.77	80.28	75.12	PASS
5117.00†	5096.87	-335.45	210.71	10917.00	6312.88	-6161.75	-594.60	43.83	6006.08	80.70	74.42	PASS
5217.00†	5196.73	-339.66	213.71	10917.00	6312.88	-6161.75	-594.60	43.83	5982.96	81.13	73.75	PASS
5317.00†	5296.60	-343.88	216.72	10917.00	6312.88	-6161.75	-594.60	43.83	5961.43	81.56	73.09	PASS
5417.00†	5396.47	-348.10	219.73	10917.00	6312.88	-6161.75	-594.60	43.83	5941.51	81.99	72.47	PASS
5517.00†	5496.33	-352.32	222.74	10917.00	6312.88	-6161.75	-594.60	43.83	5923.20	82.42	71.87	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **Ex.LATHAM O-K-2HNB AWB** Offset Wellpath: **Ex.LATHAM O-K-2HNB AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#02 Ex.LATHAM O-K-2HNB (295'FSL & 2162'FEL,SEC.2)** **Well: Ex.LATHAM O-K-2HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5617.00†	5596.20	-356.54	225.74	10917.00	6312.88	-6161.75	-594.60	43.83	5906.53	82.85	71.29	PASS
5717.00†	5696.06	-360.75	228.75	10917.00	6312.88	-6161.75	-594.60	43.83	5891.51	83.28	70.74	PASS
5747.47	5726.49	-362.04	229.67	10917.00	6312.88	-6161.75	-594.60	43.83	5887.27	83.41	70.58	PASS
5817.00†	5795.58	-369.17	231.76	10917.00	6312.88	-6161.75	-594.60	19.05	5874.05	83.80	70.10	PASS
5917.00†	5892.28	-393.96	234.71	10917.00	6312.88	-6161.75	-594.60	14.30	5842.26	84.86	68.85	PASS
6017.00†	5983.21	-435.17	237.52	10917.00	6312.88	-6161.75	-594.60	13.49	5796.10	86.23	67.22	PASS
6117.00†	6065.61	-491.56	240.10	10917.00	6312.88	-6161.75	-594.60	14.07	5736.63	87.44	65.61	PASS
6217.00†	6136.97	-561.40	242.37	10917.00	6312.88	-6161.75	-594.60	15.84	5665.28	88.48	64.03	PASS
6317.00†	6195.11	-642.58	244.27	10917.00	6312.88	-6161.75	-594.60	19.33	5583.81	89.35	62.49	PASS
6417.00†	6238.29	-732.62	245.74	10917.00	6312.88	-6161.75	-594.60	26.39	5494.29	90.06	61.01	PASS
6517.00†	6265.18	-828.80	246.72	10917.00	6312.88	-6161.75	-594.60	43.31	5399.12	90.62	59.58	PASS
6617.00†	6274.97	-928.19	247.20	10917.00	6312.88	-6161.75	-594.60	88.71	5300.96	91.07	58.21	PASS
6623.26	6275.00	-934.45	247.22	10917.00	6312.88	-6161.75	-594.60	92.55	5294.78	91.10	58.12	PASS
6717.00†	6275.00	-1028.19	247.39	10917.00	6312.88	-6161.75	-594.60	92.55	5202.29	91.48	56.87	PASS
6817.00†	6275.00	-1128.19	247.58	10917.00	6312.88	-6161.75	-594.60	92.55	5103.67	91.91	55.53	PASS
6917.00†	6275.00	-1228.19	247.77	10917.00	6312.88	-6161.75	-594.60	92.55	5005.10	92.38	54.18	PASS
7017.00†	6275.00	-1328.19	247.95	10917.00	6312.88	-6161.75	-594.60	92.55	4906.59	92.87	52.83	PASS
7117.00†	6275.00	-1428.19	248.14	10917.00	6312.88	-6161.75	-594.60	92.55	4808.14	93.40	51.48	PASS
7217.00†	6275.00	-1528.19	248.33	10917.00	6312.88	-6161.75	-594.60	92.55	4709.76	93.96	50.12	PASS
7317.00†	6275.00	-1628.19	248.51	10917.00	6312.88	-6161.75	-594.60	92.55	4611.45	94.57	48.76	PASS
7417.00†	6275.00	-1728.19	248.70	10917.00	6312.88	-6161.75	-594.60	92.55	4513.21	95.21	47.40	PASS
7517.00†	6275.00	-1828.19	248.89	10917.00	6312.88	-6161.75	-594.60	92.55	4415.05	95.90	46.04	PASS
7617.00†	6275.00	-1928.19	249.07	10917.00	6312.88	-6161.75	-594.60	92.55	4316.97	96.63	44.67	PASS
7717.00†	6275.00	-2028.19	249.26	10917.00	6312.88	-6161.75	-594.60	92.55	4218.99	97.42	43.31	PASS
7817.00†	6275.00	-2128.19	249.45	10917.00	6312.88	-6161.75	-594.60	92.55	4121.10	98.26	41.94	PASS
7917.00†	6275.00	-2228.19	249.64	10917.00	6312.88	-6161.75	-594.60	92.55	4023.32	99.17	40.57	PASS
8017.00†	6275.00	-2328.19	249.82	10917.00	6312.88	-6161.75	-594.60	92.55	3925.64	100.14	39.20	PASS
8117.00†	6275.00	-2428.19	250.01	10917.00	6312.88	-6161.75	-594.60	92.55	3828.09	101.18	37.83	PASS
8217.00†	6275.00	-2528.19	250.20	10917.00	6312.88	-6161.75	-594.60	92.55	3730.67	102.30	36.47	PASS
8317.00†	6275.00	-2628.19	250.38	10917.00	6312.88	-6161.75	-594.60	92.55	3633.39	103.51	35.10	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **Ex.LATHAM O-K-2HNB AWB** Offset Wellpath: **Ex.LATHAM O-K-2HNB AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#02 Ex.LATHAM O-K-2HNB (295'FSL & 2162'FEL,SEC.2)** **Well: Ex.LATHAM O-K-2HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
8417.00†	6275.00	-2728.19	250.57	10917.00	6312.88	-6161.75	-594.60	92.55	3536.25	104.81	33.74	PASS
8517.00†	6275.00	-2828.19	250.76	10917.00	6312.88	-6161.75	-594.60	92.55	3439.29	106.21	32.38	PASS
8617.00†	6275.00	-2928.19	250.95	10917.00	6312.88	-6161.75	-594.60	92.55	3342.50	107.72	31.03	PASS
8717.00†	6275.00	-3028.19	251.13	10917.00	6312.88	-6161.75	-594.60	92.55	3245.91	109.36	29.68	PASS
8817.00†	6275.00	-3128.19	251.32	10917.00	6312.88	-6161.75	-594.60	92.55	3149.53	111.12	28.34	PASS
8917.00†	6275.00	-3228.19	251.51	10917.00	6312.88	-6161.75	-594.60	92.55	3053.38	113.04	27.01	PASS
9017.00†	6275.00	-3328.19	251.69	10917.00	6312.88	-6161.75	-594.60	92.55	2957.49	115.11	25.69	PASS
9117.00†	6275.00	-3428.19	251.88	10917.00	6312.88	-6161.75	-594.60	92.55	2861.88	117.36	24.38	PASS
9217.00†	6275.00	-3528.19	252.07	10917.00	6312.88	-6161.75	-594.60	92.55	2766.58	119.81	23.09	PASS
9317.00†	6275.00	-3628.19	252.26	10917.00	6312.88	-6161.75	-594.60	92.55	2671.62	122.47	21.81	PASS
9417.00†	6275.00	-3728.19	252.44	10917.00	6312.88	-6161.75	-594.60	92.55	2577.04	125.37	20.56	PASS
9517.00†	6275.00	-3828.19	252.63	10917.00	6312.88	-6161.75	-594.60	92.55	2482.89	128.54	19.32	PASS
9617.00†	6275.00	-3928.19	252.82	10917.00	6312.88	-6161.75	-594.60	92.55	2389.22	131.99	18.10	PASS
9717.00†	6275.00	-4028.19	253.00	10917.00	6312.88	-6161.75	-594.60	92.55	2296.08	135.78	16.91	PASS
9817.00†	6275.00	-4128.19	253.19	10917.00	6312.88	-6161.75	-594.60	92.55	2203.54	139.92	15.75	PASS
9917.00†	6275.00	-4228.19	253.38	10917.00	6312.88	-6161.75	-594.60	92.55	2111.68	144.47	14.62	PASS
10017.00†	6275.00	-4328.19	253.57	10917.00	6312.88	-6161.75	-594.60	92.55	2020.59	149.47	13.52	PASS
10117.00†	6275.00	-4428.19	253.75	10917.00	6312.88	-6161.75	-594.60	92.55	1930.38	154.96	12.46	PASS
10217.00†	6275.00	-4528.19	253.94	10917.00	6312.88	-6161.75	-594.60	92.55	1841.19	161.02	11.43	PASS
10317.00†	6275.00	-4628.19	254.13	10917.00	6312.88	-6161.75	-594.60	92.55	1753.17	167.69	10.45	PASS
10417.00†	6275.00	-4728.19	254.31	10917.00	6312.88	-6161.75	-594.60	92.55	1666.49	175.06	9.52	PASS
10517.00†	6275.00	-4828.19	254.50	10917.00	6312.88	-6161.75	-594.60	92.55	1581.39	183.18	8.63	PASS
10617.00†	6275.00	-4928.19	254.69	10917.00	6312.88	-6161.75	-594.60	92.55	1498.14	192.13	7.80	PASS
10717.00†	6275.00	-5028.19	254.87	10917.00	6312.88	-6161.75	-594.60	92.55	1417.05	201.98	7.02	PASS
10817.00†	6275.00	-5128.19	255.06	10917.00	6312.88	-6161.75	-594.60	92.55	1338.51	212.79	6.29	PASS
10917.00†	6275.00	-5228.19	255.25	10917.00	6312.88	-6161.75	-594.60	92.55	1263.02	224.58	5.62	PASS
11017.00†	6275.00	-5328.19	255.44	10917.00	6312.88	-6161.75	-594.60	92.55	1191.15	237.34	5.02	PASS
11117.00†	6275.00	-5428.19	255.62	10917.00	6312.88	-6161.75	-594.60	92.55	1123.58	250.99	4.48	PASS
11217.00†	6275.00	-5528.18	255.81	10917.00	6312.88	-6161.75	-594.60	92.55	1061.15	265.32	4.00	PASS
11317.00†	6275.00	-5628.18	256.00	10917.00	6312.88	-6161.75	-594.60	92.55	1004.81	279.98	3.59	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **Ex.LATHAM O-K-2HNB AWB** Offset Wellpath: **Ex.LATHAM O-K-2HNB AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#02 Ex.LATHAM O-K-2HNB (295'FSL & 2162'FEL,SEC.2)** **Well: Ex.LATHAM O-K-2HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
11408.18	6275.00	-5719.36	256.17	10917.00	6312.88	-6161.75	-594.60	92.55	959.66	293.16	3.27	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: Ex.LATHAM O-K-2HNB AWB** **Offset Wellpath: Ex.LATHAM O-K-2HNB AWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

HOLE & CASING SECTIONS - Offset Wellbore: **Ex.LATHAM O-K-2HNB AWB** Offset Wellpath: **Ex.LATHAM O-K-2HNB AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	12.00	755.00	743.00	41.00	783.92	-6511.68	-74.62	-6509.05	-75.82
7in Casing Intermediate	12.00	6742.00	6730.00	41.00	6311.73	-6511.68	-74.62	-6405.74	-242.50

WELLPATH COMPOSITION - Offset Wellbore: **Ex.LATHAM O-K-2HNB AWB** Offset Wellpath: **Ex.LATHAM O-K-2HNB AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
12.00	6680.00	ISCWSA MWD, Rev. 3 (Standard)	Ensign Directional MWD <138'-6680'>	Ex.LATHAM O-K-2HNB AWB
6680.00	10862.00	ISCWSA MWD, Rev. 3 (Standard)	Ensign Dirctional MWD <6770'-10862'>	Ex.LATHAM O-K-2HNB AWB
10862.00	10917.00	Blind Drilling (std)	Projection to bit	Ex.LATHAM O-K-2HNB AWB

OFFSET WELLPATH REFERENCE - **Offset Wellbore: Ex.LATHAM O-K-2HNB AWB** **Offset Wellpath: Ex.LATHAM O-K-2HNB AWP**

MD Reference: **Rig on SLOT#02 Ex.LATHAM O-K-2HNB (295'FSL & 2162'FEL,SEC.2) (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**12.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE F-35-2XRLNC PWB** Offset Wellpath: **NORTH PLATTE F-35-2XRLNC (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#22 NORTH PLATTE F-35-2XRLNC (WELL 4, STATE NORTH PLATTE I-26 PAD)** **Well: NORTH PLATTE F-35-2XRLNC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	22.00	17.00	953.06	-1065.87	-48.20	1429.82	1.42	2321.79	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: NORTH PLATTE F-35-2XRLNC PWB** **Offset Wellpath: NORTH PLATTE F-35-2XRLNC (REV-A.0) PWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

HOLE & CASING SECTIONS - Offset Wellbore: **NORTH PLATTE F-35-2XRLNC PWB** Offset Wellpath: **NORTH PLATTE F-35-2XRLNC (REV-A.0) PWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	17.00	1550.00	1533.00	12.00	1545.00	581.00	-649.74	581.00	-649.74

SURVEY PROGRAM - **Offset Wellbore:** **Offset Wellpath: NORTH PLATTE F-35-2XRLNC (REV-A.0) PWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1550.00	BHI NaviTrak (Rotating+Axial Corr)		NORTH PLATTE F-35-2XRLNC PWB
1550.00	16661.63	BHI AutoTrak Curve (Axial Corr, Short spacing)		NORTH PLATTE F-35-2XRLNC PWB

OFFSET WELLPATH REFERENCE - **Offset Wellbore: NORTH PLATTE F-35-2XRLNC PWB** **Offset Wellpath: NORTH PLATTE F-35-2XRLNC (REV-A.0) PWP**

MD Reference: **RIG (4555'GL + 17'RKB) (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **Ex.LATHAM 44-41-2HNB PWB** Offset Wellpath: **Ex.LATHAM 44-41-2HNB AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#01 Ex.LATHAM 44-41-2HNB (282'FSL & 2149'FEL,SEC.2)** **Well: Ex.LATHAM 44-41-2HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	10983.00	6295.93	-6111.73	1320.34	167.81	8861.23	82.42	108.56	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: Ex.LATHAM 44-41-2HNB PWB** **Offset Wellpath: Ex.LATHAM 44-41-2HNB AWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

HOLE & CASING SECTIONS - Offset Wellbore: **Ex.LATHAM 44-41-2HNB PWB** Offset Wellpath: **Ex.LATHAM 44-41-2HNB AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	12.00	752.80	740.80	41.00	778.55	-6500.58	-66.12	-6503.84	-50.47
7in Casing Intermediate	12.00	6842.50	6830.50	41.00	6281.86	-6500.58	-66.12	-6374.67	383.22

WELLPATH COMPOSITION - Offset Wellbore: **Ex.LATHAM 44-41-2HNB PWB** Offset Wellpath: **Ex.LATHAM 44-41-2HNB AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
12.00	6893.00	ISCWSA MWD, Rev. 3 (Standard)	Ensign Directional MWD <77'-6893'>	Ex.LATHAM 44-41-2HNB PWB
6893.00	10928.00	ISCWSA MWD, Rev. 3 (Standard)	Ensign Directional MWD <6935'-10928'>	Ex.LATHAM 44-41-2HNB PWB
10928.00	10983.00	Blind Drilling (std)	Projection to bit	Ex.LATHAM 44-41-2HNB PWB

OFFSET WELLPATH REFERENCE - **Offset Wellbore: Ex.LATHAM 44-41-2HNB PWB** **Offset Wellpath: Ex.LATHAM 44-41-2HNB AWP**

MD Reference: **Rig on SLOT#01 Ex.LATHAM 44-41-2HNB (282'FSL & 2149'FEL,SEC.2) (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**12.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **LATHAM T-P-2HNB AWB** Offset Wellpath: **LATHAM T-P-2HNB AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#06 LATHAM T-P-2HNB (371'FSL & 2238'FEL,SEC.2)** **Well: LATHAM T-P-2HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	10702.00	6280.83	-6398.56	677.06	173.96	8979.73	77.97	116.14	PASS
117.00†	117.00	0.00	0.00	10702.00	6280.83	-6398.56	677.06	173.96	8910.27	78.32	114.71	PASS
200.00	200.00	0.00	0.00	10702.00	6280.83	-6398.56	677.06	173.96	8853.05	78.50	113.72	PASS
217.00†	217.00	-0.04	0.03	10702.00	6280.83	-6398.56	677.06	24.09	8841.35	78.54	113.51	PASS
317.00†	316.97	-2.07	1.19	10702.00	6280.83	-6398.56	677.06	24.90	8771.52	78.77	112.28	PASS
417.00†	416.79	-7.11	4.11	10702.00	6280.83	-6398.56	677.06	25.78	8700.02	79.02	111.01	PASS
517.00†	516.35	-15.17	8.76	10702.00	6280.83	-6398.56	677.06	26.72	8626.90	79.26	109.75	PASS
600.00	598.70	-24.14	13.94	10702.00	6280.83	-6398.56	677.06	27.57	8565.02	79.45	108.70	PASS
617.00†	615.54	-26.19	15.12	10702.00	6280.83	-6398.56	677.06	27.57	8552.24	79.48	108.48	PASS
717.00†	714.56	-38.25	22.08	10702.00	6280.83	-6398.56	677.06	27.57	8477.38	79.68	107.27	PASS
817.00†	813.59	-50.30	29.04	10702.00	6280.83	-6398.56	677.06	27.57	8403.04	79.88	106.05	PASS
917.00†	912.62	-62.35	36.00	10702.00	6280.83	-6398.56	677.06	27.57	8329.24	80.10	104.84	PASS
1017.00†	1011.64	-74.40	42.96	10702.00	6280.83	-6398.56	677.06	27.57	8255.99	80.33	103.62	PASS
1117.00†	1110.67	-86.46	49.92	10702.00	6280.83	-6398.56	677.06	27.57	8183.31	80.56	102.40	PASS
1217.00†	1209.70	-98.51	56.87	10702.00	6280.83	-6398.56	677.06	27.57	8111.21	80.81	101.19	PASS
1317.00†	1308.72	-110.56	63.83	10702.00	6280.83	-6398.56	677.06	27.57	8039.70	81.07	99.98	PASS
1417.00†	1407.75	-122.62	70.79	10702.00	6280.83	-6398.56	677.06	27.57	7968.81	81.33	98.77	PASS
1517.00†	1506.78	-134.67	77.75	10702.00	6280.83	-6398.56	677.06	27.57	7898.55	81.61	97.56	PASS
1617.00†	1605.80	-146.72	84.71	10702.00	6280.83	-6398.56	677.06	27.57	7828.94	81.45	96.42	PASS
1717.00†	1704.83	-158.77	91.67	10702.00	6280.83	-6398.56	677.06	27.57	7759.99	81.64	95.35	PASS
1817.00†	1803.86	-170.83	98.63	10702.00	6280.83	-6398.56	677.06	27.57	7691.72	81.84	94.28	PASS
1917.00†	1902.88	-182.88	105.59	10702.00	6280.83	-6398.56	677.06	27.57	7624.15	82.05	93.21	PASS
2015.07	2000.00	-194.70	112.41	10702.00	6280.83	-6398.56	677.06	27.57	7558.59	82.26	92.17	PASS
2017.00†	2001.91	-194.93	112.54	10702.00	6280.83	-6398.56	677.06	27.57	7557.31	82.27	92.15	PASS
2117.00†	2101.17	-205.38	118.69	10702.00	6280.83	-6398.56	677.06	27.96	7492.46	82.50	91.09	PASS
2217.00†	2200.79	-212.73	123.28	10702.00	6280.83	-6398.56	677.06	29.51	7430.88	82.79	90.03	PASS
2267.67	2251.37	-215.26	125.01	10702.00	6280.83	-6398.56	677.06	31.43	7400.98	82.93	89.51	PASS
2317.00†	2300.63	-217.34	126.49	10702.00	6280.83	-6398.56	677.06	31.43	7372.42	83.07	89.02	PASS
2417.00†	2400.49	-221.56	129.50	10702.00	6280.83	-6398.56	677.06	31.43	7315.20	83.36	88.02	PASS
2517.00†	2500.36	-225.78	132.50	10702.00	6280.83	-6398.56	677.06	31.43	7258.91	83.66	87.03	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **LATHAM T-P-2HNB AWB** Offset Wellpath: **LATHAM T-P-2HNB AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#06 LATHAM T-P-2HNB (371'FSL & 2238'FEL,SEC.2)** **Well: LATHAM T-P-2HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2617.00†	2600.23	-230.00	135.51	10702.00	6280.83	-6398.56	677.06	31.43	7203.56	83.96	86.05	PASS
2717.00†	2700.09	-234.22	138.52	10702.00	6280.83	-6398.56	677.06	31.43	7149.19	84.28	85.08	PASS
2817.00†	2799.96	-238.43	141.53	10702.00	6280.83	-6398.56	677.06	31.43	7095.81	84.60	84.12	PASS
2917.00†	2899.82	-242.65	144.54	10702.00	6280.83	-6398.56	677.06	31.43	7043.44	84.94	83.17	PASS
3017.00†	2999.69	-246.87	147.54	10702.00	6280.83	-6398.56	677.06	31.43	6992.11	85.27	82.24	PASS
3117.00†	3099.55	-251.09	150.55	10702.00	6280.83	-6398.56	677.06	31.43	6941.84	85.62	81.31	PASS
3217.00†	3199.42	-255.31	153.56	10702.00	6280.83	-6398.56	677.06	31.43	6892.66	85.98	80.40	PASS
3317.00†	3299.29	-259.52	156.57	10702.00	6280.83	-6398.56	677.06	31.43	6844.59	86.34	79.51	PASS
3417.00†	3399.15	-263.74	159.57	10702.00	6280.83	-6398.56	677.06	31.43	6797.64	86.71	78.63	PASS
3517.00†	3499.02	-267.96	162.58	10702.00	6280.83	-6398.56	677.06	31.43	6751.85	87.08	77.76	PASS
3617.00†	3598.88	-272.18	165.59	10702.00	6280.83	-6398.56	677.06	31.43	6707.24	87.46	76.91	PASS
3717.00†	3698.75	-276.39	168.60	10702.00	6280.83	-6398.56	677.06	31.43	6663.83	87.85	76.07	PASS
3817.00†	3798.61	-280.61	171.61	10702.00	6280.83	-6398.56	677.06	31.43	6621.65	88.24	75.26	PASS
3917.00†	3898.48	-284.83	174.61	10702.00	6280.83	-6398.56	677.06	31.43	6580.71	88.64	74.45	PASS
4017.00†	3998.35	-289.05	177.62	10702.00	6280.83	-6398.56	677.06	31.43	6541.05	89.04	73.67	PASS
4117.00†	4098.21	-293.27	180.63	10702.00	6280.83	-6398.56	677.06	31.43	6502.69	89.44	72.91	PASS
4217.00†	4198.08	-297.48	183.64	10702.00	6280.83	-6398.56	677.06	31.43	6465.64	89.85	72.16	PASS
4317.00†	4297.94	-301.70	186.64	10702.00	6280.83	-6398.56	677.06	31.43	6429.94	90.26	71.44	PASS
4417.00†	4397.81	-305.92	189.65	10702.00	6280.83	-6398.56	677.06	31.43	6395.60	90.67	70.73	PASS
4517.00†	4497.67	-310.14	192.66	10702.00	6280.83	-6398.56	677.06	31.43	6362.64	91.09	70.04	PASS
4617.00†	4597.54	-314.36	195.67	10702.00	6280.83	-6398.56	677.06	31.43	6331.10	91.50	69.38	PASS
4717.00†	4697.41	-318.57	198.67	10702.00	6280.83	-6398.56	677.06	31.43	6300.98	91.92	68.74	PASS
4817.00†	4797.27	-322.79	201.68	10702.00	6280.83	-6398.56	677.06	31.43	6272.32	92.34	68.11	PASS
4917.00†	4897.14	-327.01	204.69	10702.00	6280.83	-6398.56	677.06	31.43	6245.12	92.75	67.52	PASS
5017.00†	4997.00	-331.23	207.70	10702.00	6280.83	-6398.56	677.06	31.43	6219.41	93.17	66.94	PASS
5117.00†	5096.87	-335.45	210.71	10702.00	6280.83	-6398.56	677.06	31.43	6195.21	93.58	66.38	PASS
5217.00†	5196.73	-339.66	213.71	10702.00	6280.83	-6398.56	677.06	31.43	6172.54	93.99	65.85	PASS
5317.00†	5296.60	-343.88	216.72	10702.00	6280.83	-6398.56	677.06	31.43	6151.41	94.39	65.34	PASS
5417.00†	5396.47	-348.10	219.73	10702.00	6280.83	-6398.56	677.06	31.43	6131.83	94.80	64.86	PASS
5517.00†	5496.33	-352.32	222.74	10702.00	6280.83	-6398.56	677.06	31.43	6113.83	95.20	64.39	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **LATHAM T-P-2HNB AWB** Offset Wellpath: **LATHAM T-P-2HNB AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#06 LATHAM T-P-2HNB (371'FSL & 2238'FEL,SEC.2)** **Well: LATHAM T-P-2HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5617.00†	5596.20	-356.54	225.74	10702.00	6280.83	-6398.56	677.06	31.43	6097.42	95.59	63.96	PASS
5717.00†	5696.06	-360.75	228.75	10702.00	6280.83	-6398.56	677.06	31.43	6082.61	95.98	63.54	PASS
5747.47	5726.49	-362.04	229.67	10702.00	6280.83	-6398.56	677.06	31.43	6078.41	96.10	63.42	PASS
5817.00†	5795.58	-369.17	231.76	10702.00	6280.83	-6398.56	677.06	6.36	6065.25	96.43	63.06	PASS
5917.00†	5892.28	-393.96	234.71	10702.00	6280.83	-6398.56	677.06	0.84	6033.40	97.35	62.14	PASS
6017.00†	5983.21	-435.17	237.52	10702.00	6280.83	-6398.56	677.06	-1.25	5986.97	98.58	60.89	PASS
6117.00†	6065.61	-491.56	240.10	10702.00	6280.83	-6398.56	677.06	-2.71	5927.06	99.63	59.64	PASS
6217.00†	6136.97	-561.40	242.37	10702.00	6280.83	-6398.56	677.06	-4.23	5855.10	100.48	58.42	PASS
6317.00†	6195.11	-642.58	244.27	10702.00	6280.83	-6398.56	677.06	-6.38	5772.87	101.12	57.23	PASS
6417.00†	6238.29	-732.62	245.74	10702.00	6280.83	-6398.56	677.06	-10.33	5682.50	101.57	56.09	PASS
6517.00†	6265.18	-828.80	246.72	10702.00	6280.83	-6398.56	677.06	-21.01	5586.38	101.85	54.99	PASS
6617.00†	6274.97	-928.19	247.20	10702.00	6280.83	-6398.56	677.06	-82.65	5487.24	101.99	53.93	PASS
6623.26	6275.00	-934.45	247.22	10702.00	6280.83	-6398.56	677.06	-90.80	5481.00	102.00	53.87	PASS
6717.00†	6275.00	-1028.19	247.39	10702.00	6280.83	-6398.56	677.06	-90.80	5387.54	102.08	52.90	PASS
6817.00†	6275.00	-1128.19	247.58	10702.00	6280.83	-6398.56	677.06	-90.80	5287.85	102.18	51.88	PASS
6917.00†	6275.00	-1228.19	247.77	10702.00	6280.83	-6398.56	677.06	-90.80	5188.17	102.29	50.85	PASS
7017.00†	6275.00	-1328.19	247.95	10702.00	6280.83	-6398.56	677.06	-90.80	5088.50	102.40	49.82	PASS
7117.00†	6275.00	-1428.19	248.14	10702.00	6280.83	-6398.56	677.06	-90.80	4988.85	102.52	48.78	PASS
7217.00†	6275.00	-1528.19	248.33	10702.00	6280.83	-6398.56	677.06	-90.80	4889.21	102.65	47.75	PASS
7317.00†	6275.00	-1628.19	248.51	10702.00	6280.83	-6398.56	677.06	-90.80	4789.59	102.79	46.71	PASS
7417.00†	6275.00	-1728.19	248.70	10702.00	6280.83	-6398.56	677.06	-90.80	4689.98	102.93	45.67	PASS
7517.00†	6275.00	-1828.19	248.89	10702.00	6280.83	-6398.56	677.06	-90.80	4590.39	103.09	44.63	PASS
7617.00†	6275.00	-1928.19	249.07	10702.00	6280.83	-6398.56	677.06	-90.80	4490.82	103.27	43.59	PASS
7717.00†	6275.00	-2028.19	249.26	10702.00	6280.83	-6398.56	677.06	-90.80	4391.27	103.45	42.55	PASS
7817.00†	6275.00	-2128.19	249.45	10702.00	6280.83	-6398.56	677.06	-90.80	4291.73	103.65	41.50	PASS
7917.00†	6275.00	-2228.19	249.64	10702.00	6280.83	-6398.56	677.06	-90.80	4192.22	103.87	40.46	PASS
8017.00†	6275.00	-2328.19	249.82	10702.00	6280.83	-6398.56	677.06	-90.80	4092.74	104.10	39.41	PASS
8117.00†	6275.00	-2428.19	250.01	10702.00	6280.83	-6398.56	677.06	-90.80	3993.28	104.36	38.36	PASS
8217.00†	6275.00	-2528.19	250.20	10702.00	6280.83	-6398.56	677.06	-90.80	3893.85	104.63	37.30	PASS
8317.00†	6275.00	-2628.19	250.38	10702.00	6280.83	-6398.56	677.06	-90.80	3794.44	104.93	36.25	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **LATHAM T-P-2HNB AWB** Offset Wellpath: **LATHAM T-P-2HNB AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#06 LATHAM T-P-2HNB (371'FSL & 2238'FEL,SEC.2)** **Well: LATHAM T-P-2HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
8417.00†	6275.00	-2728.19	250.57	10702.00	6280.83	-6398.56	677.06	-90.80	3695.07	105.25	35.19	PASS
8517.00†	6275.00	-2828.19	250.76	10702.00	6280.83	-6398.56	677.06	-90.80	3595.74	105.60	34.13	PASS
8617.00†	6275.00	-2928.19	250.95	10702.00	6280.83	-6398.56	677.06	-90.80	3496.44	105.99	33.07	PASS
8717.00†	6275.00	-3028.19	251.13	10702.00	6280.83	-6398.56	677.06	-90.80	3397.19	106.40	32.00	PASS
8817.00†	6275.00	-3128.19	251.32	10702.00	6280.83	-6398.56	677.06	-90.80	3297.98	106.86	30.93	PASS
8917.00†	6275.00	-3228.19	251.51	10702.00	6280.83	-6398.56	677.06	-90.80	3198.81	107.37	29.86	PASS
9017.00†	6275.00	-3328.19	251.69	10702.00	6280.83	-6398.56	677.06	-90.80	3099.71	107.92	28.79	PASS
9117.00†	6275.00	-3428.19	251.88	10702.00	6280.83	-6398.56	677.06	-90.80	3000.66	108.53	27.71	PASS
9217.00†	6275.00	-3528.19	252.07	10702.00	6280.83	-6398.56	677.06	-90.80	2901.67	109.21	26.63	PASS
9317.00†	6275.00	-3628.19	252.26	10702.00	6280.83	-6398.56	677.06	-90.80	2802.76	109.95	25.55	PASS
9417.00†	6275.00	-3728.19	252.44	10702.00	6280.83	-6398.56	677.06	-90.80	2703.93	110.79	24.46	PASS
9517.00†	6275.00	-3828.19	252.63	10702.00	6280.83	-6398.56	677.06	-90.80	2605.19	111.71	23.37	PASS
9617.00†	6275.00	-3928.19	252.82	10702.00	6280.83	-6398.56	677.06	-90.80	2506.55	112.75	22.28	PASS
9717.00†	6275.00	-4028.19	253.00	10702.00	6280.83	-6398.56	677.06	-90.80	2408.02	113.91	21.18	PASS
9817.00†	6275.00	-4128.19	253.19	10702.00	6280.83	-6398.56	677.06	-90.80	2309.61	115.22	20.09	PASS
9917.00†	6275.00	-4228.19	253.38	10702.00	6280.83	-6398.56	677.06	-90.80	2211.35	116.70	18.99	PASS
10017.00†	6275.00	-4328.19	253.57	10702.00	6280.83	-6398.56	677.06	-90.80	2113.26	118.38	17.89	PASS
10117.00†	6275.00	-4428.19	253.75	10702.00	6280.83	-6398.56	677.06	-90.80	2015.34	120.29	16.79	PASS
10217.00†	6275.00	-4528.19	253.94	10702.00	6280.83	-6398.56	677.06	-90.80	1917.65	122.48	15.69	PASS
10317.00†	6275.00	-4628.19	254.13	10702.00	6280.83	-6398.56	677.06	-90.80	1820.21	124.99	14.59	PASS
10417.00†	6275.00	-4728.19	254.31	10702.00	6280.83	-6398.56	677.06	-90.80	1723.05	127.88	13.50	PASS
10517.00†	6275.00	-4828.19	254.50	10702.00	6280.83	-6398.56	677.06	-90.80	1626.25	131.23	12.41	PASS
10617.00†	6275.00	-4928.19	254.69	10702.00	6280.83	-6398.56	677.06	-90.80	1529.85	135.13	11.34	PASS
10717.00†	6275.00	-5028.19	254.87	10702.00	6280.83	-6398.56	677.06	-90.80	1433.95	139.69	10.28	PASS
10817.00†	6275.00	-5128.19	255.06	10702.00	6280.83	-6398.56	677.06	-90.80	1338.65	145.05	9.24	PASS
10917.00†	6275.00	-5228.19	255.25	10702.00	6280.83	-6398.56	677.06	-90.80	1244.09	151.39	8.23	PASS
11017.00†	6275.00	-5328.19	255.44	10702.00	6280.83	-6398.56	677.06	-90.80	1150.44	158.93	7.25	PASS
11117.00†	6275.00	-5428.19	255.62	10702.00	6280.83	-6398.56	677.06	-90.80	1057.96	167.94	6.31	PASS
11217.00†	6275.00	-5528.18	255.81	10702.00	6280.83	-6398.56	677.06	-90.80	966.98	178.79	5.41	PASS
11317.00†	6275.00	-5628.18	256.00	10702.00	6280.83	-6398.56	677.06	-90.80	877.96	191.90	4.58	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report

NORTH PLATTE K31-35-2MRLNB (REV-A.0) PWP

Closest Approach

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **LATHAM T-P-2HNB AWB** Offset Wellpath: **LATHAM T-P-2HNB AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#06 LATHAM T-P-2HNB (371'FSL & 2238'FEL,SEC.2)** **Well: LATHAM T-P-2HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
11408.18	6275.00	-5719.36	256.17	10702.00	6280.83	-6398.56	677.06	-90.80	799.06	206.26	3.88	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: LATHAM T-P-2HNB AWB** **Offset Wellpath: LATHAM T-P-2HNB AWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

HOLE & CASING SECTIONS - Offset Wellbore: **LATHAM T-P-2HNB AWB** Offset Wellpath: **LATHAM T-P-2HNB AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	17.00	751.00	734.00	47.00	780.96	-6467.26	-120.52	-6465.40	-119.81
8.75in Open Hole	798.00	6715.00	5917.00	827.96	6289.23	-6465.45	-119.85	-6398.93	144.53
7in Casing Intermediate	17.00	6661.00	6644.00	47.00	6284.14	-6467.26	-120.52	-6415.31	144.22
6.125in Open Hole	6715.00	10702.00	3987.00	6289.23	6280.83	-6398.93	144.53	-5183.92	146.11

WELLPATH COMPOSITION - Offset Wellbore: **LATHAM T-P-2HNB AWB** Offset Wellpath: **LATHAM T-P-2HNB AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	6609.00	BHI NaviTrak (Standard)	BHI/Navitrak MWD 8.75" Hole <17'-6609'>j	LATHAM T-P-2HNB AWB
6609.00	10603.00	BHI NaviTrak (Standard)	BHI/Navitrak MWD 6.125" Hole <6657'-9179'>	LATHAM T-P-2HNB AWB
10603.00	10702.00	Blind Drilling (std)	Projection to bit	LATHAM T-P-2HNB AWB

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

OFFSET WELLPATH REFERENCE - **Offset Wellbore: LATHAM T-P-2HNB AWB Offset Wellpath: LATHAM T-P-2HNB AWP**	
MD Reference: **RIG (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE P41-35-2XRLNC pwb** Offset Wellpath: **NORTH PLATTE P41-35-2XRLNC (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#31 NORTH PLATTE P41-35-2XRLNC (WELL 2, STATE NORTH PLATTE O-26 PAD)** **Well: NORTH PLATTE P41-35-2XRLNC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	17.00	17.00	120.22	0.84	0.40	120.23	1.40	199.04	PASS
117.00†	117.00	0.00	0.00	117.00	117.00	120.22	0.84	0.40	120.23	2.02	97.95	PASS
200.00	200.00	0.00	0.00	200.00	200.00	120.22	0.84	0.40	120.23	2.83	58.84	PASS
217.00†	217.00	-0.04	0.03	217.00	217.00	120.22	0.84	-149.61	120.27	3.00	54.34	PASS
317.00†	316.97	-2.07	1.19	316.97	316.97	120.22	0.84	-150.15	122.29	4.20	35.76	PASS
417.00†	416.79	-7.11	4.11	416.79	416.79	120.22	0.84	-151.40	127.38	5.68	25.97	PASS
517.00†	516.35	-15.17	8.76	516.35	516.35	120.22	0.84	-153.21	135.63	7.01	21.73	PASS
600.00	598.70	-24.14	13.94	598.70	598.70	120.22	0.84	-154.97	144.96	8.03	19.95	PASS
617.00†	615.54	-26.19	15.12	615.54	615.54	120.22	0.84	-155.36	147.11	8.21	19.75	PASS
717.00†	714.56	-38.25	22.08	714.56	714.56	120.22	0.84	-157.44	159.89	9.17	19.00	PASS
817.00†	813.59	-50.30	29.04	813.59	813.59	120.22	0.84	-159.21	172.84	10.15	18.40	PASS
917.00†	912.62	-62.35	36.00	912.62	912.62	120.22	0.84	-160.73	185.93	11.14	17.91	PASS
1017.00†	1011.64	-74.40	42.96	1011.64	1011.64	120.22	0.84	-162.05	199.13	12.11	17.55	PASS
1117.00†	1110.67	-86.46	49.92	1110.67	1110.67	120.22	0.84	-163.20	212.43	13.14	17.15	PASS
1217.00†	1209.70	-98.51	56.87	1209.70	1209.70	120.22	0.84	-164.22	225.80	14.15	16.85	PASS
1317.00†	1308.72	-110.56	63.83	1308.72	1308.72	120.22	0.84	-165.13	239.23	15.17	16.59	PASS
1417.00†	1407.75	-122.62	70.79	1407.75	1407.75	120.22	0.84	-165.94	252.71	16.19	16.37	PASS
1517.00†	1506.78	-134.67	77.75	1506.78	1506.78	120.22	0.84	-166.67	266.24	17.21	16.17	PASS
1617.00†	1605.80	-146.72	84.71	1605.80	1605.80	120.22	0.84	-167.32	279.81	16.97	16.49	PASS
1717.00†	1704.83	-158.77	91.67	1704.83	1704.83	120.22	0.84	-167.92	293.41	17.06	17.19	PASS
1817.00†	1803.86	-170.83	98.63	1803.86	1803.86	120.22	0.84	-168.46	307.04	17.20	17.86	PASS
1917.00†	1902.88	-182.88	105.59	1902.88	1902.88	120.22	0.84	-168.96	320.69	17.39	18.44	PASS
2015.07	2000.00	-194.70	112.41	2000.00	2000.00	120.22	0.84	-169.41	334.10	17.64	18.94	PASS
2017.00†	2001.91	-194.93	112.54	2002.06	2002.06	120.22	0.84	-169.40	334.37	17.64	18.95	PASS
2117.00†	2101.17	-205.38	118.69	2109.25	2109.22	119.58	2.82	-168.49	345.09	18.04	19.13	PASS
2217.00†	2200.79	-212.73	123.28	2217.06	2216.85	117.67	8.65	-165.87	350.08	18.65	18.77	PASS
2267.67	2251.37	-215.26	125.01	2271.69	2271.28	116.22	13.07	-163.19	350.44	18.96	18.48	PASS
2317.00†	2300.63	-217.34	126.49	2324.77	2324.08	114.51	18.31	-162.60	349.82	19.23	18.19	PASS
2417.00†	2400.49	-221.56	129.50	2431.90	2430.27	110.12	31.72	-160.99	347.08	19.81	17.52	PASS
2517.00†	2500.36	-225.78	132.50	2538.17	2535.01	104.56	48.74	-158.82	342.55	20.47	16.74	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report

NORTH PLATTE K31-35-2MRLNB (REV-A.0) PWP

Closest Approach

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE P41-35-2XRLNC pwb** Offset Wellpath: **NORTH PLATTE P41-35-2XRLNC (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#31 NORTH PLATTE P41-35-2XRLNC (WELL 2, STATE NORTH PLATTE O-26 PAD)** **Well: NORTH PLATTE P41-35-2XRLNC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2617.00†	2600.23	-230.00	135.51	2643.28	2637.89	97.87	69.20	-156.05	336.62	21.22	15.87	PASS
2717.00†	2700.09	-234.22	138.52	2746.99	2738.56	90.13	92.88	-152.65	329.79	22.09	14.93	PASS
2817.00†	2799.96	-238.43	141.53	2849.06	2836.68	81.41	119.56	-148.58	322.69	23.11	13.96	PASS
2917.00†	2899.82	-242.65	144.54	2949.27	2931.99	71.80	148.96	-143.85	316.12	24.26	13.03	PASS
3017.00†	2999.69	-246.87	147.54	3047.43	3024.25	61.38	180.82	-138.47	311.01	25.77	12.07	PASS
3117.00†	3099.55	-251.09	150.55	3143.39	3113.27	50.26	214.85	-132.52	308.43	27.42	11.25	PASS
3217.00†	3199.42	-255.31	153.56	3237.00	3198.92	38.52	250.76	-126.16	309.48	29.20	10.60	PASS
3317.00†	3299.29	-259.52	156.57	3328.66	3281.64	26.24	288.29	-119.58	315.16	31.03	10.16	PASS
3417.00†	3399.15	-263.74	159.57	3420.35	3364.14	13.82	326.31	-113.19	325.67	32.78	9.94	PASS
3517.00†	3499.02	-267.96	162.58	3512.03	3446.64	1.39	364.32	-107.21	340.57	34.39	9.90	PASS
3617.00†	3598.88	-272.18	165.59	3603.71	3529.14	-11.04	402.33	-101.72	359.31	35.82	10.03	PASS
3717.00†	3698.75	-276.39	168.60	3695.39	3611.64	-23.46	440.34	-96.75	381.32	37.10	10.28	PASS
3817.00†	3798.61	-280.61	171.61	3787.08	3694.14	-35.89	478.36	-92.30	406.08	38.24	10.62	PASS
3917.00†	3898.48	-284.83	174.61	3878.76	3776.64	-48.32	516.37	-88.33	433.10	39.29	11.02	PASS
4017.00†	3998.35	-289.05	177.62	3970.44	3859.14	-60.75	554.38	-84.79	462.01	40.27	11.47	PASS
4117.00†	4098.21	-293.27	180.63	4062.13	3941.64	-73.17	592.39	-81.66	492.45	41.20	11.95	PASS
4217.00†	4198.08	-297.48	183.64	4153.81	4024.14	-85.60	630.41	-78.87	524.17	42.10	12.45	PASS
4317.00†	4297.94	-301.70	186.64	4245.49	4106.64	-98.03	668.42	-76.39	556.94	42.98	12.96	PASS
4417.00†	4397.81	-305.92	189.65	4337.17	4189.14	-110.46	706.43	-74.17	590.60	43.85	13.47	PASS
4517.00†	4497.67	-310.14	192.66	4428.86	4271.64	-122.88	744.44	-72.18	625.00	44.73	13.97	PASS
4617.00†	4597.54	-314.36	195.67	4520.54	4354.14	-135.31	782.46	-70.39	660.02	45.60	14.47	PASS
4717.00†	4697.41	-318.57	198.67	4612.22	4436.64	-147.74	820.47	-68.78	695.57	46.48	14.96	PASS
4817.00†	4797.27	-322.79	201.68	4703.90	4519.14	-160.17	858.48	-67.32	731.57	47.37	15.44	PASS
4917.00†	4897.14	-327.01	204.69	4795.59	4601.64	-172.59	896.49	-65.99	767.95	48.27	15.91	PASS
5017.00†	4997.00	-331.23	207.70	4887.27	4684.14	-185.02	934.51	-64.78	804.68	49.18	16.36	PASS
5117.00†	5096.87	-335.45	210.71	4978.95	4766.64	-197.45	972.52	-63.67	841.70	50.09	16.80	PASS
5217.00†	5196.73	-339.66	213.71	5070.63	4849.14	-209.88	1010.53	-62.66	878.97	51.02	17.23	PASS
5317.00†	5296.60	-343.88	216.72	5162.32	4931.65	-222.30	1048.55	-61.72	916.46	51.96	17.64	PASS
5417.00†	5396.47	-348.10	219.73	5254.00	5014.15	-234.73	1086.56	-60.86	954.16	52.90	18.04	PASS
5517.00†	5496.33	-352.32	222.74	5345.68	5096.65	-247.16	1124.57	-60.06	992.02	53.86	18.42	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

POSITIONAL UNCERTAINTY - Offset Wellbore: NORTH PLATTE P41-35-2XRLNC pwb Offset Wellpath: NORTH PLATTE P41-35-2XRLNC (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

HOLE & CASING SECTIONS - Offset Wellbore: NORTH PLATTE P41-35-2XRLNC pwb Offset Wellpath: NORTH PLATTE P41-35-2XRLNC (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	17.00	1550.00	1533.00	17.00	1550.00	73.29	0.51	73.29	0.51

SURVEY PROGRAM - Offset Wellbore: Offset Wellpath: NORTH PLATTE P41-35-2XRLNC (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1550.00	BHI NaviTrak (Rotating+Axial Corr)		NORTH PLATTE P41-35-2XRLNC pwb
1550.00	14101.10	BHI AutoTrak Curve (Axial Corr, Short spacing)		NORTH PLATTE P41-35-2XRLNC pwb

OFFSET WELLPATH REFERENCE - Offset Wellbore: NORTH PLATTE P41-35-2XRLNC pwb Offset Wellpath: NORTH PLATTE P41-35-2XRLNC (REV-A.0) PWP

MD Reference: **RIG (4550'GL + 17'RKB) (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **LATHAM T34-P31-2HC AWB** Offset Wellpath: **LATHAM T34-P31-2HC AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#04 LATHAM T34-P31-2HC (342'FSL & 2209'FEL,SEC.2)** **Well: LATHAM T34-P31-2HC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	11038.00	6496.68	-6158.56	365.45	176.60	8946.94	73.87	122.19	PASS
117.00†	117.00	0.00	0.00	11038.00	6496.68	-6158.56	365.45	176.60	8874.79	74.16	120.73	PASS
200.00	200.00	0.00	0.00	11038.00	6496.68	-6158.56	365.45	176.60	8815.31	74.27	119.74	PASS
217.00†	217.00	-0.04	0.03	11038.00	6496.68	-6158.56	365.45	26.76	8803.14	74.30	119.54	PASS
317.00†	316.97	-2.07	1.19	11038.00	6496.68	-6158.56	365.45	27.72	8730.64	74.44	118.32	PASS
417.00†	416.79	-7.11	4.11	11038.00	6496.68	-6158.56	365.45	28.77	8656.56	74.61	117.04	PASS
517.00†	516.35	-15.17	8.76	11038.00	6496.68	-6158.56	365.45	29.90	8580.96	74.77	115.77	PASS
600.00	598.70	-24.14	13.94	11038.00	6496.68	-6158.56	365.45	30.91	8517.09	74.90	114.71	PASS
617.00†	615.54	-26.19	15.12	11038.00	6496.68	-6158.56	365.45	30.91	8503.92	74.93	114.49	PASS
717.00†	714.56	-38.25	22.08	11038.00	6496.68	-6158.56	365.45	30.91	8426.69	75.05	113.26	PASS
817.00†	813.59	-50.30	29.04	11038.00	6496.68	-6158.56	365.45	30.91	8349.95	75.19	112.02	PASS
917.00†	912.62	-62.35	36.00	11038.00	6496.68	-6158.56	365.45	30.91	8273.70	75.33	110.78	PASS
1017.00†	1011.64	-74.40	42.96	11038.00	6496.68	-6158.56	365.45	30.91	8197.97	75.49	109.54	PASS
1117.00†	1110.67	-86.46	49.92	11038.00	6496.68	-6158.56	365.45	30.91	8122.76	75.65	108.30	PASS
1217.00†	1209.70	-98.51	56.87	11038.00	6496.68	-6158.56	365.45	30.91	8048.09	75.83	107.06	PASS
1317.00†	1308.72	-110.56	63.83	11038.00	6496.68	-6158.56	365.45	30.91	7973.97	76.01	105.81	PASS
1417.00†	1407.75	-122.62	70.79	11038.00	6496.68	-6158.56	365.45	30.91	7900.43	76.20	104.57	PASS
1517.00†	1506.78	-134.67	77.75	11038.00	6496.68	-6158.56	365.45	30.91	7827.47	76.41	103.32	PASS
1617.00†	1605.80	-146.72	84.71	11038.00	6496.68	-6158.56	365.45	30.91	7755.11	76.17	102.15	PASS
1717.00†	1704.83	-158.77	91.67	11038.00	6496.68	-6158.56	365.45	30.91	7683.38	76.29	101.04	PASS
1817.00†	1803.86	-170.83	98.63	11038.00	6496.68	-6158.56	365.45	30.91	7612.28	76.42	99.94	PASS
1917.00†	1902.88	-182.88	105.59	11038.00	6496.68	-6158.56	365.45	30.91	7541.84	76.56	98.84	PASS
2015.07	2000.00	-194.70	112.41	11038.00	6496.68	-6158.56	365.45	30.91	7473.41	76.70	97.76	PASS
2017.00†	2001.91	-194.93	112.54	11038.00	6496.68	-6158.56	365.45	30.91	7472.07	76.71	97.73	PASS
2117.00†	2101.17	-205.38	118.69	11038.00	6496.68	-6158.56	365.45	31.14	7404.18	76.87	96.64	PASS
2217.00†	2200.79	-212.73	123.28	11038.00	6496.68	-6158.56	365.45	32.55	7339.37	77.07	95.55	PASS
2267.67	2251.37	-215.26	125.01	11038.00	6496.68	-6158.56	365.45	34.41	7307.76	77.17	95.01	PASS
2317.00†	2300.63	-217.34	126.49	11038.00	6496.68	-6158.56	365.45	34.41	7277.51	77.26	94.50	PASS
2417.00†	2400.49	-221.56	129.50	11038.00	6496.68	-6158.56	365.45	34.41	7216.82	77.46	93.47	PASS
2517.00†	2500.36	-225.78	132.50	11038.00	6496.68	-6158.56	365.45	34.41	7157.01	77.67	92.45	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **LATHAM T34-P31-2HC AWB** Offset Wellpath: **LATHAM T34-P31-2HC AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#04 LATHAM T34-P31-2HC (342'FSL & 2209'FEL,SEC.2)** **Well: LATHAM T34-P31-2HC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2617.00†	2600.23	-230.00	135.51	11038.00	6496.68	-6158.56	365.45	34.41	7098.11	77.89	91.43	PASS
2717.00†	2700.09	-234.22	138.52	11038.00	6496.68	-6158.56	365.45	34.41	7040.14	78.12	90.42	PASS
2817.00†	2799.96	-238.43	141.53	11038.00	6496.68	-6158.56	365.45	34.41	6983.11	78.35	89.41	PASS
2917.00†	2899.82	-242.65	144.54	11038.00	6496.68	-6158.56	365.45	34.41	6927.07	78.59	88.42	PASS
3017.00†	2999.69	-246.87	147.54	11038.00	6496.68	-6158.56	365.45	34.41	6872.02	78.85	87.44	PASS
3117.00†	3099.55	-251.09	150.55	11038.00	6496.68	-6158.56	365.45	34.41	6817.99	79.10	86.47	PASS
3217.00†	3199.42	-255.31	153.56	11038.00	6496.68	-6158.56	365.45	34.41	6765.01	79.37	85.50	PASS
3317.00†	3299.29	-259.52	156.57	11038.00	6496.68	-6158.56	365.45	34.41	6713.10	79.65	84.55	PASS
3417.00†	3399.15	-263.74	159.57	11038.00	6496.68	-6158.56	365.45	34.41	6662.29	79.93	83.62	PASS
3517.00†	3499.02	-267.96	162.58	11038.00	6496.68	-6158.56	365.45	34.41	6612.59	80.22	82.69	PASS
3617.00†	3598.88	-272.18	165.59	11038.00	6496.68	-6158.56	365.45	34.41	6564.05	80.52	81.78	PASS
3717.00†	3698.75	-276.39	168.60	11038.00	6496.68	-6158.56	365.45	34.41	6516.68	80.82	80.88	PASS
3817.00†	3798.61	-280.61	171.61	11038.00	6496.68	-6158.56	365.45	34.41	6470.51	81.13	80.00	PASS
3917.00†	3898.48	-284.83	174.61	11038.00	6496.68	-6158.56	365.45	34.41	6425.56	81.45	79.13	PASS
4017.00†	3998.35	-289.05	177.62	11038.00	6496.68	-6158.56	365.45	34.41	6381.86	81.77	78.28	PASS
4117.00†	4098.21	-293.27	180.63	11038.00	6496.68	-6158.56	365.45	34.41	6339.44	82.10	77.45	PASS
4217.00†	4198.08	-297.48	183.64	11038.00	6496.68	-6158.56	365.45	34.41	6298.33	82.44	76.63	PASS
4317.00†	4297.94	-301.70	186.64	11038.00	6496.68	-6158.56	365.45	34.41	6258.54	82.78	75.84	PASS
4417.00†	4397.81	-305.92	189.65	11038.00	6496.68	-6158.56	365.45	34.41	6220.10	83.12	75.06	PASS
4517.00†	4497.67	-310.14	192.66	11038.00	6496.68	-6158.56	365.45	34.41	6183.04	83.47	74.30	PASS
4617.00†	4597.54	-314.36	195.67	11038.00	6496.68	-6158.56	365.45	34.41	6147.39	83.82	73.56	PASS
4717.00†	4697.41	-318.57	198.67	11038.00	6496.68	-6158.56	365.45	34.41	6113.16	84.18	72.84	PASS
4817.00†	4797.27	-322.79	201.68	11038.00	6496.68	-6158.56	365.45	34.41	6080.38	84.54	72.14	PASS
4917.00†	4897.14	-327.01	204.69	11038.00	6496.68	-6158.56	365.45	34.41	6049.08	84.90	71.46	PASS
5017.00†	4997.00	-331.23	207.70	11038.00	6496.68	-6158.56	365.45	34.41	6019.28	85.26	70.80	PASS
5117.00†	5096.87	-335.45	210.71	11038.00	6496.68	-6158.56	365.45	34.41	5991.01	85.63	70.17	PASS
5217.00†	5196.73	-339.66	213.71	11038.00	6496.68	-6158.56	365.45	34.41	5964.27	86.00	69.56	PASS
5317.00†	5296.60	-343.88	216.72	11038.00	6496.68	-6158.56	365.45	34.41	5939.10	86.37	68.97	PASS
5417.00†	5396.47	-348.10	219.73	11038.00	6496.68	-6158.56	365.45	34.41	5915.51	86.73	68.40	PASS
5517.00†	5496.33	-352.32	222.74	11038.00	6496.68	-6158.56	365.45	34.41	5893.52	87.10	67.86	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **LATHAM T34-P31-2HC AWB** Offset Wellpath: **LATHAM T34-P31-2HC AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#04 LATHAM T34-P31-2HC (342'FSL & 2209'FEL,SEC.2)** **Well: LATHAM T34-P31-2HC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5617.00†	5596.20	-356.54	225.74	11038.00	6496.68	-6158.56	365.45	34.41	5873.15	87.47	67.34	PASS
5717.00†	5696.06	-360.75	228.75	11038.00	6496.68	-6158.56	365.45	34.41	5854.43	87.84	66.84	PASS
5747.47	5726.49	-362.04	229.67	11038.00	6496.68	-6158.56	365.45	34.41	5849.05	87.95	66.70	PASS
5817.00†	5795.58	-369.17	231.76	11038.00	6496.68	-6158.56	365.45	9.41	5833.22	88.27	66.27	PASS
5917.00†	5892.28	-393.96	234.71	11038.00	6496.68	-6158.56	365.45	4.06	5797.67	89.17	65.21	PASS
6017.00†	5983.21	-435.17	237.52	11038.00	6496.68	-6158.56	365.45	2.27	5747.80	90.35	63.79	PASS
6117.00†	6065.61	-491.56	240.10	11038.00	6496.68	-6158.56	365.45	1.29	5684.76	91.33	62.41	PASS
6217.00†	6136.97	-561.40	242.37	11038.00	6496.68	-6158.56	365.45	0.54	5610.06	92.11	61.07	PASS
6317.00†	6195.11	-642.58	244.27	11038.00	6496.68	-6158.56	365.45	-0.29	5525.56	92.67	59.79	PASS
6417.00†	6238.29	-732.62	245.74	11038.00	6496.68	-6158.56	365.45	-1.66	5433.41	93.03	58.56	PASS
6517.00†	6265.18	-828.80	246.72	11038.00	6496.68	-6158.56	365.45	-5.95	5336.11	93.22	57.40	PASS
6617.00†	6274.97	-928.19	247.20	11038.00	6496.68	-6158.56	365.45	-147.03	5236.40	93.28	56.29	PASS
6623.26	6275.00	-934.45	247.22	11038.00	6496.68	-6158.56	365.45	-153.93	5230.15	93.28	56.22	PASS
6717.00†	6275.00	-1028.19	247.39	11038.00	6496.68	-6158.56	365.45	-153.93	5136.52	93.29	55.21	PASS
6817.00†	6275.00	-1128.19	247.58	11038.00	6496.68	-6158.56	365.45	-153.93	5036.63	93.30	54.13	PASS
6917.00†	6275.00	-1228.19	247.77	11038.00	6496.68	-6158.56	365.45	-153.93	4936.76	93.32	53.04	PASS
7017.00†	6275.00	-1328.19	247.95	11038.00	6496.68	-6158.56	365.45	-153.93	4836.88	93.33	51.96	PASS
7117.00†	6275.00	-1428.19	248.14	11038.00	6496.68	-6158.56	365.45	-153.93	4737.02	93.35	50.88	PASS
7217.00†	6275.00	-1528.19	248.33	11038.00	6496.68	-6158.56	365.45	-153.93	4637.16	93.37	49.80	PASS
7317.00†	6275.00	-1628.19	248.51	11038.00	6496.68	-6158.56	365.45	-153.93	4537.30	93.39	48.71	PASS
7417.00†	6275.00	-1728.19	248.70	11038.00	6496.68	-6158.56	365.45	-153.93	4437.45	93.41	47.63	PASS
7517.00†	6275.00	-1828.19	248.89	11038.00	6496.68	-6158.56	365.45	-153.93	4337.61	93.44	46.55	PASS
7617.00†	6275.00	-1928.19	249.07	11038.00	6496.68	-6158.56	365.45	-153.93	4237.78	93.46	45.46	PASS
7717.00†	6275.00	-2028.19	249.26	11038.00	6496.68	-6158.56	365.45	-153.93	4137.95	93.49	44.38	PASS
7817.00†	6275.00	-2128.19	249.45	11038.00	6496.68	-6158.56	365.45	-153.93	4038.13	93.52	43.30	PASS
7917.00†	6275.00	-2228.19	249.64	11038.00	6496.68	-6158.56	365.45	-153.93	3938.32	93.55	42.21	PASS
8017.00†	6275.00	-2328.19	249.82	11038.00	6496.68	-6158.56	365.45	-153.93	3838.53	93.58	41.13	PASS
8117.00†	6275.00	-2428.19	250.01	11038.00	6496.68	-6158.56	365.45	-153.93	3738.74	93.62	40.04	PASS
8217.00†	6275.00	-2528.19	250.20	11038.00	6496.68	-6158.56	365.45	-153.93	3638.96	93.66	38.96	PASS
8317.00†	6275.00	-2628.19	250.38	11038.00	6496.68	-6158.56	365.45	-153.93	3539.20	93.70	37.87	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **LATHAM T34-P31-2HC AWB** Offset Wellpath: **LATHAM T34-P31-2HC AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#04 LATHAM T34-P31-2HC (342'FSL & 2209'FEL,SEC.2)** **Well: LATHAM T34-P31-2HC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
8417.00†	6275.00	-2728.19	250.57	11038.00	6496.68	-6158.56	365.45	-153.93	3439.45	93.74	36.79	PASS
8517.00†	6275.00	-2828.19	250.76	11038.00	6496.68	-6158.56	365.45	-153.93	3339.72	93.79	35.70	PASS
8617.00†	6275.00	-2928.19	250.95	11038.00	6496.68	-6158.56	365.45	-153.93	3240.00	93.84	34.62	PASS
8717.00†	6275.00	-3028.19	251.13	11038.00	6496.68	-6158.56	365.45	-153.93	3140.30	93.90	33.53	PASS
8817.00†	6275.00	-3128.19	251.32	11038.00	6496.68	-6158.56	365.45	-153.93	3040.62	93.96	32.45	PASS
8917.00†	6275.00	-3228.19	251.51	11038.00	6496.68	-6158.56	365.45	-153.93	2940.96	94.02	31.36	PASS
9017.00†	6275.00	-3328.19	251.69	11038.00	6496.68	-6158.56	365.45	-153.93	2841.32	94.09	30.28	PASS
9117.00†	6275.00	-3428.19	251.88	11038.00	6496.68	-6158.56	365.45	-153.93	2741.71	94.17	29.19	PASS
9217.00†	6275.00	-3528.19	252.07	11038.00	6496.68	-6158.56	365.45	-153.93	2642.14	94.25	28.11	PASS
9317.00†	6275.00	-3628.19	252.26	11038.00	6496.68	-6158.56	365.45	-153.93	2542.59	94.34	27.02	PASS
9417.00†	6275.00	-3728.19	252.44	11038.00	6496.68	-6158.56	365.45	-153.93	2443.08	94.45	25.93	PASS
9517.00†	6275.00	-3828.19	252.63	11038.00	6496.68	-6158.56	365.45	-153.93	2343.61	94.56	24.85	PASS
9617.00†	6275.00	-3928.19	252.82	11038.00	6496.68	-6158.56	365.45	-153.93	2244.20	94.69	23.76	PASS
9717.00†	6275.00	-4028.19	253.00	11038.00	6496.68	-6158.56	365.45	-153.93	2144.83	94.83	22.68	PASS
9817.00†	6275.00	-4128.19	253.19	11038.00	6496.68	-6158.56	365.45	-153.93	2045.53	94.99	21.59	PASS
9917.00†	6275.00	-4228.19	253.38	11038.00	6496.68	-6158.56	365.45	-153.93	1946.29	95.18	20.50	PASS
10017.00†	6275.00	-4328.19	253.57	11038.00	6496.68	-6158.56	365.45	-153.93	1847.15	95.40	19.41	PASS
10117.00†	6275.00	-4428.19	253.75	11038.00	6496.68	-6158.56	365.45	-153.93	1748.09	95.65	18.32	PASS
10217.00†	6275.00	-4528.19	253.94	11038.00	6496.68	-6158.56	365.45	-153.93	1649.16	95.95	17.23	PASS
10317.00†	6275.00	-4628.19	254.13	11038.00	6496.68	-6158.56	365.45	-153.93	1550.35	96.31	16.14	PASS
10417.00†	6275.00	-4728.19	254.31	11038.00	6496.68	-6158.56	365.45	-153.93	1451.72	96.75	15.04	PASS
10517.00†	6275.00	-4828.19	254.50	11038.00	6496.68	-6158.56	365.45	-153.93	1353.28	97.28	13.95	PASS
10617.00†	6275.00	-4928.19	254.69	11038.00	6496.68	-6158.56	365.45	-153.93	1255.09	97.95	12.84	PASS
10717.00†	6275.00	-5028.19	254.87	11038.00	6496.68	-6158.56	365.45	-153.93	1157.21	98.80	11.74	PASS
10817.00†	6275.00	-5128.19	255.06	11038.00	6496.68	-6158.56	365.45	-153.93	1059.72	99.89	10.63	PASS
10917.00†	6275.00	-5228.19	255.25	11038.00	6496.68	-6158.56	365.45	-153.93	962.75	101.34	9.52	PASS
11017.00†	6275.00	-5328.19	255.44	11038.00	6496.68	-6158.56	365.45	-153.93	866.47	103.29	8.41	PASS
11117.00†	6275.00	-5428.19	255.62	11038.00	6496.68	-6158.56	365.45	-153.93	771.14	105.99	7.29	PASS
11217.00†	6275.00	-5528.18	255.81	11038.00	6496.68	-6158.56	365.45	-153.93	677.16	109.81	6.18	PASS
11317.00†	6275.00	-5628.18	256.00	11038.00	6496.68	-6158.56	365.45	-153.93	585.17	115.34	5.08	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **LATHAM T34-P31-2HC AWB** Offset Wellpath: **LATHAM T34-P31-2HC AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#04 LATHAM T34-P31-2HC (342'FSL & 2209'FEL,SEC.2)** **Well: LATHAM T34-P31-2HC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
11408.18	6275.00	-5719.36	256.17	11038.00	6496.68	-6158.56	365.45	-153.93	503.97	122.65	4.12	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: LATHAM T34-P31-2HC AWB** **Offset Wellpath: LATHAM T34-P31-2HC AWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

HOLE & CASING SECTIONS - Offset Wellbore: **LATHAM T34-P31-2HC AWB** Offset Wellpath: **LATHAM T34-P31-2HC AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	17.00	797.00	780.00	47.00	826.95	-6485.03	-103.52	-6484.17	-101.03
8.75in Open Hole	797.00	6795.00	5998.00	826.95	6474.85	-6484.17	-101.03	-6412.49	47.96
7in Casing Intermediate	17.00	6795.00	6778.00	47.00	6474.85	-6485.03	-103.52	-6412.49	47.96
6.125in Open Hole	6798.00	11038.00	4240.00	6474.89	6496.68	-6411.57	47.94	-5119.65	59.63

WELLPATH COMPOSITION - Offset Wellbore: **LATHAM T34-P31-2HC AWB** Offset Wellpath: **LATHAM T34-P31-2HC AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	6795.00	BHI NaviTrak (Standard)	BHI/Navitrak MWD 8.75" Hole <17'-6795'>	LATHAM T34-P31-2HC AWB
6795.00	10982.00	BHI NaviTrak (Standard)	BHI/Navitrak MWD 6.125" Hole <6926'-9645'>	LATHAM T34-P31-2HC AWB
10982.00	11038.00	Blind Drilling (std)	Projection to bit	LATHAM T34-P31-2HC AWB

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

OFFSET WELLPATH REFERENCE - **Offset Wellbore: LATHAM T34-P31-2HC AWB** **Offset Wellpath: LATHAM T34-P31-2HC AWP**	
MD Reference: **RIG (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE F11-35-2XRLNB PWB** Offset Wellpath: **NORTH PLATTE F11-35-2XRLNB (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#21 NORTH PLATTE F11-35-2XRLNB (WELL 3, STATE NORTH PLATTE I-26 PAD)** **Well: NORTH PLATTE F11-35-2XRLNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	22.00	17.00	960.34	-1085.37	-48.50	1449.24	1.42	2353.34	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: NORTH PLATTE F11-35-2XRLNB PWB** **Offset Wellpath: NORTH PLATTE F11-35-2XRLNB (REV-A.0) PWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

HOLE & CASING SECTIONS - Offset Wellbore: **NORTH PLATTE F11-35-2XRLNB PWB** Offset Wellpath: **NORTH PLATTE F11-35-2XRLNB (REV-A.0) PWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Open Hole	17.00	1550.00	1533.00	12.00	1545.00	585.44	-661.63	585.44	-661.63

SURVEY PROGRAM - **Offset Wellbore:** **Offset Wellpath: NORTH PLATTE F11-35-2XRLNB (REV-A.0) PWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1550.00	BHI NaviTrak (Rotating+Axial Corr)		NORTH PLATTE F11-35-2XRLNB PWB
1550.00	16638.65	BHI AutoTrak Curve (Axial Corr, Short spacing)		NORTH PLATTE F11-35-2XRLNB PWB

OFFSET WELLPATH REFERENCE - **Offset Wellbore: NORTH PLATTE F11-35-2XRLNB PWB** **Offset Wellpath: NORTH PLATTE F11-35-2XRLNB (REV-A.0) PWP**

MD Reference: **RIG (4555'GL + 17'RKB) (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **70 RANCH USX BB #35-03 AWB** Offset Wellpath: **70 RANCH USX BB #35-03 AWP**

Facility: SEC.35-T05N-R63W **Slot: SLOT#01 EX 70 RANCH USX BB #35-03 (803'FNL & 1808'FWL, SEC.35, 6672, SI)** **Well: 70 RANCH USX BB #35-03** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	-1.00	17.00	-1282.72	-869.21	-145.88	1549.48	25.40	62.95	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: 70 RANCH USX BB #35-03 AWB Offset Wellpath: 70 RANCH USX BB #35-03 AWP

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

WELLPATH COMPOSITION - Offset Wellbore: **70 RANCH USX BB #35-03 AWB** Offset Wellpath: **70 RANCH USX BB #35-03 AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	6672.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTIVAL <6672>	70 RANCH USX BB #35-03 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: 70 RANCH USX BB #35-03 AWB Offset Wellpath: 70 RANCH USX BB #35-03 AWP

MD Reference: **Rig on SLOT#01 EX 70 RANCH USX BB #35-03 (803'FNL & 1808'FWL, SEC.35, 6672, SI) (RT)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**0.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE U41-35-1XRLNB PWB** Offset Wellpath: **STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB (WELL 1, STATE NORTH PLATTE O-26 PAD)** **Well: STATE NORTH PLATTE U41-35-1XRLNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	17.00	17.00	140.62	0.84	0.34	140.63	1.40	233.04	PASS
117.00†	117.00	0.00	0.00	117.00	117.00	140.62	0.84	0.34	140.63	2.02	114.68	PASS
200.00	200.00	0.00	0.00	200.00	200.00	140.62	0.84	0.34	140.63	2.83	68.89	PASS
217.00†	217.00	-0.04	0.03	217.00	217.00	140.62	0.84	-149.67	140.67	3.00	63.62	PASS
317.00†	316.97	-2.07	1.19	316.97	316.97	140.62	0.84	-150.12	142.69	4.20	41.76	PASS
417.00†	416.79	-7.11	4.11	416.79	416.79	140.62	0.84	-151.20	147.77	5.67	30.16	PASS
517.00†	516.35	-15.17	8.76	516.35	516.35	140.62	0.84	-152.77	156.00	7.00	25.04	PASS
600.00	598.70	-24.14	13.94	598.70	598.70	140.62	0.84	-154.33	165.29	8.02	22.79	PASS
617.00†	615.54	-26.19	15.12	615.54	615.54	140.62	0.84	-154.68	167.43	8.20	22.52	PASS
717.00†	714.56	-38.25	22.08	714.56	714.56	140.62	0.84	-156.57	180.13	9.17	21.44	PASS
817.00†	813.59	-50.30	29.04	813.59	813.59	140.62	0.84	-158.21	192.99	10.14	20.57	PASS
917.00†	912.62	-62.35	36.00	912.62	912.62	140.62	0.84	-159.65	206.00	11.14	19.86	PASS
1017.00†	1011.64	-74.40	42.96	1011.64	1011.64	140.62	0.84	-160.91	219.12	12.10	19.32	PASS
1117.00†	1110.67	-86.46	49.92	1110.67	1110.67	140.62	0.84	-162.03	232.32	13.14	18.76	PASS
1217.00†	1209.70	-98.51	56.87	1209.70	1209.70	140.62	0.84	-163.03	245.61	14.16	18.33	PASS
1317.00†	1308.72	-110.56	63.83	1308.72	1308.72	140.62	0.84	-163.93	258.97	15.17	17.96	PASS
1417.00†	1407.75	-122.62	70.79	1407.75	1407.75	140.62	0.84	-164.74	272.38	16.20	17.64	PASS
1517.00†	1506.78	-134.67	77.75	1506.78	1506.78	140.62	0.84	-165.48	285.83	17.22	17.36	PASS
1617.00†	1605.80	-146.72	84.71	1605.80	1605.80	140.62	0.84	-166.14	299.34	16.97	17.63	PASS
1717.00†	1704.83	-158.77	91.67	1704.83	1704.83	140.62	0.84	-166.75	312.87	17.07	18.32	PASS
1817.00†	1803.86	-170.83	98.63	1803.86	1803.86	140.62	0.84	-167.31	326.44	17.21	18.97	PASS
1917.00†	1902.88	-182.88	105.59	1902.88	1902.88	140.62	0.84	-167.83	340.04	17.40	19.54	PASS
2015.07	2000.00	-194.70	112.41	2000.00	2000.00	140.62	0.84	-168.29	353.40	17.65	20.02	PASS
2017.00†	2001.91	-194.93	112.54	2002.05	2002.05	140.62	0.84	-168.29	353.66	17.66	20.03	PASS
2117.00†	2101.17	-205.38	118.69	2108.80	2108.77	140.10	2.83	-167.40	364.47	18.05	20.19	PASS
2217.00†	2200.79	-212.73	123.28	2216.14	2215.93	138.55	8.72	-164.79	369.79	18.65	19.83	PASS
2267.67	2251.37	-215.26	125.01	2270.52	2270.12	137.37	13.18	-162.13	370.41	18.96	19.54	PASS
2317.00†	2300.63	-217.34	126.49	2323.37	2322.68	135.98	18.46	-161.54	370.12	19.22	19.26	PASS
2417.00†	2400.49	-221.56	129.50	2430.02	2428.40	132.41	31.98	-159.96	368.22	19.79	18.60	PASS
2517.00†	2500.36	-225.78	132.50	2535.80	2532.68	127.89	49.14	-157.84	364.79	20.45	17.84	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE U41-35-1XRLNB PWB** Offset Wellpath: **STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB (WELL 1, STATE NORTH PLATTE O-26 PAD)** **Well: STATE NORTH PLATTE U41-35-1XRLNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2617.00†	2600.23	-230.00	135.51	2640.43	2635.11	122.45	69.77	-155.17	360.22	21.20	16.99	PASS
2717.00†	2700.09	-234.22	138.52	2743.66	2735.34	116.15	93.65	-151.91	354.98	22.08	16.08	PASS
2817.00†	2799.96	-238.43	141.53	2845.26	2833.05	109.06	120.54	-148.08	349.70	23.11	15.13	PASS
2917.00†	2899.82	-242.65	144.54	2945.02	2927.97	101.24	150.19	-143.67	345.09	24.25	14.23	PASS
3017.00†	2999.69	-246.87	147.54	3042.74	3019.87	92.77	182.32	-138.74	342.01	25.74	13.29	PASS
3117.00†	3099.55	-251.09	150.55	3138.27	3108.56	83.72	216.64	-133.36	341.39	27.34	12.49	PASS
3217.00†	3199.42	-255.31	153.56	3231.49	3193.91	74.17	252.86	-127.66	344.16	29.07	11.84	PASS
3317.00†	3299.29	-259.52	156.57	3322.27	3275.82	64.19	290.70	-121.80	351.19	30.86	11.38	PASS
3417.00†	3399.15	-263.74	159.57	3410.55	3354.24	53.86	329.89	-115.94	363.17	32.62	11.13	PASS
3517.00†	3499.02	-267.96	162.58	3496.26	3429.15	43.25	370.16	-110.26	380.55	34.27	11.10	PASS
3617.00†	3598.88	-272.18	165.59	3579.37	3500.57	32.41	411.25	-104.88	403.47	35.72	11.29	PASS
3717.00†	3698.75	-276.39	168.60	3659.85	3568.53	21.42	452.94	-99.90	431.86	36.94	11.69	PASS
3817.00†	3798.61	-280.61	171.61	3743.54	3638.27	9.62	497.67	-95.09	465.04	38.12	12.20	PASS
3917.00†	3898.48	-284.83	174.61	3828.92	3709.39	-2.42	543.36	-90.74	501.48	39.21	12.79	PASS
4017.00†	3998.35	-289.05	177.62	3914.31	3780.50	-14.47	589.06	-86.92	540.49	40.23	13.44	PASS
4117.00†	4098.21	-293.27	180.63	3999.69	3851.61	-26.52	634.75	-83.56	581.54	41.18	14.12	PASS
4217.00†	4198.08	-297.48	183.64	4085.07	3922.72	-38.57	680.44	-80.61	624.24	42.08	14.83	PASS
4317.00†	4297.94	-301.70	186.64	4170.45	3993.83	-50.62	726.13	-78.00	668.26	42.97	15.55	PASS
4417.00†	4397.81	-305.92	189.65	4255.83	4064.95	-62.66	771.83	-75.69	713.37	43.84	16.27	PASS
4517.00†	4497.67	-310.14	192.66	4341.21	4136.06	-74.71	817.52	-73.63	759.37	44.71	16.98	PASS
4617.00†	4597.54	-314.36	195.67	4426.59	4207.17	-86.76	863.21	-71.80	806.11	45.58	17.69	PASS
4717.00†	4697.41	-318.57	198.67	4511.97	4278.28	-98.81	908.91	-70.15	853.46	46.46	18.37	PASS
4817.00†	4797.27	-322.79	201.68	4597.35	4349.39	-110.85	954.60	-68.67	901.33	47.34	19.04	PASS
4917.00†	4897.14	-327.01	204.69	4682.73	4420.51	-122.90	1000.29	-67.33	949.64	48.23	19.69	PASS
5017.00†	4997.00	-331.23	207.70	4768.11	4491.62	-134.95	1045.98	-66.12	998.33	49.14	20.32	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

POSITIONAL UNCERTAINTY - Offset Wellbore: STATE NORTH PLATTE U41-35-1XRLNB PWB Offset Wellpath: STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

HOLE & CASING SECTIONS - Offset Wellbore: STATE NORTH PLATTE U41-35-1XRLNB PWB Offset Wellpath: STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	17.00	1550.00	1533.00	17.00	1550.00	85.72	0.51	85.72	0.51

SURVEY PROGRAM - Offset Wellbore: Offset Wellpath: STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1550.00	BHI NaviTrak (Rotating+Axial Corr)		STATE NORTH PLATTE U41-35-1XRLNB PWB
1550.00	12436.10	BHI AutoTrak Curve (Axial Corr, Short spacing)		STATE NORTH PLATTE U41-35-1XRLNB PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: STATE NORTH PLATTE U41-35-1XRLNB PWB Offset Wellpath: STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP

MD Reference: **RIG (4550'GL + 17'RKB) (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE O24-K21-26HNC AWB** Offset Wellpath: **STATE NORTH PLATTE O24-K21-26HNC AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#10 STATE NORTH PLATTE O24-K21-26HNC (559'FSL & 2383'FEL,SEC.26)** **Well: STATE NORTH PLATTE O24-K21-26HNC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	17.00	17.00	79.78	173.05	65.25	190.56	1.56	315.99	PASS
117.00†	117.00	0.00	0.00	118.81	118.81	79.74	172.54	65.19	190.08	2.13	142.62	PASS
200.00	200.00	0.00	0.00	202.31	202.30	79.63	171.52	65.10	189.12	3.00	85.70	PASS
217.00†	217.00	-0.04	0.03	219.32	219.31	79.59	171.31	-84.94	188.90	3.18	78.94	PASS
317.00†	316.97	-2.07	1.19	318.86	318.85	79.29	170.20	-85.73	187.58	4.19	55.07	PASS
417.00†	416.79	-7.11	4.11	418.96	418.94	78.98	169.17	-87.60	186.18	5.23	41.89	PASS
517.00†	516.35	-15.17	8.76	517.62	517.59	79.23	168.16	-90.67	185.27	6.30	33.57	PASS
571.08†	570.04	-20.78	12.00	572.27	572.24	79.45	167.58	-92.86	185.09	6.80	30.18	PASS
600.00	598.70	-24.14	13.94	600.12	600.09	79.55	167.27	-94.09	185.11	7.13	28.67	PASS
617.00†	615.54	-26.19	15.12	616.92	616.89	79.61	167.08	-94.86	185.17	7.32	27.83	PASS
717.00†	714.56	-38.25	22.08	715.72	715.68	79.85	166.08	-99.31	186.23	8.49	23.81	PASS
817.00†	813.59	-50.30	29.04	814.60	814.56	79.92	165.29	-103.62	188.47	9.47	21.39	PASS
917.00†	912.62	-62.35	36.00	913.51	913.46	79.97	164.56	-107.78	191.79	10.09	20.33	PASS
1017.00†	1011.64	-74.40	42.96	1012.28	1012.24	80.05	163.86	-111.78	196.15	12.02	17.25	PASS
1117.00†	1110.67	-86.46	49.92	1110.84	1110.79	80.32	163.19	-115.60	201.61	13.18	16.09	PASS
1217.00†	1209.70	-98.51	56.87	1209.49	1209.44	80.78	162.54	-119.24	208.11	14.33	15.21	PASS
1317.00†	1308.72	-110.56	63.83	1308.23	1308.17	81.36	161.87	-122.67	215.52	15.47	14.54	PASS
1417.00†	1407.75	-122.62	70.79	1406.94	1406.87	82.03	161.23	-125.87	223.74	16.58	14.04	PASS
1517.00†	1506.78	-134.67	77.75	1505.68	1505.61	82.68	160.82	-128.78	232.68	17.68	13.66	PASS
1617.00†	1605.80	-146.72	84.71	1605.51	1605.45	83.18	160.55	-131.46	242.09	18.15	13.54	PASS
1717.00†	1704.83	-158.77	91.67	1705.87	1705.80	83.18	160.15	-133.94	251.46	18.81	13.56	PASS
1817.00†	1803.86	-170.83	98.63	1809.62	1809.54	82.13	159.32	-136.35	260.20	19.52	13.52	PASS
1917.00†	1902.88	-182.88	105.59	1918.19	1918.02	78.11	158.03	-138.66	266.64	20.31	13.31	PASS
2015.07	2000.00	-194.70	112.41	2022.21	2021.78	71.13	155.95	-140.83	270.26	21.09	12.98	PASS
2017.00†	2001.91	-194.93	112.54	2024.20	2023.77	70.98	155.89	-140.86	270.31	21.11	12.97	PASS
2117.00†	2101.17	-205.38	118.69	2128.54	2127.64	62.37	151.15	-142.19	271.00	21.86	12.55	PASS
2217.00†	2200.79	-212.73	123.28	2233.50	2231.73	51.77	142.80	-142.71	267.01	22.67	11.92	PASS
2267.67	2251.37	-215.26	125.01	2285.63	2283.29	45.91	137.95	-141.86	263.43	23.07	11.55	PASS
2317.00†	2300.63	-217.34	126.49	2337.14	2334.18	39.66	132.97	-143.26	259.26	23.43	11.19	PASS
2417.00†	2400.49	-221.56	129.50	2438.17	2433.76	26.24	122.43	-146.33	250.12	24.16	10.47	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE O24-K21-26HNC AWB** Offset Wellpath: **STATE NORTH PLATTE O24-K21-26HNC AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#10 STATE NORTH PLATTE O24-K21-26HNC (559'FSL & 2383'FEL,SEC.26)** **Well: STATE NORTH PLATTE O24-K21-26HNC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2517.00†	2500.36	-225.78	132.50	2540.07	2533.84	11.84	109.83	-150.13	241.03	24.91	9.78	PASS
2617.00†	2600.23	-230.00	135.51	2638.33	2630.01	-3.22	96.41	-154.43	232.04	25.72	9.11	PASS
2717.00†	2700.09	-234.22	138.52	2740.92	2730.16	-19.90	81.74	-159.46	223.74	26.59	8.50	PASS
2817.00†	2799.96	-238.43	141.53	2842.77	2829.43	-38.39	68.49	-164.66	214.99	27.55	7.88	PASS
2917.00†	2899.82	-242.65	144.54	2939.84	2924.21	-56.27	57.47	-169.60	207.15	28.57	7.32	PASS
3017.00†	2999.69	-246.87	147.54	3035.02	3017.57	-71.96	47.71	-174.25	202.19	29.63	6.88	PASS
3117.00†	3099.55	-251.09	150.55	3134.60	3115.56	-87.37	38.94	-178.80	198.79	30.73	6.52	PASS
3217.00†	3199.42	-255.31	153.56	3231.52	3210.95	-102.22	30.28	176.65	196.89	31.88	6.22	PASS
3317.00†	3299.29	-259.52	156.57	3327.86	3305.68	-116.53	20.27	171.87	197.65	33.08	6.02	PASS
3417.00†	3399.15	-263.74	159.57	3426.44	3402.21	-132.46	8.18	166.42	200.41	34.39	5.87	PASS
3517.00†	3499.02	-267.96	162.58	3524.09	3497.05	-151.12	-5.68	160.23	204.86	35.78	5.77	PASS
3587.04†	3568.96	-270.91	164.69	3590.99	3561.76	-164.61	-16.03	155.89	209.79	36.74	5.75	PASS
3617.00†	3598.88	-272.18	165.59	3620.17	3589.94	-170.60	-20.66	154.01	212.34	37.16	5.75	PASS
3717.00†	3698.75	-276.39	168.60	3717.49	3683.83	-190.95	-36.14	148.00	222.36	38.54	5.81	PASS
3817.00†	3798.61	-280.61	171.61	3815.69	3778.91	-210.48	-51.02	142.79	234.24	39.86	5.91	PASS
3917.00†	3898.48	-284.83	174.61	3913.25	3873.79	-228.46	-64.91	138.50	247.30	41.10	6.05	PASS
4017.00†	3998.35	-289.05	177.62	4010.19	3968.25	-245.22	-78.83	134.91	261.90	42.27	6.23	PASS
4117.00†	4098.21	-293.27	180.63	4108.58	4064.43	-260.62	-92.67	132.00	277.31	43.42	6.42	PASS
4217.00†	4198.08	-297.48	183.64	4207.85	4161.55	-275.99	-106.32	129.41	293.04	44.57	6.61	PASS
4317.00†	4297.94	-301.70	186.64	4307.97	4259.48	-292.13	-119.52	126.95	308.72	45.71	6.79	PASS
4417.00†	4397.81	-305.92	189.65	4411.93	4361.58	-307.15	-132.06	124.96	323.75	46.91	6.94	PASS
4517.00†	4497.67	-310.14	192.66	4512.90	4460.91	-321.85	-142.60	123.18	337.47	48.04	7.06	PASS
4617.00†	4597.54	-314.36	195.67	4614.64	4560.99	-337.15	-152.66	121.45	350.98	49.17	7.17	PASS
4717.00†	4697.41	-318.57	198.67	4711.85	4656.58	-352.32	-161.74	119.82	364.29	50.24	7.29	PASS
4817.00†	4797.27	-322.79	201.68	4808.85	4751.70	-368.78	-171.18	118.11	378.44	51.30	7.41	PASS
4917.00†	4897.14	-327.01	204.69	4913.28	4854.19	-386.33	-180.89	116.42	392.47	52.46	7.52	PASS
5017.00†	4997.00	-331.23	207.70	5019.85	4959.30	-401.80	-189.17	115.13	404.85	53.63	7.58	PASS
5117.00†	5096.87	-335.45	210.71	5125.12	5063.51	-415.04	-195.94	114.17	415.70	54.77	7.63	PASS
5217.00†	5196.73	-339.66	213.71	5230.60	5168.14	-427.30	-201.24	113.35	425.07	55.89	7.64	PASS
5317.00†	5296.60	-343.88	216.72	5333.97	5270.90	-437.57	-205.75	112.80	433.50	56.98	7.64	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE O24-K21-26HNC AWB** Offset Wellpath: **STATE NORTH PLATTE O24-K21-26HNC AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#10 STATE NORTH PLATTE O24-K21-26HNC (559'FSL & 2383'FEL,SEC.26)** **Well: STATE NORTH PLATTE O24-K21-26HNC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5417.00†	5396.47	-348.10	219.73	5437.29	5373.82	-445.71	-209.65	112.52	440.92	58.05	7.63	PASS
5517.00†	5496.33	-352.32	222.74	5540.84	5477.10	-452.19	-213.32	112.45	447.76	59.12	7.61	PASS
5617.00†	5596.20	-356.54	225.74	5648.51	5584.64	-456.70	-216.13	112.62	453.23	60.20	7.56	PASS
5717.00†	5696.06	-360.75	228.75	5752.73	5688.82	-459.27	-217.61	112.98	457.17	61.26	7.49	PASS
5747.47	5726.49	-362.04	229.67	5783.65	5719.73	-459.92	-217.95	113.09	458.24	61.57	7.47	PASS
5817.00†	5795.58	-369.17	231.76	5853.69	5789.75	-461.38	-218.73	88.74	459.87	62.42	7.40	PASS
5917.00†	5892.28	-393.96	234.71	5953.82	5889.78	-459.37	-219.86	86.88	459.26	64.05	7.20	PASS
6017.00†	5983.21	-435.17	237.52	6037.00	5970.81	-441.42	-221.79	91.32	459.52	65.64	7.03	PASS
6117.00†	6065.61	-491.56	240.10	6080.44	6011.47	-426.25	-223.47	93.70	471.26	66.79	7.08	PASS
6217.00†	6136.97	-561.40	242.37	6104.16	6033.26	-417.04	-225.06	92.92	500.09	67.22	7.47	PASS
6317.00†	6195.11	-642.58	244.27	6116.25	6044.27	-412.14	-226.09	89.04	545.06	67.13	8.15	PASS
6417.00†	6238.29	-732.62	245.74	6117.29	6045.21	-411.71	-226.18	82.02	602.47	66.83	9.05	PASS
6517.00†	6265.18	-828.80	246.72	6109.18	6037.84	-415.02	-225.47	72.65	667.73	66.60	10.07	PASS
6617.00†	6274.97	-928.19	247.20	6094.14	6024.09	-420.99	-224.32	62.46	736.56	66.61	11.10	PASS
6623.26	6275.00	-934.45	247.22	6092.98	6023.03	-421.44	-224.24	61.83	740.90	66.60	11.17	PASS
6717.00†	6275.00	-1028.19	247.39	6076.21	6007.55	-427.84	-223.25	60.33	808.37	66.58	12.19	PASS
6817.00†	6275.00	-1128.19	247.58	6060.30	5992.75	-433.65	-222.57	58.95	884.93	66.60	13.34	PASS
6917.00†	6275.00	-1228.19	247.77	6047.49	5980.74	-438.04	-222.12	57.86	965.26	66.64	14.54	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: STATE NORTH PLATTE O24-K21-26HNC AWB Offset Wellpath: STATE NORTH PLATTE O24-K21-26HNC AWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

HOLE & CASING SECTIONS - Offset Wellbore: **STATE NORTH PLATTE O24-K21-26HNC AWB** Offset Wellpath: **STATE NORTH PLATTE O24-K21-26HNC AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	0.00	523.00	523.00	0.00	522.97	48.64	105.49	48.48	103.99
9.625in Casing Surface	17.00	523.00	506.00	17.00	522.97	48.64	105.49	48.48	103.99
8.75in Open Hole	525.00	6835.00	6310.00	524.97	6381.09	48.48	103.98	76.76	-9.54
7in Casing Intermediate	17.00	6829.00	6812.00	17.00	6381.35	48.64	105.49	74.93	-9.61
6.125in Open Hole	6829.00	10910.00	4081.00	6381.35	6384.42	74.93	-9.61	1318.27	6.13

WELLPATH COMPOSITION - Offset Wellbore: **STATE NORTH PLATTE O24-K21-26HNC AWB** Offset Wellpath: **STATE NORTH PLATTE O24-K21-26HNC AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	6793.00	BHI NaviTrak (Axial)	BHI/Navitrak MWD <17'-6793'>	STATE NORTH PLATTE O24-K21-26HNC AWB
6793.00	10856.00	BHI NaviTrak (Axial)	BHI/Navitrak MWD 6.125" HOLE <6908'-10856'>	STATE NORTH PLATTE O24-K21-26HNC AWB
10856.00	10910.00	Blind Drilling (std)	Projection to bit	STATE NORTH PLATTE O24-K21-26HNC AWB

OFFSET WELLPATH REFERENCE - **Offset Wellbore: STATE NORTH PLATTE O24-K21-26HNC AWB Offset Wellpath: STATE NORTH PLATTE O24-K21-26HNC AWP**

MD Reference: **CADE 22 (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **70 RANCH USX BB #35-08 AWB** Offset Wellpath: **70 RANCH USX BB #35-08 AWP**

Facility: SEC.35-T05N-R63W **Slot: SLOT#04 EX 70 RANCH USX BB #35-08 (1980'FNL & 660'FEL, SEC.35, 6676, SI)** **Well: 70 RANCH USX BB #35-08** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	-3.00	17.00	-2455.74	1858.62	142.88	3079.80	25.40	125.15	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: 70 RANCH USX BB #35-08 AWB Offset Wellpath: 70 RANCH USX BB #35-08 AWP

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

WELLPATH COMPOSITION - Offset Wellbore: **70 RANCH USX BB #35-08 AWB** Offset Wellpath: **70 RANCH USX BB #35-08 AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	6676.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL <6676>	70 RANCH USX BB #35-08 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: 70 RANCH USX BB #35-08 AWB Offset Wellpath: 70 RANCH USX BB #35-08 AWP

MD Reference: **Rig on SLOT#04 EX 70 RANCH USX BB #35-08 (1980'FNL & 660'FEL, SEC.35, 6676, SI) (RT)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**0.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE 024-K21-26HNB AWB** Offset Wellpath: **STATE NORTH PLATTE 024-K21-26HNB AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#08 STATE NORTH PLATTE O24-K21-26HNB (519'FSL & 2382'FEL,SEC.26)** **Well: STATE NORTH PLATTE 024-K21-26HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	17.00	17.00	39.71	173.05	77.08	177.55	1.56	294.31	PASS
117.00†	117.00	0.00	0.00	118.00	118.00	39.55	172.80	77.11	177.27	2.10	135.81	PASS
200.00	200.00	0.00	0.00	200.77	200.77	39.28	172.35	77.16	176.77	2.91	83.54	PASS
217.00†	217.00	-0.04	0.03	217.61	217.61	39.25	172.29	-72.85	176.69	3.08	77.05	PASS
317.00†	316.97	-2.07	1.19	317.97	317.97	39.07	171.94	-73.57	175.64	4.15	52.29	PASS
417.00†	416.79	-7.11	4.11	417.36	417.36	39.12	171.51	-75.49	173.67	5.23	39.04	PASS
517.00†	516.35	-15.17	8.76	517.19	517.18	38.99	171.13	-78.55	171.17	6.20	30.95	PASS
600.00	598.70	-24.14	13.94	599.65	599.64	38.66	170.80	-81.94	168.96	7.08	26.33	PASS
617.00†	615.54	-26.19	15.12	616.51	616.50	38.58	170.73	-82.72	168.55	7.27	25.50	PASS
717.00†	714.56	-38.25	22.08	715.58	715.58	38.06	170.30	-87.31	166.71	8.43	21.45	PASS
817.00†	813.59	-50.30	29.04	814.35	814.34	37.46	170.04	-91.92	166.08	9.60	18.57	PASS
917.00†	912.62	-62.35	36.00	913.22	913.20	36.80	170.02	-96.46	166.72	10.74	16.53	PASS
1017.00†	1011.64	-74.40	42.96	1012.21	1012.19	36.19	170.08	-100.94	168.50	11.93	14.94	PASS
1117.00†	1110.67	-86.46	49.92	1111.42	1111.40	35.64	170.15	-105.33	171.36	13.15	13.71	PASS
1217.00†	1209.70	-98.51	56.87	1213.68	1213.66	34.72	169.66	-109.74	174.60	14.34	12.74	PASS
1317.00†	1308.72	-110.56	63.83	1316.44	1316.34	32.56	166.50	-114.45	176.30	15.57	11.81	PASS
1417.00†	1407.75	-122.62	70.79	1419.16	1418.86	30.12	160.54	-119.76	177.50	16.72	11.03	PASS
1517.00†	1506.78	-134.67	77.75	1522.64	1521.89	25.97	151.96	-125.50	177.59	17.90	10.28	PASS
1617.00†	1605.80	-146.72	84.71	1627.27	1625.70	19.31	140.81	-131.73	176.38	18.44	9.70	PASS
1717.00†	1704.83	-158.77	91.67	1729.38	1726.64	10.11	128.36	-138.14	174.20	19.15	9.22	PASS
1817.00†	1803.86	-170.83	98.63	1828.72	1824.65	-0.24	115.94	-144.50	172.72	19.78	8.85	PASS
1917.00†	1902.88	-182.88	105.59	1927.04	1921.49	-10.82	102.65	-151.16	173.08	20.41	8.59	PASS
2015.07	2000.00	-194.70	112.41	2024.71	2017.64	-21.77	89.45	-157.67	175.34	21.07	8.42	PASS
2017.00†	2001.91	-194.93	112.54	2026.66	2019.56	-22.00	89.19	-157.79	175.39	21.09	8.42	PASS
2117.00†	2101.17	-205.38	118.69	2127.74	2118.79	-35.06	75.05	-163.35	176.70	21.89	8.17	PASS
2217.00†	2200.79	-212.73	123.28	2226.76	2215.60	-49.46	60.03	-167.94	175.71	22.90	7.76	PASS
2267.67	2251.37	-215.26	125.01	2276.43	2264.19	-56.70	52.75	-169.04	174.73	23.41	7.54	PASS
2317.00†	2300.63	-217.34	126.49	2324.78	2311.55	-63.65	45.88	-172.20	173.89	23.88	7.36	PASS
2417.00†	2400.49	-221.56	129.50	2422.53	2407.38	-77.43	32.48	-178.46	173.88	24.88	7.06	PASS
2517.00†	2500.36	-225.78	132.50	2521.03	2504.04	-91.01	19.19	175.43	176.12	25.95	6.85	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE 024-K21-26HNB AWB** Offset Wellpath: **STATE NORTH PLATTE 024-K21-26HNB AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#08 STATE NORTH PLATTE O24-K21-26HNB (519'FSL & 2382'FEL,SEC.26)** **Well: STATE NORTH PLATTE 024-K21-26HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2617.00†	2600.23	-230.00	135.51	2619.19	2600.00	-105.86	4.87	169.01	180.21	27.09	6.71	PASS
2717.00†	2700.09	-234.22	138.52	2717.10	2695.63	-121.04	-9.68	162.82	186.53	28.27	6.66	PASS
2748.98†	2732.02	-235.56	139.48	2748.48	2726.31	-125.80	-14.23	160.97	188.97	28.66	6.65	PASS
2817.00†	2799.96	-238.43	141.53	2815.36	2791.76	-135.77	-23.73	157.27	194.73	29.46	6.67	PASS
2917.00†	2899.82	-242.65	144.54	2912.80	2887.27	-149.53	-37.19	152.51	204.59	30.60	6.74	PASS
3017.00†	2999.69	-246.87	147.54	3010.43	2983.21	-161.95	-50.38	148.56	216.00	31.72	6.86	PASS
3117.00†	3099.55	-251.09	150.55	3110.05	3081.29	-173.68	-63.32	145.22	228.18	33.30	6.90	PASS
3217.00†	3199.42	-255.31	153.56	3210.04	3179.87	-185.05	-75.53	142.36	240.42	33.93	7.14	PASS
3317.00†	3299.29	-259.52	156.57	3308.36	3276.78	-196.66	-87.38	139.73	252.92	35.01	7.28	PASS
3417.00†	3399.15	-263.74	159.57	3405.05	3371.94	-208.79	-99.56	137.22	266.29	36.06	7.44	PASS
3517.00†	3499.02	-267.96	162.58	3497.23	3462.28	-221.47	-112.75	134.76	281.63	37.05	7.65	PASS
3617.00†	3598.88	-272.18	165.59	3592.65	3555.38	-235.75	-127.94	132.20	298.96	38.12	7.90	PASS
3717.00†	3698.75	-276.39	168.60	3687.64	3647.84	-250.68	-143.86	129.79	317.62	39.15	8.17	PASS
3817.00†	3798.61	-280.61	171.61	3784.21	3741.71	-266.07	-160.52	127.56	337.28	40.21	8.44	PASS
3917.00†	3898.48	-284.83	174.61	3880.86	3835.65	-281.27	-177.37	125.60	357.56	41.26	8.72	PASS
4017.00†	3998.35	-289.05	177.62	3979.14	3931.20	-296.70	-194.45	123.83	378.15	42.34	8.99	PASS
4117.00†	4098.21	-293.27	180.63	4078.55	4027.99	-311.76	-211.35	122.31	398.64	43.43	9.23	PASS
4217.00†	4198.08	-297.48	183.64	4177.78	4124.85	-325.80	-227.77	121.07	418.83	44.52	9.46	PASS
4317.00†	4297.94	-301.70	186.64	4274.90	4219.72	-338.84	-243.94	120.06	439.21	45.57	9.69	PASS
4417.00†	4397.81	-305.92	189.65	4379.75	4322.41	-351.79	-260.65	119.21	458.87	46.74	9.87	PASS
4517.00†	4497.67	-310.14	192.66	4486.01	4426.89	-363.54	-276.07	118.57	477.04	47.94	10.00	PASS
4617.00†	4597.54	-314.36	195.67	4583.65	4523.07	-374.53	-288.79	117.98	493.83	49.01	10.13	PASS
4717.00†	4697.41	-318.57	198.67	4669.04	4607.07	-382.30	-302.02	117.74	512.75	49.89	10.33	PASS
4817.00†	4797.27	-322.79	201.68	4764.08	4700.20	-392.17	-318.16	117.37	533.36	50.91	10.53	PASS
4917.00†	4897.14	-327.01	204.69	4878.53	4812.49	-405.50	-335.81	116.79	552.69	52.22	10.64	PASS
5017.00†	4997.00	-331.23	207.70	4998.78	4931.08	-419.44	-349.89	116.16	568.36	53.57	10.66	PASS
5117.00†	5096.87	-335.45	210.71	5108.22	5039.60	-429.43	-359.95	115.85	581.17	54.75	10.67	PASS
5217.00†	5196.73	-339.66	213.71	5211.47	5142.16	-437.80	-368.47	115.65	592.92	55.84	10.67	PASS
5317.00†	5296.60	-343.88	216.72	5319.82	5249.92	-445.64	-376.52	115.52	603.71	56.96	10.65	PASS
5417.00†	5396.47	-348.10	219.73	5439.26	5369.02	-452.15	-382.66	115.54	611.92	58.12	10.58	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report

NORTH PLATTE K31-35-2MRLNB (REV-A.0) PWP

Closest Approach

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE 024-K21-26HNB AWB** Offset Wellpath: **STATE NORTH PLATTE 024-K21-26HNB AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#08 STATE NORTH PLATTE O24-K21-26HNB (519'FSL & 2382'FEL,SEC.26)** **Well: STATE NORTH PLATTE 024-K21-26HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5517.00†	5496.33	-352.32	222.74	5554.77	5484.41	-455.96	-385.84	115.75	617.45	59.22	10.47	PASS
5617.00†	5596.20	-356.54	225.74	5660.43	5590.07	-456.18	-387.00	116.20	620.82	60.27	10.35	PASS
5717.00†	5696.06	-360.75	228.75	5759.02	5688.66	-456.08	-388.10	116.65	624.22	61.32	10.22	PASS
5747.47	5726.49	-362.04	229.67	5789.07	5718.70	-456.06	-388.47	116.78	625.30	61.64	10.19	PASS
5817.00†	5795.58	-369.17	231.76	5861.53	5791.05	-452.69	-389.65	92.66	627.01	62.57	10.06	PASS
5917.00†	5892.28	-393.96	234.71	5940.72	5869.06	-439.94	-392.40	90.04	629.22	64.24	9.83	PASS
6017.00†	5983.21	-435.17	237.52	6039.49	5961.10	-404.90	-396.41	94.16	635.04	65.68	9.71	PASS
6117.00†	6065.61	-491.56	240.10	6093.53	6008.51	-379.00	-396.38	96.28	648.87	67.02	9.72	PASS
6217.00†	6136.97	-561.40	242.37	6118.64	6029.71	-365.55	-395.81	95.19	676.12	68.07	9.97	PASS
6317.00†	6195.11	-642.58	244.27	6121.43	6032.02	-364.00	-395.72	90.71	716.80	68.73	10.47	PASS
6417.00†	6238.29	-732.62	245.74	6110.82	6023.16	-369.85	-396.03	83.67	767.95	69.14	11.15	PASS
6517.00†	6265.18	-828.80	246.72	6091.25	6006.55	-380.18	-396.41	75.07	825.69	69.51	11.92	PASS
6617.00†	6274.97	-928.19	247.20	6065.44	5984.12	-392.94	-396.55	66.08	886.29	69.98	12.71	PASS
6623.26	6275.00	-934.45	247.22	6063.61	5982.51	-393.81	-396.55	65.53	890.10	70.00	12.77	PASS
6717.00†	6275.00	-1028.19	247.39	6037.93	5959.70	-405.60	-396.40	63.87	949.48	70.30	13.56	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: STATE NORTH PLATTE 024-K21-26HNB AWB** **Offset Wellpath: STATE NORTH PLATTE 024-K21-26HNB AWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

HOLE & CASING SECTIONS - Offset Wellbore: **STATE NORTH PLATTE 024-K21-26HNB AWB** Offset Wellpath: **STATE NORTH PLATTE 024-K21-26HNB AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	0.00	437.00	437.00	0.00	437.00	24.21	105.49	24.03	105.00
9.625in Casing Intermediate	17.00	437.00	420.00	17.00	437.00	24.21	105.49	24.03	105.00
8.5in Open Hole	437.00	6731.00	6294.00	437.00	6312.77	24.03	105.00	56.83	-63.89
7in Casing	17.00	6731.00	6714.00	17.00	6312.77	24.21	105.49	56.83	-63.89
6.125in Open Hole	6731.00	10830.00	4099.00	6312.77	6330.27	56.83	-63.89	1305.59	-49.00

WELLPATH COMPOSITION - Offset Wellbore: **STATE NORTH PLATTE 024-K21-26HNB AWB** Offset Wellpath: **STATE NORTH PLATTE 024-K21-26HNB AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	6731.00	BHI NaviTrak (Axial)	BHI/Navitrak MWD 8.75" Hole <17'-6731>	STATE NORTH PLATTE 024-K21-26HNB AWB
6731.00	10776.00	BHI NaviTrak (Axial)	BHI/Navitrak MWD 6.125" Hole <6802'-10776'>	STATE NORTH PLATTE 024-K21-26HNB AWB
10776.00	10830.00	Blind Drilling (std)	Projection to bit	STATE NORTH PLATTE 024-K21-26HNB AWB

OFFSET WELLPATH REFERENCE - **Offset Wellbore: STATE NORTH PLATTE 024-K21-26HNB AWB Offset Wellpath: STATE NORTH PLATTE 024-K21-26HNB AWP**

MD Reference: **CADE 22 (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE 11-36-1XRLNB AWB** Offset Wellpath: **STATE NORTH PLATTE 11-36-1XRLNB AWP**

Facility: SEC.36-T5N-R63W **Slot: SLOT#04 STATE NORTH PLATTE 11-36-1XRLNB (330'FNL & 519'FWL,SEC.36)** **Well: STATE NORTH PLATTE 11-36-1XRLNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	10.00	17.00	-801.66	3060.16	104.68	3163.42	25.40	128.55	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: STATE NORTH PLATTE 11-36-1XRLNB AWB** **Offset Wellpath: STATE NORTH PLATTE 11-36-1XRLNB AWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

HOLE & CASING SECTIONS - Offset Wellbore: **STATE NORTH PLATTE 11-36-1XRLNB AWB** Offset Wellpath: **STATE NORTH PLATTE 11-36-1XRLNB AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	17.00	465.00	448.00	24.00	471.99	-488.57	1865.50	-488.42	1866.08
8.75in Open Hole	465.00	5647.00	5182.00	471.99	5623.52	-488.42	1866.08	-483.18	1750.31
7in Casing Intermediate	17.00	6547.00	6530.00	24.00	6298.33	-488.57	1865.50	-615.77	1747.28
6.125in Open Hole	6547.00	15767.00	9220.00	6298.33	6310.33	-615.77	1747.28	-3425.08	1754.37

WELLPATH COMPOSITION - Offset Wellbore: **STATE NORTH PLATTE 11-36-1XRLNB AWB** Offset Wellpath: **STATE NORTH PLATTE 11-36-1XRLNB AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	6557.00	BHI NaviTrak (Standard)	BHI/Navitrak MWD 8.75" Hole <17'-6557'>	STATE NORTH PLATTE 11-36-1XRLNB AWB
6557.00	15710.00	BHI NaviTrak (Axial)	BHI/Navitrak MWD 6.125" Hole <6599'-15710'>	STATE NORTH PLATTE 11-36-1XRLNB AWB
15710.00	15767.00	Blind Drilling (std)	Projection to bit	STATE NORTH PLATTE 11-36-1XRLNB AWB

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

OFFSET WELLPATH REFERENCE - **Offset Wellbore: STATE NORTH PLATTE 11-36-1XRLNB AWB Offset Wellpath: STATE NORTH PLATTE 11-36-1XRLNB AWP**	
MD Reference: **RIG (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE A11-35-2XRLNC PWB** Offset Wellpath: **NORTH PLATTE A11-35-2XRLNC (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#20 NORTH PLATTE A11-35-2XRLNC (WELL 2, STATE NORTH PLATTE I-26 PAD)** **Well: NORTH PLATTE A11-35-2XRLNC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	22.00	17.00	966.17	-1103.76	-48.80	1466.90	1.42	2382.03	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: NORTH PLATTE A11-35-2XRLNC PWB** **Offset Wellpath: NORTH PLATTE A11-35-2XRLNC (REV-A.0) PWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

HOLE & CASING SECTIONS - Offset Wellbore: **NORTH PLATTE A11-35-2XRLNC PWB** Offset Wellpath: **NORTH PLATTE A11-35-2XRLNC (REV-A.0) PWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Open Hole	17.00	1550.00	1533.00	12.00	1545.00	589.00	-672.84	589.00	-672.84

SURVEY PROGRAM - **Offset Wellbore:** **Offset Wellpath: NORTH PLATTE A11-35-2XRLNC (REV-A.0) PWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1550.00	BHI NaviTrak (Rotating+Axial Corr)		NORTH PLATTE A11-35-2XRLNC PWB
1550.00	16887.65	BHI AutoTrak Curve (Axial Corr, Short spacing)		NORTH PLATTE A11-35-2XRLNC PWB

OFFSET WELLPATH REFERENCE - **Offset Wellbore: NORTH PLATTE A11-35-2XRLNC PWB** **Offset Wellpath: NORTH PLATTE A11-35-2XRLNC (REV-A.0) PWP**

MD Reference: **RIG (4555'GL + 17'RKB) (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **70 RANCH USX BB #35-01P AWB** Offset Wellpath: **70 RANCH USX BB #35-01P AWP**

Facility: SEC.35-T05N-R63W **Slot: SLOT#03 EX 70 RANCH USX BB #35-01P (789'FNL & 642'FEL, SEC.35, 6670, SI)** **Well: 70 RANCH USX BB #35-01P** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	0.00	17.00	-1260.80	1889.75	123.71	2271.73	50.01	46.15	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: 70 RANCH USX BB #35-01P AWB Offset Wellpath: 70 RANCH USX BB #35-01P AWP

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

WELLPATH COMPOSITION - Offset Wellbore: **70 RANCH USX BB #35-01P AWB** Offset Wellpath: **70 RANCH USX BB #35-01P AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	6670.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL <6670>	70 RANCH USX BB #35-01P AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: 70 RANCH USX BB #35-01P AWB Offset Wellpath: 70 RANCH USX BB #35-01P AWP

MD Reference: **Rig on SLOT#03 EX 70 RANCH USX BB #35-01P (789'FNL & 642'FEL, SEC.35, 6670, SI) (RT)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**0.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE 24-21-26HNB AWB** Offset Wellpath: **STATE NORTH PLATTE 24-21-26HNB AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#07 STATE NORTH PLATTE 24-21-26HNB (499'FSL & 2382'FEL,SEC.26)** **Well: STATE NORTH PLATTE 24-21-26HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	17.00	17.00	17.85	173.05	84.11	173.97	1.40	288.62	PASS
117.00†	117.00	0.00	0.00	117.16	117.16	17.70	173.02	84.16	173.93	2.07	137.01	PASS
200.00	200.00	0.00	0.00	200.26	200.26	17.39	172.95	84.26	173.83	2.85	84.48	PASS
217.00†	217.00	-0.04	0.03	217.28	217.28	17.31	172.94	-65.73	173.78	3.02	77.90	PASS
317.00†	316.97	-2.07	1.19	317.98	317.97	16.62	172.67	-66.25	172.49	4.11	51.96	PASS
417.00†	416.79	-7.11	4.11	417.49	417.48	15.74	172.24	-67.81	169.68	5.26	37.85	PASS
517.00†	516.35	-15.17	8.76	516.84	516.83	15.16	171.99	-70.66	166.03	6.03	30.99	PASS
600.00	598.70	-24.14	13.94	599.03	599.02	14.76	171.87	-74.00	162.65	6.74	26.80	PASS
617.00†	615.54	-26.19	15.12	615.85	615.84	14.69	171.86	-74.78	161.98	6.86	26.17	PASS
717.00†	714.56	-38.25	22.08	715.90	715.89	14.45	171.67	-79.57	158.60	7.59	22.90	PASS
817.00†	813.59	-50.30	29.04	818.89	818.85	13.57	169.60	-84.76	154.48	8.57	19.52	PASS
917.00†	912.62	-62.35	36.00	919.62	919.49	11.47	165.83	-89.99	149.51	9.66	16.60	PASS
1017.00†	1011.64	-74.40	42.96	1019.58	1019.33	9.42	161.50	-95.63	145.39	10.70	14.46	PASS
1117.00†	1110.67	-86.46	49.92	1118.49	1118.08	6.87	156.50	-101.51	141.86	11.76	12.76	PASS
1217.00†	1209.70	-98.51	56.87	1218.72	1218.15	4.49	151.41	-107.75	140.06	12.72	11.59	PASS
1317.00†	1308.72	-110.56	63.83	1322.75	1321.74	1.83	142.26	-115.56	137.66	13.99	10.30	PASS
1417.00†	1407.75	-122.62	70.79	1425.30	1423.33	-3.31	129.38	-124.36	133.82	15.33	9.10	PASS
1517.00†	1506.78	-134.67	77.75	1527.05	1523.65	-10.84	114.17	-134.09	130.17	16.44	8.22	PASS
1617.00†	1605.80	-146.72	84.71	1629.25	1623.74	-21.64	96.56	-144.98	126.91	16.94	7.60	PASS
1663.83†	1652.17	-152.36	87.97	1674.12	1667.48	-27.04	88.13	-150.17	126.26	17.30	7.41	PASS
1717.00†	1704.83	-158.77	91.67	1724.45	1716.44	-32.83	78.02	-156.27	127.21	17.66	7.31	PASS
1736.49†	1724.13	-161.12	93.02	1742.74	1734.21	-34.85	74.20	-158.52	128.06	17.80	7.30	PASS
1817.00†	1803.86	-170.83	98.63	1818.38	1807.59	-42.64	57.62	-167.67	134.63	18.36	7.44	PASS
1917.00†	1902.88	-182.88	105.59	1917.24	1903.21	-54.00	35.19	-178.63	146.85	19.27	7.72	PASS
2015.07	2000.00	-194.70	112.41	2012.80	1995.63	-66.22	14.22	172.51	161.76	20.24	8.10	PASS
2017.00†	2001.91	-194.93	112.54	2014.68	1997.45	-66.47	13.81	172.37	162.08	20.26	8.10	PASS
2117.00†	2101.17	-205.38	118.69	2112.16	2091.66	-80.00	-7.25	165.82	177.97	21.32	8.45	PASS
2217.00†	2200.79	-212.73	123.28	2209.34	2185.41	-94.45	-28.37	161.09	192.93	22.48	8.68	PASS
2267.67	2251.37	-215.26	125.01	2258.96	2233.35	-101.79	-38.85	160.08	200.12	23.09	8.77	PASS
2317.00†	2300.63	-217.34	126.49	2305.03	2277.90	-108.45	-48.49	157.23	207.34	23.56	8.90	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE 24-21-26HNB AWB** Offset Wellpath: **STATE NORTH PLATTE 24-21-26HNB AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#07 STATE NORTH PLATTE 24-21-26HNB (499'FSL & 2382'FEL,SEC.26)** **Well: STATE NORTH PLATTE 24-21-26HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2417.00†	2400.49	-221.56	129.50	2399.17	2368.83	-121.20	-69.29	152.05	224.92	24.53	9.27	PASS
2517.00†	2500.36	-225.78	132.50	2498.79	2465.34	-133.93	-90.40	147.62	243.61	25.58	9.62	PASS
2617.00†	2600.23	-230.00	135.51	2591.06	2554.36	-147.96	-110.23	143.60	263.10	26.52	10.02	PASS
2717.00†	2700.09	-234.22	138.52	2678.66	2638.00	-161.98	-132.15	139.97	286.94	27.40	10.57	PASS
2817.00†	2799.96	-238.43	141.53	2772.26	2727.11	-176.25	-156.94	136.74	313.46	28.40	11.14	PASS
2917.00†	2899.82	-242.65	144.54	2872.00	2823.19	-185.93	-181.87	134.82	340.05	28.48	12.05	PASS
3017.00†	2999.69	-246.87	147.54	2971.10	2919.13	-194.17	-205.28	133.46	365.72	30.43	12.13	PASS
3117.00†	3099.55	-251.09	150.55	3077.28	3021.97	-205.03	-229.39	131.92	390.50	31.54	12.49	PASS
3217.00†	3199.42	-255.31	153.56	3174.84	3116.95	-214.52	-249.50	130.77	413.42	32.54	12.81	PASS
3317.00†	3299.29	-259.52	156.57	3264.74	3204.25	-223.64	-268.95	129.77	437.47	33.42	13.20	PASS
3417.00†	3399.15	-263.74	159.57	3364.47	3301.00	-232.85	-291.30	128.87	462.46	34.44	13.53	PASS
3517.00†	3499.02	-267.96	162.58	3473.23	3406.94	-242.93	-313.75	128.01	485.79	35.60	13.75	PASS
3617.00†	3598.88	-272.18	165.59	3556.66	3488.22	-250.59	-330.91	127.42	509.14	36.42	14.08	PASS
3717.00†	3698.75	-276.39	168.60	3640.39	3569.31	-257.98	-350.40	126.90	535.21	37.26	14.47	PASS
3817.00†	3798.61	-280.61	171.61	3733.75	3659.25	-267.27	-373.69	126.25	562.98	38.26	14.82	PASS
3917.00†	3898.48	-284.83	174.61	3833.69	3755.59	-277.39	-398.25	125.60	590.46	39.33	15.12	PASS
4017.00†	3998.35	-289.05	177.62	3935.36	3853.88	-287.01	-422.43	125.07	617.20	40.41	15.38	PASS
4117.00†	4098.21	-293.27	180.63	4038.66	3953.89	-297.59	-445.98	124.50	643.02	41.53	15.59	PASS
4217.00†	4198.08	-297.48	183.64	4136.70	4048.67	-310.31	-467.53	123.76	668.21	42.58	15.79	PASS
4317.00†	4297.94	-301.70	186.64	4220.25	4129.01	-323.40	-486.39	122.99	694.24	43.46	16.08	PASS
4417.00†	4397.81	-305.92	189.65	4312.46	4217.17	-339.05	-508.44	122.09	721.84	44.47	16.33	PASS
4517.00†	4497.67	-310.14	192.66	4424.51	4324.71	-356.76	-534.43	121.19	748.83	45.75	16.47	PASS
4617.00†	4597.54	-314.36	195.67	4520.18	4417.19	-368.98	-555.60	120.69	774.54	46.81	16.65	PASS
4717.00†	4697.41	-318.57	198.67	4634.72	4528.41	-381.13	-580.13	120.31	799.38	48.07	16.72	PASS
4817.00†	4797.27	-322.79	201.68	4743.71	4634.79	-391.63	-601.40	120.04	822.24	49.26	16.79	PASS
4917.00†	4897.14	-327.01	204.69	4846.69	4735.49	-401.21	-620.73	119.82	844.37	50.36	16.86	PASS
5017.00†	4997.00	-331.23	207.70	4966.94	4853.48	-411.07	-641.66	119.65	865.09	51.63	16.85	PASS
5117.00†	5096.87	-335.45	210.71	5096.54	4981.47	-419.76	-660.06	119.59	882.42	52.95	16.75	PASS
5217.00†	5196.73	-339.66	213.71	5209.05	5093.00	-426.11	-673.38	119.59	897.31	54.09	16.67	PASS
5317.00†	5296.60	-343.88	216.72	5324.91	5208.11	-431.93	-685.20	119.63	910.52	55.22	16.57	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE 24-21-26HNB AWB** Offset Wellpath: **STATE NORTH PLATTE 24-21-26HNB AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#07 STATE NORTH PLATTE 24-21-26HNB (499'FSL & 2382'FEL,SEC.26)** **Well: STATE NORTH PLATTE 24-21-26HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5417.00†	5396.47	-348.10	219.73	5452.53	5335.17	-438.21	-695.36	119.66	921.56	56.39	16.42	PASS
5517.00†	5496.33	-352.32	222.74	5561.01	5443.41	-442.12	-701.36	119.76	929.96	57.46	16.26	PASS
5617.00†	5596.20	-356.54	225.74	5679.40	5561.62	-445.67	-706.73	119.90	937.36	58.53	16.09	PASS
5717.00†	5696.06	-360.75	228.75	5796.67	5678.84	-446.72	-709.75	120.18	942.59	59.57	15.90	PASS
5747.47	5726.49	-362.04	229.67	5829.66	5711.83	-446.84	-710.30	120.26	943.90	59.88	15.83	PASS
5817.00†	5795.58	-369.17	231.76	5899.95	5782.08	-445.64	-711.28	95.57	946.23	60.69	15.66	PASS
5917.00†	5892.28	-393.96	234.71	6023.21	5903.03	-423.07	-712.83	93.26	948.05	62.23	15.30	PASS
6017.00†	5983.21	-435.17	237.52	6109.48	5983.00	-390.99	-711.95	95.07	950.50	63.88	14.94	PASS
6117.00†	6065.61	-491.56	240.10	6147.78	6016.72	-372.85	-711.21	95.37	959.93	65.76	14.66	PASS
6217.00†	6136.97	-561.40	242.37	6181.00	6045.02	-355.50	-710.38	94.91	979.07	67.75	14.51	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: STATE NORTH PLATTE 24-21-26HNB AWB** **Offset Wellpath: STATE NORTH PLATTE 24-21-26HNB AWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

HOLE & CASING SECTIONS - Offset Wellbore: **STATE NORTH PLATTE 24-21-26HNB AWB** Offset Wellpath: **STATE NORTH PLATTE 24-21-26HNB AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	17.00	421.00	404.00	17.00	420.99	10.88	105.49	10.23	105.24
9.625in Casing Surface	17.00	476.00	459.00	17.00	475.99	10.88	105.49	10.13	105.20
8.75in Open Hole	421.00	6817.00	6396.00	420.99	6303.91	10.23	105.24	64.80	-162.74
7in Casing Intermediate	17.00	6811.00	6794.00	17.00	6304.06	10.88	105.49	62.97	-162.80
6.125in Open Hole	6774.00	10876.00	4102.00	6305.13	6336.28	51.70	-163.12	1301.47	-149.66

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

WELLPATH COMPOSITION - Offset Wellbore: **STATE NORTH PLATTE 24-21-26HNB AWB** Offset Wellpath: **STATE NORTH PLATTE 24-21-26HNB AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	421.00	BHI NaviTrak (Axial)	BHI/Navitrak MWD 13.5" Hole <17'-421'>	STATE NORTH PLATTE 24-21-26HNB AWB
421.00	6774.00	BHI NaviTrak (Axial)	BHI/Navitrak MWD 8.75" Hole <600'-6774'>	STATE NORTH PLATTE 24-21-26HNB AWB
6774.00	10821.00	BHI NaviTrak (Axial)	BHI/Navitrak 6.125" Hole <6898'-10821'>	STATE NORTH PLATTE 24-21-26HNB AWB
10821.00	10876.00	Blind Drilling (std)	Projection to bit	STATE NORTH PLATTE 24-21-26HNB AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: **STATE NORTH PLATTE 24-21-26HNB AWB** Offset Wellpath: **STATE NORTH PLATTE 24-21-26HNB AWP**	
MD Reference: **CADE 22 (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE 24-21-26HNC AWB** Offset Wellpath: **STATE NORTH PLATTE 24-21-26HNC AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#09 STATE NORTH PLATTE 24-21-26HNC (539'FSL & 2383'FEL,SEC.26)** **Well: STATE NORTH PLATTE 24-21-26HNC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	17.00	17.00	57.93	173.05	71.49	182.49	1.40	302.81	PASS
117.00†	117.00	0.00	0.00	117.95	117.95	57.62	172.88	71.57	182.23	2.10	140.02	PASS
200.00	200.00	0.00	0.00	201.42	201.41	56.94	172.51	71.73	181.67	2.90	86.21	PASS
217.00†	217.00	-0.04	0.03	218.48	218.48	56.78	172.42	-78.25	181.52	3.08	79.44	PASS
317.00†	316.97	-2.07	1.19	318.45	318.44	55.85	171.85	-78.78	180.22	4.12	54.16	PASS
417.00†	416.79	-7.11	4.11	418.00	417.99	55.55	171.18	-80.61	178.44	5.18	40.59	PASS
517.00†	516.35	-15.17	8.76	518.16	518.14	55.71	170.19	-83.81	176.32	6.15	32.16	PASS
600.00	598.70	-24.14	13.94	600.24	600.21	55.85	169.27	-87.34	174.73	7.08	27.27	PASS
617.00†	615.54	-26.19	15.12	617.02	616.99	55.88	169.10	-88.14	174.49	7.27	26.43	PASS
717.00†	714.56	-38.25	22.08	715.72	715.69	56.03	168.15	-92.86	173.86	8.42	22.40	PASS
817.00†	813.59	-50.30	29.04	814.33	814.30	56.36	167.28	-97.61	174.61	9.60	19.52	PASS
917.00†	912.62	-62.35	36.00	912.81	912.77	56.93	166.47	-102.33	176.78	10.74	17.53	PASS
1017.00†	1011.64	-74.40	42.96	1011.11	1011.06	57.79	165.78	-106.92	180.44	11.82	16.16	PASS
1117.00†	1110.67	-86.46	49.92	1109.82	1109.77	58.89	165.21	-111.35	185.53	13.15	14.84	PASS
1217.00†	1209.70	-98.51	56.87	1209.13	1209.07	59.78	164.69	-115.50	191.52	14.32	14.00	PASS
1317.00†	1308.72	-110.56	63.83	1307.83	1307.77	60.49	164.19	-119.33	198.32	15.46	13.38	PASS
1417.00†	1407.75	-122.62	70.79	1410.33	1410.26	60.99	163.29	-123.09	205.61	16.61	12.88	PASS
1517.00†	1506.78	-134.67	77.75	1514.93	1514.81	59.09	161.04	-126.71	211.05	17.88	12.24	PASS
1617.00†	1605.80	-146.72	84.71	1619.88	1619.61	54.71	157.51	-130.25	214.62	18.45	11.80	PASS
1717.00†	1704.83	-158.77	91.67	1722.82	1722.23	48.50	152.37	-133.86	216.68	19.16	11.47	PASS
1817.00†	1803.86	-170.83	98.63	1827.20	1826.11	40.26	146.43	-137.52	217.57	19.85	11.11	PASS
1917.00†	1902.88	-182.88	105.59	1933.03	1931.04	29.00	138.41	-141.57	216.25	20.57	10.65	PASS
2015.07	2000.00	-194.70	112.41	2031.93	2028.73	16.99	128.84	-145.91	214.26	21.25	10.21	PASS
2017.00†	2001.91	-194.93	112.54	2033.87	2030.65	16.74	128.63	-145.99	214.22	21.26	10.20	PASS
2117.00†	2101.17	-205.38	118.69	2133.77	2128.86	3.86	115.73	-149.97	211.08	21.93	9.74	PASS
2217.00†	2200.79	-212.73	123.28	2231.34	2224.42	-9.12	100.97	-153.13	206.19	22.75	9.17	PASS
2267.67	2251.37	-215.26	125.01	2279.70	2271.60	-15.42	92.43	-153.87	203.49	23.15	8.89	PASS
2317.00†	2300.63	-217.34	126.49	2329.37	2319.92	-22.06	83.02	-157.14	200.99	23.32	8.71	PASS
2417.00†	2400.49	-221.56	129.50	2427.75	2415.24	-36.50	63.40	-164.21	197.06	24.45	8.14	PASS
2517.00†	2500.36	-225.78	132.50	2523.55	2507.55	-51.30	42.50	-171.80	196.45	25.45	7.80	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE 24-21-26HNC AWB** Offset Wellpath: **STATE NORTH PLATTE 24-21-26HNC AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#09 STATE NORTH PLATTE 24-21-26HNC (539'FSL & 2383'FEL,SEC.26)** **Well: STATE NORTH PLATTE 24-21-26HNC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2617.00†	2600.23	-230.00	135.51	2616.50	2596.60	-65.95	20.28	-179.59	200.50	26.54	7.63	PASS
2640.47†	2623.67	-230.99	136.22	2637.95	2617.08	-69.27	14.83	178.59	202.31	26.80	7.62	PASS
2717.00†	2700.09	-234.22	138.52	2709.55	2685.38	-80.09	-3.75	172.75	210.27	27.70	7.66	PASS
2817.00†	2799.96	-238.43	141.53	2805.50	2777.21	-93.67	-28.03	165.89	224.11	28.91	7.82	PASS
2917.00†	2899.82	-242.65	144.54	2906.08	2874.05	-107.25	-51.54	159.98	239.68	30.18	8.01	PASS
3017.00†	2999.69	-246.87	147.54	3006.24	2970.84	-121.40	-73.07	154.95	255.43	31.43	8.19	PASS
3117.00†	3099.55	-251.09	150.55	3106.67	3068.37	-134.97	-92.77	150.80	271.41	32.63	8.38	PASS
3217.00†	3199.42	-255.31	153.56	3204.68	3163.65	-148.59	-111.29	147.20	287.77	33.76	8.59	PASS
3317.00†	3299.29	-259.52	156.57	3297.10	3253.38	-161.42	-129.34	144.13	305.73	34.77	8.86	PASS
3417.00†	3399.15	-263.74	159.57	3387.68	3340.93	-174.25	-148.68	141.31	326.22	35.75	9.19	PASS
3517.00†	3499.02	-267.96	162.58	3479.19	3428.73	-188.65	-170.05	138.46	349.10	36.75	9.57	PASS
3617.00†	3598.88	-272.18	165.59	3569.57	3514.77	-204.66	-192.64	135.65	374.12	37.72	9.99	PASS
3717.00†	3698.75	-276.39	168.60	3659.99	3600.42	-221.26	-216.40	133.05	401.17	38.69	10.44	PASS
3817.00†	3798.61	-280.61	171.61	3757.82	3692.90	-239.66	-242.44	130.53	429.29	39.82	10.85	PASS
3917.00†	3898.48	-284.83	174.61	3858.34	3788.26	-258.58	-267.99	128.27	456.87	41.00	11.22	PASS
4017.00†	3998.35	-289.05	177.62	3959.30	3884.46	-277.06	-292.40	126.34	483.77	42.17	11.55	PASS
4117.00†	4098.21	-293.27	180.63	4061.76	3982.53	-295.20	-315.91	124.66	509.84	43.35	11.84	PASS
4217.00†	4198.08	-297.48	183.64	4155.73	4072.83	-310.27	-337.08	123.45	535.72	44.36	12.15	PASS
4317.00†	4297.94	-301.70	186.64	4256.78	4169.97	-326.65	-359.57	122.25	561.55	45.49	12.42	PASS
4417.00†	4397.81	-305.92	189.65	4354.91	4264.32	-343.36	-380.76	121.11	587.01	46.58	12.68	PASS
4517.00†	4497.67	-310.14	192.66	4459.65	4365.34	-360.37	-402.57	120.07	611.83	47.77	12.88	PASS
4617.00†	4597.54	-314.36	195.67	4572.22	4474.46	-377.70	-424.12	119.11	635.06	49.06	13.02	PASS
4717.00†	4697.41	-318.57	198.67	4685.29	4584.99	-392.48	-442.78	118.43	655.41	50.33	13.09	PASS
4817.00†	4797.27	-322.79	201.68	4783.93	4681.69	-404.39	-458.15	117.95	674.83	51.41	13.20	PASS
4917.00†	4897.14	-327.01	204.69	4882.49	4778.31	-416.09	-473.68	117.52	694.44	52.47	13.30	PASS
5017.00†	4997.00	-331.23	207.70	4998.28	4892.12	-428.71	-490.85	117.12	713.07	53.72	13.34	PASS
5117.00†	5096.87	-335.45	210.71	5113.02	5005.52	-438.87	-505.06	116.90	728.94	54.94	13.33	PASS
5217.00†	5196.73	-339.66	213.71	5222.46	5113.99	-447.31	-516.93	116.78	743.15	56.08	13.32	PASS
5317.00†	5296.60	-343.88	216.72	5340.02	5230.79	-455.05	-527.73	116.74	755.58	57.25	13.26	PASS
5417.00†	5396.47	-348.10	219.73	5466.76	5357.15	-460.45	-535.78	116.87	764.83	58.44	13.15	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE 24-21-26HNC AWB** Offset Wellpath: **STATE NORTH PLATTE 24-21-26HNC AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#09 STATE NORTH PLATTE 24-21-26HNC (539'FSL & 2383'FEL,SEC.26)** **Well: STATE NORTH PLATTE 24-21-26HNC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5517.00†	5496.33	-352.32	222.74	5581.32	5471.61	-462.11	-540.21	117.19	771.20	59.53	13.01	PASS
5617.00†	5596.20	-356.54	225.74	5681.64	5571.87	-462.53	-543.31	117.53	776.71	60.55	12.88	PASS
5717.00†	5696.06	-360.75	228.75	5783.34	5673.53	-463.22	-546.31	117.85	782.13	61.57	12.76	PASS
5747.47	5726.49	-362.04	229.67	5814.63	5704.81	-463.43	-547.17	117.95	783.73	61.88	12.72	PASS
5817.00†	5795.58	-369.17	231.76	5885.73	5775.88	-463.89	-549.01	93.21	786.73	62.71	12.60	PASS
5917.00†	5892.28	-393.96	234.71	6000.87	5890.86	-460.12	-551.45	90.13	788.94	64.33	12.32	PASS
6017.00†	5983.21	-435.17	237.52	6121.67	6006.51	-426.76	-550.26	94.12	788.17	66.03	11.98	PASS
6117.00†	6065.61	-491.56	240.10	6176.09	6055.33	-402.86	-548.18	96.21	793.32	67.95	11.72	PASS
6217.00†	6136.97	-561.40	242.37	6199.90	6076.08	-391.24	-547.19	95.73	809.98	69.87	11.64	PASS
6317.00†	6195.11	-642.58	244.27	6206.88	6082.10	-387.71	-546.90	92.94	838.86	71.59	11.76	PASS
6417.00†	6238.29	-732.62	245.74	6201.09	6077.11	-390.64	-547.14	88.06	878.40	73.05	12.07	PASS
6517.00†	6265.18	-828.80	246.72	6185.68	6063.73	-398.26	-547.78	81.55	925.85	74.30	12.51	PASS
6617.00†	6274.97	-928.19	247.20	6162.99	6043.76	-408.98	-548.74	74.16	978.04	75.45	13.01	PASS
6623.26	6275.00	-934.45	247.22	6161.35	6042.30	-409.74	-548.80	73.69	981.39	75.51	13.04	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: STATE NORTH PLATTE 24-21-26HNC AWB** **Offset Wellpath: STATE NORTH PLATTE 24-21-26HNC AWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

HOLE & CASING SECTIONS - Offset Wellbore: **STATE NORTH PLATTE 24-21-26HNC AWB** Offset Wellpath: **STATE NORTH PLATTE 24-21-26HNC AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	17.00	412.00	395.00	17.00	411.99	35.31	105.49	34.58	104.93
9.625in Casing Surface	17.00	467.00	450.00	17.00	466.98	35.31	105.49	34.61	104.79
8.75in Open Hole	467.00	6865.00	6398.00	466.98	6387.07	34.61	104.79	66.04	-109.42
7in Casing Intermediate	17.00	6859.00	6842.00	17.00	6386.98	35.31	105.49	64.21	-109.42
6.125in Open Hole	6859.00	10965.00	4106.00	6386.98	6399.47	64.21	-109.42	1314.89	-95.22

WELLPATH COMPOSITION - Offset Wellbore: **STATE NORTH PLATTE 24-21-26HNC AWB** Offset Wellpath: **STATE NORTH PLATTE 24-21-26HNC AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	6818.00	BHI NaviTrak (Axial)	BHI/Navitrak MWD 8.75" Hole <17'-6818'>	STATE NORTH PLATTE 24-21-26HNC AWB
6818.00	10911.00	BHI NaviTrak (Axial)	BHI/Navitrak MWD 6.125" Hole <6895'-109011'>	STATE NORTH PLATTE 24-21-26HNC AWB
10911.00	10965.00	Blind Drilling (std)	Projection to bit	STATE NORTH PLATTE 24-21-26HNC AWB

OFFSET WELLPATH REFERENCE - **Offset Wellbore: STATE NORTH PLATTE 24-21-26HNC AWB Offset Wellpath: STATE NORTH PLATTE 24-21-26HNC AWP**

MD Reference: **CADE 22 (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

CLEARANCE DATA - Offset Wellbore: **Ex.Latham 14-11-2HZ AWB** Offset Wellpath: **Ex.Latham 14-11-2HZ AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#09 Ex.Latham 14-11-2HZ (613'FSL & 734'FWL,SEC.2)** **Well: Ex.Latham 14-11-2HZ** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	10968.00	6297.84	-6206.89	-2137.67	-161.00	9085.37	72.91	125.98	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: Ex.Latham 14-11-2HZ AWB Offset Wellpath: Ex.Latham 14-11-2HZ AWP

Slot Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

HOLE & CASING SECTIONS - Offset Wellbore: **Ex.Latham 14-11-2HZ AWB** Offset Wellpath: **Ex.Latham 14-11-2HZ AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	15.00	774.00	759.00	26.00	780.18	-6371.60	-1604.48	-6392.27	-1596.01
7in Casing Intermediate	15.00	6763.00	6748.00	26.00	6302.32	-6371.60	-1604.48	-6356.98	-1523.79

WELLPATH COMPOSITION - Offset Wellbore: **Ex.Latham 14-11-2HZ AWB** Offset Wellpath: **Ex.Latham 14-11-2HZ AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
15.00	6725.00	ISCWSA MWD, Rev. 3 (Standard)	Ensign Directional MWD Vert/Curve From COGCC <15'-6725'>	Ex.Latham 14-11-2HZ AWB
6725.00	10915.00	ISCWSA MWD, Rev. 3 (Standard)	Ensign Directional Lat. MWD Surveys From COGCC <6771'-10915'>	Ex.Latham 14-11-2HZ AWB
10915.00	10968.00	Blind Drilling (std)	Projection to bit	Ex.Latham 14-11-2HZ AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: Ex.Latham 14-11-2HZ AWB Offset Wellpath: Ex.Latham 14-11-2HZ AWP

MD Reference: **RIG (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**15.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE 41-34-2XRLNC PWB** Offset Wellpath: **NORTH PLATTE 41-34-2XRLNC (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#19 NORTH PLATTE 41-34-2XRLNC (WELL 1, STATE NORTH PLATTE I-26 PAD)** **Well: NORTH PLATTE 41-34-2XRLNC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	22.00	17.00	972.37	-1123.27	-49.12	1485.68	1.42	2412.54	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: NORTH PLATTE 41-34-2XRLNC PWB** **Offset Wellpath: NORTH PLATTE 41-34-2XRLNC (REV-A.0) PWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

HOLE & CASING SECTIONS - Offset Wellbore: **NORTH PLATTE 41-34-2XRLNC PWB** Offset Wellpath: **NORTH PLATTE 41-34-2XRLNC (REV-A.0) PWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	17.00	1550.00	1533.00	12.00	1545.00	592.77	-684.73	592.77	-684.73

SURVEY PROGRAM - **Offset Wellbore:** **Offset Wellpath: NORTH PLATTE 41-34-2XRLNC (REV-A.0) PWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1550.00	BHI NaviTrak (Rotating+Axial Corr)		NORTH PLATTE 41-34-2XRLNC PWB
1550.00	17120.29	BHI AutoTrak Curve (Axial Corr, Short spacing)		NORTH PLATTE 41-34-2XRLNC PWB

OFFSET WELLPATH REFERENCE - **Offset Wellbore: NORTH PLATTE 41-34-2XRLNC PWB** **Offset Wellpath: NORTH PLATTE 41-34-2XRLNC (REV-A.0) PWP**

MD Reference: **RIG (4555'GL + 17'RKB) (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE F-J-26HNB AWB** Offset Wellpath: **STATE NORTH PLATTE F-J-26HNB AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#01 STATE NORTH PLATTE F-J-26HNB (457'FNL & 956'FWL,SEC.26)** **Well: STATE NORTH PLATTE F-J-26HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	37.52	27.52	4283.95	-1657.51	-21.15	4593.44	1.44	7148.20	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: STATE NORTH PLATTE F-J-26HNB AWB** **Offset Wellpath: STATE NORTH PLATTE F-J-26HNB AWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

WELLPATH COMPOSITION - Offset Wellbore: **STATE NORTH PLATTE F-J-26HNB AWB** Offset Wellpath: **STATE NORTH PLATTE F-J-26HNB AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
12.00	10703.00	ISCWSA MWD, Rev. 4 (Standard)	ENSIGN DIRECTIONAL SURVEYS <50-10703>	STATE NORTH PLATTE F-J-26HNB AWB
10703.00	10758.00	Blind Drilling (std)	Projection to bit	STATE NORTH PLATTE F-J-26HNB AWB

OFFSET WELLPATH REFERENCE - **Offset Wellbore: STATE NORTH PLATTE F-J-26HNB AWB** **Offset Wellpath: STATE NORTH PLATTE F-J-26HNB AWP**

MD Reference: **ENSIGN (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**12.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE F-J-26HC AWB** Offset Wellpath: **STATE NORTH PLATTE F-J-26HC AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#02 STATE NORTH PLATTE F-J-26HC (433'FNL & 956'FWL,SEC.26)** **Well: STATE NORTH PLATTE F-J-26HC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	22.61	12.61	4305.84	-1657.51	-21.05	4613.85	1.43	7359.88	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: STATE NORTH PLATTE F-J-26HC AWB Offset Wellpath: STATE NORTH PLATTE F-J-26HC AWP

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

WELLPATH COMPOSITION - Offset Wellbore: **STATE NORTH PLATTE F-J-26HC AWB** Offset Wellpath: **STATE NORTH PLATTE F-J-26HC AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
12.00	10939.00	ISCWSA MWD, Rev. 4 (Standard)	ENSIGN DIRECTIONAL SURVEYS <79-10939>	STATE NORTH PLATTE F-J-26HC AWB
10939.00	10994.00	Blind Drilling (std)	Projection to bit	STATE NORTH PLATTE F-J-26HC AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: STATE NORTH PLATTE F-J-26HC AWB Offset Wellpath: STATE NORTH PLATTE F-J-26HC AWP

MD Reference: **ENSIGN (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**12.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **Existing North Platte 14-36 AWB** Offset Wellpath: **Existing North Platte 14-36 AWP**

Facility: SEC.36-T5N-R63W **Slot: SLOT#02 Existing North Platte 14-36 (1075'FSL & 1093'FWL,SEC.36) 6755' TD** **Well: Existing North Platte 14-36** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	-10.00	17.00	-4572.19	3587.40	141.88	5811.57	25.40	236.19	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: Existing North Platte 14-36 AWB** **Offset Wellpath: Existing North Platte 14-36 AWP**

Slot Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

HOLE & CASING SECTIONS - Offset Wellbore: **Existing North Platte 14-36 AWB** Offset Wellpath: **Existing North Platte 14-36 AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	0.00	410.00	410.00	10.00	419.99	-2787.05	2187.08	-2786.69	2186.80
7in Casing Intermediate	0.00	6897.00	6897.00	10.00	N/A	-2787.05	2187.08	N/A	N/A

WELLPATH COMPOSITION - Offset Wellbore: **Existing North Platte 14-36 AWB** Offset Wellpath: **Existing North Platte 14-36 AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	6808.00	ISCWSA MWD, Rev. 3 (Standard)	3rd Party Survey from COGIS <131'-6808'>	Existing North Platte 14-36 AWB

OFFSET WELLPATH REFERENCE - **Offset Wellbore: Existing North Platte 14-36 AWB** **Offset Wellpath: Existing North Platte 14-36 AWP**

MD Reference: **Rig on SLOT#02 Existing North Platte 14-36 (1075'FSL & 1093'FWL,SEC.36) 6755' TD (RT)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**0.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE F11-J14-26HNC AWB** Offset Wellpath: **STATE NORTH PLATTE F11-J14-26HNC AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#03 STATE NORTH PLATTE F11-J14-26HNC (417'FNL & 956'FWL,SEC.26)** **Well: STATE NORTH PLATTE F11-J14-26HNC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	18.14	19.14	4324.05	-1657.51	-20.97	4630.85	1.45	7129.62	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: STATE NORTH PLATTE F11-J14-26HNC AWB Offset Wellpath: STATE NORTH PLATTE F11-J14-26HNC AWP

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

WELLPATH COMPOSITION - Offset Wellbore: **STATE NORTH PLATTE F11-J14-26HNC AWB** Offset Wellpath: **STATE NORTH PLATTE F11-J14-26HNC AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	10919.00	ISCWSA MWD, Rev. 4 (Standard)	ENSIGN DIRECTIONAL SURVEYS <76-10919>	STATE NORTH PLATTE F11-J14-26HNC AWB
10919.00	10974.00	Blind Drilling (std)	Projection to bit	STATE NORTH PLATTE F11-J14-26HNC AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: STATE NORTH PLATTE F11-J14-26HNC AWB Offset Wellpath: STATE NORTH PLATTE F11-J14-26HNC AWP

MD Reference: **ENSIGN (RT)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**0.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE J24-F21-26HNC PWB** Offset Wellpath: **STATE NORTH PLATTE J24-F21-26HNC (REV-A.0) PWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#24 STATE NORTH PLATTE J24-F21-26HNC (WELL 5, STATE NORTH PLATTE I-26 PAD)** **Well: STATE NORTH PLATTE J24-F21-26HNC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	22.00	17.00	947.23	-1047.20	-47.87	1412.04	1.42	2292.90	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: STATE NORTH PLATTE J24-F21-26HNC PWB** **Offset Wellpath: STATE NORTH PLATTE J24-F21-26HNC (REV-A.0) PWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

HOLE & CASING SECTIONS - Offset Wellbore: **STATE NORTH PLATTE J24-F21-26HNC PWB** Offset Wellpath: **STATE NORTH PLATTE J24-F21-26HNC (REV-A.0) PWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	17.00	1550.00	1533.00	12.00	1545.00	577.44	-638.36	577.44	-638.36

SURVEY PROGRAM - **Offset Wellbore:** **Offset Wellpath: STATE NORTH PLATTE J24-F21-26HNC (REV-A.0) PWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1550.00	BHI NaviTrak (Rotating+Axial Corr)		STATE NORTH PLATTE J24-F21-26HNC PWB
1550.00	11318.30	BHI AutoTrak Curve (Axial Corr, Short spacing)		STATE NORTH PLATTE J24-F21-26HNC PWB

OFFSET WELLPATH REFERENCE - **Offset Wellbore: STATE NORTH PLATTE J24-F21-26HNC PWB** **Offset Wellpath: STATE NORTH PLATTE J24-F21-26HNC (REV-A.0) PWP**

MD Reference: **RIG (4555'GL + 17'RKB) (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE K-O-36HC ST01 AWB** Offset Wellpath: **STATE NORTH PLATTE K-O-36HC ST01 AWP**

Facility: SEC.36-T5N-R63W **Slot: SLOT#01 STATE NORTH PLATTE K-O-36HC (350'FNL & 520'FWL,SEC.36)** **Well: STATE NORTH PLATTE K-O-36HC ST01** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	11.08	18.08	-823.52	3062.94	105.05	3171.72	25.40	128.89	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: STATE NORTH PLATTE K-O-36HC ST01 AWB** **Offset Wellpath: STATE NORTH PLATTE K-O-36HC ST01 AWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

WELLPATH COMPOSITION - Offset Wellbore: **STATE NORTH PLATTE K-O-36HC ST01 AWB** Offset Wellpath: **STATE NORTH PLATTE K-O-36HC ST01 AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7484.00	ISCWSA MWD, Rev. 3 (Standard)	3rd Party MWD Surveys provided by Bonanza Creek <92'-9569'>	STATE NORTH PLATTE K-O-36HC AWB
7484.00	11310.00	BHI NaviTrak (Standard)	BHI/Navitrak MWD Surveys<7544'-11310'>	STATE NORTH PLATTE K-O-36HC ST01 AWB
11310.00	11360.00	Blind Drilling (std)	Projection to bit	STATE NORTH PLATTE K-O-36HC ST01 AWB

OFFSET WELLPATH REFERENCE - **Offset Wellbore: STATE NORTH PLATTE K-O-36HC ST01 AWB** **Offset Wellpath: STATE NORTH PLATTE K-O-36HC ST01 AWP**

MD Reference: **CADE 22 (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE A11-E14-26HNC AWB** Offset Wellpath: **STATE NORTH PLATTE A11-E14-26HNC AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#13 STATE NORTH PLATTE A11-E14-26HNC (376'FNL & 1080'FWL, SEC.26)** **Well: STATE NORTH PLATTE A11-E14-26HNC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	29.34	13.34	4363.36	-1532.30	-19.35	4624.59	1.43	7402.90	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: STATE NORTH PLATTE A11-E14-26HNC AWB Offset Wellpath: STATE NORTH PLATTE A11-E14-26HNC AWP				
Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

WELLPATH COMPOSITION - Offset Wellbore: **STATE NORTH PLATTE A11-E14-26HNC AWB** Offset Wellpath: **STATE NORTH PLATTE A11-E14-26HNC AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1612.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI MWD NAVITRAK +SR+ROCKIES <121-1612>	STATE NORTH PLATTE A11-E14-26HNC AWB
1612.00	10991.00	Custom BHI AutoTrak Curve (Axial Corr, Short spacing) (Rockies 0.03Gt model)	BHI MWD ATCURVE +AC+SS+ROCKIES <1757-10991>	STATE NORTH PLATTE A11-E14-26HNC AWB
10991.00	11015.00	Blind Drilling (std)	Projection to bit	STATE NORTH PLATTE A11-E14-26HNC AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: **STATE NORTH PLATTE A11-E14-26HNC AWB** Offset Wellpath: **STATE NORTH PLATTE A11-E14-26HNC AWP**

MD Reference: **XTREME 19 (4567'GL + 17'KB) (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE 11-14-26HNB AWB** Offset Wellpath: **STATE NORTH PLATTE 11-14-26HNB AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#04 STATE NORTH PLATTE 11-14-26HNB (393'FNL & 956'FWL,SEC.26)** **Well: STATE NORTH PLATTE 11-14-26HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	56.27	45.27	4345.80	-1657.36	-20.88	4651.19	1.50	6706.03	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: STATE NORTH PLATTE 11-14-26HNB AWB** **Offset Wellpath: STATE NORTH PLATTE 11-14-26HNB AWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

WELLPATH COMPOSITION - Offset Wellbore: **STATE NORTH PLATTE 11-14-26HNB AWB** Offset Wellpath: **STATE NORTH PLATTE 11-14-26HNB AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
12.00	10710.00	ISCWSA MWD, Rev. 4 (Standard)	ENSIGN DIRECTIONAL SURVEYS <48-10710>	STATE NORTH PLATTE 11-14-26HNB AWB
10710.00	10765.00	Blind Drilling (std)	Projection to bit	STATE NORTH PLATTE 11-14-26HNB AWB

OFFSET WELLPATH REFERENCE - **Offset Wellbore: STATE NORTH PLATTE 11-14-26HNB AWB** **Offset Wellpath: STATE NORTH PLATTE 11-14-26HNB AWP**

MD Reference: **ENSIGN (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**12.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE 11-14-26HC AWB** Offset Wellpath: **STATE NORTH PLATTE 11-14-26HC AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#05 STATE NORTH PLATTE 11-14-26HC (377'FNL & 956'FWL,SEC.26)** **Well: STATE NORTH PLATTE 11-14-26HC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	28.09	17.09	4364.13	-1657.49	-20.80	4668.29	1.44	7281.67	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: STATE NORTH PLATTE 11-14-26HC AWB** **Offset Wellpath: STATE NORTH PLATTE 11-14-26HC AWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

WELLPATH COMPOSITION - Offset Wellbore: **STATE NORTH PLATTE 11-14-26HC AWB** Offset Wellpath: **STATE NORTH PLATTE 11-14-26HC AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
12.00	11015.00	ISCWSA MWD, Rev. 4 (Standard)	ENSIGN DIRECTIONAL SURVEYS <80-11015>	STATE NORTH PLATTE 11-14-26HC AWB

OFFSET WELLPATH REFERENCE - **Offset Wellbore: STATE NORTH PLATTE 11-14-26HC AWB** **Offset Wellpath: STATE NORTH PLATTE 11-14-26HC AWP**

MD Reference: **ENSIGN 136 (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**12.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE A-E-26HNB AWB** Offset Wellpath: **STATE NORTH PLATTE A-E-26HNB AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#17 STATE NORTH PLATTE A-E-26HNB (456'FNL & 1081'FWL, SEC.26)** **Well: STATE NORTH PLATTE A-E-26HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	33.35	16.35	4283.37	-1532.90	-19.69	4549.40	1.43	7220.24	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: STATE NORTH PLATTE A-E-26HNB AWB** **Offset Wellpath: STATE NORTH PLATTE A-E-26HNB AWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

WELLPATH COMPOSITION - Offset Wellbore: **STATE NORTH PLATTE A-E-26HNB AWB** Offset Wellpath: **STATE NORTH PLATTE A-E-26HNB AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1575.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI MWD NAVITRAK+SR+AC +ROCKIES <121-1575>	STATE NORTH PLATTE A-E-26HNB AWB
1575.00	10980.00	Custom BHI AutoTrak Curve (Axial Corr, Short spacing) (Rockies 0.03Gt model)	BHI ATCURVE+AC+SS+ROCKIES <1667-10980>	STATE NORTH PLATTE A-E-26HNB AWB
10980.00	11005.00	Blind Drilling (std)	Projection to bit	STATE NORTH PLATTE A-E-26HNB AWB

OFFSET WELLPATH REFERENCE - **Offset Wellbore: STATE NORTH PLATTE A-E-26HNB AWB** **Offset Wellpath: STATE NORTH PLATTE A-E-26HNB AWP**

MD Reference: **XTREME 19 (4567'GL + 17'KB) (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **STATE NORTH PLATTE K-O-36HC AWB** Offset Wellpath: **STATE NORTH PLATTE K-O-36HC AWP**

Facility: SEC.36-T5N-R63W **Slot: SLOT#01 STATE NORTH PLATTE K-O-36HC (350'FNL & 520'FWL,SEC.36)** **Well: STATE NORTH PLATTE K-O-36HC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	11.08	18.08	-823.52	3062.94	105.05	3171.72	25.40	128.89	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: STATE NORTH PLATTE K-O-36HC AWB** **Offset Wellpath: STATE NORTH PLATTE K-O-36HC AWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

WELLPATH COMPOSITION - Offset Wellbore: **STATE NORTH PLATTE K-O-36HC AWB** Offset Wellpath: **STATE NORTH PLATTE K-O-36HC AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	9569.00	ISCWSA MWD, Rev. 3 (Standard)	3rd Party MWD Surveys provided by Bonanza Creek <92'-9569'>	STATE NORTH PLATTE K-O-36HC AWB

OFFSET WELLPATH REFERENCE - **Offset Wellbore: STATE NORTH PLATTE K-O-36HC AWB** **Offset Wellpath: STATE NORTH PLATTE K-O-36HC AWP**

MD Reference: **CADE 22 (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **Ex.Latham 14-2 AWB** Offset Wellpath: **Ex.Latham 14-2 AWP**

Facility: SEC.02-T4N-R63W **Slot: SLOT#08 Ex.Latham 14-2 (614'FSL & 719'FWL,SEC.2)** **Well: Ex.Latham 14-2** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	4.00	17.00	-10452.24	-2645.40	-165.80	10781.81	25.40	438.22	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: Ex.Latham 14-2 AWB** **Offset Wellpath: Ex.Latham 14-2 AWP**

Slot Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

HOLE & CASING SECTIONS - Offset Wellbore: **Ex.Latham 14-2 AWB** Offset Wellpath: **Ex.Latham 14-2 AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
8.625in Casing Surface	15.00	774.00	759.00	26.00	784.93	-6371.60	-1612.98	-6372.27	-1610.79
4.5in Casing Intermediate	15.00	6701.00	6686.00	26.00	N/A	-6371.60	-1612.98	N/A	N/A

WELLPATH COMPOSITION - Offset Wellbore: **Ex.Latham 14-2 AWB** Offset Wellpath: **Ex.Latham 14-2 AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
15.00	6139.00	ISCWSA MWD, Rev. 3 (Standard)	Ensign Directional MWD From COGCC <253'-6139'>	Ex.Latham 14-2 AWB
6139.00	6201.00	Blind Drilling (std)	Projection to bit	Ex.Latham 14-2 AWB

OFFSET WELLPATH REFERENCE - **Offset Wellbore: Ex.Latham 14-2 AWB** **Offset Wellpath: Ex.Latham 14-2 AWP**

MD Reference: **Rig on SLOT#08 Ex.Latham 14-2 (614'FSL & 719'FWL,SEC.2) (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**15.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE O24-K21-23HNB AWB** Offset Wellpath: **NORTH PLATTE O24-K21-23HNB AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#16 NORTH PLATTE O24-K21-23HNB (436'FNL & 1081'FWL, SEC.26)** **Well: NORTH PLATTE O24-K21-23HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	40.37	23.37	4303.33	-1532.80	-19.61	4568.17	1.45	7088.89	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: NORTH PLATTE O24-K21-23HNB AWB Offset Wellpath: NORTH PLATTE O24-K21-23HNB AWP

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

WELLPATH COMPOSITION - Offset Wellbore: **NORTH PLATTE O24-K21-23HNB AWB** Offset Wellpath: **NORTH PLATTE O24-K21-23HNB AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1613.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI MWD NAVITRAK +SR+ROCKIES <121-1613>	NORTH PLATTE O24-K21-23HNB AWB
1613.00	11140.00	Custom BHI AutoTrak Curve (Axial Corr, Short spacing) (Rockies 0.03Gt model)	BHI ATCURVE +AC+SS+ROCKIES <1755-11140>	NORTH PLATTE O24-K21-23HNB AWB
11140.00	11169.00	Blind Drilling (std)	Projection to bit	NORTH PLATTE O24-K21-23HNB AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: NORTH PLATTE O24-K21-23HNB AWB Offset Wellpath: NORTH PLATTE O24-K21-23HNB AWP

MD Reference: **XTREME 19 (4567'GL + 17'KB) (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE J-F-23HNB AWB** Offset Wellpath: **NORTH PLATTE J-F-23HNB AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#14 NORTH PLATTE J-F-23HNB (396'FNL & 1080'FWL, SEC.26)** **Well: NORTH PLATTE J-F-23HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	32.04	16.04	4343.36	-1532.45	-19.43	4605.78	1.44	7216.21	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: NORTH PLATTE J-F-23HNB AWB Offset Wellpath: NORTH PLATTE J-F-23HNB AWP

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

WELLPATH COMPOSITION - Offset Wellbore: **NORTH PLATTE J-F-23HNB AWB** Offset Wellpath: **NORTH PLATTE J-F-23HNB AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1613.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI MWD NAVITRAK+SR+ROCKIES <121-1613>	NORTH PLATTE J-F-23HNB AWB
1613.00	10985.00	Custom BHI AutoTrak Curve (Axial Corr, Short spacing) (Rockies 0.03Gt model)	BHI ATCURVE +AC+SS+ROCKIES <1757-10985>	NORTH PLATTE J-F-23HNB AWB
10985.00	11010.00	Blind Drilling (std)	Projection to bit	NORTH PLATTE J-F-23HNB AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: NORTH PLATTE J-F-23HNB AWB Offset Wellpath: NORTH PLATTE J-F-23HNB AWP

MD Reference: **XTREME 19 (4567'GL + 17'KB) (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	**BONANZA CREEK OIL COMPANY**	Slot	**SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)**
Area	**COLORADO**	Well	**NORTH PLATTE K31-35-2MRLNB**
Field	**WELD COUNTY**	Wellbore	**NORTH PLATTE K31-35-2MRLNB PWB**
Facility	**SEC.26-T5N-R63W**		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE E-A-23HNC AWB** Offset Wellpath: **NORTH PLATTE E-A-23HNC AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#18 NORTH PLATTE E-A-23HNC (496'FNL & 1081'FWL, SEC.26)** **Well: NORTH PLATTE E-A-23HNC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	35.20	18.20	4243.31	-1533.27	-19.87	4511.83	1.43	7147.38	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: NORTH PLATTE E-A-23HNC AWB** **Offset Wellpath: NORTH PLATTE E-A-23HNC AWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

WELLPATH COMPOSITION - Offset Wellbore: **NORTH PLATTE E-A-23HNC AWB** Offset Wellpath: **NORTH PLATTE E-A-23HNC AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1577.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI MWD +SR+AC+ROCKIES <121-1577>	NORTH PLATTE E-A-23HNC AWB
1577.00	11118.00	Custom BHI AutoTrak Curve (Axial Corr, Short spacing) (Rockies 0.03Gt model)	BHGE ATCURVE +AC+SS+ROCKIES <1666-11118>	NORTH PLATTE E-A-23HNC AWB
11118.00	11142.00	Blind Drilling (std)	Projection to bit	NORTH PLATTE E-A-23HNC AWB

OFFSET WELLPATH REFERENCE - **Offset Wellbore: NORTH PLATTE E-A-23HNC AWB** **Offset Wellpath: NORTH PLATTE E-A-23HNC AWP**

MD Reference: **XTREME 19 (4567'GL + 17'KB) (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE E14-A11-23HNB AWB** Offset Wellpath: **NORTH PLATTE E14-A11-23HNB AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#12 NORTH PLATTE E14-A11-23HNB (356'FNL & 1080'FWL, SEC.26)** **Well: NORTH PLATTE E14-A11-23HNB** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	30.40	14.40	4383.36	-1532.12	-19.27	4643.41	1.43	7438.12	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: NORTH PLATTE E14-A11-23HNB AWB** **Offset Wellpath: NORTH PLATTE E14-A11-23HNB AWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

WELLPATH COMPOSITION - Offset Wellbore: **NORTH PLATTE E14-A11-23HNB AWB** Offset Wellpath: **NORTH PLATTE E14-A11-23HNB AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1612.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI MWD NAVITRAK+SR+ROCKIES <121-1612>	NORTH PLATTE E14-A11-23HNB AWB
1612.00	11014.00	Custom BHI AutoTrak Curve (Axial Corr, Short spacing) (Rockies 0.03Gt model)	BHI ATCURVE+AC+SS+ROCKIES <1762-11014>	NORTH PLATTE E14-A11-23HNB AWB
11014.00	11038.00	Blind Drilling (std)	Projection to bit	NORTH PLATTE E14-A11-23HNB AWB

OFFSET WELLPATH REFERENCE - **Offset Wellbore: NORTH PLATTE E14-A11-23HNB AWB** **Offset Wellpath: NORTH PLATTE E14-A11-23HNB AWP**

MD Reference: **XTREME 19 (4567'GL + 17'KB) (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE J14-F11-23HC AWB** Offset Wellpath: **NORTH PLATTE J14-F11-23HC AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#11 NORTH PLATTE J14-F11-23HC (336'FNL & 1080'FWL, SEC.26)** **Well: NORTH PLATTE J14-F11-23HC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	28.40	12.40	4403.36	-1531.95	-19.18	4662.24	1.43	7442.08	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: NORTH PLATTE J14-F11-23HC AWB** **Offset Wellpath: NORTH PLATTE J14-F11-23HC AWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

WELLPATH COMPOSITION - Offset Wellbore: **NORTH PLATTE J14-F11-23HC AWB** Offset Wellpath: **NORTH PLATTE J14-F11-23HC AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1612.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI NAVITRAK +SR+ROCKIES <121-1612>	NORTH PLATTE J14-F11-23HC AWB
1612.00	11187.00	Custom BHI AutoTrak Curve (Axial Corr, Short spacing) (Rockies 0.03Gt model)	BHI ATCURVE +AC+SS+ROCKIES <1757-11187>	NORTH PLATTE J14-F11-23HC AWB
11187.00	11212.00	Blind Drilling (std)	Projection to bit	NORTH PLATTE J14-F11-23HC AWB

OFFSET WELLPATH REFERENCE - **Offset Wellbore: NORTH PLATTE J14-F11-23HC AWB** **Offset Wellpath: NORTH PLATTE J14-F11-23HC AWP**

MD Reference: **XTREME 19 (4567'GL + 17'KB) (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**

Clearance Report

NORTH PLATTE K31-35-2MRLNB (REV-A.0) PWP

Closest Approach

REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K31-35-2MRLNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE K31-35-2MRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: **NORTH PLATTE 24-21-23HNC AWB** Offset Wellpath: **NORTH PLATTE 24-21-23HNC AWP**

Facility: SEC.26-T5N-R63W **Slot: SLOT#15 NORTH PLATTE 24-21-23HNC (416'FNL & 1080'FWL, SEC.26)** **Well: NORTH PLATTE 24-21-23HNC** **Threshold Value=1.00** **† = interpolated/extrapolated station**

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	37.39	20.39	4323.35	-1532.63	-19.52	4586.97	1.46	7007.11	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - **Offset Wellbore: NORTH PLATTE 24-21-23HNC AWB** **Offset Wellpath: NORTH PLATTE 24-21-23HNC AWP**

Slot Surface Uncertainty @1SD	Horizontal	**0.100ft**	Vertical	**1.000ft**
Facility Surface Uncertainty @1SD	Horizontal	**8.200ft**	Vertical	**3.000ft**

WELLPATH COMPOSITION - Offset Wellbore: **NORTH PLATTE 24-21-23HNC AWB** Offset Wellpath: **NORTH PLATTE 24-21-23HNC AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1613.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI MWD NAVITRAK+SR+AC+ROCKIES <209-1613>	NORTH PLATTE 24-21-23HNC AWB
1613.00	11071.00	Custom BHI AutoTrak Curve (Axial Corr, Short spacing) (Rockies 0.03Gt model)	BAKER ATCURVE+AC+SS+ROCKIES <1676-11071>	NORTH PLATTE 24-21-23HNC AWB
11071.00	11096.00	Blind Drilling (std)	Projection to bit	NORTH PLATTE 24-21-23HNC AWB

OFFSET WELLPATH REFERENCE - **Offset Wellbore: NORTH PLATTE 24-21-23HNC AWB** **Offset Wellpath: NORTH PLATTE 24-21-23HNC AWP**

MD Reference: **XTREME 19 (4567'GL + 17'KB) (RKB)**	*Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)*
Ellipse Start MD	**17.00ft**