

To correct azimuth from Magnetic to True add 8.14 degrees



Planned Wellpath Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	Ingmjmr
Scale	0.999959	Report Generated	12/21/2017 at 11:05:02 AM
Convergence at slot	0.71° East	Database/Source file	Denver/STATE_NORTH_PLATTE_U41-35-1XRLNB__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	-4143.24	1658.62	3305660.24	1377652.19	40°21'53.521"N	104°24'11.009"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#32 STATE NORTH PLATTE U41-35-1XRLNB)	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	168.46°



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Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
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WELLPATH DATA (175 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	104.778	0.00	0.00	0.00	0.00	40°21'53.521"N	104°24'11.009"W	0.00	
17.00	0.000	104.778	17.00	0.00	0.00	0.00	40°21'53.521"N	104°24'11.009"W	0.00	Tie On
117.00†	0.000	104.778	117.00	0.00	0.00	0.00	40°21'53.521"N	104°24'11.009"W	0.00	
217.00†	0.000	104.778	217.00	0.00	0.00	0.00	40°21'53.521"N	104°24'11.009"W	0.00	
317.00†	0.000	104.778	317.00	0.00	0.00	0.00	40°21'53.521"N	104°24'11.009"W	0.00	
417.00†	0.000	104.778	417.00	0.00	0.00	0.00	40°21'53.521"N	104°24'11.009"W	0.00	
517.00†	0.000	104.778	517.00	0.00	0.00	0.00	40°21'53.521"N	104°24'11.009"W	0.00	
617.00†	0.000	104.778	617.00	0.00	0.00	0.00	40°21'53.521"N	104°24'11.009"W	0.00	
717.00†	0.000	104.778	717.00	0.00	0.00	0.00	40°21'53.521"N	104°24'11.009"W	0.00	
817.00†	0.000	104.778	817.00	0.00	0.00	0.00	40°21'53.521"N	104°24'11.009"W	0.00	
917.00†	0.000	104.778	917.00	0.00	0.00	0.00	40°21'53.521"N	104°24'11.009"W	0.00	
1017.00†	0.000	104.778	1017.00	0.00	0.00	0.00	40°21'53.521"N	104°24'11.009"W	0.00	
1117.00†	0.000	104.778	1117.00	0.00	0.00	0.00	40°21'53.521"N	104°24'11.009"W	0.00	
1217.00†	0.000	104.778	1217.00	0.00	0.00	0.00	40°21'53.521"N	104°24'11.009"W	0.00	
1317.00†	0.000	104.778	1317.00	0.00	0.00	0.00	40°21'53.521"N	104°24'11.009"W	0.00	
1417.00†	0.000	104.778	1417.00	0.00	0.00	0.00	40°21'53.521"N	104°24'11.009"W	0.00	
1517.00†	0.000	104.778	1517.00	0.00	0.00	0.00	40°21'53.521"N	104°24'11.009"W	0.00	
1617.00†	0.000	104.778	1617.00	0.00	0.00	0.00	40°21'53.521"N	104°24'11.009"W	0.00	
1717.00†	0.000	104.778	1717.00	0.00	0.00	0.00	40°21'53.521"N	104°24'11.009"W	0.00	
1817.00†	0.000	104.778	1817.00	0.00	0.00	0.00	40°21'53.521"N	104°24'11.009"W	0.00	
1917.00†	0.000	104.778	1917.00	0.00	0.00	0.00	40°21'53.521"N	104°24'11.009"W	0.00	
2000.00	0.000	104.778	2000.00	0.00	0.00	0.00	40°21'53.521"N	104°24'11.009"W	0.00	End of Tangent
2017.00†	0.340	104.778	2017.00	0.02	-0.01	0.05	40°21'53.521"N	104°24'11.008"W	2.00	
2117.00†	2.340	104.778	2116.97	1.06	-0.61	2.31	40°21'53.515"N	104°24'10.979"W	2.00	
2217.00†	4.340	104.778	2216.79	3.64	-2.10	7.94	40°21'53.500"N	104°24'10.906"W	2.00	
2317.00†	6.340	104.778	2316.35	7.77	-4.47	16.94	40°21'53.477"N	104°24'10.790"W	2.00	
2417.00†	8.340	104.778	2415.53	13.43	-7.73	29.29	40°21'53.445"N	104°24'10.630"W	2.00	
2517.00†	10.340	104.778	2514.20	20.63	-11.87	44.99	40°21'53.404"N	104°24'10.428"W	2.00	
2617.00†	12.340	104.778	2612.24	29.34	-16.88	64.00	40°21'53.354"N	104°24'10.182"W	2.00	
2717.00†	14.340	104.778	2709.54	39.57	-22.77	86.31	40°21'53.296"N	104°24'09.894"W	2.00	



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Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

WELLPATH DATA (175 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
2817.00†	16.340	104.778	2805.97	51.30	-29.51	111.88	40°21'53.230"N	104°24'09.563"W	2.00	
2917.00†	18.340	104.778	2901.42	64.51	-37.12	140.70	40°21'53.154"N	104°24'09.191"W	2.00	
3017.00†	20.340	104.778	2995.77	79.19	-45.56	172.72	40°21'53.071"N	104°24'08.777"W	2.00	
3117.00†	22.340	104.778	3088.91	95.32	-54.84	207.91	40°21'52.979"N	104°24'08.323"W	2.00	
3217.00†	24.340	104.778	3180.72	112.89	-64.95	246.21	40°21'52.879"N	104°24'07.828"W	2.00	
3317.00†	26.340	104.778	3271.10	131.86	-75.87	287.59	40°21'52.772"N	104°24'07.293"W	2.00	
3417.00†	28.340	104.778	3359.92	152.22	-87.58	332.00	40°21'52.656"N	104°24'06.720"W	2.00	
3517.00†	30.340	104.778	3447.09	173.94	-100.08	379.37	40°21'52.532"N	104°24'06.108"W	2.00	
3617.00†	32.340	104.778	3532.50	197.00	-113.34	429.66	40°21'52.401"N	104°24'05.458"W	2.00	
3680.03	33.601	104.778	3585.38	212.21	-122.09	462.83	40°21'52.315"N	104°24'05.030"W	2.00	End of Build
3717.00†	33.601	104.778	3616.17	221.28	-127.31	482.61	40°21'52.263"N	104°24'04.774"W	0.00	
3817.00†	33.601	104.778	3699.46	245.81	-141.43	536.12	40°21'52.124"N	104°24'04.083"W	0.00	
3917.00†	33.601	104.778	3782.75	270.34	-155.54	589.63	40°21'51.984"N	104°24'03.392"W	0.00	
4017.00†	33.601	104.778	3866.04	294.88	-169.66	643.14	40°21'51.845"N	104°24'02.700"W	0.00	
4117.00†	33.601	104.778	3949.33	319.41	-183.77	696.65	40°21'51.705"N	104°24'02.009"W	0.00	
4217.00†	33.601	104.778	4032.63	343.95	-197.89	750.16	40°21'51.566"N	104°24'01.318"W	0.00	
4317.00†	33.601	104.778	4115.92	368.48	-212.00	803.67	40°21'51.426"N	104°24'00.627"W	0.00	
4417.00†	33.601	104.778	4199.21	393.01	-226.12	857.18	40°21'51.287"N	104°23'59.935"W	0.00	
4517.00†	33.601	104.778	4282.50	417.55	-240.24	910.69	40°21'51.147"N	104°23'59.244"W	0.00	
4617.00†	33.601	104.778	4365.79	442.08	-254.35	964.20	40°21'51.008"N	104°23'58.553"W	0.00	
4717.00†	33.601	104.778	4449.08	466.62	-268.47	1017.71	40°21'50.868"N	104°23'57.862"W	0.00	
4817.00†	33.601	104.778	4532.37	491.15	-282.58	1071.22	40°21'50.729"N	104°23'57.170"W	0.00	
4917.00†	33.601	104.778	4615.67	515.69	-296.70	1124.73	40°21'50.589"N	104°23'56.479"W	0.00	
5017.00†	33.601	104.778	4698.96	540.22	-310.81	1178.24	40°21'50.450"N	104°23'55.788"W	0.00	
5117.00†	33.601	104.778	4782.25	564.75	-324.93	1231.75	40°21'50.310"N	104°23'55.097"W	0.00	
5217.00†	33.601	104.778	4865.54	589.29	-339.04	1285.26	40°21'50.171"N	104°23'54.405"W	0.00	
5317.00†	33.601	104.778	4948.83	613.82	-353.16	1338.77	40°21'50.031"N	104°23'53.714"W	0.00	
5417.00†	33.601	104.778	5032.12	638.36	-367.28	1392.27	40°21'49.892"N	104°23'53.023"W	0.00	
5517.00†	33.601	104.778	5115.41	662.89	-381.39	1445.78	40°21'49.752"N	104°23'52.331"W	0.00	
5617.00†	33.601	104.778	5198.71	687.42	-395.51	1499.29	40°21'49.612"N	104°23'51.640"W	0.00	



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Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

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MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
5717.00†	33.601	104.778	5282.00	711.96	-409.62	1552.80	40°21'49.473"N	104°23'50.949"W	0.00	
5817.00†	33.601	104.778	5365.29	736.49	-423.74	1606.31	40°21'49.333"N	104°23'50.258"W	0.00	
5917.00†	33.601	104.778	5448.58	761.03	-437.85	1659.82	40°21'49.194"N	104°23'49.567"W	0.00	
6017.00†	33.601	104.778	5531.87	785.56	-451.97	1713.33	40°21'49.054"N	104°23'48.875"W	0.00	
6117.00†	33.601	104.778	5615.16	810.09	-466.08	1766.84	40°21'48.915"N	104°23'48.184"W	0.00	
6217.00†	33.601	104.778	5698.46	834.63	-480.20	1820.35	40°21'48.775"N	104°23'47.493"W	0.00	
6317.00†	33.601	104.778	5781.75	859.16	-494.32	1873.86	40°21'48.636"N	104°23'46.802"W	0.00	
6411.94	33.601	104.778	5860.83	882.46	-507.72	1924.66	40°21'48.503"N	104°23'46.145"W	0.00	End of Tangent
6417.00†	33.712	105.668	5865.04	883.72	-508.45	1927.37	40°21'48.496"N	104°23'46.110"W	10.00	
6517.00†	37.121	121.943	5946.70	917.25	-531.97	1979.83	40°21'48.264"N	104°23'45.433"W	10.00	
6617.00†	42.383	135.284	6023.70	966.35	-571.99	2029.27	40°21'47.868"N	104°23'44.794"W	10.00	
6717.00†	48.890	145.935	6093.69	1029.52	-627.29	2074.20	40°21'47.322"N	104°23'44.214"W	10.00	
6817.00†	56.194	154.558	6154.53	1104.84	-696.19	2113.25	40°21'46.641"N	104°23'43.709"W	10.00	
6917.00†	64.001	161.779	6204.40	1190.02	-776.60	2145.23	40°21'45.846"N	104°23'43.296"W	10.00	
7017.00†	72.121	168.079	6241.76	1282.48	-866.07	2169.17	40°21'44.962"N	104°23'42.987"W	10.00	
7117.00†	80.426	173.820	6265.49	1379.39	-961.89	2184.35	40°21'44.015"N	104°23'42.791"W	10.00	
7217.00†	88.820	179.284	6274.86	1477.83	-1061.14	2190.30	40°21'43.034"N	104°23'42.714"W	10.00	
7231.02	90.000	180.042	6275.00†	1491.59	-1075.17	2190.38	40°21'42.896"N	104°23'42.713"W	10.00	End of 3D Arc (J)
7317.00†	90.000	180.042	6275.00	1575.81	-1161.14	2190.32	40°21'42.046"N	104°23'42.714"W	0.00	
7417.00†	90.000	180.042	6275.00	1673.78	-1261.14	2190.24	40°21'41.058"N	104°23'42.715"W	0.00	
7517.00†	90.000	180.042	6275.00	1771.74	-1361.14	2190.17	40°21'40.070"N	104°23'42.716"W	0.00	
7617.00†	90.000	180.042	6275.00	1869.71	-1461.14	2190.10	40°21'39.082"N	104°23'42.717"W	0.00	
7717.00†	90.000	180.042	6275.00	1967.67	-1561.14	2190.02	40°21'38.093"N	104°23'42.718"W	0.00	
7817.00†	90.000	180.042	6275.00	2065.63	-1661.14	2189.95	40°21'37.105"N	104°23'42.719"W	0.00	
7917.00†	90.000	180.042	6275.00	2163.60	-1761.14	2189.88	40°21'36.117"N	104°23'42.721"W	0.00	
8017.00†	90.000	180.042	6275.00	2261.56	-1861.14	2189.80	40°21'35.129"N	104°23'42.722"W	0.00	
8117.00†	90.000	180.042	6275.00	2359.53	-1961.14	2189.73	40°21'34.141"N	104°23'42.723"W	0.00	
8217.00†	90.000	180.042	6275.00	2457.49	-2061.14	2189.66	40°21'33.153"N	104°23'42.724"W	0.00	
8317.00†	90.000	180.042	6275.00	2555.45	-2161.14	2189.58	40°21'32.164"N	104°23'42.725"W	0.00	
8417.00†	90.000	180.042	6275.00	2653.42	-2261.14	2189.51	40°21'31.176"N	104°23'42.726"W	0.00	



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MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
8517.00†	90.000	180.042	6275.00	2751.38	-2361.14	2189.44	40°21'30.188"N	104°23'42.727"W	0.00	
8617.00†	90.000	180.042	6275.00	2849.35	-2461.14	2189.36	40°21'29.200"N	104°23'42.728"W	0.00	
8717.00†	90.000	180.042	6275.00	2947.31	-2561.14	2189.29	40°21'28.212"N	104°23'42.729"W	0.00	
8817.00†	90.000	180.042	6275.00	3045.28	-2661.14	2189.21	40°21'27.224"N	104°23'42.730"W	0.00	
8917.00†	90.000	180.042	6275.00	3143.24	-2761.14	2189.14	40°21'26.235"N	104°23'42.731"W	0.00	
9017.00†	90.000	180.042	6275.00	3241.20	-2861.14	2189.07	40°21'25.247"N	104°23'42.732"W	0.00	
9117.00†	90.000	180.042	6275.00	3339.17	-2961.14	2188.99	40°21'24.259"N	104°23'42.733"W	0.00	
9217.00†	90.000	180.042	6275.00	3437.13	-3061.14	2188.92	40°21'23.271"N	104°23'42.734"W	0.00	
9317.00†	90.000	180.042	6275.00	3535.10	-3161.14	2188.85	40°21'22.283"N	104°23'42.735"W	0.00	
9417.00†	90.000	180.042	6275.00	3633.06	-3261.14	2188.77	40°21'21.295"N	104°23'42.737"W	0.00	
9517.00†	90.000	180.042	6275.00	3731.02	-3361.14	2188.70	40°21'20.306"N	104°23'42.738"W	0.00	
9617.00†	90.000	180.042	6275.00	3828.99	-3461.14	2188.63	40°21'19.318"N	104°23'42.739"W	0.00	
9717.00†	90.000	180.042	6275.00	3926.95	-3561.14	2188.55	40°21'18.330"N	104°23'42.740"W	0.00	
9817.00†	90.000	180.042	6275.00	4024.92	-3661.14	2188.48	40°21'17.342"N	104°23'42.741"W	0.00	
9917.00†	90.000	180.042	6275.00	4122.88	-3761.14	2188.41	40°21'16.354"N	104°23'42.742"W	0.00	
10017.00†	90.000	180.042	6275.00	4220.85	-3861.14	2188.33	40°21'15.366"N	104°23'42.743"W	0.00	
10117.00†	90.000	180.042	6275.00	4318.81	-3961.14	2188.26	40°21'14.377"N	104°23'42.744"W	0.00	
10217.00†	90.000	180.042	6275.00	4416.77	-4061.14	2188.19	40°21'13.389"N	104°23'42.745"W	0.00	
10317.00†	90.000	180.042	6275.00	4514.74	-4161.14	2188.11	40°21'12.401"N	104°23'42.746"W	0.00	
10417.00†	90.000	180.042	6275.00	4612.70	-4261.14	2188.04	40°21'11.413"N	104°23'42.747"W	0.00	
10517.00†	90.000	180.042	6275.00	4710.67	-4361.14	2187.97	40°21'10.425"N	104°23'42.748"W	0.00	
10617.00†	90.000	180.042	6275.00	4808.63	-4461.14	2187.89	40°21'09.437"N	104°23'42.749"W	0.00	
10717.00†	90.000	180.042	6275.00	4906.59	-4561.14	2187.82	40°21'08.448"N	104°23'42.750"W	0.00	
10817.00†	90.000	180.042	6275.00	5004.56	-4661.14	2187.75	40°21'07.460"N	104°23'42.751"W	0.00	
10917.00†	90.000	180.042	6275.00	5102.52	-4761.14	2187.67	40°21'06.472"N	104°23'42.752"W	0.00	
11017.00†	90.000	180.042	6275.00	5200.49	-4861.14	2187.60	40°21'05.484"N	104°23'42.754"W	0.00	
11117.00†	90.000	180.042	6275.00	5298.45	-4961.14	2187.52	40°21'04.496"N	104°23'42.755"W	0.00	
11217.00†	90.000	180.042	6275.00	5396.42	-5061.14	2187.45	40°21'03.508"N	104°23'42.756"W	0.00	
11317.00†	90.000	180.042	6275.00	5494.38	-5161.14	2187.38	40°21'02.519"N	104°23'42.757"W	0.00	
11417.00†	90.000	180.042	6275.00	5592.34	-5261.14	2187.30	40°21'01.531"N	104°23'42.758"W	0.00	



Planned Wellpath Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

WELLPATH DATA (175 stations) † = interpolated/extrapolated station										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
11517.00†	90.000	180.042	6275.00	5690.31	-5361.14	2187.23	40°21'00.543"N	104°23'42.759"W	0.00	
11617.00†	90.000	180.042	6275.00	5788.27	-5461.14	2187.16	40°20'59.555"N	104°23'42.760"W	0.00	
11717.00†	90.000	180.042	6275.00	5886.24	-5561.14	2187.08	40°20'58.567"N	104°23'42.761"W	0.00	
11817.00†	90.000	180.042	6275.00	5984.20	-5661.14	2187.01	40°20'57.578"N	104°23'42.762"W	0.00	
11917.00†	90.000	180.042	6275.00	6082.16	-5761.14	2186.94	40°20'56.590"N	104°23'42.763"W	0.00	
12017.00†	90.000	180.042	6275.00	6180.13	-5861.14	2186.86	40°20'55.602"N	104°23'42.764"W	0.00	
12117.00†	90.000	180.042	6275.00	6278.09	-5961.14	2186.79	40°20'54.614"N	104°23'42.765"W	0.00	
12217.00†	90.000	180.042	6275.00	6376.06	-6061.14	2186.72	40°20'53.626"N	104°23'42.766"W	0.00	
12317.00†	90.000	180.042	6275.00	6474.02	-6161.14	2186.64	40°20'52.638"N	104°23'42.767"W	0.00	
12417.00†	90.000	180.042	6275.00	6571.99	-6261.14	2186.57	40°20'51.649"N	104°23'42.768"W	0.00	
12517.00†	90.000	180.042	6275.00	6669.95	-6361.14	2186.50	40°20'50.661"N	104°23'42.769"W	0.00	
12617.00†	90.000	180.042	6275.00	6767.91	-6461.14	2186.42	40°20'49.673"N	104°23'42.771"W	0.00	
12717.00†	90.000	180.042	6275.00	6865.88	-6561.14	2186.35	40°20'48.685"N	104°23'42.772"W	0.00	
12817.00†	90.000	180.042	6275.00	6963.84	-6661.14	2186.28	40°20'47.697"N	104°23'42.773"W	0.00	
12917.00†	90.000	180.042	6275.00	7061.81	-6761.14	2186.20	40°20'46.709"N	104°23'42.774"W	0.00	
13017.00†	90.000	180.042	6275.00	7159.77	-6861.14	2186.13	40°20'45.720"N	104°23'42.775"W	0.00	
13117.00†	90.000	180.042	6275.00	7257.73	-6961.14	2186.06	40°20'44.732"N	104°23'42.776"W	0.00	
13217.00†	90.000	180.042	6275.00	7355.70	-7061.14	2185.98	40°20'43.744"N	104°23'42.777"W	0.00	
13317.00†	90.000	180.042	6275.00	7453.66	-7161.14	2185.91	40°20'42.756"N	104°23'42.778"W	0.00	
13417.00†	90.000	180.042	6275.00	7551.63	-7261.14	2185.84	40°20'41.768"N	104°23'42.779"W	0.00	
13517.00†	90.000	180.042	6275.00	7649.59	-7361.14	2185.76	40°20'40.780"N	104°23'42.780"W	0.00	
13617.00†	90.000	180.042	6275.00	7747.56	-7461.14	2185.69	40°20'39.791"N	104°23'42.781"W	0.00	
13717.00†	90.000	180.042	6275.00	7845.52	-7561.14	2185.61	40°20'38.803"N	104°23'42.782"W	0.00	
13817.00†	90.000	180.042	6275.00	7943.48	-7661.14	2185.54	40°20'37.815"N	104°23'42.783"W	0.00	
13917.00†	90.000	180.042	6275.00	8041.45	-7761.14	2185.47	40°20'36.827"N	104°23'42.784"W	0.00	
14017.00†	90.000	180.042	6275.00	8139.41	-7861.14	2185.39	40°20'35.839"N	104°23'42.785"W	0.00	
14117.00†	90.000	180.042	6275.00	8237.38	-7961.14	2185.32	40°20'34.850"N	104°23'42.786"W	0.00	
14217.00†	90.000	180.042	6275.00	8335.34	-8061.14	2185.25	40°20'33.862"N	104°23'42.788"W	0.00	
14317.00†	90.000	180.042	6275.00	8433.30	-8161.14	2185.17	40°20'32.874"N	104°23'42.789"W	0.00	
14417.00†	90.000	180.042	6275.00	8531.27	-8261.14	2185.10	40°20'31.886"N	104°23'42.790"W	0.00	



Planned Wellpath Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

WELLPATH DATA (175 stations) † = interpolated/extrapolated station										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
14517.00†	90.000	180.042	6275.00	8629.23	-8361.14	2185.03	40°20'30.898"N	104°23'42.791"W	0.00	
14617.00†	90.000	180.042	6275.00	8727.20	-8461.14	2184.95	40°20'29.910"N	104°23'42.792"W	0.00	
14717.00†	90.000	180.042	6275.00	8825.16	-8561.14	2184.88	40°20'28.921"N	104°23'42.793"W	0.00	
14817.00†	90.000	180.042	6275.00	8923.13	-8661.14	2184.81	40°20'27.933"N	104°23'42.794"W	0.00	
14917.00†	90.000	180.042	6275.00	9021.09	-8761.14	2184.73	40°20'26.945"N	104°23'42.795"W	0.00	
15017.00†	90.000	180.042	6275.00	9119.05	-8861.14	2184.66	40°20'25.957"N	104°23'42.796"W	0.00	
15117.00†	90.000	180.042	6275.00	9217.02	-8961.14	2184.59	40°20'24.969"N	104°23'42.797"W	0.00	
15217.00†	90.000	180.042	6275.00	9314.98	-9061.14	2184.51	40°20'23.981"N	104°23'42.798"W	0.00	
15317.00†	90.000	180.042	6275.00	9412.95	-9161.14	2184.44	40°20'22.992"N	104°23'42.799"W	0.00	
15417.00†	90.000	180.042	6275.00	9510.91	-9261.14	2184.37	40°20'22.004"N	104°23'42.800"W	0.00	
15517.00†	90.000	180.042	6275.00	9608.87	-9361.14	2184.29	40°20'21.016"N	104°23'42.801"W	0.00	
15617.00†	90.000	180.042	6275.00	9706.84	-9461.14	2184.22	40°20'20.028"N	104°23'42.802"W	0.00	
15717.00†	90.000	180.042	6275.00	9804.80	-9561.14	2184.15	40°20'19.040"N	104°23'42.803"W	0.00	
15817.00†	90.000	180.042	6275.00	9902.77	-9661.14	2184.07	40°20'18.052"N	104°23'42.805"W	0.00	
15917.00†	90.000	180.042	6275.00	10000.73	-9761.14	2184.00	40°20'17.063"N	104°23'42.806"W	0.00	
16017.00†	90.000	180.042	6275.00	10098.70	-9861.14	2183.92	40°20'16.075"N	104°23'42.807"W	0.00	
16117.00†	90.000	180.042	6275.00	10196.66	-9961.14	2183.85	40°20'15.087"N	104°23'42.808"W	0.00	
16217.00†	90.000	180.042	6275.00	10294.62	-10061.14	2183.78	40°20'14.099"N	104°23'42.809"W	0.00	
16317.00†	90.000	180.042	6275.00	10392.59	-10161.14	2183.70	40°20'13.111"N	104°23'42.810"W	0.00	
16417.00†	90.000	180.042	6275.00	10490.55	-10261.14	2183.63	40°20'12.122"N	104°23'42.811"W	0.00	
16517.00†	90.000	180.042	6275.00	10588.52	-10361.14	2183.56	40°20'11.134"N	104°23'42.812"W	0.00	
16617.00†	90.000	180.042	6275.00	10686.48	-10461.14	2183.48	40°20'10.146"N	104°23'42.813"W	0.00	
16717.00†	90.000	180.042	6275.00	10784.44	-10561.14	2183.41	40°20'09.158"N	104°23'42.814"W	0.00	
16817.00†	90.000	180.042	6275.00	10882.41	-10661.14	2183.34	40°20'08.170"N	104°23'42.815"W	0.00	
16849.94	90.000	180.042	6275.00 ²	10914.68	-10694.08	2183.31	40°20'07.844"N	104°23'42.816"W	0.00	End of Tangent (J)



Planned Wellpath Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

HOLE & CASING SECTIONS									
- Ref Wellbore: STATE NORTH PLATTE U41-35-1XRLNB PWB					Ref 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	0.00	0.00	0.00	0.00

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	4102.69	-1534.12	3304075.56	1381735.41	40°22'34.062"N	104°24'30.831"W	polygon
SEC.02-T4N-R63W		-5.00	831.75	-1124.10	3304525.98	1378469.93	40°22'01.740"N	104°24'25.531"W	polygon
SEC.35-T5N-R63W		-5.00	831.75	-1124.10	3304525.98	1378469.93	40°22'01.740"N	104°24'25.531"W	polygon
2) NORTH PLATTE U41-35-1XRLNB BHL (470'FSL & 214'FWL,SEC.1,REV-1)	16849.94	6275.00	-10694.08	2183.31	3307975.57	1366986.40	40°20'07.844"N	104°23'42.816"W	point
1) NORTH PLATTE U41-35-1XRLNB LP (470'FNL & 355'FEL,SEC.35,REV-1)	7231.02	6275.00	-1075.17	2190.38	3307863.65	1376604.24	40°21'42.896"N	104°23'42.713"W	point
SEC.02-T4N-R63W 460'SETBACK		6539.00	831.75	-1124.10	3304525.98	1378469.93	40°22'01.740"N	104°24'25.531"W	polygon
SEC.26-T05N-R63W 460' SETBACK		6539.00	4102.69	-1534.12	3304075.56	1381735.41	40°22'34.062"N	104°24'30.831"W	polygon
SEC.35-T5N-R63W 460'SETBACK		6539.00	831.75	-1124.10	3304525.98	1378469.93	40°22'01.740"N	104°24'25.531"W	polygon



Planned Wellpath Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

SURVEY PROGRAM -				
Ref Wellbore: STATE NORTH PLATTE U41-35-1XRLNB PWB Ref 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	16849.94	BHI AutoTrak Curve (Axial Corr, Short spacing)		STATE NORTH PLATTE U41-35-1XRLNB PWB



Planned Wellpath Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

DESIGN COMMENTS				
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
17.00	0.000	104.778	17.00	Tie On
2000.00	0.000	104.778	2000.00	End of Tangent
3680.03	33.601	104.778	3585.38	End of Build
6411.94	33.601	104.778	5860.83	End of Tangent
7231.02	90.000	180.042	6275.00	End of 3D Arc (J)
16849.94	90.000	180.042	6275.00	End of Tangent (J)



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	Ingmjmr
Scale	0.999959	Report Generated	12/21/2017 at 11:04:52 AM
Convergence at slot	0.71° East	Database/Source file	Denver/STATE_NORTH_PLATTE_U41-35-1XRLNB_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	-4143.24	1658.62	3305660.24	1377652.19	40°21'53.521"N	104°24'11.009"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#32 STATE NORTH PLATTE U41-35-1XRLNB)	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



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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: STATE NORTH PLATTE U41-35-1XRLNB PWB Ref 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	0.00	0.00	0.00	0.00

SURVEY PROGRAM - Ref Wellbore: STATE NORTH PLATTE U41-35-1XRLNB PWB Ref 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	16849.94	BHI AutoTrak Curve (Axial Corr, Short spacing)		STATE NORTH PLATTE U41-35-1XRLNB PWB



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

CALCULATION RANGE & CUTOFF		
From: 17.00ft MD	To: 16849.94ft 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	10643.69	20.33	10643.69	10653.41	0.16	10653.41	FAIL
SEC.26-T5N-R63W	SLOT#26 STATE NORTH PLATTE K-35-36MRLNB	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	80.15	6817.00	6901.69	0.30	6901.69	FAIL
SEC.26-T5N-R63W	SLOT#31 NORTH PLATTE P41-35-2XRLNC	NORTH PLATTE P41-35-2XRLNC	NORTH PLATTE P41-35-2XRLNC pwb	NORTH PLATTE P41-35-2XRLNC (REV-A.0) PWP	17.00	20.40	16849.94	16849.94	0.67	16849.94	FAIL
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	7353.88	473.16	16717.00	16760.54	0.77	16760.54	FAIL
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	8752.27	331.48	8752.27	8688.91	1.23	8688.91	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	7556.87	301.23	7556.87	7484.77	1.25	7484.77	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	16347.00	812.05	16849.94	16696.22	2.09	16817.00	PASS
SEC.26-T5N-R63W	SLOT#30 NORTH PLATTE P-35-2MRLNB	NORTH PLATTE P-35-2MRLNB	NORTH PLATTE P-35-2MRLNB PWB	NORTH PLATTE P-35-2MRLNB (REV-A.0) PWP	17.00	40.44	12017.00	2189.23	2.36	12017.00	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	14904.50	1183.36	16717.00	16849.94	3.09	16849.94	PASS
SEC.26-T5N-R63W	SLOT#29 NORTH PLATTE 31-35-2MRLNC	NORTH PLATTE 31-35-2MRLNC	NORTH PLATTE 31-35-2MRLNC PWB	NORTH PLATTE 31-35-2MRLNC (REV-A.0) PWP	17.00	60.84	12017.00	2142.25	3.57	12017.00	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	15099.50	1497.89	16849.94	16686.61	3.87	16849.94	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	11321.38	948.58	11321.38	11556.71	4.20	11556.71	PASS
SEC.26-T5N-R63W	SLOT#25 NORTH PLATTE K-35-34MRLNB	NORTH PLATTE K-35-34MRLNB	NORTH PLATTE K-35-34MRLNB PWB	NORTH PLATTE K-35-34MRLNB (REV-A.0) PWP	2199.99	82.04	2199.99	2346.80	4.52	2346.80	PASS
SEC.26-T5N-R63W	SLOT#22 STATE NORTH PLATTE F-35-2XRLNC	STATE NORTH PLATTE F-35-2XRLNC	STATE NORTH PLATTE F-35-2XRLNC PWB	NORTH PLATTE F-35-2XRLNC (REV-A.0) PWP	2017.00	1340.85	16849.94	16849.94	4.65	16849.94	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	12452.00	1835.37	16817.00	16824.60	4.81	16824.60	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	4679.50	947.48	7317.00	5230.92	4.99	5230.92	PASS
SEC.26-T5N-R63W	SLOT#28 NORTH PLATTE K31-35-2MRLNB	NORTH PLATTE K31-35-2MRLNB	NORTH PLATTE K31-35-2MRLNB PWB	NORTH PLATTE K31-35-2MRLNB (REV-A.0) PWP	17.00	140.63	12017.00	12012.23	5.13	12012.23	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	2621.52	127.99	2621.52	2664.49	5.18	2664.49	PASS
SEC.26-T5N-R63W	SLOT#21 STATE NORTH PLATTE F11-35-2XRLNB	STATE NORTH PLATTE F11-35-2XRLNB	STATE NORTH PLATTE F11-35-2XRLNB PWB	NORTH PLATTE F11-35-2XRLNB (REV-A.0) PWP	17.00	1360.80	16849.94	16849.94	5.45	16849.94	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	16849.94	2140.04	16849.94	16849.94	5.55	16849.94	PASS
SEC.26-T5N-R63W	SLOT#27 NORTH PLATTE K21-35-2MRLNC	NORTH PLATTE K21-35-2MRLNC	NORTH PLATTE K21-35-2MRLNC PWB	NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP	17.00	120.59	2000.00	12063.76	6.45	12063.76	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	12467.00	2469.61	16617.00	16849.94	6.56	16849.94	PASS
SEC.26-T5N-R63W	SLOT#20 STATE NORTH PLATTE A11-35-2XRLNC	STATE NORTH PLATTE A11-35-2XRLNC	STATE NORTH PLATTE A11-35-2XRLNC PWB	NORTH PLATTE A11-35-2XRLNC (REV-A.0) PWP	17.00	1379.01	2000.00	16849.94	7.07	16849.94	PASS
SEC.26-T5N-R63W	SLOT#23 STATE NORTH PLATTE 21-35-2MRLNB	STATE NORTH PLATTE 21-35-2MRLNB	STATE NORTH PLATTE 21-35-2MRLNB PWB	NORTH PLATTE 21-35-2MRLNB (REV-B.0) PWP	2746.18	1289.46	12017.00	12061.65	7.18	12061.65	PASS
				STATE NORTH PLATTE 24-21-26HNC AWP	2351.61	170.40	2351.61	2442.57	7.43	5917.00	PASS

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#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								



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STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

CALCULATION RANGE & CUTOFF		
From: 17.00ft MD	To: 16849.94ft 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.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	12459.50	2782.23	15617.00	16849.94	7.60	16849.94	PASS
SEC.26-T5N-R63W	SLOT#19 NORTH PLATTE 41-34-2XRLNC	NORTH PLATTE 41-34-2XRLNC	NORTH PLATTE 41-34-2XRLNC PWB	NORTH PLATTE 41-34-2XRLNC (REV-A.0) PWP	17.00	1398.36	1917.00	16849.94	7.64	16849.94	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	11444.50	2884.52	11444.50	12217.00	8.68	12217.00	PASS
SEC.26-T5N-R63W	SLOT#08 STATE NORTH PLATTE O24-K21-26HNB (519'FSL & 2382'FEL,SEC.26)	STATE NORTH PLATTE O24-K21-26HNB	STATE NORTH PLATTE O24-K21-26HNB AWB	STATE NORTH PLATTE O24-K21-26HNB AWP	1803.78	181.88	1803.78	2287.21	8.99	5517.00	PASS
SEC.26-T5N-R63W	SLOT#06 STATE NORTH PLATTE O-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	630.68	216.56	630.68	3063.12	10.45	3063.12	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	17.00	1668.20	7617.00	8067.24	10.79	8067.24	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	1591.24	188.13	1591.24	1943.41	10.88	8117.00	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	9597.00	2907.78	9597.00	10957.65	11.61	10957.65	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	12507.00	4325.07	12507.00	16849.94	11.79	16849.94	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	16764.50	4830.45	16764.50	16849.94	12.64	16849.94	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	5142.00	3089.04	5142.00	6567.05	15.89	6567.05	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	4975.91	3026.70	4975.91	6567.05	15.93	6567.05	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	4872.00	3329.95	4872.00	6567.05	17.23	6567.05	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	4544.50	3896.46	4544.50	6567.06	18.35	6567.06	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	4642.00	3542.22	4642.00	6567.05	18.55	6567.05	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	4789.50	3640.33	4789.50	6567.05	18.64	6567.05	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	4319.50	4105.21	4319.50	8067.13	19.53	8067.13	PASS
SEC.26-T5N-R63W	SLOT#24 STATE NORTH PLATTE J24-F21-26HNC	STATE NORTH PLATTE J24-F21-26HNC	STATE NORTH PLATTE J24-F21-26HNC PWB	STATE NORTH PLATTE J24-F21-26HNC (REV-A.0) PWP	2054.50	1322.44	2054.50	8067.12	20.19	8067.12	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	2079.50	4396.51	2079.50	6566.65	38.22	6566.65	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	779.50	4449.10	779.50	6566.70	44.22	6566.70	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	867.00	4472.69	867.00	6566.73	48.32	6566.73	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	4529.94	17.00	6566.76	52.34	6566.76	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	4511.19	17.00	6566.79	54.15	6566.79	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	554.50	4378.49	554.50	6566.81	55.81	6566.81	PASS



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STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	-4698.24	3586.57	142.64	5910.74	25.40	240.22	PASS
117.00†	117.00	0.00	0.00	99.02	114.02	-4698.01	3586.90	142.64	5910.77	60.20	99.50	PASS
217.00†	217.00	0.00	0.00	271.53	286.51	-4695.96	3588.33	142.62	5910.42	60.22	99.45	PASS
317.00†	317.00	0.00	0.00	339.72	354.69	-4694.92	3588.67	142.61	5909.51	60.26	99.37	PASS
417.00†	417.00	0.00	0.00	463.21	478.17	-4693.09	3589.45	142.59	5908.72	60.20	99.27	PASS
517.00†	517.00	0.00	0.00	750.96	765.80	-4686.04	3587.71	142.56	5906.99	60.27	99.14	PASS
617.00†	617.00	0.00	0.00	945.70	960.30	-4679.35	3580.78	142.58	5902.21	60.34	98.95	PASS
717.00†	717.00	0.00	0.00	1114.54	1128.69	-4673.59	3570.04	142.63	5895.52	60.42	98.69	PASS
817.00†	817.00	0.00	0.00	1205.44	1219.23	-4671.58	3562.23	142.67	5888.54	60.54	98.38	PASS
917.00†	917.00	0.00	0.00	1352.43	1365.38	-4670.64	3546.62	142.79	5881.70	60.67	98.06	PASS
1017.00†	1017.00	0.00	0.00	1517.08	1528.86	-4668.73	3527.11	142.93	5873.63	60.81	97.70	PASS
1117.00†	1117.00	0.00	0.00	2375.16	2368.57	-4627.47	3364.41	143.98	5856.55	60.72	97.56	PASS
1217.00†	1217.00	0.00	0.00	2439.72	2430.45	-4624.14	3346.27	144.11	5835.47	61.01	96.74	PASS
1317.00†	1317.00	0.00	0.00	2712.00	2689.68	-4610.82	3264.21	144.70	5813.69	61.34	95.85	PASS
1417.00†	1417.00	0.00	0.00	2764.60	2739.43	-4608.08	3247.34	144.83	5790.37	61.70	94.91	PASS
1517.00†	1517.00	0.00	0.00	2796.48	2769.70	-4606.60	3237.41	144.90	5768.09	62.05	93.99	PASS
1617.00†	1617.00	0.00	0.00	2828.60	2800.29	-4605.30	3227.74	144.97	5746.94	61.94	93.22	PASS
1717.00†	1717.00	0.00	0.00	2922.18	2889.76	-4601.65	3200.56	145.18	5726.62	62.19	92.52	PASS
1817.00†	1817.00	0.00	0.00	2975.93	2941.26	-4599.28	3185.34	145.29	5706.46	62.42	91.84	PASS
1917.00†	1917.00	0.00	0.00	3021.40	2984.99	-4597.35	3173.04	145.39	5687.22	62.66	91.19	PASS
2000.00	2000.00	0.00	0.00	3099.14	3059.96	-4594.03	3152.75	145.54	5671.73	62.89	90.59	PASS
2017.00†	2017.00	-0.01	0.05	3117.11	3077.30	-4593.22	3148.10	40.84	5668.51	62.95	90.47	PASS
2117.00†	2116.97	-0.61	2.31	3266.23	3220.98	-4586.12	3108.83	41.44	5647.67	63.32	89.60	PASS
2217.00†	2216.79	-2.10	7.94	3716.71	3645.83	-4561.42	2962.40	43.14	5617.69	64.33	87.72	PASS
2317.00†	2316.35	-4.47	16.94	3755.30	3681.71	-4559.51	2948.33	43.74	5586.20	64.75	86.66	PASS
2417.00†	2415.53	-7.73	29.29	3814.36	3736.93	-4556.63	2927.55	44.46	5553.25	65.22	85.52	PASS
2517.00†	2514.20	-11.87	44.99	3912.05	3828.57	-4551.25	2894.16	45.39	5518.28	65.80	84.24	PASS
2617.00†	2612.24	-16.88	64.00	4006.97	3917.95	-4544.80	2862.88	46.37	5480.94	66.38	82.93	PASS
2717.00†	2709.54	-22.77	86.31	4205.14	4104.68	-4528.51	2798.60	47.92	5441.02	67.22	81.29	PASS
2817.00†	2805.97	-29.51	111.88	4284.20	4178.73	-4521.67	2771.73	49.04	5398.03	67.86	79.88	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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
2917.00†	2901.42	-37.12	140.70	4342.10	4233.02	-4516.74	2752.25	50.12	5353.54	68.49	78.49	PASS
3017.00†	2995.77	-45.56	172.72	4369.95	4259.23	-4514.44	2743.10	51.08	5307.92	69.08	77.16	PASS
3117.00†	3088.91	-54.84	207.91	4397.55	4285.31	-4512.26	2734.32	52.07	5261.44	69.73	75.77	PASS
3217.00†	3180.72	-64.95	246.21	4424.89	4311.24	-4510.21	2725.93	53.11	5214.15	70.44	74.33	PASS
3317.00†	3271.10	-75.87	287.59	4479.82	4363.49	-4506.29	2709.45	54.38	5165.98	71.30	72.74	PASS
3417.00†	3359.92	-87.58	332.00	4544.85	4425.32	-4501.83	2689.79	55.80	5116.63	72.31	71.04	PASS
3517.00†	3447.09	-100.08	379.37	4608.71	4486.06	-4497.48	2670.55	57.29	5066.17	73.45	69.25	PASS
3617.00†	3532.50	-113.34	429.66	4655.18	4530.32	-4494.28	2656.76	58.71	5014.81	74.68	67.41	PASS
3680.03	3585.38	-122.09	462.83	4681.85	4555.79	-4492.44	2649.06	59.60	4982.09	75.54	66.21	PASS
3717.00†	3616.17	-127.31	482.61	4697.47	4570.73	-4491.36	2644.62	59.74	4962.90	76.06	65.49	PASS
3817.00†	3699.46	-141.43	536.12	4737.15	4608.73	-4488.64	2633.54	60.10	4911.64	77.57	63.56	PASS
3917.00†	3782.75	-155.54	589.63	4775.25	4645.26	-4486.19	2623.02	60.45	4861.39	79.20	61.61	PASS
4017.00†	3866.04	-169.66	643.14	4812.40	4680.92	-4483.97	2612.85	60.78	4812.18	80.93	59.67	PASS
4117.00†	3949.33	-183.77	696.65	4842.71	4710.09	-4482.28	2604.76	61.06	4764.11	82.75	57.77	PASS
4217.00†	4032.63	-197.89	750.16	4873.75	4740.04	-4480.65	2596.76	61.35	4717.25	84.67	55.90	PASS
4317.00†	4115.92	-212.00	803.67	4904.92	4770.20	-4479.13	2589.03	61.63	4671.62	86.68	54.07	PASS
4417.00†	4199.21	-226.12	857.18	4931.90	4796.38	-4477.91	2582.67	61.87	4627.27	88.75	52.30	PASS
4517.00†	4282.50	-240.24	910.69	4959.74	4823.50	-4476.74	2576.50	62.12	4584.28	90.91	50.59	PASS
4617.00†	4365.79	-254.35	964.20	4988.48	4851.60	-4475.64	2570.54	62.38	4542.64	93.13	48.93	PASS
4717.00†	4449.08	-268.47	1017.71	5018.48	4881.02	-4474.60	2564.77	62.64	4502.39	95.42	47.33	PASS
4817.00†	4532.37	-282.58	1071.22	5049.59	4911.63	-4473.62	2559.28	62.91	4463.52	97.76	45.79	PASS
4917.00†	4615.67	-296.70	1124.73	5081.72	4943.34	-4472.74	2554.15	63.18	4426.05	100.16	44.31	PASS
5017.00†	4698.96	-310.81	1178.24	5119.84	4981.06	-4471.81	2548.74	63.50	4389.96	102.62	42.90	PASS
5117.00†	4782.25	-324.93	1231.75	5160.70	5021.60	-4470.89	2543.72	63.84	4355.17	105.12	41.54	PASS
5217.00†	4865.54	-339.04	1285.26	5205.57	5066.21	-4469.97	2539.07	64.20	4321.68	107.66	40.25	PASS
5317.00†	4948.83	-353.16	1338.77	5254.57	5115.01	-4469.11	2534.67	64.59	4289.39	110.25	39.01	PASS
5417.00†	5032.12	-367.28	1392.27	5303.48	5163.77	-4468.43	2530.84	64.98	4258.30	112.87	37.82	PASS
5517.00†	5115.41	-381.39	1445.78	5351.84	5211.98	-4468.08	2527.17	65.36	4228.45	115.52	36.69	PASS
5617.00†	5198.71	-395.51	1499.29	5415.20	5275.18	-4467.98	2522.60	65.87	4199.76	118.25	35.60	PASS
5717.00†	5282.00	-409.62	1552.80	5483.25	5343.10	-4467.80	2518.48	66.41	4171.94	121.01	34.56	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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
5817.00†	5365.29	-423.74	1606.31	5539.54	5399.31	-4467.81	2515.58	66.85	4145.17	123.76	33.57	PASS
5917.00†	5448.58	-437.85	1659.82	5666.11	5525.72	-4467.47	2509.17	67.86	4118.87	126.69	32.58	PASS
6017.00†	5531.87	-451.97	1713.33	5710.24	5569.81	-4467.24	2507.19	68.21	4093.17	129.48	31.68	PASS
6117.00†	5615.16	-466.08	1766.84	5757.99	5617.54	-4467.30	2505.76	68.58	4068.87	132.30	30.82	PASS
6217.00†	5698.46	-480.20	1820.35	5815.35	5674.88	-4467.66	2504.63	69.02	4045.81	135.13	30.00	PASS
6317.00†	5781.75	-494.32	1873.86	5887.54	5747.06	-4468.22	2503.87	69.58	4023.68	137.99	29.22	PASS
6411.94	5860.83	-507.72	1924.66	6317.01	6147.90	-4470.90	2378.43	74.24	3999.39	144.39	27.75	PASS
6417.00†	5865.04	-508.45	1927.37	6317.44	6148.24	-4470.90	2378.16	73.50	3998.05	144.55	27.71	PASS
6517.00†	5946.70	-531.97	1979.83	6325.74	6154.73	-4471.05	2373.00	60.10	3964.11	147.60	26.91	PASS
6617.00†	6023.70	-571.99	2029.27	6334.25	6161.33	-4471.26	2367.62	49.61	3916.34	150.55	26.06	PASS
6717.00†	6093.69	-627.29	2074.20	6342.26	6167.45	-4471.51	2362.45	41.76	3855.72	152.97	25.25	PASS
6817.00†	6154.53	-696.19	2113.25	6349.02	6172.55	-4471.76	2358.03	35.83	3783.54	154.83	24.48	PASS
6917.00†	6204.40	-776.60	2145.23	6354.60	6176.71	-4471.99	2354.32	31.01	3701.41	156.19	23.74	PASS
7017.00†	6241.76	-866.07	2169.17	6359.06	6180.01	-4472.19	2351.32	26.16	3611.25	157.09	23.03	PASS
7117.00†	6265.49	-961.89	2184.35	6367.09	6185.88	-4472.57	2345.86	18.18	3515.30	157.71	22.33	PASS
7217.00†	6274.86	-1061.14	2190.30	6373.35	6190.41	-4472.88	2341.55	-35.07	3416.13	157.95	21.67	PASS
7231.02	6275.00	-1075.17	2190.38	6373.96	6190.85	-4472.91	2341.13	-61.23	3402.12	157.95	21.58	PASS
7317.00†	6275.00	-1161.14	2190.32	6377.50	6193.39	-4473.08	2338.67	-61.58	3316.26	157.93	21.04	PASS
7417.00†	6275.00	-1261.14	2190.24	6381.68	6196.37	-4473.28	2335.75	-62.00	3216.40	157.90	20.41	PASS
7517.00†	6275.00	-1361.14	2190.17	6385.91	6199.36	-4473.49	2332.76	-62.43	3116.53	157.87	19.78	PASS
7617.00†	6275.00	-1461.14	2190.10	6390.20	6202.38	-4473.71	2329.72	-62.89	3016.67	157.83	19.15	PASS
7717.00†	6275.00	-1561.14	2190.02	6392.69	6204.12	-4473.83	2327.94	-63.16	2916.81	157.74	18.52	PASS
7817.00†	6275.00	-1661.14	2189.95	6394.84	6205.61	-4473.94	2326.40	-63.39	2816.96	157.64	17.90	PASS
7917.00†	6275.00	-1761.14	2189.88	6397.09	6207.17	-4474.06	2324.78	-63.64	2717.12	157.53	17.28	PASS
8017.00†	6275.00	-1861.14	2189.80	6399.45	6208.79	-4474.19	2323.07	-63.91	2617.28	157.42	16.66	PASS
8117.00†	6275.00	-1961.14	2189.73	6401.92	6210.48	-4474.32	2321.28	-64.19	2517.45	157.29	16.03	PASS
8217.00†	6275.00	-2061.14	2189.66	6404.50	6212.24	-4474.47	2319.38	-64.49	2417.63	157.17	15.41	PASS
8317.00†	6275.00	-2161.14	2189.58	6407.22	6214.07	-4474.62	2317.39	-64.80	2317.81	157.03	14.79	PASS
8417.00†	6275.00	-2261.14	2189.51	6410.07	6215.98	-4474.79	2315.28	-65.14	2218.01	156.89	14.16	PASS
8517.00†	6275.00	-2361.14	2189.44	6413.07	6217.98	-4474.98	2313.04	-65.51	2118.21	156.74	13.54	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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
8617.00†	6275.00	-2461.14	2189.36	6416.23	6220.06	-4475.17	2310.68	-65.90	2018.43	156.58	12.91	PASS
8717.00†	6275.00	-2561.14	2189.29	6419.56	6222.24	-4475.39	2308.17	-66.32	1918.66	156.41	12.29	PASS
8817.00†	6275.00	-2661.14	2189.21	6423.08	6224.52	-4475.62	2305.50	-66.77	1818.90	156.23	11.66	PASS
8917.00†	6275.00	-2761.14	2189.14	6426.74	6226.87	-4475.87	2302.71	-67.26	1719.15	156.04	11.04	PASS
9017.00†	6275.00	-2861.14	2189.07	6430.62	6229.34	-4476.14	2299.73	-67.79	1619.42	155.83	10.41	PASS
9117.00†	6275.00	-2961.14	2188.99	6434.73	6231.92	-4476.43	2296.54	-68.38	1519.71	155.61	9.78	PASS
9217.00†	6275.00	-3061.14	2188.92	6439.11	6234.64	-4476.76	2293.12	-69.02	1420.02	155.38	9.15	PASS
9317.00†	6275.00	-3161.14	2188.85	6443.77	6237.50	-4477.11	2289.46	-69.74	1320.34	155.12	8.53	PASS
9417.00†	6275.00	-3261.14	2188.77	6448.74	6240.51	-4477.51	2285.52	-70.54	1220.69	154.84	7.90	PASS
9517.00†	6275.00	-3361.14	2188.70	6454.06	6243.68	-4477.94	2281.26	-71.46	1121.07	154.53	7.27	PASS
9617.00†	6275.00	-3461.14	2188.63	6459.98	6247.14	-4478.44	2276.49	-72.55	1021.47	154.23	6.63	PASS
9717.00†	6275.00	-3561.14	2188.55	6466.30	6250.77	-4478.99	2271.35	-73.81	921.90	153.89	6.00	PASS
9817.00†	6275.00	-3661.14	2188.48	6473.07	6254.57	-4479.60	2265.78	-75.30	822.36	153.51	5.37	PASS
9917.00†	6275.00	-3761.14	2188.41	6480.32	6258.55	-4480.28	2259.75	-77.11	722.86	153.07	4.73	PASS
10017.00†	6275.00	-3861.14	2188.33	6488.73	6263.04	-4481.10	2252.69	-79.54	623.40	152.67	4.09	PASS
10117.00†	6275.00	-3961.14	2188.26	6498.42	6268.06	-4482.05	2244.46	-83.01	523.98	152.32	3.44	PASS
10217.00†	6275.00	-4061.14	2188.19	6508.34	6273.04	-4483.04	2235.94	-87.66	424.59	151.83	2.80	PASS
10317.00†	6275.00	-4161.14	2188.11	6518.32	6277.88	-4484.04	2227.27	-94.18	325.28	151.02	2.16	PASS
10417.00†	6275.00	-4261.14	2188.04	6527.93	6282.39	-4485.04	2218.84	-103.42	226.13	149.27	1.52	PASS
10517.00†	6275.00	-4361.14	2187.97	6538.40	6287.12	-4486.17	2209.57	-119.18	127.46	145.06	0.88	FAIL
10617.00†	6275.00	-4461.14	2187.89	6549.87	6292.09	-4487.47	2199.32	-146.20	33.41	112.42	0.30	FAIL
10643.69†	6275.00	-4487.83	2187.87	6553.07	6293.44	-4487.84	2196.44	-155.08	20.33	107.67	0.19	FAIL
10653.41†	6275.00	-4497.56	2187.87	6554.23	6293.93	-4487.97	2195.39	-158.33	22.51	135.80	0.16	FAIL
10717.00†	6275.00	-4561.14	2187.82	6561.64	6296.96	-4488.80	2188.68	-177.89	75.60	161.55	0.47	FAIL
10817.00†	6275.00	-4661.14	2187.75	6572.80	6301.34	-4490.03	2178.49	160.41	173.37	158.20	1.10	PASS
10917.00†	6275.00	-4761.14	2187.67	6582.98	6305.14	-4491.12	2169.12	148.11	272.33	157.21	1.73	PASS
11017.00†	6275.00	-4861.14	2187.60	6591.70	6308.25	-4492.00	2161.01	141.07	371.59	157.10	2.37	PASS
11117.00†	6275.00	-4961.14	2187.52	6599.52	6310.90	-4492.75	2153.70	136.42	470.98	157.22	3.00	PASS
11217.00†	6275.00	-5061.14	2187.45	6606.55	6313.19	-4493.39	2147.08	133.12	570.46	157.44	3.63	PASS
11317.00†	6275.00	-5161.14	2187.38	6612.83	6315.16	-4493.93	2141.14	130.68	670.01	157.72	4.25	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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
11417.00†	6275.00	-5261.14	2187.30	6618.45	6316.87	-4494.40	2135.81	128.81	769.61	158.02	4.88	PASS
11517.00†	6275.00	-5361.14	2187.23	6623.55	6318.38	-4494.80	2130.95	127.31	869.26	158.32	5.50	PASS
11617.00†	6275.00	-5461.14	2187.16	6628.22	6319.73	-4495.14	2126.49	126.08	968.93	158.61	6.12	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

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
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	3.000ft
		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	-2863.89	2186.58	-2862.58	2187.36
7in Casing Intermediate	12.00	6740.00	6728.00	22.00	6337.89	-2863.89	2186.58	-2803.65	1708.28

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



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

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



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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: 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	-80.15	0.00	180.00	80.15	1.40	132.24	PASS
117.00†	117.00	0.00	0.00	117.00	117.00	-80.15	0.00	180.00	80.15	2.02	65.08	PASS
217.00†	217.00	0.00	0.00	217.00	217.00	-80.15	0.00	180.00	80.15	3.00	36.08	PASS
317.00†	317.00	0.00	0.00	317.00	317.00	-80.15	0.00	180.00	80.15	4.02	24.63	PASS
417.00†	417.00	0.00	0.00	417.00	417.00	-80.15	0.00	180.00	80.15	5.06	18.64	PASS
517.00†	517.00	0.00	0.00	516.60	516.60	-80.19	-0.02	-179.98	80.19	6.10	15.00	PASS
617.00†	617.00	0.00	0.00	614.17	614.14	-82.12	-1.14	-179.21	82.18	7.22	12.68	PASS
717.00†	717.00	0.00	0.00	711.48	711.29	-86.91	-3.90	-177.43	87.18	8.54	11.17	PASS
817.00†	817.00	0.00	0.00	810.06	809.52	-94.12	-8.07	-175.10	94.76	9.63	10.65	PASS
917.00†	917.00	0.00	0.00	909.68	908.76	-101.64	-12.41	-173.04	102.73	10.64	10.37	PASS
1017.00†	1017.00	0.00	0.00	1009.30	1008.00	-109.16	-16.75	-171.28	110.80	11.66	10.13	PASS
1117.00†	1117.00	0.00	0.00	1108.92	1107.24	-116.68	-21.09	-169.75	118.97	12.68	9.95	PASS
1217.00†	1217.00	0.00	0.00	1208.54	1206.48	-124.20	-25.43	-168.43	127.21	13.71	9.80	PASS
1317.00†	1317.00	0.00	0.00	1308.16	1305.72	-131.72	-29.77	-167.26	135.51	14.73	9.67	PASS
1417.00†	1417.00	0.00	0.00	1407.78	1404.96	-139.24	-34.12	-166.23	143.86	15.77	9.56	PASS
1517.00†	1517.00	0.00	0.00	1507.40	1504.20	-146.76	-38.46	-165.32	152.25	16.80	9.47	PASS
1617.00†	1617.00	0.00	0.00	1607.02	1603.44	-154.28	-42.80	-164.50	160.68	16.55	9.71	PASS
1717.00†	1717.00	0.00	0.00	1706.64	1702.68	-161.80	-47.14	-163.76	169.13	16.64	10.17	PASS
1817.00†	1817.00	0.00	0.00	1806.26	1801.92	-169.31	-51.48	-163.09	177.61	16.77	10.59	PASS
1917.00†	1917.00	0.00	0.00	1905.88	1901.16	-176.83	-55.82	-162.48	186.11	16.96	10.97	PASS
2000.00	2000.00	0.00	0.00	1988.56	1983.53	-183.07	-59.42	-162.02	193.18	17.17	11.25	PASS
2017.00†	2017.00	-0.01	0.05	2005.49	2000.40	-184.35	-60.16	93.28	194.63	17.22	11.30	PASS
2117.00†	2116.97	-0.61	2.31	2105.03	2099.55	-191.87	-64.50	94.27	203.34	17.53	11.60	PASS
2217.00†	2216.79	-2.10	7.94	2204.34	2198.49	-199.36	-68.83	96.10	212.47	17.90	11.87	PASS
2317.00†	2316.35	-4.47	16.94	2303.31	2297.08	-206.83	-73.14	98.62	222.34	18.33	12.13	PASS
2417.00†	2415.53	-7.73	29.29	2401.81	2395.21	-214.27	-77.43	101.71	233.37	18.84	12.39	PASS
2517.00†	2514.20	-11.87	44.99	2499.74	2492.76	-221.66	-81.70	105.23	246.01	19.44	12.65	PASS
2617.00†	2612.24	-16.88	64.00	2596.96	2589.61	-229.00	-85.94	109.03	260.74	20.15	12.94	PASS
2717.00†	2709.54	-22.77	86.31	2693.36	2685.64	-236.27	-90.14	112.98	278.01	20.96	13.26	PASS
2817.00†	2805.97	-29.51	111.88	2788.82	2780.74	-243.48	-94.30	116.94	298.21	21.88	13.63	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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: 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
2917.00†	2901.42	-37.12	140.70	2883.22	2874.79	-250.60	-98.41	120.80	321.65	22.90	14.04	PASS
3017.00†	2995.77	-45.56	172.72	2976.46	2967.67	-257.64	-102.47	124.48	348.57	24.01	14.52	PASS
3117.00†	3088.91	-54.84	207.91	3068.41	3059.27	-264.58	-106.48	127.92	379.09	25.18	15.06	PASS
3217.00†	3180.72	-64.95	246.21	3158.96	3149.48	-271.42	-110.43	131.08	413.28	26.40	15.66	PASS
3317.00†	3271.10	-75.87	287.59	3248.01	3238.19	-278.14	-114.31	133.96	451.13	27.64	16.32	PASS
3417.00†	3359.92	-87.58	332.00	3335.45	3325.30	-284.74	-118.12	136.54	492.62	28.91	17.04	PASS
3517.00†	3447.09	-100.08	379.37	3421.17	3410.68	-291.21	-121.85	138.85	537.67	30.19	17.81	PASS
3617.00†	3532.50	-113.34	429.66	3505.06	3494.26	-297.54	-125.51	140.90	586.18	31.48	18.62	PASS
3680.03	3585.38	-122.09	462.83	3548.79	3537.80	-300.89	-127.66	141.81	618.80	32.21	19.21	PASS
3717.00†	3616.17	-127.31	482.61	3573.28	3562.17	-302.82	-129.15	142.57	638.73	32.62	19.58	PASS
3817.00†	3699.46	-141.43	536.12	3638.09	3626.58	-308.14	-134.07	144.40	694.45	33.66	20.63	PASS
3917.00†	3782.75	-155.54	589.63	3700.84	3688.79	-313.57	-140.20	145.98	752.63	34.71	21.68	PASS
4017.00†	3866.04	-169.66	643.14	3761.54	3748.81	-319.07	-147.40	147.35	813.03	35.68	22.79	PASS
4117.00†	3949.33	-183.77	696.65	3820.26	3806.69	-324.63	-155.55	148.52	875.46	36.60	23.92	PASS
4217.00†	4032.63	-197.89	750.16	3877.03	3862.47	-330.23	-164.54	149.54	939.75	37.48	25.07	PASS
4317.00†	4115.92	-212.00	803.67	3931.92	3916.20	-335.84	-174.26	150.43	1005.77	38.33	26.24	PASS
4417.00†	4199.21	-226.12	857.18	3984.98	3967.93	-341.45	-184.62	151.21	1073.37	39.13	27.43	PASS
4517.00†	4282.50	-240.24	910.69	4036.26	4017.72	-347.04	-195.52	151.89	1142.46	39.90	28.63	PASS
4617.00†	4365.79	-254.35	964.20	4085.82	4065.64	-352.61	-206.90	152.50	1212.93	40.64	29.84	PASS
4717.00†	4449.08	-268.47	1017.71	4154.32	4131.70	-360.42	-223.21	153.25	1284.16	41.67	30.82	PASS
4817.00†	4532.37	-282.58	1071.22	4223.51	4198.44	-368.31	-239.70	153.93	1355.49	42.71	31.74	PASS
4917.00†	4615.67	-296.70	1124.73	4292.71	4265.18	-376.21	-256.18	154.54	1426.91	43.76	32.61	PASS
5017.00†	4698.96	-310.81	1178.24	4361.90	4331.92	-384.10	-272.67	155.10	1498.40	44.81	33.44	PASS
5117.00†	4782.25	-324.93	1231.75	4431.19	4398.81	-392.07	-289.14	155.77	1570.89	45.86	34.32	PASS
5217.00†	4865.54	-339.04	1285.26	4500.48	4465.90	-400.04	-306.61	156.44	1643.38	46.91	35.20	PASS
5317.00†	4948.83	-353.16	1338.77	4569.77	4533.81	-408.01	-323.08	157.11	1715.86	47.96	36.08	PASS
5417.00†	5032.12	-367.28	1392.27	4639.06	4598.00	-416.08	-340.55	157.78	1788.34	49.01	36.96	PASS
5517.00†	5115.41	-381.39	1445.78	4708.35	4666.09	-424.15	-358.02	158.45	1860.82	50.06	37.84	PASS
5617.00†	5198.71	-395.51	1499.29	4777.64	4733.38	-432.22	-375.49	159.12	1933.30	51.11	38.72	PASS
5717.00†	5282.00	-409.62	1552.80	4846.93	4798.00	-440.29	-392.96	159.79	2005.78	52.16	39.60	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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: 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
5817.00†	5365.29	-423.74	1606.31	8325.13	6285.00	-615.13	1606.30	158.44	939.41	118.32	7.94	PASS
5917.00†	5448.58	-437.85	1659.82	8378.64	6285.00	-615.13	1659.81	158.04	855.00	123.14	6.94	PASS
6017.00†	5531.87	-451.97	1713.33	8432.15	6285.00	-615.14	1713.32	157.57	770.60	128.45	6.00	PASS
6117.00†	5615.16	-466.08	1766.84	8485.66	6285.00	-615.14	1766.83	156.97	686.22	134.44	5.10	PASS
6217.00†	5698.46	-480.20	1820.35	8539.17	6285.00	-615.14	1820.34	156.21	601.87	141.36	4.26	PASS
6317.00†	5781.75	-494.32	1873.86	8592.68	6285.00	-615.14	1873.86	155.20	517.55	149.74	3.46	PASS
6411.94	5860.83	-507.72	1924.66	8643.49	6285.00	-615.15	1924.66	153.89	437.57	159.76	2.74	PASS
6417.00†	5865.04	-508.45	1927.37	8646.19	6285.00	-615.15	1927.36	153.84	433.31	160.35	2.70	PASS
6517.00†	5946.70	-531.97	1979.83	8698.65	6285.00	-615.15	1979.82	157.34	348.37	159.76	2.18	PASS
6617.00†	6023.70	-571.99	2029.27	8748.10	6285.00	-615.15	2029.27	168.81	264.84	120.52	2.20	PASS
6717.00†	6093.69	-627.29	2074.20	8793.03	6285.00	-615.15	2074.20	-177.42	191.70	75.62	2.54	PASS
6817.00†	6154.53	-696.19	2113.25	8832.08	6285.00	-615.16	2113.26	-166.86	153.58	352.67	0.44	FAIL
6901.69†	6197.54	-763.63	2140.84	8859.67	6285.00	-615.16	2140.84	-160.96	172.32	572.76	0.30	FAIL
6917.00†	6204.40	-776.60	2145.23	8864.07	6285.00	-615.16	2145.24	-160.13	180.44	595.23	0.30	FAIL
7017.00†	6241.76	-866.07	2169.17	8888.02	6285.00	-615.16	2169.19	-156.02	254.61	659.89	0.39	FAIL
7117.00†	6265.49	-961.89	2184.35	8903.20	6285.00	-615.16	2184.37	-154.00	347.28	671.90	0.52	FAIL
7217.00†	6274.86	-1061.14	2190.30	8909.15	6285.00	-615.16	2190.32	-163.85	446.10	674.15	0.66	FAIL
7231.02	6275.00	-1075.17	2190.38	8909.23	6285.00	-615.16	2190.40	178.19	460.12	674.18	0.68	FAIL
7317.00†	6275.00	-1161.14	2190.32	8909.17	6285.00	-615.16	2190.34	177.85	546.08	674.21	0.81	FAIL
7417.00†	6275.00	-1261.14	2190.24	8909.10	6285.00	-615.16	2190.27	177.46	646.06	674.22	0.96	FAIL
7517.00†	6275.00	-1361.14	2190.17	8909.03	6285.00	-615.16	2190.20	177.06	746.05	674.22	1.11	PASS
7617.00†	6275.00	-1461.14	2190.10	8908.97	6285.00	-615.16	2190.14	176.67	846.04	674.22	1.25	PASS
7717.00†	6275.00	-1561.14	2190.02	8908.90	6285.00	-615.16	2190.07	176.28	946.04	674.22	1.40	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



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	-48.86	0.00	-70.14	-12.29

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



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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: 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	-20.40	0.00	-180.00	20.40	1.40	32.67	PASS
117.00†	117.00	0.00	0.00	117.00	117.00	-20.40	0.00	-180.00	20.40	2.02	16.07	PASS
217.00†	217.00	0.00	0.00	217.00	217.00	-20.40	0.00	-180.00	20.40	3.00	8.91	PASS
317.00†	317.00	0.00	0.00	317.00	317.00	-20.40	0.00	-180.00	20.40	4.02	6.08	PASS
417.00†	417.00	0.00	0.00	417.00	417.00	-20.40	0.00	-180.00	20.40	5.06	4.60	PASS
517.00†	517.00	0.00	0.00	517.00	517.00	-20.40	0.00	-180.00	20.40	6.10	3.70	PASS
617.00†	617.00	0.00	0.00	617.00	617.00	-20.40	0.00	-180.00	20.40	7.14	3.09	PASS
717.00†	717.00	0.00	0.00	717.00	717.00	-20.40	0.00	-180.00	20.40	8.18	2.66	PASS
817.00†	817.00	0.00	0.00	817.00	817.00	-20.40	0.00	-180.00	20.40	9.23	2.33	PASS
917.00†	917.00	0.00	0.00	917.00	917.00	-20.40	0.00	-180.00	20.40	10.27	2.07	PASS
1017.00†	1017.00	0.00	0.00	1017.00	1017.00	-20.40	0.00	-180.00	20.40	11.32	1.86	PASS
1117.00†	1117.00	0.00	0.00	1117.00	1117.00	-20.40	0.00	-180.00	20.40	12.36	1.70	PASS
1217.00†	1217.00	0.00	0.00	1217.00	1217.00	-20.40	0.00	-180.00	20.40	13.41	1.55	PASS
1317.00†	1317.00	0.00	0.00	1317.00	1317.00	-20.40	0.00	-180.00	20.40	14.46	1.44	PASS
1417.00†	1417.00	0.00	0.00	1417.00	1417.00	-20.40	0.00	-180.00	20.40	15.50	1.33	PASS
1517.00†	1517.00	0.00	0.00	1517.00	1517.00	-20.40	0.00	-180.00	20.40	16.55	1.24	PASS
1617.00†	1617.00	0.00	0.00	1617.00	1617.00	-20.40	0.00	-180.00	20.40	16.27	1.25	PASS
1717.00†	1717.00	0.00	0.00	1717.00	1717.00	-20.40	0.00	-180.00	20.40	16.33	1.25	PASS
1817.00†	1817.00	0.00	0.00	1817.00	1817.00	-20.40	0.00	-180.00	20.40	16.46	1.24	PASS
1917.00†	1917.00	0.00	0.00	1917.00	1917.00	-20.40	0.00	-180.00	20.40	16.65	1.23	PASS
2000.00	2000.00	0.00	0.00	2000.00	2000.00	-20.40	0.00	-180.00	20.40	16.85	1.21	PASS
2017.00†	2017.00	-0.01	0.05	2016.96	2016.96	-20.42	0.05	75.22	20.40	16.90	1.21	PASS
2117.00†	2116.97	-0.61	2.31	2116.74	2116.71	-21.14	2.26	75.34	20.53	17.22	1.19	PASS
2217.00†	2216.79	-2.10	7.94	2216.52	2216.32	-22.94	7.78	75.63	20.85	17.62	1.18	PASS
2317.00†	2316.35	-4.47	16.94	2316.30	2315.66	-25.81	16.58	76.06	21.36	18.08	1.18	PASS
2417.00†	2415.53	-7.73	29.29	2416.08	2414.62	-29.76	28.67	76.63	22.06	18.63	1.18	PASS
2517.00†	2514.20	-11.87	44.99	2515.85	2513.07	-34.77	44.03	77.30	22.95	19.29	1.19	PASS
2617.00†	2612.24	-16.88	64.00	2615.63	2610.90	-40.84	62.64	78.05	24.03	20.07	1.20	PASS
2717.00†	2709.54	-22.77	86.31	2715.40	2707.99	-47.96	84.48	78.83	25.31	21.02	1.20	PASS
2817.00†	2805.97	-29.51	111.88	2815.17	2804.21	-56.13	109.52	79.65	26.78	22.17	1.21	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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: 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
2917.00†	2901.42	-37.12	140.70	2914.94	2899.46	-65.33	137.72	80.46	28.44	23.57	1.21	PASS
3017.00†	2995.77	-45.56	172.72	3014.70	2993.62	-75.56	169.06	81.25	30.29	25.24	1.20	PASS
3117.00†	3088.91	-54.84	207.91	3114.47	3086.57	-86.79	203.50	82.02	32.33	27.22	1.19	PASS
3217.00†	3180.72	-64.95	246.21	3214.23	3178.20	-99.02	240.99	82.75	34.56	29.55	1.17	PASS
3317.00†	3271.10	-75.87	287.59	3314.02	3268.46	-112.22	281.45	83.54	36.96	32.25	1.15	PASS
3417.00†	3359.92	-87.58	332.00	3413.95	3358.37	-125.75	322.92	87.70	39.26	35.36	1.11	PASS
3517.00†	3447.09	-100.08	379.37	3513.73	3448.14	-139.25	364.32	96.11	41.98	38.67	1.09	PASS
3617.00†	3532.50	-113.34	429.66	3613.23	3537.67	-152.72	405.61	107.49	46.44	41.50	1.12	PASS
3680.03	3585.38	-122.09	462.83	3675.76	3593.92	-161.19	431.55	115.27	50.79	42.70	1.19	PASS
3717.00†	3616.17	-127.31	482.61	3712.38	3626.87	-166.15	446.75	119.62	53.93	43.18	1.25	PASS
3817.00†	3699.46	-141.43	536.12	3811.43	3715.99	-179.55	487.85	129.07	63.69	44.15	1.44	PASS
3917.00†	3782.75	-155.54	589.63	3910.48	3805.11	-192.96	528.95	135.89	74.71	44.96	1.66	PASS
4017.00†	3866.04	-169.66	643.14	4009.54	3894.23	-206.37	570.06	140.91	86.51	45.78	1.89	PASS
4117.00†	3949.33	-183.77	696.65	4108.59	3983.35	-219.78	611.16	144.72	98.80	46.69	2.12	PASS
4217.00†	4032.63	-197.89	750.16	4207.64	4072.47	-233.19	652.26	147.67	111.43	47.68	2.34	PASS
4317.00†	4115.92	-212.00	803.67	4306.70	4161.58	-246.60	693.36	150.02	124.30	48.76	2.55	PASS
4417.00†	4199.21	-226.12	857.18	4405.75	4250.70	-260.01	734.47	151.93	137.33	49.91	2.75	PASS
4517.00†	4282.50	-240.24	910.69	4504.80	4339.82	-273.42	775.57	153.50	150.48	51.12	2.94	PASS
4617.00†	4365.79	-254.35	964.20	4603.86	4428.94	-286.83	816.67	154.82	163.73	52.39	3.13	PASS
4717.00†	4449.08	-268.47	1017.71	4702.91	4518.06	-300.24	857.77	155.95	177.05	53.69	3.30	PASS
4817.00†	4532.37	-282.58	1071.22	4801.96	4607.18	-313.65	898.88	156.91	190.43	55.04	3.46	PASS
4917.00†	4615.67	-296.70	1124.73	4901.02	4696.30	-327.05	939.98	157.75	203.85	56.41	3.61	PASS
5017.00†	4698.96	-310.81	1178.24	5000.07	4785.42	-340.46	981.08	158.49	217.31	57.82	3.76	PASS
5117.00†	4782.25	-324.93	1231.75	5099.13	4874.54	-353.87	1022.18	159.14	230.81	59.24	3.90	PASS
5217.00†	4865.54	-339.04	1285.26	5198.18	4963.66	-367.28	1063.29	159.72	244.33	60.69	4.03	PASS
5317.00†	4948.83	-353.16	1338.77	5297.23	5052.78	-380.69	1104.39	160.23	257.87	62.16	4.15	PASS
5417.00†	5032.12	-367.28	1392.27	5396.29	5141.90	-394.10	1145.49	160.70	271.43	63.65	4.26	PASS
5517.00†	5115.41	-381.39	1445.78	5495.34	5231.02	-407.51	1186.59	161.12	285.00	65.15	4.37	PASS
5617.00†	5198.71	-395.51	1499.29	5594.39	5320.14	-420.92	1227.70	161.50	298.59	66.66	4.48	PASS
5717.00†	5282.00	-409.62	1552.80	5693.45	5409.26	-434.33	1268.80	161.85	312.19	68.18	4.58	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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: 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
5817.00†	5365.29	-423.74	1606.31	5792.50	5498.38	-447.74	1309.90	162.17	325.81	69.72	4.67	PASS
5917.00†	5448.58	-437.85	1659.82	5891.55	5587.50	-461.15	1351.00	162.47	339.43	71.26	4.76	PASS
6017.00†	5531.87	-451.97	1713.33	5990.61	5676.62	-474.55	1392.11	162.74	353.06	72.82	4.85	PASS
6117.00†	5615.16	-466.08	1766.84	6089.66	5765.74	-487.96	1433.21	162.99	366.69	74.38	4.93	PASS
6217.00†	5698.46	-480.20	1820.35	6188.71	5854.86	-501.37	1474.31	163.23	380.34	75.95	5.01	PASS
6317.00†	5781.75	-494.32	1873.86	6286.09	5942.20	-516.40	1514.60	163.17	394.08	77.95	5.06	PASS
6411.94	5860.83	-507.72	1924.66	6374.77	6019.17	-542.08	1550.15	161.37	408.07	83.53	4.89	PASS
6417.00†	5865.04	-508.45	1927.37	6379.36	6023.05	-543.76	1551.94	160.41	408.86	83.46	4.90	PASS
6517.00†	5946.70	-531.97	1979.83	6468.72	6095.74	-583.18	1585.56	143.05	424.59	89.08	4.77	PASS
6617.00†	6023.70	-571.99	2029.27	6555.74	6160.33	-633.08	1615.49	129.22	440.02	94.71	4.65	PASS
6717.00†	6093.69	-627.29	2074.20	6640.88	6216.18	-691.78	1641.42	118.76	454.39	99.23	4.58	PASS
6817.00†	6154.53	-696.19	2113.25	6724.57	6262.77	-757.74	1663.11	111.05	467.05	102.42	4.56	PASS
6917.00†	6204.40	-776.60	2145.23	6807.15	6299.70	-829.48	1680.37	105.54	477.47	104.30	4.58	PASS
7017.00†	6241.76	-866.07	2169.17	6888.94	6326.67	-905.56	1693.05	101.81	485.24	105.11	4.62	PASS
7117.00†	6265.49	-961.89	2184.35	6970.19	6343.46	-984.58	1701.06	99.61	490.07	105.16	4.66	PASS
7217.00†	6274.86	-1061.14	2190.30	7051.16	6349.92	-1065.16	1704.31	98.78	491.77	104.82	4.69	PASS
7231.02	6275.00	-1075.17	2190.38	7062.83	6350.00	-1076.83	1704.39	98.77	491.75	104.83	4.69	PASS
7317.00†	6275.00	-1161.14	2190.32	7148.80	6350.00	-1162.80	1704.68	98.78	491.40	108.47	4.53	PASS
7417.00†	6275.00	-1261.14	2190.24	7248.80	6350.00	-1262.80	1705.02	98.79	490.99	112.96	4.35	PASS
7517.00†	6275.00	-1361.14	2190.17	7348.80	6350.00	-1362.80	1705.36	98.79	490.58	117.64	4.17	PASS
7617.00†	6275.00	-1461.14	2190.10	7448.80	6350.00	-1462.80	1705.71	98.80	490.16	122.46	4.00	PASS
7717.00†	6275.00	-1561.14	2190.02	7548.80	6350.00	-1562.80	1706.05	98.81	489.75	127.41	3.84	PASS
7817.00†	6275.00	-1661.14	2189.95	7648.80	6350.00	-1662.80	1706.39	98.82	489.34	132.48	3.69	PASS
7917.00†	6275.00	-1761.14	2189.88	7748.80	6350.00	-1762.80	1706.73	98.82	488.93	137.65	3.55	PASS
8017.00†	6275.00	-1861.14	2189.80	7848.80	6350.00	-1862.79	1707.07	98.83	488.52	141.20	3.46	PASS
8117.00†	6275.00	-1961.14	2189.73	7948.79	6350.00	-1962.79	1707.42	98.84	488.11	148.24	3.29	PASS
8217.00†	6275.00	-2061.14	2189.66	8048.79	6350.00	-2062.79	1707.76	98.85	487.70	153.65	3.17	PASS
8317.00†	6275.00	-2161.14	2189.58	8148.79	6350.00	-2162.79	1708.10	98.85	487.29	159.13	3.06	PASS
8417.00†	6275.00	-2261.14	2189.51	8248.79	6350.00	-2262.79	1708.44	98.86	486.88	164.66	2.96	PASS
8517.00†	6275.00	-2361.14	2189.44	8348.79	6350.00	-2362.79	1708.79	98.87	486.47	170.25	2.86	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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: 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
8617.00†	6275.00	-2461.14	2189.36	8448.79	6350.00	-2462.79	1709.13	98.88	486.06	175.88	2.76	PASS
8717.00†	6275.00	-2561.14	2189.29	8548.79	6350.00	-2562.78	1709.47	98.88	485.65	181.56	2.67	PASS
8817.00†	6275.00	-2661.14	2189.21	8648.79	6350.00	-2662.78	1709.81	98.89	485.24	187.27	2.59	PASS
8917.00†	6275.00	-2761.14	2189.14	8748.79	6350.00	-2762.78	1710.15	98.90	484.83	193.03	2.51	PASS
9017.00†	6275.00	-2861.14	2189.07	8848.79	6350.00	-2862.78	1710.50	98.91	484.42	198.81	2.44	PASS
9117.00†	6275.00	-2961.14	2188.99	8948.79	6350.00	-2962.78	1710.84	98.91	484.00	204.63	2.37	PASS
9217.00†	6275.00	-3061.14	2188.92	9048.79	6350.00	-3062.78	1711.18	98.92	483.59	210.47	2.30	PASS
9317.00†	6275.00	-3161.14	2188.85	9148.78	6350.00	-3162.78	1711.52	98.93	483.18	216.33	2.23	PASS
9417.00†	6275.00	-3261.14	2188.77	9248.78	6350.00	-3262.77	1711.87	98.94	482.77	222.22	2.17	PASS
9517.00†	6275.00	-3361.14	2188.70	9348.78	6350.00	-3362.77	1712.21	98.95	482.36	228.13	2.11	PASS
9617.00†	6275.00	-3461.14	2188.63	9448.78	6350.00	-3462.77	1712.55	98.95	481.95	234.06	2.06	PASS
9717.00†	6275.00	-3561.14	2188.55	9548.78	6350.00	-3562.77	1712.89	98.96	481.54	240.01	2.01	PASS
9817.00†	6275.00	-3661.14	2188.48	9648.78	6350.00	-3662.77	1713.23	98.97	481.13	245.98	1.96	PASS
9917.00†	6275.00	-3761.14	2188.41	9748.78	6350.00	-3762.77	1713.58	98.98	480.72	251.96	1.91	PASS
10017.00†	6275.00	-3861.14	2188.33	9848.78	6350.00	-3862.76	1713.92	98.98	480.31	257.95	1.86	PASS
10117.00†	6275.00	-3961.14	2188.26	9948.78	6350.00	-3962.76	1714.26	98.99	479.90	263.96	1.82	PASS
10217.00†	6275.00	-4061.14	2188.19	10048.78	6350.00	-4062.76	1714.60	99.00	479.49	269.99	1.78	PASS
10317.00†	6275.00	-4161.14	2188.11	10148.78	6350.00	-4162.76	1714.94	99.01	479.08	276.02	1.74	PASS
10417.00†	6275.00	-4261.14	2188.04	10248.77	6350.00	-4262.76	1715.29	99.02	478.67	282.06	1.70	PASS
10517.00†	6275.00	-4361.14	2187.97	10348.77	6350.00	-4362.76	1715.63	99.02	478.26	288.12	1.66	PASS
10617.00†	6275.00	-4461.14	2187.89	10448.77	6350.00	-4462.76	1715.97	99.03	477.85	294.18	1.62	PASS
10717.00†	6275.00	-4561.14	2187.82	10548.77	6350.00	-4562.75	1716.31	99.04	477.44	300.26	1.59	PASS
10817.00†	6275.00	-4661.14	2187.75	10648.77	6350.00	-4662.75	1716.66	99.05	477.03	306.34	1.56	PASS
10917.00†	6275.00	-4761.14	2187.67	10748.77	6350.00	-4762.75	1717.00	99.05	476.62	312.43	1.53	PASS
11017.00†	6275.00	-4861.14	2187.60	10848.77	6350.00	-4862.75	1717.34	99.06	476.20	318.52	1.50	PASS
11117.00†	6275.00	-4961.14	2187.52	10948.77	6350.00	-4962.75	1717.68	99.07	475.79	324.63	1.47	PASS
11217.00†	6275.00	-5061.14	2187.45	11048.77	6350.00	-5062.75	1718.02	99.08	475.38	330.74	1.44	PASS
11317.00†	6275.00	-5161.14	2187.38	11148.77	6350.00	-5162.75	1718.37	99.09	474.97	336.86	1.41	PASS
11417.00†	6275.00	-5261.14	2187.30	11248.77	6350.00	-5262.74	1718.71	99.09	474.56	342.98	1.38	PASS
11517.00†	6275.00	-5361.14	2187.23	11348.77	6350.00	-5362.74	1719.05	99.10	474.15	349.11	1.36	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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: 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
11617.00†	6275.00	-5461.14	2187.16	11448.76	6350.00	-5462.74	1719.39	99.11	473.74	355.24	1.33	PASS
11717.00†	6275.00	-5561.14	2187.08	11548.76	6350.00	-5562.74	1719.73	99.12	473.33	361.38	1.31	PASS
11817.00†	6275.00	-5661.14	2187.01	11648.76	6350.00	-5662.74	1720.08	99.13	472.92	367.52	1.29	PASS
11917.00†	6275.00	-5761.14	2186.94	11748.76	6350.00	-5762.74	1720.42	99.13	472.51	373.67	1.26	PASS
12017.00†	6275.00	-5861.14	2186.86	11848.76	6350.00	-5862.74	1720.76	99.14	472.10	379.82	1.24	PASS
12117.00†	6275.00	-5961.14	2186.79	11948.76	6350.00	-5962.73	1721.10	99.15	471.69	385.98	1.22	PASS
12217.00†	6275.00	-6061.14	2186.72	12048.76	6350.00	-6062.73	1721.45	99.16	471.28	392.14	1.20	PASS
12317.00†	6275.00	-6161.14	2186.64	12148.76	6350.00	-6162.73	1721.79	99.17	470.87	398.31	1.18	PASS
12417.00†	6275.00	-6261.14	2186.57	12248.76	6350.00	-6262.73	1722.13	99.17	470.46	404.47	1.16	PASS
12517.00†	6275.00	-6361.14	2186.50	12348.76	6350.00	-6362.73	1722.47	99.18	470.05	410.64	1.14	PASS
12617.00†	6275.00	-6461.14	2186.42	12448.76	6350.00	-6462.73	1722.81	99.19	469.64	416.82	1.13	PASS
12717.00†	6275.00	-6561.14	2186.35	12548.75	6350.00	-6562.73	1723.16	99.20	469.23	422.99	1.11	PASS
12817.00†	6275.00	-6661.14	2186.28	12648.75	6350.00	-6662.72	1723.50	99.21	468.82	429.17	1.09	PASS
12917.00†	6275.00	-6761.14	2186.20	12748.75	6350.00	-6762.72	1723.84	99.21	468.41	435.36	1.08	PASS
13017.00†	6275.00	-6861.14	2186.13	12848.75	6350.00	-6862.72	1724.18	99.22	468.00	441.54	1.06	PASS
13117.00†	6275.00	-6961.14	2186.06	12948.75	6350.00	-6962.72	1724.53	99.23	467.59	447.73	1.04	PASS
13217.00†	6275.00	-7061.14	2185.98	13048.75	6350.00	-7062.72	1724.87	99.24	467.18	453.92	1.03	PASS
13317.00†	6275.00	-7161.14	2185.91	13148.75	6350.00	-7162.72	1725.21	99.25	466.77	460.11	1.01	PASS
13417.00†	6275.00	-7261.14	2185.84	13248.75	6350.00	-7262.72	1725.55	99.26	466.36	466.31	1.00	PASS
13517.00†	6275.00	-7361.14	2185.76	13348.75	6350.00	-7362.71	1725.89	99.26	465.95	472.50	0.99	FAIL
13617.00†	6275.00	-7461.14	2185.69	13448.75	6350.00	-7462.71	1726.24	99.27	465.54	478.70	0.97	FAIL
13717.00†	6275.00	-7561.14	2185.61	13548.75	6350.00	-7562.71	1726.58	99.28	465.13	484.90	0.96	FAIL
13817.00†	6275.00	-7661.14	2185.54	13648.75	6350.00	-7662.71	1726.92	99.29	464.72	491.10	0.95	FAIL
13917.00†	6275.00	-7761.14	2185.47	13748.74	6350.00	-7762.71	1727.26	99.30	464.31	497.31	0.93	FAIL
14017.00†	6275.00	-7861.14	2185.39	13848.74	6350.00	-7862.71	1727.60	99.30	463.90	503.51	0.92	FAIL
14117.00†	6275.00	-7961.14	2185.32	13948.74	6350.00	-7962.71	1727.95	99.31	463.49	509.72	0.91	FAIL
14217.00†	6275.00	-8061.14	2185.25	14048.74	6350.00	-8062.70	1728.29	99.32	463.08	515.93	0.90	FAIL
14317.00†	6275.00	-8161.14	2185.17	14148.74	6350.00	-8162.70	1728.63	99.33	462.66	522.14	0.89	FAIL
14417.00†	6275.00	-8261.14	2185.10	14248.74	6350.00	-8262.70	1728.97	99.34	462.25	528.35	0.87	FAIL
14517.00†	6275.00	-8361.14	2185.03	14348.74	6350.00	-8362.70	1729.32	99.35	461.84	534.56	0.86	FAIL

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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: 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
14617.00†	6275.00	-8461.14	2184.95	14448.74	6350.00	-8462.70	1729.66	99.35	461.43	540.77	0.85	FAIL
14717.00†	6275.00	-8561.14	2184.88	14548.74	6350.00	-8562.70	1730.00	99.36	461.02	546.99	0.84	FAIL
14817.00†	6275.00	-8661.14	2184.81	14648.74	6350.00	-8662.70	1730.34	99.37	460.61	553.21	0.83	FAIL
14917.00†	6275.00	-8761.14	2184.73	14748.74	6350.00	-8762.69	1730.68	99.38	460.20	559.42	0.82	FAIL
15017.00†	6275.00	-8861.14	2184.66	14848.74	6350.00	-8862.69	1731.03	99.39	459.79	565.64	0.81	FAIL
15117.00†	6275.00	-8961.14	2184.59	14948.73	6350.00	-8962.69	1731.37	99.40	459.38	571.86	0.80	FAIL
15217.00†	6275.00	-9061.14	2184.51	15048.73	6350.00	-9062.69	1731.71	99.41	458.97	578.08	0.79	FAIL
15317.00†	6275.00	-9161.14	2184.44	15148.73	6350.00	-9162.69	1732.05	99.41	458.56	584.30	0.78	FAIL
15417.00†	6275.00	-9261.14	2184.37	15248.73	6350.00	-9262.69	1732.39	99.42	458.15	590.52	0.78	FAIL
15517.00†	6275.00	-9361.14	2184.29	15348.73	6350.00	-9362.69	1732.74	99.43	457.74	596.75	0.77	FAIL
15617.00†	6275.00	-9461.14	2184.22	15448.73	6350.00	-9462.68	1733.08	99.44	457.33	602.97	0.76	FAIL
15717.00†	6275.00	-9561.14	2184.15	15548.73	6350.00	-9562.68	1733.42	99.45	456.92	609.20	0.75	FAIL
15817.00†	6275.00	-9661.14	2184.07	15648.73	6350.00	-9662.68	1733.76	99.46	456.51	615.42	0.74	FAIL
15917.00†	6275.00	-9761.14	2184.00	15748.73	6350.00	-9762.68	1734.11	99.47	456.10	621.65	0.73	FAIL
16017.00†	6275.00	-9861.14	2183.92	15848.73	6350.00	-9862.68	1734.45	99.47	455.69	627.87	0.73	FAIL
16117.00†	6275.00	-9961.14	2183.85	15948.73	6350.00	-9962.68	1734.79	99.48	455.28	634.10	0.72	FAIL
16217.00†	6275.00	-10061.14	2183.78	16048.72	6350.00	-10062.68	1735.13	99.49	454.87	640.33	0.71	FAIL
16317.00†	6275.00	-10161.14	2183.70	16148.72	6350.00	-10162.67	1735.47	99.50	454.46	646.56	0.70	FAIL
16417.00†	6275.00	-10261.14	2183.63	16248.72	6350.00	-10262.67	1735.82	99.51	454.05	652.79	0.70	FAIL
16517.00†	6275.00	-10361.14	2183.56	16348.72	6350.00	-10362.67	1736.16	99.52	453.64	659.02	0.69	FAIL
16617.00†	6275.00	-10461.14	2183.48	16448.72	6350.00	-10462.67	1736.50	99.53	453.23	665.25	0.68	FAIL
16717.00†	6275.00	-10561.14	2183.41	16548.72	6350.00	-10562.67	1736.84	99.53	452.82	671.48	0.67	FAIL
16817.00†	6275.00	-10661.14	2183.34	16648.72	6350.00	-10662.67	1737.19	99.54	452.41	677.71	0.67	FAIL
16849.94	6275.00	-10694.08	2183.31	16681.66	6350.00	-10695.61	1737.30	99.55	452.28	679.76	0.67	FAIL

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	-12.44	0.00	-12.44	0.00

SURVEY PROGRAM - Offset Wellbore: 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	16736.11	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



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	-942.28	3059.32	107.12	3201.15	25.40	130.09	PASS
117.00†	117.00	0.00	0.00	105.33	112.33	-942.26	3059.39	107.12	3201.21	50.04	65.00	PASS
217.00†	217.00	0.00	0.00	200.30	207.30	-942.20	3059.64	107.12	3201.44	50.09	64.93	PASS
317.00†	317.00	0.00	0.00	295.27	302.27	-942.09	3060.05	107.11	3201.82	50.15	64.86	PASS
417.00†	417.00	0.00	0.00	390.24	397.24	-941.93	3060.63	107.11	3202.36	50.23	64.78	PASS
517.00†	517.00	0.00	0.00	485.21	492.21	-941.74	3061.38	107.10	3203.05	50.20	64.69	PASS
617.00†	617.00	0.00	0.00	582.70	589.68	-941.48	3062.31	107.09	3203.88	50.32	64.55	PASS
717.00†	717.00	0.00	0.00	682.24	689.23	-941.18	3063.30	107.08	3204.74	50.47	64.37	PASS
817.00†	817.00	0.00	0.00	784.67	791.65	-940.82	3064.31	107.07	3205.59	50.64	64.16	PASS
917.00†	917.00	0.00	0.00	888.71	895.68	-940.48	3065.21	107.06	3206.32	50.83	63.93	PASS
1017.00†	1017.00	0.00	0.00	983.66	990.63	-940.18	3066.01	107.05	3207.03	51.04	63.68	PASS
1117.00†	1117.00	0.00	0.00	1722.31	1725.16	-926.40	3008.61	107.11	3206.22	51.63	62.93	PASS
1217.00†	1217.00	0.00	0.00	1806.18	1807.41	-926.00	2992.18	107.20	3187.35	51.96	62.16	PASS
1317.00†	1317.00	0.00	0.00	1892.10	1891.77	-925.59	2975.94	107.28	3169.12	52.29	61.41	PASS
1417.00†	1417.00	0.00	0.00	2002.78	2000.41	-925.86	2954.74	107.40	3150.88	52.63	60.66	PASS
1517.00†	1517.00	0.00	0.00	2072.02	2068.33	-926.27	2941.33	107.48	3132.63	53.00	59.87	PASS
1617.00†	1617.00	0.00	0.00	2125.04	2120.51	-926.38	2931.92	107.54	3115.75	52.91	59.21	PASS
1717.00†	1717.00	0.00	0.00	2233.07	2226.93	-926.52	2913.30	107.64	3099.32	53.17	58.61	PASS
1817.00†	1817.00	0.00	0.00	2296.73	2289.67	-926.85	2902.60	107.71	3083.43	53.42	58.03	PASS
1917.00†	1917.00	0.00	0.00	2382.59	2374.41	-927.76	2888.80	107.81	3068.41	53.70	57.45	PASS
2000.00	2000.00	0.00	0.00	2466.15	2456.87	-929.16	2875.30	107.91	3056.04	53.95	56.95	PASS
2017.00†	2017.00	-0.01	0.05	2483.80	2474.28	-929.50	2872.42	3.16	3053.45	54.00	56.85	PASS
2117.00†	2116.97	-0.61	2.31	2572.44	2561.74	-930.96	2858.13	3.29	3036.29	54.33	56.19	PASS
2217.00†	2216.79	-2.10	7.94	2680.34	2668.30	-931.73	2841.19	3.44	3015.85	54.72	55.40	PASS
2317.00†	2316.35	-4.47	16.94	2771.89	2758.69	-932.30	2826.66	3.58	2991.83	55.13	54.55	PASS
2417.00†	2415.53	-7.73	29.29	2855.51	2841.28	-933.05	2813.59	3.72	2964.76	55.54	53.66	PASS
2517.00†	2514.20	-11.87	44.99	2942.35	2927.08	-934.18	2800.24	3.89	2934.71	55.97	52.70	PASS
2617.00†	2612.24	-16.88	64.00	3067.09	3050.25	-936.04	2780.63	4.15	2901.17	56.46	51.65	PASS
2717.00†	2709.54	-22.77	86.31	3192.30	3173.69	-936.67	2759.64	4.41	2863.11	56.96	50.52	PASS
2817.00†	2805.97	-29.51	111.88	3283.68	3263.75	-935.62	2744.23	4.62	2821.32	57.43	49.37	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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
2917.00†	2901.42	-37.12	140.70	3350.94	3330.10	-934.59	2733.22	4.80	2776.76	57.89	48.20	PASS
3017.00†	2995.77	-45.56	172.72	3397.82	3376.43	-934.32	2726.03	4.97	2730.23	58.34	47.03	PASS
3117.00†	3088.91	-54.84	207.91	3445.03	3423.15	-934.63	2719.34	5.16	2681.98	58.79	45.84	PASS
3217.00†	3180.72	-64.95	246.21	3492.95	3470.66	-935.50	2713.08	5.38	2631.98	59.30	44.60	PASS
3317.00†	3271.10	-75.87	287.59	3538.34	3515.70	-936.80	2707.67	5.62	2580.27	59.74	43.40	PASS
3417.00†	3359.92	-87.58	332.00	3580.12	3557.26	-937.92	2703.44	5.87	2527.00	60.21	42.17	PASS
3517.00†	3447.09	-100.08	379.37	3622.83	3599.81	-938.85	2699.95	6.12	2472.23	60.67	40.94	PASS
3617.00†	3532.50	-113.34	429.66	3668.35	3645.23	-939.59	2697.05	6.39	2415.88	61.14	39.70	PASS
3680.03	3585.38	-122.09	462.83	3697.01	3673.86	-939.93	2695.65	6.56	2379.53	61.45	38.90	PASS
3717.00†	3616.17	-127.31	482.61	3715.11	3691.94	-940.08	2694.93	6.61	2358.11	61.62	38.45	PASS
3817.00†	3699.46	-141.43	536.12	3768.58	3745.39	-940.15	2693.42	6.73	2300.87	62.09	37.23	PASS
3917.00†	3782.75	-155.54	589.63	3830.05	3806.85	-939.60	2692.70	6.85	2244.60	62.59	36.02	PASS
4017.00†	3866.04	-169.66	643.14	3901.69	3878.49	-939.12	2692.25	6.98	2188.85	63.15	34.82	PASS
4117.00†	3949.33	-183.77	696.65	3973.80	3950.59	-938.99	2692.06	7.14	2133.54	63.72	33.63	PASS
4217.00†	4032.63	-197.89	750.16	4064.40	4041.20	-939.06	2691.89	7.35	2078.40	64.35	32.44	PASS
4317.00†	4115.92	-212.00	803.67	4160.00	4136.79	-938.90	2691.22	7.58	2022.78	65.00	31.25	PASS
4417.00†	4199.21	-226.12	857.18	4245.32	4222.10	-938.55	2690.30	7.80	1966.83	65.65	30.09	PASS
4517.00†	4282.50	-240.24	910.69	4327.88	4304.66	-938.11	2689.44	8.02	1910.89	66.33	28.93	PASS
4617.00†	4365.79	-254.35	964.20	4414.43	4391.21	-937.53	2688.54	8.27	1854.93	67.03	27.79	PASS
4717.00†	4449.08	-268.47	1017.71	4504.93	4481.69	-936.81	2687.28	8.54	1798.67	67.75	26.66	PASS
4817.00†	4532.37	-282.58	1071.22	4592.90	4569.65	-936.02	2685.69	8.82	1742.10	68.49	25.54	PASS
4917.00†	4615.67	-296.70	1124.73	4677.32	4654.04	-935.30	2683.97	9.11	1685.39	69.26	24.43	PASS
5017.00†	4698.96	-310.81	1178.24	4761.50	4738.21	-934.68	2682.09	9.43	1628.60	70.04	23.34	PASS
5117.00†	4782.25	-324.93	1231.75	4845.26	4821.93	-933.74	2680.25	9.76	1571.74	70.85	22.27	PASS
5217.00†	4865.54	-339.04	1285.26	4928.99	4905.63	-932.20	2678.55	10.09	1514.83	71.68	21.22	PASS
5317.00†	4948.83	-353.16	1338.77	5015.33	4991.93	-930.06	2676.84	10.43	1457.78	72.52	20.18	PASS
5417.00†	5032.12	-367.28	1392.27	5076.95	5053.53	-928.53	2675.82	10.69	1401.05	73.43	19.15	PASS
5517.00†	5115.41	-381.39	1445.78	5132.43	5108.99	-927.95	2675.77	10.95	1345.97	74.32	18.18	PASS
5617.00†	5198.71	-395.51	1499.29	5213.09	5189.65	-927.64	2676.43	11.37	1291.85	75.37	17.20	PASS
5717.00†	5282.00	-409.62	1552.80	5294.02	5270.58	-927.26	2677.32	11.81	1237.99	76.28	16.29	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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
5817.00†	5365.29	-423.74	1606.31	5378.09	5354.64	-926.78	2678.42	12.31	1184.31	77.34	15.37	PASS
5917.00†	5448.58	-437.85	1659.82	5463.54	5440.08	-926.16	2679.50	12.85	1130.60	78.44	14.46	PASS
6017.00†	5531.87	-451.97	1713.33	5549.65	5526.18	-925.40	2680.50	13.45	1076.84	79.60	13.57	PASS
6117.00†	5615.16	-466.08	1766.84	5633.30	5609.83	-924.60	2681.29	14.09	1022.98	80.83	12.70	PASS
6217.00†	5698.46	-480.20	1820.35	5709.03	5685.55	-924.65	2681.96	14.79	969.57	82.20	11.83	PASS
6317.00†	5781.75	-494.32	1873.86	5767.99	5744.43	-927.49	2682.16	15.56	917.81	83.83	10.98	PASS
6411.94	5860.83	-507.72	1924.66	5821.27	5797.37	-933.45	2682.34	16.53	871.40	85.64	10.21	PASS
6417.00†	5865.04	-508.45	1927.37	5824.20	5800.26	-933.88	2682.34	15.61	869.00	85.75	10.17	PASS
6517.00†	5946.70	-531.97	1979.83	5882.30	5857.42	-944.31	2682.40	-1.78	819.51	87.38	9.41	PASS
6617.00†	6023.70	-571.99	2029.27	5954.68	5927.58	-962.01	2681.64	-17.27	766.12	88.44	8.69	PASS
6717.00†	6093.69	-627.29	2074.20	6026.48	5995.99	-983.63	2679.34	-31.59	709.02	88.54	8.03	PASS
6817.00†	6154.53	-696.19	2113.25	6091.36	6056.75	-1006.18	2676.45	-45.29	650.26	87.55	7.45	PASS
6917.00†	6204.40	-776.60	2145.23	6139.88	6100.89	-1026.19	2674.35	-57.60	594.12	85.74	6.95	PASS
7017.00†	6241.76	-866.07	2169.17	6188.21	6142.34	-1050.90	2672.33	-68.16	545.17	85.14	6.42	PASS
7117.00†	6265.49	-961.89	2184.35	6247.01	6187.65	-1088.11	2669.02	-77.21	506.85	87.52	5.81	PASS
7217.00†	6274.86	-1061.14	2190.30	6302.66	6224.11	-1129.91	2665.30	-83.71	482.63	93.39	5.18	PASS
7231.02	6275.00	-1075.17	2190.38	6309.97	6228.35	-1135.85	2664.92	-84.39	480.68	94.46	5.10	PASS
7317.00†	6275.00	-1161.14	2190.32	6359.85	6253.51	-1178.83	2663.36	-87.40	473.86	101.23	4.69	PASS
7353.88†	6275.00	-1198.02	2190.29	6380.95	6262.07	-1198.11	2663.27	-88.43	473.16	104.39	4.54	PASS
7417.00†	6275.00	-1261.14	2190.24	6421.37	6274.70	-1236.45	2664.57	-89.96	474.97	109.31	4.35	PASS
7517.00†	6275.00	-1361.14	2190.17	6518.92	6294.54	-1331.76	2670.03	-92.33	481.16	112.70	4.28	PASS
7617.00†	6275.00	-1461.14	2190.10	6630.29	6304.80	-1442.50	2674.51	-93.52	485.68	114.35	4.25	PASS
7717.00†	6275.00	-1561.14	2190.02	6728.71	6306.28	-1540.81	2678.75	-93.66	490.15	117.95	4.16	PASS
7817.00†	6275.00	-1661.14	2189.95	6833.60	6306.44	-1645.64	2682.49	-93.65	493.78	121.09	4.08	PASS
7917.00†	6275.00	-1761.14	2189.88	6933.22	6305.41	-1745.20	2685.59	-93.51	496.90	125.15	3.98	PASS
8017.00†	6275.00	-1861.14	2189.80	7041.27	6303.99	-1853.20	2688.60	-93.33	499.70	128.53	3.89	PASS
8117.00†	6275.00	-1961.14	2189.73	7136.71	6304.14	-1948.62	2690.27	-93.33	501.54	133.48	3.76	PASS
8217.00†	6275.00	-2061.14	2189.66	7230.05	6305.28	-2041.90	2693.17	-93.44	504.79	138.79	3.64	PASS
8317.00†	6275.00	-2161.14	2189.58	7343.48	6305.70	-2155.29	2696.37	-93.47	507.75	142.20	3.58	PASS
8417.00†	6275.00	-2261.14	2189.51	7451.07	6305.37	-2262.88	2696.85	-93.43	508.25	146.41	3.48	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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
8517.00†	6275.00	-2361.14	2189.44	7558.79	6303.47	-2370.56	2695.56	-93.22	507.01	150.78	3.37	PASS
8617.00†	6275.00	-2461.14	2189.36	7658.73	6302.57	-2470.49	2693.81	-93.13	505.29	155.86	3.25	PASS
8717.00†	6275.00	-2561.14	2189.29	7759.00	6302.83	-2570.73	2691.81	-93.17	503.39	161.33	3.12	PASS
8817.00†	6275.00	-2661.14	2189.21	7855.12	6303.04	-2666.84	2690.25	-93.20	501.85	167.13	3.01	PASS
8917.00†	6275.00	-2761.14	2189.14	7952.93	6304.20	-2764.64	2689.52	-93.34	501.25	172.82	2.90	PASS
9017.00†	6275.00	-2861.14	2189.07	8050.79	6304.08	-2862.50	2688.73	-93.33	500.51	178.62	2.80	PASS
9117.00†	6275.00	-2961.14	2188.99	8145.41	6303.96	-2957.11	2689.20	-93.31	501.06	184.80	2.71	PASS
9217.00†	6275.00	-3061.14	2188.92	8242.19	6305.82	-3053.88	2690.04	-93.52	502.12	190.75	2.63	PASS
9317.00†	6275.00	-3161.14	2188.85	8340.40	6307.73	-3152.05	2691.76	-93.72	504.06	196.62	2.57	PASS
9417.00†	6275.00	-3261.14	2188.77	8449.69	6309.14	-3261.33	2692.89	-93.88	505.28	201.54	2.51	PASS
9517.00†	6275.00	-3361.14	2188.70	8551.57	6309.28	-3363.20	2692.30	-93.89	504.77	207.23	2.44	PASS
9617.00†	6275.00	-3461.14	2188.63	8653.51	6309.16	-3465.14	2691.84	-93.88	504.39	212.96	2.37	PASS
9717.00†	6275.00	-3561.14	2188.55	8750.40	6308.74	-3562.03	2691.26	-93.84	503.84	219.21	2.30	PASS
9817.00†	6275.00	-3661.14	2188.48	8842.32	6308.66	-3653.94	2691.78	-93.83	504.48	225.93	2.23	PASS
9917.00†	6275.00	-3761.14	2188.41	8934.82	6309.06	-3746.42	2693.80	-93.86	506.75	232.57	2.18	PASS
10017.00†	6275.00	-3861.14	2188.33	9031.18	6309.97	-3842.72	2696.97	-93.93	510.17	238.87	2.14	PASS
10117.00†	6275.00	-3961.14	2188.26	9129.00	6311.21	-3940.47	2700.63	-94.04	514.07	245.06	2.10	PASS
10217.00†	6275.00	-4061.14	2188.19	9260.81	6311.49	-4072.23	2702.13	-94.06	515.36	248.47	2.08	PASS
10317.00†	6275.00	-4161.14	2188.11	9368.45	6309.68	-4179.81	2698.88	-93.88	512.28	253.92	2.02	PASS
10417.00†	6275.00	-4261.14	2188.04	9464.35	6307.01	-4275.61	2695.72	-93.61	508.89	260.58	1.95	PASS
10517.00†	6275.00	-4361.14	2187.97	9556.75	6306.41	-4368.00	2694.01	-93.55	507.06	267.50	1.90	PASS
10617.00†	6275.00	-4461.14	2187.89	9657.52	6306.08	-4468.75	2692.70	-93.52	505.82	273.63	1.85	PASS
10717.00†	6275.00	-4561.14	2187.82	9758.91	6304.58	-4570.12	2690.96	-93.36	504.09	279.76	1.80	PASS
10817.00†	6275.00	-4661.14	2187.75	9856.01	6304.25	-4667.21	2689.50	-93.34	502.64	286.27	1.76	PASS
10917.00†	6275.00	-4761.14	2187.67	9953.28	6303.18	-4764.47	2688.69	-93.22	501.82	292.80	1.71	PASS
11017.00†	6275.00	-4861.14	2187.60	10054.58	6303.82	-4865.77	2688.00	-93.30	501.25	298.91	1.68	PASS
11117.00†	6275.00	-4961.14	2187.52	10149.02	6304.09	-4960.20	2687.27	-93.33	500.60	305.66	1.64	PASS
11217.00†	6275.00	-5061.14	2187.45	10249.68	6305.72	-5060.84	2687.81	-93.51	501.30	311.81	1.61	PASS
11317.00†	6275.00	-5161.14	2187.38	10347.13	6306.61	-5158.29	2687.72	-93.62	501.35	318.28	1.58	PASS
11417.00†	6275.00	-5261.14	2187.30	10442.73	6306.17	-5253.88	2688.80	-93.56	502.51	324.96	1.55	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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
11517.00†	6275.00	-5361.14	2187.23	10557.88	6305.22	-5369.02	2689.24	-93.45	502.98	330.02	1.52	PASS
11617.00†	6275.00	-5461.14	2187.16	10643.76	6306.45	-5454.88	2688.97	-93.59	502.83	337.51	1.49	PASS
11717.00†	6275.00	-5561.14	2187.08	10745.99	6308.54	-5557.08	2690.03	-93.82	504.08	343.57	1.47	PASS
11817.00†	6275.00	-5661.14	2187.01	10837.83	6309.83	-5648.90	2691.43	-93.95	505.77	350.46	1.44	PASS
11917.00†	6275.00	-5761.14	2186.94	10939.55	6310.16	-5750.59	2693.74	-93.97	508.13	356.68	1.42	PASS
12017.00†	6275.00	-5861.14	2186.86	11042.79	6308.53	-5853.81	2695.40	-93.77	509.69	362.90	1.40	PASS
12117.00†	6275.00	-5961.14	2186.79	11133.82	6308.66	-5944.80	2697.61	-93.77	512.19	369.88	1.39	PASS
12217.00†	6275.00	-6061.14	2186.72	11232.30	6309.82	-6043.23	2700.87	-93.87	515.64	376.29	1.37	PASS
12317.00†	6275.00	-6161.14	2186.64	11330.64	6309.72	-6141.50	2704.28	-93.84	519.17	382.78	1.36	PASS
12417.00†	6275.00	-6261.14	2186.57	11429.06	6309.52	-6239.83	2708.62	-93.78	523.62	389.28	1.35	PASS
12517.00†	6275.00	-6361.14	2186.50	11549.28	6310.27	-6360.00	2711.32	-93.84	526.01	394.31	1.33	PASS
12617.00†	6275.00	-6461.14	2186.42	11667.62	6311.67	-6478.31	2709.26	-94.01	524.40	398.96	1.31	PASS
12717.00†	6275.00	-6561.14	2186.35	11765.65	6311.72	-6576.29	2706.08	-94.04	521.24	405.53	1.29	PASS
12817.00†	6275.00	-6661.14	2186.28	11868.49	6311.05	-6679.08	2702.87	-93.99	518.16	411.66	1.26	PASS
12917.00†	6275.00	-6761.14	2186.20	11970.37	6309.84	-6780.89	2699.24	-93.89	514.60	417.91	1.23	PASS
13017.00†	6275.00	-6861.14	2186.13	12070.88	6308.35	-6881.30	2695.25	-93.75	510.61	424.33	1.20	PASS
13117.00†	6275.00	-6961.14	2186.06	12161.13	6307.21	-6971.51	2692.41	-93.64	507.49	431.81	1.18	PASS
13217.00†	6275.00	-7061.14	2185.98	12244.24	6307.46	-7054.61	2692.20	-93.67	507.30	439.66	1.15	PASS
13317.00†	6275.00	-7161.14	2185.91	12339.67	6308.21	-7150.02	2693.83	-93.74	509.13	446.36	1.14	PASS
13417.00†	6275.00	-7261.14	2185.84	12438.63	6308.68	-7248.94	2696.21	-93.78	511.63	452.85	1.13	PASS
13517.00†	6275.00	-7361.14	2185.76	12544.87	6307.98	-7355.17	2697.96	-93.68	513.29	458.93	1.12	PASS
13617.00†	6275.00	-7461.14	2185.69	12649.55	6305.85	-7459.82	2699.14	-93.44	514.38	465.17	1.11	PASS
13717.00†	6275.00	-7561.14	2185.61	12757.76	6305.65	-7568.02	2698.33	-93.42	513.68	470.93	1.09	PASS
13817.00†	6275.00	-7661.14	2185.54	12855.91	6308.34	-7666.12	2696.83	-93.73	512.40	477.37	1.07	PASS
13917.00†	6275.00	-7761.14	2185.47	12959.96	6310.90	-7770.13	2695.55	-94.03	511.42	483.26	1.06	PASS
14017.00†	6275.00	-7861.14	2185.39	13063.27	6312.13	-7873.40	2693.19	-94.18	509.30	489.27	1.04	PASS
14117.00†	6275.00	-7961.14	2185.32	13153.59	6312.24	-7963.71	2691.73	-94.21	507.78	496.61	1.02	PASS
14217.00†	6275.00	-8061.14	2185.25	13269.95	6310.92	-8080.04	2689.75	-94.07	506.14	501.52	1.01	PASS
14317.00†	6275.00	-8161.14	2185.17	13373.59	6308.87	-8183.56	2685.12	-93.88	501.59	507.67	0.99	FAIL
14417.00†	6275.00	-8261.14	2185.10	13453.26	6308.11	-8263.19	2683.27	-93.80	499.28	516.30	0.97	FAIL

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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
14517.00†	6275.00	-8361.14	2185.03	13555.83	6307.92	-8365.76	2682.51	-93.79	498.60	522.56	0.95	FAIL
14617.00†	6275.00	-8461.14	2184.95	13650.93	6308.38	-8460.86	2682.01	-93.84	498.18	529.41	0.94	FAIL
14717.00†	6275.00	-8561.14	2184.88	13742.96	6310.31	-8552.86	2682.79	-94.06	499.23	536.31	0.93	FAIL
14817.00†	6275.00	-8661.14	2184.81	13848.64	6312.96	-8658.50	2683.71	-94.35	500.35	542.18	0.92	FAIL
14917.00†	6275.00	-8761.14	2184.73	13948.61	6314.99	-8758.45	2683.83	-94.58	500.70	548.48	0.91	FAIL
15017.00†	6275.00	-8861.14	2184.66	14042.95	6316.12	-8852.78	2685.11	-94.70	502.20	555.25	0.90	FAIL
15117.00†	6275.00	-8961.14	2184.59	14149.40	6314.73	-8959.21	2686.08	-94.53	503.07	561.42	0.90	FAIL
15217.00†	6275.00	-9061.14	2184.51	14245.62	6312.23	-9055.39	2686.80	-94.24	503.69	568.41	0.89	FAIL
15317.00†	6275.00	-9161.14	2184.44	14340.51	6311.48	-9150.25	2688.69	-94.14	505.69	575.29	0.88	FAIL
15417.00†	6275.00	-9261.14	2184.37	14445.89	6310.57	-9255.61	2690.61	-94.02	507.53	581.53	0.87	FAIL
15517.00†	6275.00	-9361.14	2184.29	14546.07	6309.05	-9355.78	2691.41	-93.84	508.29	588.15	0.86	FAIL
15617.00†	6275.00	-9461.14	2184.22	14639.92	6308.35	-9449.61	2693.04	-93.75	510.05	595.08	0.86	FAIL
15717.00†	6275.00	-9561.14	2184.15	14737.98	6309.92	-9547.63	2695.52	-93.91	512.74	601.56	0.85	FAIL
15817.00†	6275.00	-9661.14	2184.07	14838.66	6310.24	-9648.28	2698.06	-93.92	515.35	608.01	0.85	FAIL
15917.00†	6275.00	-9761.14	2184.00	14942.24	6310.39	-9751.83	2700.39	-93.92	517.69	614.32	0.84	FAIL
16017.00†	6275.00	-9861.14	2183.92	15049.20	6309.30	-9858.77	2701.71	-93.79	518.92	620.48	0.84	FAIL
16117.00†	6275.00	-9961.14	2183.85	15153.48	6309.14	-9963.04	2701.72	-93.77	519.00	626.67	0.83	FAIL
16217.00†	6275.00	-10061.14	2183.78	15257.13	6311.37	-10066.67	2700.80	-94.02	518.33	632.66	0.82	FAIL
16317.00†	6275.00	-10161.14	2183.70	15356.28	6313.03	-10165.80	2699.74	-94.22	517.45	639.07	0.81	FAIL
16417.00†	6275.00	-10261.14	2183.63	15459.03	6313.63	-10268.54	2698.53	-94.29	516.40	645.26	0.80	FAIL
16517.00†	6275.00	-10361.14	2183.56	15561.83	6313.10	-10371.31	2696.64	-94.25	514.59	651.52	0.79	FAIL
16617.00†	6275.00	-10461.14	2183.48	15659.30	6311.81	-10468.76	2695.15	-94.12	513.05	658.38	0.78	FAIL
16717.00†	6275.00	-10561.14	2183.41	15760.21	6310.42	-10569.66	2693.61	-93.97	511.50	664.91	0.77	FAIL
16760.54†	6275.00	-10604.68	2183.38	15767.00	6310.33	-10576.44	2693.51	-93.96	512.13	669.45	0.77	FAIL
16817.00†	6275.00	-10661.14	2183.34	15767.00	6310.33	-10576.44	2693.51	-93.96	518.36	669.72	0.77	FAIL
16849.94	6275.00	-10694.08	2183.31	15767.00	6310.33	-10576.44	2693.51	-93.96	524.77	666.47	0.79	FAIL

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

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	-574.30	1865.00	-574.15	1865.57
8.75in Open Hole	465.00	5647.00	5182.00	471.99	5623.52	-574.15	1865.57	-568.90	1749.81
7in Casing Intermediate	17.00	6547.00	6530.00	24.00	6298.33	-574.30	1865.00	-701.49	1746.78
6.125in Open Hole	6547.00	15767.00	9220.00	6298.33	6310.33	-701.49	1746.78	-3510.80	1753.86

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

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



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	-2596.36	1857.79	144.42	3192.57	25.40	129.74	PASS
117.00†	117.00	0.00	0.00	97.00	117.00	-2596.36	1857.79	144.42	3192.57	52.22	62.08	PASS
217.00†	217.00	0.00	0.00	197.00	217.00	-2596.36	1857.79	144.42	3192.57	54.51	59.43	PASS
317.00†	317.00	0.00	0.00	297.00	317.00	-2596.36	1857.79	144.42	3192.57	56.81	56.98	PASS
417.00†	417.00	0.00	0.00	397.00	417.00	-2596.36	1857.79	144.42	3192.57	59.13	54.72	PASS
517.00†	517.00	0.00	0.00	497.00	517.00	-2596.36	1857.79	144.42	3192.57	61.45	52.62	PASS
617.00†	617.00	0.00	0.00	597.00	617.00	-2596.36	1857.79	144.42	3192.57	63.79	50.67	PASS
717.00†	717.00	0.00	0.00	697.00	717.00	-2596.36	1857.79	144.42	3192.57	66.14	48.85	PASS
817.00†	817.00	0.00	0.00	797.00	817.00	-2596.36	1857.79	144.42	3192.57	68.50	47.15	PASS
917.00†	917.00	0.00	0.00	897.00	917.00	-2596.36	1857.79	144.42	3192.57	70.86	45.56	PASS
1017.00†	1017.00	0.00	0.00	997.00	1017.00	-2596.36	1857.79	144.42	3192.57	73.24	44.06	PASS
1117.00†	1117.00	0.00	0.00	1097.00	1117.00	-2596.36	1857.79	144.42	3192.57	75.63	42.65	PASS
1217.00†	1217.00	0.00	0.00	1197.00	1217.00	-2596.36	1857.79	144.42	3192.57	78.03	41.33	PASS
1317.00†	1317.00	0.00	0.00	1297.00	1317.00	-2596.36	1857.79	144.42	3192.57	80.44	40.08	PASS
1417.00†	1417.00	0.00	0.00	1397.00	1417.00	-2596.36	1857.79	144.42	3192.57	82.86	38.89	PASS
1517.00†	1517.00	0.00	0.00	1497.00	1517.00	-2596.36	1857.79	144.42	3192.57	85.29	37.78	PASS
1617.00†	1617.00	0.00	0.00	1597.00	1617.00	-2596.36	1857.79	144.42	3192.57	86.85	36.76	PASS
1717.00†	1717.00	0.00	0.00	1697.00	1717.00	-2596.36	1857.79	144.42	3192.57	89.13	35.82	PASS
1817.00†	1817.00	0.00	0.00	1797.00	1817.00	-2596.36	1857.79	144.42	3192.57	91.43	34.92	PASS
1917.00†	1917.00	0.00	0.00	1897.00	1917.00	-2596.36	1857.79	144.42	3192.57	93.73	34.06	PASS
2000.00	2000.00	0.00	0.00	1980.00	2000.00	-2596.36	1857.79	144.42	3192.57	95.66	33.38	PASS
2017.00†	2017.00	-0.01	0.05	1997.00	2017.00	-2596.36	1857.79	39.64	3192.53	96.05	33.24	PASS
2117.00†	2116.97	-0.61	2.31	2096.97	2116.97	-2596.36	1857.79	39.69	3190.73	98.38	32.43	PASS
2217.00†	2216.79	-2.10	7.94	2196.79	2216.79	-2596.36	1857.79	39.81	3186.25	100.75	31.62	PASS
2317.00†	2316.35	-4.47	16.94	2296.35	2316.35	-2596.36	1857.79	40.01	3179.09	103.13	30.83	PASS
2417.00†	2415.53	-7.73	29.29	2395.53	2415.53	-2596.36	1857.79	40.29	3169.30	105.50	30.04	PASS
2517.00†	2514.20	-11.87	44.99	2494.20	2514.20	-2596.36	1857.79	40.64	3156.88	107.89	29.26	PASS
2617.00†	2612.24	-16.88	64.00	2592.24	2612.24	-2596.36	1857.79	41.07	3141.88	110.27	28.49	PASS
2717.00†	2709.54	-22.77	86.31	2689.54	2709.54	-2596.36	1857.79	41.58	3124.35	112.66	27.73	PASS
2817.00†	2805.97	-29.51	111.88	2785.97	2805.97	-2596.36	1857.79	42.17	3104.34	115.06	26.98	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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
2917.00†	2901.42	-37.12	140.70	2881.42	2901.42	-2596.36	1857.79	42.85	3081.91	117.47	26.24	PASS
3017.00†	2995.77	-45.56	172.72	2975.77	2995.77	-2596.36	1857.79	43.61	3057.13	119.89	25.50	PASS
3117.00†	3088.91	-54.84	207.91	3068.91	3088.91	-2596.36	1857.79	44.46	3030.09	122.34	24.77	PASS
3217.00†	3180.72	-64.95	246.21	3160.72	3180.72	-2596.36	1857.79	45.41	3000.87	124.83	24.04	PASS
3317.00†	3271.10	-75.87	287.59	3251.10	3271.10	-2596.36	1857.79	46.44	2969.58	127.37	23.32	PASS
3417.00†	3359.92	-87.58	332.00	3339.92	3359.92	-2596.36	1857.79	47.57	2936.33	129.96	22.59	PASS
3517.00†	3447.09	-100.08	379.37	3427.09	3447.09	-2596.36	1857.79	48.80	2901.23	132.65	21.87	PASS
3617.00†	3532.50	-113.34	429.66	3512.50	3532.50	-2596.36	1857.79	50.12	2864.43	135.44	21.15	PASS
3680.03	3585.38	-122.09	462.83	3565.38	3585.38	-2596.36	1857.79	51.00	2840.41	137.26	20.69	PASS
3717.00†	3616.17	-127.31	482.61	3596.17	3616.17	-2596.36	1857.79	51.29	2826.19	138.34	20.43	PASS
3817.00†	3699.46	-141.43	536.12	3679.46	3699.46	-2596.36	1857.79	52.09	2788.10	141.37	19.72	PASS
3917.00†	3782.75	-155.54	589.63	3762.75	3782.75	-2596.36	1857.79	52.91	2750.61	144.53	19.03	PASS
4017.00†	3866.04	-169.66	643.14	3846.04	3866.04	-2596.36	1857.79	53.74	2713.72	147.81	18.36	PASS
4117.00†	3949.33	-183.77	696.65	3929.33	3949.33	-2596.36	1857.79	54.59	2677.47	151.21	17.71	PASS
4217.00†	4032.63	-197.89	750.16	4012.63	4032.63	-2596.36	1857.79	55.46	2641.88	154.72	17.08	PASS
4317.00†	4115.92	-212.00	803.67	4095.92	4115.92	-2596.36	1857.79	56.35	2606.98	158.34	16.46	PASS
4417.00†	4199.21	-226.12	857.18	4179.21	4199.21	-2596.36	1857.79	57.26	2572.80	162.07	15.87	PASS
4517.00†	4282.50	-240.24	910.69	4262.50	4282.50	-2596.36	1857.79	58.19	2539.36	165.90	15.31	PASS
4617.00†	4365.79	-254.35	964.20	4345.79	4365.79	-2596.36	1857.79	59.13	2506.70	169.82	14.76	PASS
4717.00†	4449.08	-268.47	1017.71	4429.08	4449.08	-2596.36	1857.79	60.10	2474.84	173.84	14.24	PASS
4817.00†	4532.37	-282.58	1071.22	4512.37	4532.37	-2596.36	1857.79	61.08	2443.83	177.94	13.73	PASS
4917.00†	4615.67	-296.70	1124.73	4595.67	4615.67	-2596.36	1857.79	62.09	2413.68	182.13	13.25	PASS
5017.00†	4698.96	-310.81	1178.24	4678.96	4698.96	-2596.36	1857.79	63.11	2384.44	186.40	12.79	PASS
5117.00†	4782.25	-324.93	1231.75	4762.25	4782.25	-2596.36	1857.79	64.15	2356.13	190.74	12.35	PASS
5217.00†	4865.54	-339.04	1285.26	4845.54	4865.54	-2596.36	1857.79	65.21	2328.80	195.16	11.93	PASS
5317.00†	4948.83	-353.16	1338.77	4928.83	4948.83	-2596.36	1857.79	66.29	2302.47	199.64	11.53	PASS
5417.00†	5032.12	-367.28	1392.27	5012.12	5032.12	-2596.36	1857.79	67.38	2277.18	204.18	11.15	PASS
5517.00†	5115.41	-381.39	1445.78	5095.41	5115.41	-2596.36	1857.79	68.50	2252.97	208.77	10.79	PASS
5617.00†	5198.71	-395.51	1499.29	5178.71	5198.71	-2596.36	1857.79	69.63	2229.86	213.42	10.45	PASS
5717.00†	5282.00	-409.62	1552.80	5262.00	5282.00	-2596.36	1857.79	70.78	2207.91	218.12	10.12	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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
5817.00†	5365.29	-423.74	1606.31	5345.29	5365.29	-2596.36	1857.79	71.94	2187.13	222.85	9.81	PASS
5917.00†	5448.58	-437.85	1659.82	5428.58	5448.58	-2596.36	1857.79	73.12	2167.57	227.61	9.52	PASS
6017.00†	5531.87	-451.97	1713.33	5511.87	5531.87	-2596.36	1857.79	74.31	2149.26	232.41	9.25	PASS
6117.00†	5615.16	-466.08	1766.84	5595.16	5615.16	-2596.36	1857.79	75.52	2132.22	237.22	8.99	PASS
6217.00†	5698.46	-480.20	1820.35	5678.46	5698.46	-2596.36	1857.79	76.75	2116.50	242.04	8.74	PASS
6317.00†	5781.75	-494.32	1873.86	5761.75	5781.75	-2596.36	1857.79	77.98	2102.11	246.87	8.52	PASS
6411.94	5860.83	-507.72	1924.66	5840.83	5860.83	-2596.36	1857.79	79.16	2089.72	251.45	8.31	PASS
6417.00†	5865.04	-508.45	1927.37	5845.04	5865.04	-2596.36	1857.79	78.49	2089.07	251.70	8.30	PASS
6517.00†	5946.70	-531.97	1979.83	5926.70	5946.70	-2596.36	1857.79	66.54	2068.00	256.47	8.06	PASS
6617.00†	6023.70	-571.99	2029.27	6003.70	6023.70	-2596.36	1857.79	57.81	2031.63	261.17	7.78	PASS
6717.00†	6093.69	-627.29	2074.20	6073.69	6093.69	-2596.36	1857.79	52.25	1980.93	265.33	7.47	PASS
6817.00†	6154.53	-696.19	2113.25	6134.53	6154.53	-2596.36	1857.79	49.52	1917.27	268.86	7.13	PASS
6917.00†	6204.40	-776.60	2145.23	6184.40	6204.40	-2596.36	1857.79	49.53	1842.33	271.74	6.78	PASS
7017.00†	6241.76	-866.07	2169.17	6221.76	6241.76	-2596.36	1857.79	52.94	1758.09	273.98	6.42	PASS
7117.00†	6265.49	-961.89	2184.35	6245.49	6265.49	-2596.36	1857.79	62.16	1666.78	275.61	6.05	PASS
7217.00†	6274.86	-1061.14	2190.30	6254.86	6274.86	-2596.36	1857.79	84.88	1570.82	276.66	5.68	PASS
7231.02	6275.00	-1075.17	2190.38	6255.00	6275.00	-2596.36	1857.79	90.00	1557.13	276.76	5.63	PASS
7317.00†	6275.00	-1161.14	2190.32	6255.00	6275.00	-2596.36	1857.79	90.00	1473.24	277.35	5.31	PASS
7417.00†	6275.00	-1261.14	2190.24	6255.00	6275.00	-2596.36	1857.79	90.00	1375.99	278.12	4.95	PASS
7517.00†	6275.00	-1361.14	2190.17	6255.00	6275.00	-2596.36	1857.79	90.00	1279.16	278.98	4.59	PASS
7617.00†	6275.00	-1461.14	2190.10	6255.00	6275.00	-2596.36	1857.79	90.00	1182.86	279.95	4.23	PASS
7717.00†	6275.00	-1561.14	2190.02	6255.00	6275.00	-2596.36	1857.79	90.00	1087.23	281.03	3.87	PASS
7817.00†	6275.00	-1661.14	2189.95	6255.00	6275.00	-2596.36	1857.79	90.00	992.46	282.26	3.52	PASS
7917.00†	6275.00	-1761.14	2189.88	6255.00	6275.00	-2596.36	1857.79	90.00	898.82	283.64	3.17	PASS
8017.00†	6275.00	-1861.14	2189.80	6255.00	6275.00	-2596.36	1857.79	90.00	806.71	285.18	2.83	PASS
8117.00†	6275.00	-1961.14	2189.73	6255.00	6275.00	-2596.36	1857.79	90.00	716.72	286.86	2.50	PASS
8217.00†	6275.00	-2061.14	2189.66	6255.00	6275.00	-2596.36	1857.79	90.00	629.76	288.57	2.18	PASS
8317.00†	6275.00	-2161.14	2189.58	6255.00	6275.00	-2596.36	1857.79	90.00	547.27	290.06	1.89	PASS
8417.00†	6275.00	-2261.14	2189.51	6255.00	6275.00	-2596.36	1857.79	90.00	471.61	290.67	1.62	PASS
8517.00†	6275.00	-2361.14	2189.44	6255.00	6275.00	-2596.36	1857.79	90.00	406.60	288.99	1.41	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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
8617.00†	6275.00	-2461.14	2189.36	6255.00	6275.00	-2596.36	1857.79	90.00	358.09	282.52	1.27	PASS
8688.91†	6275.00	-2533.05	2189.31	6255.00	6275.00	-2596.36	1857.79	90.00	337.51	273.49	1.23	PASS
8717.00†	6275.00	-2561.14	2189.29	6255.00	6275.00	-2596.36	1857.79	90.00	333.37	268.94	1.24	PASS
8752.27†	6275.00	-2596.41	2189.26	6254.48	6274.48	-2596.36	1857.79	89.91	331.48	262.59	1.26	PASS
8817.00†	6275.00	-2661.14	2189.21	6255.00	6275.00	-2596.36	1857.79	90.00	337.70	250.30	1.35	PASS
8917.00†	6275.00	-2761.14	2189.14	6255.00	6275.00	-2596.36	1857.79	90.00	370.06	234.32	1.58	PASS
9017.00†	6275.00	-2861.14	2189.07	6255.00	6275.00	-2596.36	1857.79	90.00	424.09	226.80	1.87	PASS
9117.00†	6275.00	-2961.14	2188.99	6255.00	6275.00	-2596.36	1857.79	90.00	492.71	226.49	2.18	PASS
9217.00†	6275.00	-3061.14	2188.92	6255.00	6275.00	-2596.36	1857.79	90.00	570.67	229.41	2.49	PASS
9317.00†	6275.00	-3161.14	2188.85	6255.00	6275.00	-2596.36	1857.79	90.00	654.66	233.08	2.81	PASS
9417.00†	6275.00	-3261.14	2188.77	6255.00	6275.00	-2596.36	1857.79	90.00	742.62	236.55	3.14	PASS
9517.00†	6275.00	-3361.14	2188.70	6255.00	6275.00	-2596.36	1857.79	90.00	833.30	239.59	3.48	PASS
9617.00†	6275.00	-3461.14	2188.63	6255.00	6275.00	-2596.36	1857.79	90.00	925.90	242.17	3.82	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



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

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



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	-1401.43	1888.91	126.57	2352.02	50.01	47.79	PASS
117.00†	117.00	0.00	0.00	100.00	117.00	-1401.43	1888.91	126.57	2352.02	52.29	45.67	PASS
217.00†	217.00	0.00	0.00	200.00	217.00	-1401.43	1888.91	126.57	2352.02	54.58	43.72	PASS
317.00†	317.00	0.00	0.00	300.00	317.00	-1401.43	1888.91	126.57	2352.02	56.88	41.93	PASS
417.00†	417.00	0.00	0.00	400.00	417.00	-1401.43	1888.91	126.57	2352.02	59.20	40.26	PASS
517.00†	517.00	0.00	0.00	500.00	517.00	-1401.43	1888.91	126.57	2352.02	61.52	38.72	PASS
617.00†	617.00	0.00	0.00	600.00	617.00	-1401.43	1888.91	126.57	2352.02	63.86	37.29	PASS
717.00†	717.00	0.00	0.00	700.00	717.00	-1401.43	1888.91	126.57	2352.02	66.20	35.95	PASS
817.00†	817.00	0.00	0.00	800.00	817.00	-1401.43	1888.91	126.57	2352.02	68.56	34.70	PASS
917.00†	917.00	0.00	0.00	900.00	917.00	-1401.43	1888.91	126.57	2352.02	70.93	33.53	PASS
1017.00†	1017.00	0.00	0.00	1000.00	1017.00	-1401.43	1888.91	126.57	2352.02	73.31	32.43	PASS
1117.00†	1117.00	0.00	0.00	1100.00	1117.00	-1401.43	1888.91	126.57	2352.02	75.70	31.39	PASS
1217.00†	1217.00	0.00	0.00	1200.00	1217.00	-1401.43	1888.91	126.57	2352.02	78.10	30.42	PASS
1317.00†	1317.00	0.00	0.00	1300.00	1317.00	-1401.43	1888.91	126.57	2352.02	80.51	29.50	PASS
1417.00†	1417.00	0.00	0.00	1400.00	1417.00	-1401.43	1888.91	126.57	2352.02	82.93	28.63	PASS
1517.00†	1517.00	0.00	0.00	1500.00	1517.00	-1401.43	1888.91	126.57	2352.02	85.36	27.81	PASS
1617.00†	1617.00	0.00	0.00	1600.00	1617.00	-1401.43	1888.91	126.57	2352.02	86.91	27.06	PASS
1717.00†	1717.00	0.00	0.00	1700.00	1717.00	-1401.43	1888.91	126.57	2352.02	89.20	26.37	PASS
1817.00†	1817.00	0.00	0.00	1800.00	1817.00	-1401.43	1888.91	126.57	2352.02	91.49	25.71	PASS
1917.00†	1917.00	0.00	0.00	1900.00	1917.00	-1401.43	1888.91	126.57	2352.02	93.80	25.08	PASS
2000.00	2000.00	0.00	0.00	1983.00	2000.00	-1401.43	1888.91	126.57	2352.02	95.72	24.57	PASS
2017.00†	2017.00	-0.01	0.05	2000.00	2017.00	-1401.43	1888.91	21.80	2351.97	96.11	24.47	PASS
2117.00†	2116.97	-0.61	2.31	2099.97	2116.97	-1401.43	1888.91	21.83	2349.80	98.45	23.87	PASS
2217.00†	2216.79	-2.10	7.94	2199.79	2216.79	-1401.43	1888.91	21.93	2344.39	100.83	23.25	PASS
2317.00†	2316.35	-4.47	16.94	2299.35	2316.35	-1401.43	1888.91	22.08	2335.76	103.22	22.63	PASS
2417.00†	2415.53	-7.73	29.29	2398.53	2415.53	-1401.43	1888.91	22.29	2323.91	105.61	22.00	PASS
2517.00†	2514.20	-11.87	44.99	2497.20	2514.20	-1401.43	1888.91	22.55	2308.88	108.00	21.38	PASS
2617.00†	2612.24	-16.88	64.00	2595.24	2612.24	-1401.43	1888.91	22.89	2290.69	110.39	20.75	PASS
2717.00†	2709.54	-22.77	86.31	2692.54	2709.54	-1401.43	1888.91	23.28	2269.38	112.78	20.12	PASS
2817.00†	2805.97	-29.51	111.88	2788.97	2805.97	-1401.43	1888.91	23.75	2244.99	115.16	19.49	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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
2917.00†	2901.42	-37.12	140.70	2884.42	2901.42	-1401.43	1888.91	24.29	2217.56	117.54	18.87	PASS
3017.00†	2995.77	-45.56	172.72	2978.77	2995.77	-1401.43	1888.91	24.91	2187.16	119.91	18.24	PASS
3117.00†	3088.91	-54.84	207.91	3071.91	3088.91	-1401.43	1888.91	25.62	2153.85	122.29	17.61	PASS
3217.00†	3180.72	-64.95	246.21	3163.72	3180.72	-1401.43	1888.91	26.42	2117.69	124.66	16.99	PASS
3317.00†	3271.10	-75.87	287.59	3254.10	3271.10	-1401.43	1888.91	27.32	2078.78	127.05	16.36	PASS
3417.00†	3359.92	-87.58	332.00	3342.92	3359.92	-1401.43	1888.91	28.33	2037.20	129.44	15.74	PASS
3517.00†	3447.09	-100.08	379.37	3430.09	3447.09	-1401.43	1888.91	29.46	1993.04	131.86	15.11	PASS
3617.00†	3532.50	-113.34	429.66	3515.50	3532.50	-1401.43	1888.91	30.72	1946.42	134.32	14.49	PASS
3680.03	3585.38	-122.09	462.83	3568.38	3585.38	-1401.43	1888.91	31.59	1915.83	135.89	14.10	PASS
3717.00†	3616.17	-127.31	482.61	3599.17	3616.17	-1401.43	1888.91	31.89	1897.64	136.81	13.87	PASS
3817.00†	3699.46	-141.43	536.12	3682.46	3699.46	-1401.43	1888.91	32.76	1848.69	139.37	13.26	PASS
3917.00†	3782.75	-155.54	589.63	3765.75	3782.75	-1401.43	1888.91	33.67	1800.10	142.02	12.68	PASS
4017.00†	3866.04	-169.66	643.14	3849.04	3866.04	-1401.43	1888.91	34.62	1751.91	144.77	12.10	PASS
4117.00†	3949.33	-183.77	696.65	3932.33	3949.33	-1401.43	1888.91	35.62	1704.16	147.63	11.54	PASS
4217.00†	4032.63	-197.89	750.16	4015.63	4032.63	-1401.43	1888.91	36.67	1656.88	150.59	11.00	PASS
4317.00†	4115.92	-212.00	803.67	4098.92	4115.92	-1401.43	1888.91	37.78	1610.12	153.68	10.48	PASS
4417.00†	4199.21	-226.12	857.18	4182.21	4199.21	-1401.43	1888.91	38.94	1563.91	156.89	9.97	PASS
4517.00†	4282.50	-240.24	910.69	4265.50	4282.50	-1401.43	1888.91	40.17	1518.32	160.23	9.48	PASS
4617.00†	4365.79	-254.35	964.20	4348.79	4365.79	-1401.43	1888.91	41.46	1473.39	163.71	9.00	PASS
4717.00†	4449.08	-268.47	1017.71	4432.08	4449.08	-1401.43	1888.91	42.82	1429.19	167.34	8.54	PASS
4817.00†	4532.37	-282.58	1071.22	4515.37	4532.37	-1401.43	1888.91	44.26	1385.80	171.13	8.10	PASS
4917.00†	4615.67	-296.70	1124.73	4598.67	4615.67	-1401.43	1888.91	45.77	1343.28	175.07	7.67	PASS
5017.00†	4698.96	-310.81	1178.24	4681.96	4698.96	-1401.43	1888.91	47.36	1301.73	179.18	7.26	PASS
5117.00†	4782.25	-324.93	1231.75	4765.25	4782.25	-1401.43	1888.91	49.04	1261.24	183.46	6.87	PASS
5217.00†	4865.54	-339.04	1285.26	4848.54	4865.54	-1401.43	1888.91	50.81	1221.91	187.92	6.50	PASS
5317.00†	4948.83	-353.16	1338.77	4931.83	4948.83	-1401.43	1888.91	52.68	1183.86	192.55	6.15	PASS
5417.00†	5032.12	-367.28	1392.27	5015.12	5032.12	-1401.43	1888.91	54.64	1147.22	197.37	5.81	PASS
5517.00†	5115.41	-381.39	1445.78	5098.41	5115.41	-1401.43	1888.91	56.70	1112.13	202.36	5.50	PASS
5617.00†	5198.71	-395.51	1499.29	5181.71	5198.71	-1401.43	1888.91	58.87	1078.74	207.52	5.20	PASS
5717.00†	5282.00	-409.62	1552.80	5265.00	5282.00	-1401.43	1888.91	61.13	1047.21	212.83	4.92	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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
5817.00†	5365.29	-423.74	1606.31	5348.29	5365.29	-1401.43	1888.91	63.51	1017.71	218.28	4.66	PASS
5917.00†	5448.58	-437.85	1659.82	5431.58	5448.58	-1401.43	1888.91	65.98	990.43	223.84	4.42	PASS
6017.00†	5531.87	-451.97	1713.33	5514.87	5531.87	-1401.43	1888.91	68.55	965.56	229.48	4.21	PASS
6117.00†	5615.16	-466.08	1766.84	5598.16	5615.16	-1401.43	1888.91	71.22	943.27	235.16	4.01	PASS
6217.00†	5698.46	-480.20	1820.35	5681.46	5698.46	-1401.43	1888.91	73.97	923.78	240.83	3.84	PASS
6317.00†	5781.75	-494.32	1873.86	5764.75	5781.75	-1401.43	1888.91	76.80	907.24	246.43	3.68	PASS
6411.94	5860.83	-507.72	1924.66	5843.83	5860.83	-1401.43	1888.91	79.55	894.43	251.64	3.55	PASS
6417.00†	5865.04	-508.45	1927.37	5848.04	5865.04	-1401.43	1888.91	78.96	893.80	251.92	3.55	PASS
6517.00†	5946.70	-531.97	1979.83	5929.70	5946.70	-1401.43	1888.91	68.77	874.20	257.19	3.40	PASS
6617.00†	6023.70	-571.99	2029.27	6006.70	6023.70	-1401.43	1888.91	62.06	841.23	262.28	3.21	PASS
6717.00†	6093.69	-627.29	2074.20	6076.69	6093.69	-1401.43	1888.91	58.95	796.01	266.70	2.98	PASS
6817.00†	6154.53	-696.19	2113.25	6137.53	6154.53	-1401.43	1888.91	59.26	740.06	270.33	2.74	PASS
6917.00†	6204.40	-776.60	2145.23	6187.40	6204.40	-1401.43	1888.91	62.85	675.36	273.04	2.47	PASS
7017.00†	6241.76	-866.07	2169.17	6224.76	6241.76	-1401.43	1888.91	69.61	604.28	274.67	2.20	PASS
7117.00†	6265.49	-961.89	2184.35	6248.49	6265.49	-1401.43	1888.91	78.82	529.60	274.90	1.93	PASS
7217.00†	6274.86	-1061.14	2190.30	6257.86	6274.86	-1401.43	1888.91	88.70	454.56	273.20	1.66	PASS
7231.02	6275.00	-1075.17	2190.38	6258.00	6275.00	-1401.43	1888.91	90.00	444.22	272.76	1.63	PASS
7317.00†	6275.00	-1161.14	2190.32	6258.00	6275.00	-1401.43	1888.91	90.00	385.46	268.38	1.44	PASS
7417.00†	6275.00	-1261.14	2190.24	6258.00	6275.00	-1401.43	1888.91	90.00	332.39	258.13	1.29	PASS
7484.77†	6275.00	-1328.92	2190.19	6258.00	6275.00	-1401.43	1888.91	90.00	309.89	247.03	1.25	PASS
7517.00†	6275.00	-1361.14	2190.17	6258.00	6275.00	-1401.43	1888.91	90.00	303.94	240.75	1.26	PASS
7556.87†	6275.00	-1401.02	2190.14	6256.99	6273.99	-1401.43	1888.91	89.81	301.23	232.61	1.29	PASS
7617.00†	6275.00	-1461.14	2190.10	6258.00	6275.00	-1401.43	1888.91	90.00	307.05	221.67	1.39	PASS
7717.00†	6275.00	-1561.14	2190.02	6258.00	6275.00	-1401.43	1888.91	90.00	340.85	213.93	1.59	PASS
7817.00†	6275.00	-1661.14	2189.95	6258.00	6275.00	-1401.43	1888.91	90.00	397.59	218.82	1.82	PASS
7917.00†	6275.00	-1761.14	2189.88	6258.00	6275.00	-1401.43	1888.91	90.00	469.02	226.85	2.07	PASS
8017.00†	6275.00	-1861.14	2189.80	6258.00	6275.00	-1401.43	1888.91	90.00	549.43	233.78	2.35	PASS
8117.00†	6275.00	-1961.14	2189.73	6258.00	6275.00	-1401.43	1888.91	90.00	635.43	239.11	2.66	PASS
8217.00†	6275.00	-2061.14	2189.66	6258.00	6275.00	-1401.43	1888.91	90.00	725.03	243.15	2.98	PASS
8317.00†	6275.00	-2161.14	2189.58	6258.00	6275.00	-1401.43	1888.91	90.00	817.05	246.25	3.32	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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
8417.00†	6275.00	-2261.14	2189.51	6258.00	6275.00	-1401.43	1888.91	90.00	910.75	248.67	3.66	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



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	-6252.35	1319.50	168.08	8958.68	82.61	109.50	PASS
117.00†	117.00	0.00	0.00	10983.00	6295.93	-6252.35	1319.50	168.08	8888.87	83.07	108.04	PASS
217.00†	217.00	0.00	0.00	10983.00	6295.93	-6252.35	1319.50	168.08	8819.65	83.38	106.80	PASS
317.00†	317.00	0.00	0.00	10983.00	6295.93	-6252.35	1319.50	168.08	8751.03	83.70	105.55	PASS
417.00†	417.00	0.00	0.00	10983.00	6295.93	-6252.35	1319.50	168.08	8683.01	84.04	104.31	PASS
517.00†	517.00	0.00	0.00	10983.00	6295.93	-6252.35	1319.50	168.08	8615.62	84.39	103.07	PASS
617.00†	617.00	0.00	0.00	10983.00	6295.93	-6252.35	1319.50	168.08	8548.87	84.75	101.83	PASS
717.00†	717.00	0.00	0.00	10983.00	6295.93	-6252.35	1319.50	168.08	8482.77	85.12	100.60	PASS
817.00†	817.00	0.00	0.00	10983.00	6295.93	-6252.35	1319.50	168.08	8417.34	85.50	99.37	PASS
917.00†	917.00	0.00	0.00	10983.00	6295.93	-6252.35	1319.50	168.08	8352.59	85.90	98.15	PASS
1017.00†	1017.00	0.00	0.00	10983.00	6295.93	-6252.35	1319.50	168.08	8288.55	86.30	96.93	PASS
1117.00†	1117.00	0.00	0.00	10983.00	6295.93	-6252.35	1319.50	168.08	8225.22	86.72	95.72	PASS
1217.00†	1217.00	0.00	0.00	10983.00	6295.93	-6252.35	1319.50	168.08	8162.62	87.15	94.52	PASS
1317.00†	1317.00	0.00	0.00	10983.00	6295.93	-6252.35	1319.50	168.08	8100.78	87.59	93.33	PASS
1417.00†	1417.00	0.00	0.00	10983.00	6295.93	-6252.35	1319.50	168.08	8039.71	88.05	92.14	PASS
1517.00†	1517.00	0.00	0.00	10983.00	6295.93	-6252.35	1319.50	168.08	7979.42	88.51	90.96	PASS
1617.00†	1617.00	0.00	0.00	10983.00	6295.93	-6252.35	1319.50	168.08	7919.93	88.12	89.87	PASS
1717.00†	1717.00	0.00	0.00	10983.00	6295.93	-6252.35	1319.50	168.08	7861.27	88.48	88.84	PASS
1817.00†	1817.00	0.00	0.00	10983.00	6295.93	-6252.35	1319.50	168.08	7803.44	88.85	87.83	PASS
1917.00†	1917.00	0.00	0.00	10983.00	6295.93	-6252.35	1319.50	168.08	7746.48	89.23	86.82	PASS
2000.00	2000.00	0.00	0.00	10983.00	6295.93	-6252.35	1319.50	168.08	7699.87	89.55	85.98	PASS
2017.00†	2017.00	-0.01	0.05	10983.00	6295.93	-6252.35	1319.50	63.51	7690.38	89.62	85.81	PASS
2117.00†	2116.97	-0.61	2.31	10983.00	6295.93	-6252.35	1319.50	64.73	7634.33	89.99	84.83	PASS
2217.00†	2216.79	-2.10	7.94	10983.00	6295.93	-6252.35	1319.50	65.97	7577.94	90.36	83.87	PASS
2317.00†	2316.35	-4.47	16.94	10983.00	6295.93	-6252.35	1319.50	67.23	7521.28	90.69	82.93	PASS
2417.00†	2415.53	-7.73	29.29	10983.00	6295.93	-6252.35	1319.50	68.51	7464.41	91.01	82.02	PASS
2517.00†	2514.20	-11.87	44.99	10983.00	6295.93	-6252.35	1319.50	69.81	7407.39	91.30	81.13	PASS
2617.00†	2612.24	-16.88	64.00	10983.00	6295.93	-6252.35	1319.50	71.12	7350.30	91.58	80.26	PASS
2717.00†	2709.54	-22.77	86.31	10983.00	6295.93	-6252.35	1319.50	72.44	7293.19	91.84	79.41	PASS
2817.00†	2805.97	-29.51	111.88	10983.00	6295.93	-6252.35	1319.50	73.77	7236.15	92.10	78.57	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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
2917.00†	2901.42	-37.12	140.70	10983.00	6295.93	-6252.35	1319.50	75.10	7179.23	92.37	77.73	PASS
3017.00†	2995.77	-45.56	172.72	10983.00	6295.93	-6252.35	1319.50	76.44	7122.52	92.65	76.88	PASS
3117.00†	3088.91	-54.84	207.91	10983.00	6295.93	-6252.35	1319.50	77.77	7066.09	92.97	76.01	PASS
3217.00†	3180.72	-64.95	246.21	10983.00	6295.93	-6252.35	1319.50	79.10	7010.02	93.33	75.11	PASS
3317.00†	3271.10	-75.87	287.59	10983.00	6295.93	-6252.35	1319.50	80.42	6954.38	93.77	74.16	PASS
3417.00†	3359.92	-87.58	332.00	10983.00	6295.93	-6252.35	1319.50	81.72	6899.25	94.30	73.16	PASS
3517.00†	3447.09	-100.08	379.37	10983.00	6295.93	-6252.35	1319.50	83.01	6844.72	94.95	72.09	PASS
3617.00†	3532.50	-113.34	429.66	10983.00	6295.93	-6252.35	1319.50	84.28	6790.86	95.75	70.93	PASS
3680.03	3585.38	-122.09	462.83	10983.00	6295.93	-6252.35	1319.50	85.07	6757.29	96.33	70.15	PASS
3717.00†	3616.17	-127.31	482.61	10983.00	6295.93	-6252.35	1319.50	85.07	6737.77	96.70	69.68	PASS
3817.00†	3699.46	-141.43	536.12	10983.00	6295.93	-6252.35	1319.50	85.07	6685.71	97.80	68.36	PASS
3917.00†	3782.75	-155.54	589.63	10983.00	6295.93	-6252.35	1319.50	85.07	6634.74	99.02	67.01	PASS
4017.00†	3866.04	-169.66	643.14	10983.00	6295.93	-6252.35	1319.50	85.07	6584.90	100.35	65.62	PASS
4117.00†	3949.33	-183.77	696.65	10983.00	6295.93	-6252.35	1319.50	85.07	6536.21	101.78	64.22	PASS
4217.00†	4032.63	-197.89	750.16	10983.00	6295.93	-6252.35	1319.50	85.07	6488.70	103.29	62.82	PASS
4317.00†	4115.92	-212.00	803.67	10983.00	6295.93	-6252.35	1319.50	85.07	6442.38	104.89	61.42	PASS
4417.00†	4199.21	-226.12	857.18	10983.00	6295.93	-6252.35	1319.50	85.07	6397.30	106.56	60.03	PASS
4517.00†	4282.50	-240.24	910.69	10983.00	6295.93	-6252.35	1319.50	85.07	6353.47	108.31	58.66	PASS
4617.00†	4365.79	-254.35	964.20	10983.00	6295.93	-6252.35	1319.50	85.07	6310.91	110.11	57.31	PASS
4717.00†	4449.08	-268.47	1017.71	10983.00	6295.93	-6252.35	1319.50	85.07	6269.67	111.98	55.99	PASS
4817.00†	4532.37	-282.58	1071.22	10983.00	6295.93	-6252.35	1319.50	85.07	6229.76	113.89	54.70	PASS
4917.00†	4615.67	-296.70	1124.73	10983.00	6295.93	-6252.35	1319.50	85.07	6191.20	115.86	53.44	PASS
5017.00†	4698.96	-310.81	1178.24	10983.00	6295.93	-6252.35	1319.50	85.07	6154.03	117.88	52.21	PASS
5117.00†	4782.25	-324.93	1231.75	10983.00	6295.93	-6252.35	1319.50	85.07	6118.27	119.94	51.01	PASS
5217.00†	4865.54	-339.04	1285.26	10983.00	6295.93	-6252.35	1319.50	85.07	6083.94	122.04	49.85	PASS
5317.00†	4948.83	-353.16	1338.77	10983.00	6295.93	-6252.35	1319.50	85.07	6051.07	124.18	48.73	PASS
5417.00†	5032.12	-367.28	1392.27	10983.00	6295.93	-6252.35	1319.50	85.07	6019.68	126.36	47.64	PASS
5517.00†	5115.41	-381.39	1445.78	10983.00	6295.93	-6252.35	1319.50	85.07	5989.80	128.57	46.59	PASS
5617.00†	5198.71	-395.51	1499.29	10983.00	6295.93	-6252.35	1319.50	85.07	5961.44	130.80	45.58	PASS
5717.00†	5282.00	-409.62	1552.80	10983.00	6295.93	-6252.35	1319.50	85.07	5934.64	133.07	44.60	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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
5817.00†	5365.29	-423.74	1606.31	10983.00	6295.93	-6252.35	1319.50	85.07	5909.40	135.36	43.66	PASS
5917.00†	5448.58	-437.85	1659.82	10983.00	6295.93	-6252.35	1319.50	85.07	5885.76	137.68	42.75	PASS
6017.00†	5531.87	-451.97	1713.33	10983.00	6295.93	-6252.35	1319.50	85.07	5863.73	140.02	41.88	PASS
6117.00†	5615.16	-466.08	1766.84	10983.00	6295.93	-6252.35	1319.50	85.07	5843.32	142.38	41.04	PASS
6217.00†	5698.46	-480.20	1820.35	10983.00	6295.93	-6252.35	1319.50	85.07	5824.56	144.76	40.24	PASS
6317.00†	5781.75	-494.32	1873.86	10983.00	6295.93	-6252.35	1319.50	85.07	5807.46	147.15	39.47	PASS
6411.94	5860.83	-507.72	1924.66	10983.00	6295.93	-6252.35	1319.50	85.07	5792.78	149.44	38.76	PASS
6417.00†	5865.04	-508.45	1927.37	10983.00	6295.93	-6252.35	1319.50	84.34	5792.02	149.56	38.73	PASS
6517.00†	5946.70	-531.97	1979.83	10983.00	6295.93	-6252.35	1319.50	71.36	5768.94	151.99	37.96	PASS
6617.00†	6023.70	-571.99	2029.27	10983.00	6295.93	-6252.35	1319.50	61.64	5731.00	154.50	37.09	PASS
6717.00†	6093.69	-627.29	2074.20	10983.00	6295.93	-6252.35	1319.50	55.11	5679.07	156.65	36.25	PASS
6817.00†	6154.53	-696.19	2113.25	10983.00	6295.93	-6252.35	1319.50	51.32	5614.35	158.40	35.44	PASS
6917.00†	6204.40	-776.60	2145.23	10983.00	6295.93	-6252.35	1319.50	50.14	5538.42	159.76	34.67	PASS
7017.00†	6241.76	-866.07	2169.17	10983.00	6295.93	-6252.35	1319.50	52.12	5453.15	160.79	33.92	PASS
7117.00†	6265.49	-961.89	2184.35	10983.00	6295.93	-6252.35	1319.50	59.88	5360.77	161.53	33.19	PASS
7217.00†	6274.86	-1061.14	2190.30	10983.00	6295.93	-6252.35	1319.50	84.77	5263.78	162.04	32.49	PASS
7231.02	6275.00	-1075.17	2190.38	10983.00	6295.93	-6252.35	1319.50	91.38	5249.96	162.09	32.39	PASS
7317.00†	6275.00	-1161.14	2190.32	10983.00	6295.93	-6252.35	1319.50	91.38	5165.19	162.40	31.80	PASS
7417.00†	6275.00	-1261.14	2190.24	10983.00	6295.93	-6252.35	1319.50	91.38	5066.63	162.79	31.12	PASS
7517.00†	6275.00	-1361.14	2190.17	10983.00	6295.93	-6252.35	1319.50	91.38	4968.14	163.19	30.44	PASS
7617.00†	6275.00	-1461.14	2190.10	10983.00	6295.93	-6252.35	1319.50	91.38	4869.71	163.61	29.76	PASS
7717.00†	6275.00	-1561.14	2190.02	10983.00	6295.93	-6252.35	1319.50	91.38	4771.34	164.06	29.08	PASS
7817.00†	6275.00	-1661.14	2189.95	10983.00	6295.93	-6252.35	1319.50	91.38	4673.04	164.53	28.40	PASS
7917.00†	6275.00	-1761.14	2189.88	10983.00	6295.93	-6252.35	1319.50	91.38	4574.81	165.03	27.72	PASS
8017.00†	6275.00	-1861.14	2189.80	10983.00	6295.93	-6252.35	1319.50	91.38	4476.67	165.55	27.04	PASS
8117.00†	6275.00	-1961.14	2189.73	10983.00	6295.93	-6252.35	1319.50	91.38	4378.61	166.11	26.36	PASS
8217.00†	6275.00	-2061.14	2189.66	10983.00	6295.93	-6252.35	1319.50	91.38	4280.63	166.70	25.68	PASS
8317.00†	6275.00	-2161.14	2189.58	10983.00	6295.93	-6252.35	1319.50	91.38	4182.76	167.33	25.00	PASS
8417.00†	6275.00	-2261.14	2189.51	10983.00	6295.93	-6252.35	1319.50	91.38	4084.98	167.99	24.32	PASS
8517.00†	6275.00	-2361.14	2189.44	10983.00	6295.93	-6252.35	1319.50	91.38	3987.32	168.70	23.64	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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
8617.00†	6275.00	-2461.14	2189.36	10983.00	6295.93	-6252.35	1319.50	91.38	3889.77	169.45	22.96	PASS
8717.00†	6275.00	-2561.14	2189.29	10983.00	6295.93	-6252.35	1319.50	91.38	3792.36	170.25	22.27	PASS
8817.00†	6275.00	-2661.14	2189.21	10983.00	6295.93	-6252.35	1319.50	91.38	3695.08	171.11	21.59	PASS
8917.00†	6275.00	-2761.14	2189.14	10983.00	6295.93	-6252.35	1319.50	91.38	3597.95	172.03	20.91	PASS
9017.00†	6275.00	-2861.14	2189.07	10983.00	6295.93	-6252.35	1319.50	91.38	3500.98	173.01	20.24	PASS
9117.00†	6275.00	-2961.14	2188.99	10983.00	6295.93	-6252.35	1319.50	91.38	3404.19	174.07	19.56	PASS
9217.00†	6275.00	-3061.14	2188.92	10983.00	6295.93	-6252.35	1319.50	91.38	3307.59	175.21	18.88	PASS
9317.00†	6275.00	-3161.14	2188.85	10983.00	6295.93	-6252.35	1319.50	91.38	3211.19	176.43	18.20	PASS
9417.00†	6275.00	-3261.14	2188.77	10983.00	6295.93	-6252.35	1319.50	91.38	3115.03	177.75	17.52	PASS
9517.00†	6275.00	-3361.14	2188.70	10983.00	6295.93	-6252.35	1319.50	91.38	3019.11	179.18	16.85	PASS
9617.00†	6275.00	-3461.14	2188.63	10983.00	6295.93	-6252.35	1319.50	91.38	2923.47	180.74	16.18	PASS
9717.00†	6275.00	-3561.14	2188.55	10983.00	6295.93	-6252.35	1319.50	91.38	2828.12	182.42	15.50	PASS
9817.00†	6275.00	-3661.14	2188.48	10983.00	6295.93	-6252.35	1319.50	91.38	2733.12	184.25	14.83	PASS
9917.00†	6275.00	-3761.14	2188.41	10983.00	6295.93	-6252.35	1319.50	91.38	2638.47	186.25	14.17	PASS
10017.00†	6275.00	-3861.14	2188.33	10983.00	6295.93	-6252.35	1319.50	91.38	2544.24	188.44	13.50	PASS
10117.00†	6275.00	-3961.14	2188.26	10983.00	6295.93	-6252.35	1319.50	91.38	2450.47	190.84	12.84	PASS
10217.00†	6275.00	-4061.14	2188.19	10983.00	6295.93	-6252.35	1319.50	91.38	2357.21	193.47	12.18	PASS
10317.00†	6275.00	-4161.14	2188.11	10983.00	6295.93	-6252.35	1319.50	91.38	2264.52	196.36	11.53	PASS
10417.00†	6275.00	-4261.14	2188.04	10983.00	6295.93	-6252.35	1319.50	91.38	2172.49	199.55	10.89	PASS
10517.00†	6275.00	-4361.14	2187.97	10983.00	6295.93	-6252.35	1319.50	91.38	2081.19	203.08	10.25	PASS
10617.00†	6275.00	-4461.14	2187.89	10983.00	6295.93	-6252.35	1319.50	91.38	1990.72	206.99	9.62	PASS
10717.00†	6275.00	-4561.14	2187.82	10983.00	6295.93	-6252.35	1319.50	91.38	1901.21	211.31	9.00	PASS
10817.00†	6275.00	-4661.14	2187.75	10983.00	6295.93	-6252.35	1319.50	91.38	1812.80	216.12	8.39	PASS
10917.00†	6275.00	-4761.14	2187.67	10983.00	6295.93	-6252.35	1319.50	91.38	1725.65	221.45	7.79	PASS
11017.00†	6275.00	-4861.14	2187.60	10983.00	6295.93	-6252.35	1319.50	91.38	1639.97	227.37	7.21	PASS
11117.00†	6275.00	-4961.14	2187.52	10983.00	6295.93	-6252.35	1319.50	91.38	1556.00	233.95	6.65	PASS
11217.00†	6275.00	-5061.14	2187.45	10983.00	6295.93	-6252.35	1319.50	91.38	1474.03	241.22	6.11	PASS
11317.00†	6275.00	-5161.14	2187.38	10983.00	6295.93	-6252.35	1319.50	91.38	1394.41	249.25	5.59	PASS
11417.00†	6275.00	-5261.14	2187.30	10983.00	6295.93	-6252.35	1319.50	91.38	1317.58	258.06	5.11	PASS
11517.00†	6275.00	-5361.14	2187.23	10983.00	6295.93	-6252.35	1319.50	91.38	1244.04	267.63	4.65	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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
11617.00†	6275.00	-5461.14	2187.16	10983.00	6295.93	-6252.35	1319.50	91.38	1174.43	277.90	4.23	PASS
11717.00†	6275.00	-5561.14	2187.08	10983.00	6295.93	-6252.35	1319.50	91.38	1109.46	288.72	3.84	PASS
11817.00†	6275.00	-5661.14	2187.01	10983.00	6295.93	-6252.35	1319.50	91.38	1050.02	299.82	3.50	PASS
11917.00†	6275.00	-5761.14	2186.94	10983.00	6295.93	-6252.35	1319.50	91.38	997.08	310.76	3.21	PASS
12017.00†	6275.00	-5861.14	2186.86	10983.00	6295.93	-6252.35	1319.50	91.38	951.74	320.94	2.97	PASS
12117.00†	6275.00	-5961.14	2186.79	10983.00	6295.93	-6252.35	1319.50	91.38	915.11	329.60	2.78	PASS
12217.00†	6275.00	-6061.14	2186.72	10983.00	6295.93	-6252.35	1319.50	91.38	888.29	335.90	2.64	PASS
12317.00†	6275.00	-6161.14	2186.64	10983.00	6295.93	-6252.35	1319.50	91.38	872.18	339.08	2.57	PASS
12417.00†	6275.00	-6261.14	2186.57	10954.47	6295.83	-6280.87	1320.15	91.38	866.90	339.21	2.56	PASS
12517.00†	6275.00	-6361.14	2186.50	10859.06	6295.44	-6376.26	1322.13	91.35	864.74	339.40	2.55	PASS
12617.00†	6275.00	-6461.14	2186.42	10753.79	6294.08	-6481.50	1323.80	91.27	863.08	339.76	2.54	PASS
12717.00†	6275.00	-6561.14	2186.35	10670.49	6292.60	-6564.78	1325.14	91.17	861.39	339.73	2.54	PASS
12817.00†	6275.00	-6661.14	2186.28	10581.60	6292.04	-6653.66	1324.68	91.13	861.79	339.77	2.54	PASS
12917.00†	6275.00	-6761.14	2186.20	10466.27	6291.74	-6768.99	1324.31	91.11	862.09	340.44	2.53	PASS
13017.00†	6275.00	-6861.14	2186.13	10366.43	6292.80	-6868.82	1325.58	91.19	860.77	340.76	2.53	PASS
13117.00†	6275.00	-6961.14	2186.06	10268.00	6292.40	-6967.24	1326.50	91.16	859.76	341.05	2.52	PASS
13217.00†	6275.00	-7061.14	2185.98	10167.42	6290.49	-7067.80	1327.21	91.03	858.94	341.40	2.52	PASS
13317.00†	6275.00	-7161.14	2185.91	10072.03	6287.65	-7163.14	1327.34	90.84	858.67	341.63	2.51	PASS
13417.00†	6275.00	-7261.14	2185.84	9976.95	6289.32	-7258.20	1326.56	90.96	859.40	341.89	2.51	PASS
13517.00†	6275.00	-7361.14	2185.76	9859.88	6294.11	-7375.16	1327.95	91.28	858.14	342.66	2.50	PASS
13617.00†	6275.00	-7461.14	2185.69	9762.54	6295.47	-7472.47	1329.58	91.37	856.43	343.00	2.50	PASS
13717.00†	6275.00	-7561.14	2185.61	9667.94	6294.85	-7567.06	1331.05	91.33	854.82	343.29	2.49	PASS
13817.00†	6275.00	-7661.14	2185.54	9577.89	6294.40	-7657.10	1331.41	91.30	854.37	343.46	2.49	PASS
13917.00†	6275.00	-7761.14	2185.47	9475.04	6293.76	-7759.94	1330.57	91.26	855.10	343.97	2.49	PASS
14017.00†	6275.00	-7861.14	2185.39	9369.90	6292.81	-7865.07	1331.11	91.19	854.48	344.55	2.48	PASS
14117.00†	6275.00	-7961.14	2185.32	9262.26	6292.73	-7972.69	1333.15	91.19	852.43	345.18	2.47	PASS
14217.00†	6275.00	-8061.14	2185.25	9164.74	6292.61	-8070.20	1334.09	91.19	851.38	345.62	2.46	PASS
14317.00†	6275.00	-8161.14	2185.17	9080.23	6292.37	-8154.71	1334.18	91.17	851.19	345.74	2.46	PASS
14417.00†	6275.00	-8261.14	2185.10	8949.33	6292.22	-8285.58	1336.18	91.16	849.44	346.99	2.45	PASS
14517.00†	6275.00	-8361.14	2185.03	8849.46	6292.08	-8385.39	1339.74	91.16	845.81	347.55	2.43	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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
14617.00†	6275.00	-8461.14	2184.95	8753.54	6292.24	-8481.27	1342.06	91.17	843.32	348.08	2.42	PASS
14717.00†	6275.00	-8561.14	2184.88	8668.14	6292.70	-8566.66	1343.13	91.20	841.95	348.38	2.42	PASS
14817.00†	6275.00	-8661.14	2184.81	8572.04	6293.02	-8662.76	1343.84	91.23	841.16	348.94	2.41	PASS
14917.00†	6275.00	-8761.14	2184.73	8471.51	6293.71	-8763.29	1343.86	91.28	841.08	349.67	2.41	PASS
15017.00†	6275.00	-8861.14	2184.66	8388.59	6294.64	-8846.20	1343.04	91.34	841.98	349.86	2.41	PASS
15117.00†	6275.00	-8961.14	2184.59	8280.79	6294.98	-8953.99	1341.80	91.36	843.06	350.93	2.40	PASS
15217.00†	6275.00	-9061.14	2184.51	8180.38	6293.75	-9054.39	1341.18	91.27	843.57	351.79	2.40	PASS
15317.00†	6275.00	-9161.14	2184.44	8059.11	6291.75	-9175.64	1341.62	91.14	843.11	353.36	2.39	PASS
15417.00†	6275.00	-9261.14	2184.37	7962.61	6289.76	-9272.10	1343.43	91.01	841.14	354.23	2.37	PASS
15517.00†	6275.00	-9361.14	2184.29	7853.64	6287.78	-9381.02	1345.94	90.87	838.69	355.56	2.36	PASS
15617.00†	6275.00	-9461.14	2184.22	7758.71	6287.63	-9475.92	1348.03	90.87	836.42	356.57	2.35	PASS
15717.00†	6275.00	-9561.14	2184.15	7651.62	6289.92	-9582.97	1350.47	91.03	834.09	358.09	2.33	PASS
15817.00†	6275.00	-9661.14	2184.07	7545.54	6290.53	-9688.96	1354.66	91.07	830.03	359.69	2.31	PASS
15917.00†	6275.00	-9761.14	2184.00	7433.09	6291.48	-9801.32	1358.80	91.14	826.34	361.65	2.28	PASS
16017.00†	6275.00	-9861.14	2183.92	7340.09	6291.94	-9894.20	1363.46	91.18	821.31	363.12	2.26	PASS
16117.00†	6275.00	-9961.14	2183.85	7247.53	6290.21	-9986.68	1366.80	91.07	817.59	364.65	2.24	PASS
16217.00†	6275.00	-10061.14	2183.78	7145.24	6289.47	-10088.91	1370.22	91.02	814.16	366.75	2.22	PASS
16317.00†	6275.00	-10161.14	2183.70	7066.85	6290.19	-10167.28	1371.67	91.07	812.20	367.81	2.21	PASS
16347.00†	6275.00	-10191.14	2183.68	7042.05	6290.83	-10192.07	1371.79	91.12	812.05	368.18	2.21	PASS
16417.00†	6275.00	-10261.14	2183.63	6992.57	6292.59	-10241.52	1371.35	91.24	812.71	368.46	2.21	PASS
16517.00†	6275.00	-10361.14	2183.56	6911.94	6292.14	-10322.06	1368.39	91.21	816.28	368.38	2.22	PASS
16617.00†	6275.00	-10461.14	2183.48	6785.42	6280.30	-10447.88	1363.29	90.37	820.32	373.45	2.20	PASS
16696.22†	6275.00	-10540.36	2183.43	6704.53	6265.27	-10527.33	1362.31	89.32	821.27	393.16	2.09	PASS
16717.00†	6275.00	-10561.14	2183.41	6683.86	6260.41	-10547.42	1362.06	88.98	821.60	375.32	2.19	PASS
16817.00†	6275.00	-10661.14	2183.34	6560.60	6223.02	-10664.64	1363.19	86.37	821.80	377.97	2.18	PASS
16849.94	6275.00	-10694.08	2183.31	6528.66	6208.81	-10693.22	1364.27	85.38	821.71	377.89	2.18	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

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	-6586.30	-66.63	-6589.57	-50.98
7in Casing Intermediate	12.00	6842.50	6830.50	41.00	6281.86	-6586.30	-66.63	-6460.39	382.71

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



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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: 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	-40.44	0.00	-180.00	40.44	1.40	66.06	PASS
117.00†	117.00	0.00	0.00	117.00	117.00	-40.44	0.00	-180.00	40.44	2.02	32.51	PASS
217.00†	217.00	0.00	0.00	217.00	217.00	-40.44	0.00	-180.00	40.44	3.00	18.02	PASS
317.00†	317.00	0.00	0.00	317.00	317.00	-40.44	0.00	-180.00	40.44	4.02	12.30	PASS
417.00†	417.00	0.00	0.00	417.00	417.00	-40.44	0.00	-180.00	40.44	5.06	9.31	PASS
517.00†	517.00	0.00	0.00	517.00	517.00	-40.44	0.00	-180.00	40.44	6.10	7.48	PASS
617.00†	617.00	0.00	0.00	617.00	617.00	-40.44	0.00	-180.00	40.44	7.14	6.25	PASS
717.00†	717.00	0.00	0.00	717.00	717.00	-40.44	0.00	-180.00	40.44	8.18	5.37	PASS
817.00†	817.00	0.00	0.00	817.00	817.00	-40.44	0.00	-180.00	40.44	9.23	4.70	PASS
917.00†	917.00	0.00	0.00	917.00	917.00	-40.44	0.00	-180.00	40.44	10.27	4.19	PASS
1017.00†	1017.00	0.00	0.00	1017.00	1017.00	-40.44	0.00	-180.00	40.44	11.32	3.77	PASS
1117.00†	1117.00	0.00	0.00	1117.00	1117.00	-40.44	0.00	-180.00	40.44	12.36	3.43	PASS
1217.00†	1217.00	0.00	0.00	1217.00	1217.00	-40.44	0.00	-180.00	40.44	13.41	3.14	PASS
1317.00†	1317.00	0.00	0.00	1317.00	1317.00	-40.44	0.00	-180.00	40.44	14.46	2.90	PASS
1417.00†	1417.00	0.00	0.00	1417.00	1417.00	-40.44	0.00	-180.00	40.44	15.50	2.70	PASS
1517.00†	1517.00	0.00	0.00	1517.00	1517.00	-40.44	0.00	-180.00	40.44	16.55	2.52	PASS
1617.00†	1617.00	0.00	0.00	1617.00	1617.00	-40.44	0.00	-180.00	40.44	16.27	2.48	PASS
1717.00†	1717.00	0.00	0.00	1717.00	1717.00	-40.44	0.00	-180.00	40.44	16.33	2.48	PASS
1817.00†	1817.00	0.00	0.00	1817.00	1817.00	-40.44	0.00	-180.00	40.44	16.46	2.46	PASS
1917.00†	1917.00	0.00	0.00	1917.00	1917.00	-40.44	0.00	-180.00	40.44	16.65	2.43	PASS
2000.00	2000.00	0.00	0.00	2000.00	2000.00	-40.44	0.00	-180.00	40.44	16.85	2.40	PASS
2017.00†	2017.00	-0.01	0.05	2016.90	2016.90	-40.46	0.05	75.23	40.45	16.90	2.39	PASS
2117.00†	2116.97	-0.61	2.31	2116.34	2116.31	-41.39	2.16	75.40	40.78	17.22	2.37	PASS
2189.23†	2189.09	-1.59	6.04	2188.15	2188.02	-42.92	5.65	75.69	41.35	17.51	2.36	PASS
2217.00†	2216.79	-2.10	7.94	2215.77	2215.56	-43.71	7.44	75.84	41.63	17.63	2.36	PASS
2317.00†	2316.35	-4.47	16.94	2315.19	2314.55	-47.41	15.86	76.49	42.99	18.10	2.38	PASS
2417.00†	2415.53	-7.73	29.29	2414.60	2413.15	-52.49	27.42	77.32	44.86	18.65	2.41	PASS
2517.00†	2514.20	-11.87	44.99	2514.00	2511.24	-58.94	42.10	78.28	47.25	19.29	2.45	PASS
2617.00†	2612.24	-16.88	64.00	2613.37	2608.70	-66.76	59.89	79.31	50.17	20.07	2.50	PASS
2717.00†	2709.54	-22.77	86.31	2712.73	2705.40	-75.92	80.75	80.38	53.61	21.01	2.55	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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: 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
2817.00†	2805.97	-29.51	111.88	2812.06	2801.22	-86.43	104.66	81.43	57.57	22.15	2.60	PASS
2917.00†	2901.42	-37.12	140.70	2911.36	2896.06	-98.27	131.60	82.46	62.06	23.52	2.64	PASS
3017.00†	2995.77	-45.56	172.72	3010.89	2990.16	-111.32	161.30	83.72	66.98	25.16	2.66	PASS
3117.00†	3088.91	-54.84	207.91	3110.68	3084.33	-124.61	191.53	87.16	71.81	27.08	2.65	PASS
3217.00†	3180.72	-64.95	246.21	3210.27	3178.31	-137.87	221.70	92.72	76.96	29.26	2.63	PASS
3317.00†	3271.10	-75.87	287.59	3309.54	3271.99	-151.08	251.78	99.87	83.31	31.60	2.64	PASS
3417.00†	3359.92	-87.58	332.00	3408.38	3365.25	-164.24	281.72	107.92	91.83	33.90	2.71	PASS
3517.00†	3447.09	-100.08	379.37	3506.65	3457.99	-177.32	311.49	116.14	103.41	35.97	2.87	PASS
3617.00†	3532.50	-113.34	429.66	3604.25	3550.08	-190.32	341.06	123.90	118.68	37.70	3.15	PASS
3680.03	3585.38	-122.09	462.83	3665.36	3607.75	-198.45	359.57	128.37	130.36	38.62	3.38	PASS
3717.00†	3616.17	-127.31	482.61	3701.10	3641.48	-203.21	370.40	130.86	137.82	39.10	3.52	PASS
3817.00†	3699.46	-141.43	536.12	3797.79	3732.73	-216.09	399.69	136.42	159.04	40.33	3.94	PASS
3917.00†	3782.75	-155.54	589.63	3894.48	3823.97	-228.96	428.99	140.66	181.37	41.54	4.37	PASS
4017.00†	3866.04	-169.66	643.14	3991.17	3915.21	-241.83	458.28	143.97	204.45	42.75	4.78	PASS
4117.00†	3949.33	-183.77	696.65	4087.86	4006.45	-254.70	487.57	146.60	228.05	43.98	5.19	PASS
4217.00†	4032.63	-197.89	750.16	4184.55	4097.69	-267.58	516.86	148.75	252.03	45.23	5.57	PASS
4317.00†	4115.92	-212.00	803.67	4281.24	4188.93	-280.45	546.16	150.52	276.28	46.51	5.94	PASS
4417.00†	4199.21	-226.12	857.18	4377.93	4280.17	-293.32	575.45	152.01	300.74	47.81	6.29	PASS
4517.00†	4282.50	-240.24	910.69	4474.62	4371.42	-306.20	604.74	153.27	325.36	49.14	6.62	PASS
4617.00†	4365.79	-254.35	964.20	4571.30	4462.66	-319.07	634.03	154.35	350.11	50.49	6.93	PASS
4717.00†	4449.08	-268.47	1017.71	4667.99	4553.90	-331.94	663.33	155.30	374.97	51.86	7.23	PASS
4817.00†	4532.37	-282.58	1071.22	4764.68	4645.14	-344.81	692.62	156.12	399.91	53.25	7.51	PASS
4917.00†	4615.67	-296.70	1124.73	4861.37	4736.38	-357.69	721.91	156.85	424.91	54.65	7.77	PASS
5017.00†	4698.96	-310.81	1178.24	4958.06	4827.62	-370.56	751.20	157.50	449.98	56.07	8.02	PASS
5117.00†	4782.25	-324.93	1231.75	5054.75	4918.87	-383.43	780.50	158.08	475.09	57.51	8.26	PASS
5217.00†	4865.54	-339.04	1285.26	5151.44	5010.11	-396.31	809.79	158.60	500.25	58.95	8.49	PASS
5317.00†	4948.83	-353.16	1338.77	5248.13	5101.35	-409.18	839.08	159.07	525.44	60.40	8.70	PASS
5417.00†	5032.12	-367.28	1392.27	5344.82	5192.59	-422.05	868.37	159.50	550.66	61.87	8.90	PASS
5517.00†	5115.41	-381.39	1445.78	5441.51	5283.83	-434.92	897.67	159.89	575.90	63.34	9.09	PASS
5617.00†	5198.71	-395.51	1499.29	5538.20	5375.07	-447.80	926.96	160.25	601.17	64.83	9.27	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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: 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
5717.00†	5282.00	-409.62	1552.80	5634.89	5466.32	-460.67	956.25	160.58	626.46	66.32	9.45	PASS
5817.00†	5365.29	-423.74	1606.31	5731.57	5557.56	-473.54	985.54	160.88	651.77	67.82	9.61	PASS
5917.00†	5448.58	-437.85	1659.82	5828.26	5648.80	-486.41	1014.84	161.16	677.09	69.32	9.77	PASS
6017.00†	5531.87	-451.97	1713.33	5924.95	5740.04	-499.29	1044.13	161.43	702.43	70.83	9.92	PASS
6117.00†	5615.16	-466.08	1766.84	6019.51	5829.17	-512.55	1072.75	161.61	727.82	72.39	10.05	PASS
6217.00†	5698.46	-480.20	1820.35	6108.10	5910.60	-535.29	1098.95	160.94	753.97	75.06	10.04	PASS
6317.00†	5781.75	-494.32	1873.86	6191.77	5983.56	-568.61	1122.48	159.40	781.55	78.95	9.90	PASS
6411.94	5860.83	-507.72	1924.66	6264.12	6042.34	-606.17	1141.50	157.45	809.93	83.35	9.72	PASS
6417.00†	5865.04	-508.45	1927.37	6267.77	6045.18	-608.27	1142.42	156.43	811.51	83.59	9.71	PASS
6517.00†	5946.70	-531.97	1979.83	6338.65	6097.67	-652.68	1159.46	137.97	842.83	88.09	9.57	PASS
6617.00†	6023.70	-571.99	2029.27	6407.86	6143.50	-702.29	1174.39	123.15	873.02	91.99	9.49	PASS
6717.00†	6093.69	-627.29	2074.20	6475.90	6182.67	-756.37	1187.21	111.84	900.75	95.08	9.47	PASS
6817.00†	6154.53	-696.19	2113.25	6543.12	6215.10	-814.23	1197.89	103.45	924.93	97.32	9.50	PASS
6917.00†	6204.40	-776.60	2145.23	6609.79	6240.68	-875.17	1206.38	97.43	944.71	98.77	9.57	PASS
7017.00†	6241.76	-866.07	2169.17	6676.10	6259.25	-938.47	1212.65	93.34	959.42	99.60	9.63	PASS
7117.00†	6265.49	-961.89	2184.35	6742.16	6270.70	-1003.38	1216.64	90.93	968.61	100.05	9.68	PASS
7217.00†	6274.86	-1061.14	2190.30	6808.10	6274.97	-1069.12	1218.34	90.01	971.99	100.33	9.69	PASS
7231.02	6275.00	-1075.17	2190.38	6819.01	6275.00	-1080.03	1218.40	90.00	971.99	100.56	9.67	PASS
7317.00†	6275.00	-1161.14	2190.32	6904.99	6275.00	-1166.01	1218.83	90.00	971.49	104.29	9.31	PASS
7417.00†	6275.00	-1261.14	2190.24	7004.99	6275.00	-1266.00	1219.34	90.00	970.92	108.93	8.91	PASS
7517.00†	6275.00	-1361.14	2190.17	7104.98	6275.00	-1366.00	1219.84	90.00	970.35	113.75	8.53	PASS
7617.00†	6275.00	-1461.14	2190.10	7204.98	6275.00	-1466.00	1220.34	90.00	969.77	118.72	8.17	PASS
7717.00†	6275.00	-1561.14	2190.02	7304.98	6275.00	-1565.99	1220.84	90.00	969.20	123.81	7.83	PASS
7817.00†	6275.00	-1661.14	2189.95	7404.98	6275.00	-1665.99	1221.34	90.00	968.62	129.01	7.51	PASS
7917.00†	6275.00	-1761.14	2189.88	7504.98	6275.00	-1765.99	1221.84	90.00	968.05	134.31	7.21	PASS
8017.00†	6275.00	-1861.14	2189.80	7604.98	6275.00	-1865.99	1222.34	90.00	967.48	139.70	6.93	PASS
8117.00†	6275.00	-1961.14	2189.73	7704.97	6275.00	-1965.98	1222.84	90.00	966.90	145.44	6.65	PASS
8217.00†	6275.00	-2061.14	2189.66	7804.97	6275.00	-2065.98	1223.34	90.00	966.33	150.70	6.41	PASS
8317.00†	6275.00	-2161.14	2189.58	7904.97	6275.00	-2165.98	1223.84	90.00	965.75	156.30	6.18	PASS
8417.00†	6275.00	-2261.14	2189.51	8004.97	6275.00	-2265.97	1224.34	90.00	965.18	161.96	5.96	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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: 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
8517.00†	6275.00	-2361.14	2189.44	8104.97	6275.00	-2365.97	1224.84	90.00	964.61	167.66	5.75	PASS
8617.00†	6275.00	-2461.14	2189.36	8204.97	6275.00	-2465.97	1225.34	90.00	964.03	173.41	5.56	PASS
8717.00†	6275.00	-2561.14	2189.29	8304.96	6275.00	-2565.96	1225.84	90.00	963.46	179.21	5.38	PASS
8817.00†	6275.00	-2661.14	2189.21	8404.96	6275.00	-2665.96	1226.34	90.00	962.88	185.03	5.20	PASS
8917.00†	6275.00	-2761.14	2189.14	8504.96	6275.00	-2765.96	1226.84	90.00	962.31	190.90	5.04	PASS
9017.00†	6275.00	-2861.14	2189.07	8604.96	6275.00	-2865.96	1227.34	90.00	961.74	196.79	4.89	PASS
9117.00†	6275.00	-2961.14	2188.99	8704.96	6275.00	-2965.95	1227.84	90.00	961.16	202.71	4.74	PASS
9217.00†	6275.00	-3061.14	2188.92	8804.96	6275.00	-3065.95	1228.35	90.00	960.59	208.66	4.60	PASS
9317.00†	6275.00	-3161.14	2188.85	8904.95	6275.00	-3165.95	1228.85	90.00	960.01	214.63	4.47	PASS
9417.00†	6275.00	-3261.14	2188.77	9004.95	6275.00	-3265.94	1229.35	90.00	959.44	220.62	4.35	PASS
9517.00†	6275.00	-3361.14	2188.70	9104.95	6275.00	-3365.94	1229.85	90.00	958.87	226.63	4.23	PASS
9617.00†	6275.00	-3461.14	2188.63	9204.95	6275.00	-3465.94	1230.35	90.00	958.29	232.66	4.12	PASS
9717.00†	6275.00	-3561.14	2188.55	9304.95	6275.00	-3565.94	1230.85	90.00	957.72	238.71	4.01	PASS
9817.00†	6275.00	-3661.14	2188.48	9404.95	6275.00	-3665.93	1231.35	90.00	957.14	244.78	3.91	PASS
9917.00†	6275.00	-3761.14	2188.41	9504.94	6275.00	-3765.93	1231.85	90.00	956.57	250.85	3.81	PASS
10017.00†	6275.00	-3861.14	2188.33	9604.94	6275.00	-3865.93	1232.35	90.00	956.00	256.95	3.72	PASS
10117.00†	6275.00	-3961.14	2188.26	9704.94	6275.00	-3965.92	1232.85	90.00	955.42	263.05	3.63	PASS
10217.00†	6275.00	-4061.14	2188.19	9804.94	6275.00	-4065.92	1233.35	90.00	954.85	269.17	3.55	PASS
10317.00†	6275.00	-4161.14	2188.11	9904.94	6275.00	-4165.92	1233.85	90.00	954.27	275.30	3.47	PASS
10417.00†	6275.00	-4261.14	2188.04	10004.94	6275.00	-4265.92	1234.35	90.00	953.70	281.43	3.39	PASS
10517.00†	6275.00	-4361.14	2187.97	10104.93	6275.00	-4365.91	1234.85	90.00	953.12	287.58	3.31	PASS
10617.00†	6275.00	-4461.14	2187.89	10204.93	6275.00	-4465.91	1235.35	90.00	952.55	293.74	3.24	PASS
10717.00†	6275.00	-4561.14	2187.82	10304.93	6275.00	-4565.91	1235.85	90.00	951.98	299.90	3.17	PASS
10817.00†	6275.00	-4661.14	2187.75	10404.93	6275.00	-4665.90	1236.35	90.00	951.40	306.08	3.11	PASS
10917.00†	6275.00	-4761.14	2187.67	10504.93	6275.00	-4765.90	1236.86	90.00	950.83	312.26	3.05	PASS
11017.00†	6275.00	-4861.14	2187.60	10604.93	6275.00	-4865.90	1237.36	90.00	950.25	318.44	2.98	PASS
11117.00†	6275.00	-4961.14	2187.52	10704.93	6275.00	-4965.90	1237.86	90.00	949.68	324.64	2.93	PASS
11217.00†	6275.00	-5061.14	2187.45	10804.92	6275.00	-5065.89	1238.36	90.00	949.11	330.84	2.87	PASS
11317.00†	6275.00	-5161.14	2187.38	10904.92	6275.00	-5165.89	1238.86	90.00	948.53	337.05	2.81	PASS
11417.00†	6275.00	-5261.14	2187.30	11004.92	6275.00	-5265.89	1239.36	90.00	947.96	343.26	2.76	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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: 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
11517.00†	6275.00	-5361.14	2187.23	11104.92	6275.00	-5365.88	1239.86	90.00	947.38	349.48	2.71	PASS
11617.00†	6275.00	-5461.14	2187.16	11204.92	6275.00	-5465.88	1240.36	90.00	946.81	355.70	2.66	PASS
11717.00†	6275.00	-5561.14	2187.08	11304.92	6275.00	-5565.88	1240.86	90.00	946.24	361.93	2.61	PASS
11817.00†	6275.00	-5661.14	2187.01	11404.91	6275.00	-5665.87	1241.36	90.00	945.66	368.16	2.57	PASS
11917.00†	6275.00	-5761.14	2186.94	11504.91	6275.00	-5765.87	1241.86	90.00	945.09	374.40	2.52	PASS
12017.00†	6275.00	-5861.14	2186.86	11599.07	6275.00	-5860.03	1242.33	90.00	944.53	379.79	2.49	PASS
12117.00†	6275.00	-5961.14	2186.79	11599.07	6275.00	-5860.03	1242.33	90.00	949.85	369.66	2.57	PASS
12217.00†	6275.00	-6061.14	2186.72	11599.07	6275.00	-5860.03	1242.33	90.00	965.56	356.25	2.71	PASS
12317.00†	6275.00	-6161.14	2186.64	11599.07	6275.00	-5860.03	1242.33	90.00	991.16	340.32	2.91	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	-24.65	0.00	-24.65	0.00

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



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STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

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



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STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	-6292.78	1004.74	170.93	9071.79	87.05	105.00	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
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		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	-6561.75	-112.58	-6561.20	-112.70
9.625in Casing Surface	17.00	789.00	772.00	47.00	818.99	-6561.87	-112.53	-6561.21	-112.72
8.75in Open Hole	800.00	7143.00	6343.00	829.99	6474.61	-6561.20	-112.70	-6419.94	247.33
7in Casing Intermediate	17.00	7143.00	7126.00	47.00	6474.61	-6561.87	-112.53	-6419.94	247.33
6.125in Open Hole	7143.00	11150.00	4007.00	6474.61	6473.68	-6419.94	247.33	-5198.98	249.98

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



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STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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: 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	-60.84	0.00	-180.00	60.84	1.40	100.06	PASS
117.00†	117.00	0.00	0.00	117.00	117.00	-60.84	0.00	-180.00	60.84	2.02	49.24	PASS
217.00†	217.00	0.00	0.00	217.00	217.00	-60.84	0.00	-180.00	60.84	3.00	27.30	PASS
317.00†	317.00	0.00	0.00	317.00	317.00	-60.84	0.00	-180.00	60.84	4.02	18.64	PASS
417.00†	417.00	0.00	0.00	417.00	417.00	-60.84	0.00	-180.00	60.84	5.06	14.11	PASS
517.00†	517.00	0.00	0.00	517.00	517.00	-60.84	0.00	-180.00	60.84	6.10	11.34	PASS
617.00†	617.00	0.00	0.00	617.00	617.00	-60.84	0.00	-180.00	60.84	7.14	9.47	PASS
717.00†	717.00	0.00	0.00	717.00	717.00	-60.84	0.00	-180.00	60.84	8.18	8.13	PASS
817.00†	817.00	0.00	0.00	817.00	817.00	-60.84	0.00	-180.00	60.84	9.23	7.13	PASS
917.00†	917.00	0.00	0.00	917.00	917.00	-60.84	0.00	-180.00	60.84	10.27	6.34	PASS
1017.00†	1017.00	0.00	0.00	1017.00	1017.00	-60.84	0.00	-180.00	60.84	11.32	5.71	PASS
1117.00†	1117.00	0.00	0.00	1117.00	1117.00	-60.84	0.00	-180.00	60.84	12.36	5.19	PASS
1217.00†	1217.00	0.00	0.00	1217.00	1217.00	-60.84	0.00	-180.00	60.84	13.41	4.76	PASS
1317.00†	1317.00	0.00	0.00	1317.00	1317.00	-60.84	0.00	-180.00	60.84	14.46	4.40	PASS
1417.00†	1417.00	0.00	0.00	1417.00	1417.00	-60.84	0.00	-180.00	60.84	15.50	4.08	PASS
1517.00†	1517.00	0.00	0.00	1517.00	1517.00	-60.84	0.00	-180.00	60.84	16.55	3.81	PASS
1617.00†	1617.00	0.00	0.00	1617.00	1617.00	-60.84	0.00	-180.00	60.84	16.27	3.74	PASS
1717.00†	1717.00	0.00	0.00	1717.00	1717.00	-60.84	0.00	-180.00	60.84	16.33	3.73	PASS
1817.00†	1817.00	0.00	0.00	1817.00	1817.00	-60.84	0.00	-180.00	60.84	16.46	3.70	PASS
1917.00†	1917.00	0.00	0.00	1917.00	1917.00	-60.84	0.00	-180.00	60.84	16.65	3.65	PASS
2000.00	2000.00	0.00	0.00	2000.00	2000.00	-60.84	0.00	-180.00	60.84	16.85	3.61	PASS
2017.00†	2017.00	-0.01	0.05	2016.80	2016.80	-60.87	0.04	75.23	60.86	16.90	3.60	PASS
2117.00†	2116.97	-0.61	2.31	2115.59	2115.56	-62.17	1.91	75.55	61.58	17.22	3.58	PASS
2142.25†	2142.19	-0.90	3.41	2140.53	2140.47	-62.81	2.83	75.70	61.93	17.33	3.57	PASS
2217.00†	2216.79	-2.10	7.94	2214.37	2214.17	-65.41	6.58	76.32	63.39	17.65	3.59	PASS
2317.00†	2316.35	-4.47	16.94	2313.10	2312.48	-70.59	14.04	77.45	66.30	18.13	3.66	PASS
2417.00†	2415.53	-7.73	29.29	2411.77	2410.35	-77.70	24.26	78.85	70.34	18.68	3.77	PASS
2517.00†	2514.20	-11.87	44.99	2510.35	2507.66	-86.71	37.23	80.40	75.53	19.32	3.91	PASS
2617.00†	2612.24	-16.88	64.00	2608.83	2604.26	-97.62	52.93	82.00	81.88	20.08	4.08	PASS
2717.00†	2709.54	-22.77	86.31	2708.35	2701.44	-109.83	70.50	84.36	88.85	20.97	4.24	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



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STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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: 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
2817.00†	2805.97	-29.51	111.88	2807.87	2798.63	-122.06	88.10	88.41	95.83	22.03	4.35	PASS
2917.00†	2901.42	-37.12	140.70	2907.11	2895.55	-134.25	105.65	93.78	103.43	23.29	4.44	PASS
3017.00†	2995.77	-45.56	172.72	3005.95	2992.07	-146.40	123.13	100.07	112.43	24.72	4.55	PASS
3117.00†	3088.91	-54.84	207.91	3104.26	3088.08	-158.48	140.52	106.83	123.62	26.29	4.70	PASS
3217.00†	3180.72	-64.95	246.21	3201.94	3183.46	-170.48	157.79	113.63	137.70	27.93	4.93	PASS
3317.00†	3271.10	-75.87	287.59	3298.85	3278.10	-182.39	174.93	120.11	155.21	29.56	5.25	PASS
3417.00†	3359.92	-87.58	332.00	3394.89	3371.88	-194.19	191.91	126.03	176.44	31.13	5.67	PASS
3517.00†	3447.09	-100.08	379.37	3489.92	3464.68	-205.86	208.72	131.28	201.55	32.62	6.18	PASS
3617.00†	3532.50	-113.34	429.66	3583.85	3556.41	-217.41	225.33	135.84	230.55	34.03	6.77	PASS
3680.03	3585.38	-122.09	462.83	3642.43	3613.61	-224.60	235.69	138.38	250.80	34.88	7.19	PASS
3717.00†	3616.17	-127.31	482.61	3676.63	3647.02	-228.81	241.74	139.90	263.20	35.36	7.44	PASS
3817.00†	3699.46	-141.43	536.12	3769.17	3737.38	-240.18	258.10	143.38	297.46	36.62	8.12	PASS
3917.00†	3782.75	-155.54	589.63	3861.70	3827.74	-251.55	274.47	146.16	332.52	37.87	8.78	PASS
4017.00†	3866.04	-169.66	643.14	3954.24	3918.11	-262.92	290.83	148.41	368.15	39.12	9.41	PASS
4117.00†	3949.33	-183.77	696.65	4046.77	4008.47	-274.29	307.19	150.27	404.19	40.37	10.01	PASS
4217.00†	4032.63	-197.89	750.16	4139.31	4098.83	-285.66	323.56	151.82	440.54	41.62	10.58	PASS
4317.00†	4115.92	-212.00	803.67	4231.84	4189.20	-297.03	339.92	153.15	477.14	42.89	11.13	PASS
4417.00†	4199.21	-226.12	857.18	4324.38	4279.56	-308.40	356.29	154.28	513.93	44.16	11.64	PASS
4517.00†	4282.50	-240.24	910.69	4416.91	4369.93	-319.77	372.65	155.26	550.87	45.44	12.12	PASS
4617.00†	4365.79	-254.35	964.20	4509.45	4460.29	-331.14	389.01	156.13	587.93	46.74	12.58	PASS
4717.00†	4449.08	-268.47	1017.71	4601.98	4550.65	-342.51	405.38	156.89	625.10	48.04	13.01	PASS
4817.00†	4532.37	-282.58	1071.22	4694.52	4641.02	-353.88	421.74	157.56	662.35	49.36	13.42	PASS
4917.00†	4615.67	-296.70	1124.73	4787.05	4731.38	-365.25	438.11	158.16	699.67	50.68	13.81	PASS
5017.00†	4698.96	-310.81	1178.24	4879.58	4821.74	-376.62	454.47	158.71	737.05	52.01	14.17	PASS
5117.00†	4782.25	-324.93	1231.75	4972.12	4912.11	-387.99	470.83	159.20	774.49	53.34	14.52	PASS
5217.00†	4865.54	-339.04	1285.26	5064.65	5002.47	-399.36	487.20	159.64	811.96	54.69	14.85	PASS
5317.00†	4948.83	-353.16	1338.77	5157.19	5092.84	-410.73	503.56	160.05	849.48	56.04	15.16	PASS
5417.00†	5032.12	-367.28	1392.27	5249.72	5183.20	-422.10	519.93	160.42	887.03	57.40	15.45	PASS
5517.00†	5115.41	-381.39	1445.78	5342.26	5273.56	-433.47	536.29	160.76	924.61	58.76	15.74	PASS
5617.00†	5198.71	-395.51	1499.29	5434.79	5363.93	-444.84	552.65	161.07	962.22	60.13	16.00	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



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STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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: 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
5717.00†	5282.00	-409.62	1552.80	5527.33	5454.29	-456.21	569.02	161.37	999.85	61.50	16.26	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
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		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	-37.09	0.00	-37.09	0.00

SURVEY PROGRAM - Offset Wellbore: 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



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STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	-6539.19	676.23	174.10	9080.41	78.13	117.20	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	-6552.99	-121.03	-6551.12	-120.32
8.75in Open Hole	798.00	6715.00	5917.00	827.96	6289.23	-6551.17	-120.36	-6484.66	144.02
7in Casing Intermediate	17.00	6661.00	6644.00	47.00	6284.14	-6552.99	-121.03	-6501.04	143.71
6.125in Open Hole	6715.00	10702.00	3987.00	6289.23	6280.83	-6484.66	144.02	-5269.64	145.60

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'>	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



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STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	-4712.81	3586.57	142.73	5922.33	25.40	240.69	PASS
117.00†	117.00	0.00	0.00	89.76	116.76	-4712.75	3586.65	142.73	5922.34	60.20	99.69	PASS
217.00†	217.00	0.00	0.00	230.13	257.13	-4712.35	3586.60	142.73	5922.12	60.22	99.65	PASS
317.00†	317.00	0.00	0.00	328.42	355.42	-4711.94	3586.05	142.73	5921.45	60.26	99.58	PASS
417.00†	417.00	0.00	0.00	420.51	447.50	-4711.60	3585.61	142.73	5920.87	60.20	99.49	PASS
517.00†	517.00	0.00	0.00	493.71	520.71	-4711.45	3585.45	142.73	5920.58	60.26	99.38	PASS
617.00†	617.00	0.00	0.00	644.71	671.70	-4711.51	3584.56	142.74	5920.33	60.34	99.24	PASS
717.00†	717.00	0.00	0.00	886.52	913.24	-4713.49	3573.98	142.83	5918.52	60.45	99.04	PASS
817.00†	817.00	0.00	0.00	1066.11	1091.92	-4716.81	3556.57	142.98	5913.80	60.56	98.77	PASS
917.00†	917.00	0.00	0.00	1132.88	1158.10	-4719.55	3548.09	143.07	5909.42	60.70	98.47	PASS
1017.00†	1017.00	0.00	0.00	1200.88	1225.35	-4723.37	3538.78	143.16	5905.64	60.85	98.17	PASS
1117.00†	1117.00	0.00	0.00	1282.13	1305.47	-4729.12	3526.55	143.29	5902.26	61.01	97.84	PASS
1217.00†	1217.00	0.00	0.00	1337.09	1359.50	-4733.83	3517.69	143.38	5899.45	61.19	97.51	PASS
1317.00†	1317.00	0.00	0.00	1387.96	1409.41	-4738.82	3509.25	143.48	5897.44	61.37	97.19	PASS
1417.00†	1417.00	0.00	0.00	1432.63	1453.30	-4743.38	3502.28	143.56	5896.35	61.55	96.87	PASS
1517.00†	1517.00	0.00	0.00	1477.48	1497.45	-4748.02	3495.89	143.64	5896.21	61.75	96.56	PASS
1617.00†	1617.00	0.00	0.00	1522.47	1541.78	-4752.82	3489.96	143.71	5897.01	61.46	96.40	PASS
1717.00†	1717.00	0.00	0.00	1567.83	1586.53	-4757.84	3484.43	143.78	5898.76	61.50	96.37	PASS
1817.00†	1817.00	0.00	0.00	1614.59	1632.68	-4763.23	3479.15	143.85	5901.43	61.55	96.33	PASS
1917.00†	1917.00	0.00	0.00	1674.33	1691.66	-4770.39	3472.96	143.94	5904.98	61.62	96.28	PASS
2000.00	2000.00	0.00	0.00	1759.94	1776.24	-4780.51	3464.44	144.07	5908.10	61.74	96.14	PASS
2017.00†	2017.00	-0.01	0.05	1772.65	1788.80	-4781.98	3463.22	39.30	5908.71	61.76	96.12	PASS
2117.00†	2116.97	-0.61	2.31	1849.01	1864.35	-4790.76	3456.36	39.39	5910.99	61.89	95.96	PASS
2217.00†	2216.79	-2.10	7.94	1943.63	1957.93	-4801.88	3447.87	39.55	5910.85	62.09	95.65	PASS
2317.00†	2316.35	-4.47	16.94	2164.70	2176.01	-4828.34	3423.19	40.07	5906.94	62.52	94.92	PASS
2417.00†	2415.53	-7.73	29.29	2237.48	2247.88	-4836.35	3414.99	40.33	5899.71	62.73	94.48	PASS
2517.00†	2514.20	-11.87	44.99	2294.59	2304.26	-4842.94	3408.71	40.60	5890.50	62.94	94.02	PASS
2617.00†	2612.24	-16.88	64.00	2350.85	2359.75	-4849.86	3402.55	40.90	5879.40	63.17	93.50	PASS
2717.00†	2709.54	-22.77	86.31	2409.83	2417.82	-4857.75	3395.88	41.26	5866.47	63.42	92.92	PASS
2817.00†	2805.97	-29.51	111.88	2491.67	2498.35	-4869.01	3386.66	41.73	5851.46	63.76	92.19	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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
2917.00†	2901.42	-37.12	140.70	2550.38	2556.05	-4877.48	3379.85	42.18	5834.42	64.09	91.45	PASS
3017.00†	2995.77	-45.56	172.72	2626.51	2630.61	-4889.45	3370.23	42.75	5815.55	64.51	90.56	PASS
3117.00†	3088.91	-54.84	207.91	2732.96	2734.70	-4906.57	3355.91	43.52	5794.36	65.07	89.45	PASS
3217.00†	3180.72	-64.95	246.21	2822.81	2822.60	-4920.70	3343.87	44.28	5770.80	65.66	88.27	PASS
3317.00†	3271.10	-75.87	287.59	2917.34	2915.25	-4935.20	3331.84	45.11	5745.19	66.35	86.96	PASS
3417.00†	3359.92	-87.58	332.00	3191.96	3185.26	-4971.15	3297.25	46.96	5715.98	67.63	84.88	PASS
3517.00†	3447.09	-100.08	379.37	3247.54	3240.09	-4977.26	3290.57	47.76	5683.73	68.44	83.40	PASS
3617.00†	3532.50	-113.34	429.66	3280.10	3272.19	-4981.10	3286.69	48.48	5650.26	69.32	81.85	PASS
3680.03	3585.38	-122.09	462.83	3300.18	3291.96	-4983.62	3284.29	48.94	5628.61	69.95	80.80	PASS
3717.00†	3616.17	-127.31	482.61	3311.85	3303.45	-4985.15	3282.89	49.02	5615.87	70.33	80.17	PASS
3817.00†	3699.46	-141.43	536.12	3343.83	3334.89	-4989.55	3279.03	49.21	5582.18	71.45	78.44	PASS
3917.00†	3782.75	-155.54	589.63	3376.49	3366.95	-4994.36	3275.05	49.42	5549.65	72.69	76.65	PASS
4017.00†	3866.04	-169.66	643.14	3409.09	3398.89	-4999.48	3271.04	49.63	5518.27	74.01	74.85	PASS
4117.00†	3949.33	-183.77	696.65	3444.78	3433.80	-5005.44	3266.60	49.85	5488.07	75.43	73.03	PASS
4217.00†	4032.63	-197.89	750.16	3483.33	3471.43	-5012.23	3261.70	50.11	5459.00	76.96	71.20	PASS
4317.00†	4115.92	-212.00	803.67	3522.52	3509.61	-5019.49	3256.62	50.36	5431.07	78.55	69.39	PASS
4417.00†	4199.21	-226.12	857.18	3572.47	3558.18	-5029.12	3250.02	50.70	5404.20	80.28	67.56	PASS
4517.00†	4282.50	-240.24	910.69	4191.63	4168.99	-5103.05	3188.94	54.58	5371.25	84.12	64.07	PASS
4617.00†	4365.79	-254.35	964.20	4336.55	4313.51	-5109.31	3180.45	55.43	5337.15	86.19	62.13	PASS
4717.00†	4449.08	-268.47	1017.71	4403.74	4380.60	-5111.51	3177.24	55.82	5303.15	88.15	60.36	PASS
4817.00†	4532.37	-282.58	1071.22	4461.39	4438.15	-5113.59	3174.77	56.16	5269.96	90.15	58.64	PASS
4917.00†	4615.67	-296.70	1124.73	4553.04	4529.66	-5117.01	3170.85	56.69	5237.31	92.27	56.94	PASS
5017.00†	4698.96	-310.81	1178.24	4684.61	4661.10	-5120.38	3166.36	57.46	5204.42	94.51	55.24	PASS
5117.00†	4782.25	-324.93	1231.75	4782.94	4759.38	-5122.08	3163.85	58.03	5171.68	96.72	53.63	PASS
5217.00†	4865.54	-339.04	1285.26	4888.87	4865.29	-5123.13	3161.80	58.64	5138.96	98.98	52.07	PASS
5317.00†	4948.83	-353.16	1338.77	4967.76	4944.17	-5123.50	3160.78	59.09	5106.46	101.24	50.58	PASS
5417.00†	5032.12	-367.28	1392.27	5046.64	5023.04	-5123.90	3160.18	59.54	5074.55	103.54	49.15	PASS
5517.00†	5115.41	-381.39	1445.78	5137.29	5113.70	-5124.14	3159.68	60.07	5042.93	105.89	47.75	PASS
5617.00†	5198.71	-395.51	1499.29	5214.12	5190.53	-5124.44	3159.07	60.52	5011.76	108.28	46.41	PASS
5717.00†	5282.00	-409.62	1552.80	5294.77	5271.17	-5124.81	3158.49	60.99	4981.10	110.71	45.11	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



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STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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
5817.00†	5365.29	-423.74	1606.31	5364.42	5340.82	-5125.19	3158.13	61.41	4951.00	113.16	43.86	PASS
5917.00†	5448.58	-437.85	1659.82	5427.38	5403.78	-5125.70	3157.91	61.78	4921.61	115.63	42.67	PASS
6017.00†	5531.87	-451.97	1713.33	5487.28	5463.68	-5126.43	3157.91	62.14	4893.06	118.14	41.52	PASS
6117.00†	5615.16	-466.08	1766.84	5552.56	5528.95	-5127.45	3158.10	62.53	4865.32	120.67	40.41	PASS
6217.00†	5698.46	-480.20	1820.35	5601.35	5577.72	-5128.43	3158.28	62.83	4838.45	123.22	39.36	PASS
6317.00†	5781.75	-494.32	1873.86	5639.38	5615.74	-5129.63	3158.18	63.06	4812.81	125.78	38.35	PASS
6411.94	5860.83	-507.72	1924.66	5750.26	5726.49	-5134.28	3156.38	63.77	4789.60	128.41	37.38	PASS
6417.00†	5865.04	-508.45	1927.37	5768.00	5744.22	-5134.90	3155.87	63.11	4788.31	128.58	37.32	PASS
6517.00†	5946.70	-531.97	1979.83	5855.61	5831.75	-5137.74	3153.55	49.51	4754.36	131.19	36.32	PASS
6617.00†	6023.70	-571.99	2029.27	5898.86	5874.96	-5139.28	3152.34	38.09	4705.69	133.53	35.32	PASS
6717.00†	6093.69	-627.29	2074.20	5936.95	5912.98	-5141.02	3150.85	28.68	4643.87	135.33	34.39	PASS
6817.00†	6154.53	-696.19	2113.25	5979.15	5955.06	-5143.31	3148.82	20.22	4570.46	136.61	33.52	PASS
6917.00†	6204.40	-776.60	2145.23	6021.28	5997.08	-5145.73	3146.73	10.96	4487.24	137.43	32.72	PASS
7017.00†	6241.76	-866.07	2169.17	6052.66	6028.37	-5147.60	3145.16	-2.61	4396.55	137.79	31.97	PASS
7117.00†	6265.49	-961.89	2184.35	6070.33	6045.98	-5148.70	3144.30	-28.54	4301.06	137.73	31.29	PASS
7217.00†	6274.86	-1061.14	2190.30	6079.83	6055.45	-5149.31	3143.84	-71.40	4203.63	137.30	30.68	PASS
7231.02	6275.00	-1075.17	2190.38	6080.48	6056.10	-5149.35	3143.81	-77.11	4189.98	137.21	30.60	PASS
7317.00†	6275.00	-1161.14	2190.32	6083.96	6059.56	-5149.58	3143.65	-77.30	4106.44	136.64	30.12	PASS
7417.00†	6275.00	-1261.14	2190.24	6088.06	6063.65	-5149.84	3143.46	-77.53	4009.40	135.94	29.56	PASS
7517.00†	6275.00	-1361.14	2190.17	6092.22	6067.80	-5150.12	3143.26	-77.77	3912.50	135.21	29.00	PASS
7617.00†	6275.00	-1461.14	2190.10	6096.46	6072.02	-5150.40	3143.07	-78.01	3815.75	134.45	28.44	PASS
7717.00†	6275.00	-1561.14	2190.02	6100.77	6076.32	-5150.69	3142.87	-78.25	3719.17	133.66	27.88	PASS
7817.00†	6275.00	-1661.14	2189.95	6105.15	6080.68	-5150.98	3142.67	-78.50	3622.77	132.84	27.33	PASS
7917.00†	6275.00	-1761.14	2189.88	6109.60	6085.12	-5151.29	3142.47	-78.76	3526.55	131.97	26.78	PASS
8017.00†	6275.00	-1861.14	2189.80	6114.13	6089.64	-5151.60	3142.27	-79.01	3430.55	131.07	26.23	PASS
8117.00†	6275.00	-1961.14	2189.73	6118.74	6094.23	-5151.92	3142.07	-79.28	3334.77	130.13	25.68	PASS
8217.00†	6275.00	-2061.14	2189.66	6123.43	6098.91	-5152.25	3141.86	-79.55	3239.23	129.14	25.14	PASS
8317.00†	6275.00	-2161.14	2189.58	6128.21	6103.66	-5152.58	3141.66	-79.82	3143.97	128.12	24.59	PASS
8417.00†	6275.00	-2261.14	2189.51	6133.06	6108.50	-5152.93	3141.45	-80.10	3048.99	127.04	24.05	PASS
8517.00†	6275.00	-2361.14	2189.44	6138.01	6113.43	-5153.28	3141.24	-80.39	2954.33	125.92	23.51	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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
8617.00†	6275.00	-2461.14	2189.36	6143.94	6119.34	-5153.71	3140.99	-80.73	2860.03	124.76	22.98	PASS
8717.00†	6275.00	-2561.14	2189.29	6150.50	6125.88	-5154.19	3140.72	-81.11	2766.10	123.55	22.44	PASS
8817.00†	6275.00	-2661.14	2189.21	6157.08	6132.43	-5154.66	3140.45	-81.49	2672.61	122.30	21.90	PASS
8917.00†	6275.00	-2761.14	2189.14	6163.67	6139.00	-5155.14	3140.18	-81.88	2579.57	121.01	21.37	PASS
9017.00†	6275.00	-2861.14	2189.07	6170.28	6145.59	-5155.62	3139.91	-82.26	2487.07	119.68	20.83	PASS
9117.00†	6275.00	-2961.14	2188.99	6176.92	6152.20	-5156.11	3139.65	-82.65	2395.14	118.32	20.29	PASS
9217.00†	6275.00	-3061.14	2188.92	6183.56	6158.83	-5156.59	3139.39	-83.04	2303.86	116.96	19.74	PASS
9317.00†	6275.00	-3161.14	2188.85	6190.23	6165.47	-5157.08	3139.13	-83.44	2213.32	115.61	19.19	PASS
9417.00†	6275.00	-3261.14	2188.77	6196.92	6172.14	-5157.57	3138.87	-83.83	2123.60	114.29	18.63	PASS
9517.00†	6275.00	-3361.14	2188.70	6203.62	6178.82	-5158.06	3138.62	-84.23	2034.82	113.06	18.04	PASS
9617.00†	6275.00	-3461.14	2188.63	6210.35	6185.52	-5158.55	3138.36	-84.63	1947.10	111.97	17.43	PASS
9717.00†	6275.00	-3561.14	2188.55	6217.09	6192.24	-5159.05	3138.11	-85.03	1860.60	111.09	16.79	PASS
9817.00†	6275.00	-3661.14	2188.48	6223.85	6198.97	-5159.54	3137.87	-85.43	1775.48	110.53	16.10	PASS
9917.00†	6275.00	-3761.14	2188.41	6230.63	6205.73	-5160.04	3137.62	-85.83	1691.96	110.42	15.36	PASS
10017.00†	6275.00	-3861.14	2188.33	6236.55	6211.63	-5160.48	3137.41	-86.18	1610.29	110.91	14.55	PASS
10117.00†	6275.00	-3961.14	2188.26	6242.21	6217.28	-5160.90	3137.23	-86.52	1530.78	112.20	13.68	PASS
10217.00†	6275.00	-4061.14	2188.19	6247.84	6222.89	-5161.31	3137.05	-86.86	1453.76	114.47	12.73	PASS
10317.00†	6275.00	-4161.14	2188.11	6253.43	6228.46	-5161.71	3136.89	-87.19	1379.67	117.91	11.73	PASS
10417.00†	6275.00	-4261.14	2188.04	6258.98	6233.99	-5162.12	3136.74	-87.53	1309.00	122.69	10.69	PASS
10517.00†	6275.00	-4361.14	2187.97	6264.48	6239.48	-5162.52	3136.61	-87.86	1242.33	128.91	9.66	PASS
10617.00†	6275.00	-4461.14	2187.89	6269.95	6244.94	-5162.91	3136.48	-88.19	1180.34	136.61	8.66	PASS
10717.00†	6275.00	-4561.14	2187.82	6275.39	6250.36	-5163.30	3136.37	-88.51	1123.81	145.75	7.72	PASS
10817.00†	6275.00	-4661.14	2187.75	6280.79	6255.74	-5163.69	3136.27	-88.84	1073.60	156.16	6.89	PASS
10917.00†	6275.00	-4761.14	2187.67	6286.16	6261.10	-5164.07	3136.18	-89.16	1030.64	167.59	6.16	PASS
11017.00†	6275.00	-4861.14	2187.60	6291.50	6266.42	-5164.45	3136.10	-89.48	995.85	179.62	5.55	PASS
11117.00†	6275.00	-4961.14	2187.52	6296.80	6271.71	-5164.83	3136.03	-89.80	970.14	191.77	5.07	PASS
11217.00†	6275.00	-5061.14	2187.45	6302.07	6276.96	-5165.20	3135.97	-90.12	954.22	203.46	4.70	PASS
11317.00†	6275.00	-5161.14	2187.38	6307.30	6282.19	-5165.57	3135.93	-90.43	948.59	214.14	4.43	PASS
11321.38†	6275.00	-5165.52	2187.37	6306.61	6281.50	-5165.53	3135.93	-90.39	948.58	214.58	4.43	PASS
11417.00†	6275.00	-5261.14	2187.30	6312.51	6287.38	-5165.94	3135.89	-90.75	953.43	223.33	4.27	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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
11517.00†	6275.00	-5361.14	2187.23	6317.68	6292.54	-5166.30	3135.87	-91.06	968.60	230.75	4.20	PASS
11556.71†	6275.00	-5400.85	2187.20	6319.73	6294.58	-5166.45	3135.86	-91.18	977.38	233.17	4.20	PASS
11617.00†	6275.00	-5461.14	2187.16	6322.82	6297.66	-5166.66	3135.85	-91.37	993.60	236.29	4.21	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	-2872.77	2186.58	-2872.41	2186.30
7in Casing Intermediate	0.00	6897.00	6897.00	10.00	N/A	-2872.77	2186.58	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



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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: 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	-100.19	-0.84	-179.52	100.19	1.40	165.64	PASS
117.00†	117.00	0.00	0.00	117.00	117.00	-100.19	-0.84	-179.52	100.19	2.02	81.51	PASS
217.00†	217.00	0.00	0.00	217.00	217.00	-100.19	-0.84	-179.52	100.19	3.00	45.19	PASS
317.00†	317.00	0.00	0.00	317.00	317.00	-100.19	-0.84	-179.52	100.19	4.02	30.85	PASS
417.00†	417.00	0.00	0.00	417.00	417.00	-100.19	-0.84	-179.52	100.19	5.06	23.35	PASS
517.00†	517.00	0.00	0.00	517.00	517.00	-100.19	-0.84	-179.52	100.19	6.10	18.77	PASS
617.00†	617.00	0.00	0.00	617.00	617.00	-100.19	-0.84	-179.52	100.19	7.14	15.68	PASS
717.00†	717.00	0.00	0.00	717.00	717.00	-100.19	-0.84	-179.52	100.19	8.18	13.46	PASS
817.00†	817.00	0.00	0.00	817.00	817.00	-100.19	-0.84	-179.52	100.19	9.23	11.80	PASS
917.00†	917.00	0.00	0.00	917.00	917.00	-100.19	-0.84	-179.52	100.19	10.27	10.49	PASS
1017.00†	1017.00	0.00	0.00	1017.00	1017.00	-100.19	-0.84	-179.52	100.19	11.32	9.45	PASS
1117.00†	1117.00	0.00	0.00	1117.00	1117.00	-100.19	-0.84	-179.52	100.19	12.36	8.60	PASS
1217.00†	1217.00	0.00	0.00	1217.00	1217.00	-100.19	-0.84	-179.52	100.19	13.41	7.88	PASS
1317.00†	1317.00	0.00	0.00	1317.00	1317.00	-100.19	-0.84	-179.52	100.19	14.46	7.28	PASS
1417.00†	1417.00	0.00	0.00	1417.00	1417.00	-100.19	-0.84	-179.52	100.19	15.50	6.76	PASS
1517.00†	1517.00	0.00	0.00	1517.59	1517.59	-100.13	-0.85	-179.51	100.14	16.55	6.31	PASS
1617.00†	1617.00	0.00	0.00	1620.28	1620.25	-97.84	-1.55	-179.09	97.91	16.26	6.02	PASS
1717.00†	1717.00	0.00	0.00	1720.22	1720.13	-94.50	-2.57	-178.44	94.59	16.33	5.79	PASS
1817.00†	1817.00	0.00	0.00	1820.16	1820.01	-91.17	-3.59	-177.74	91.29	16.46	5.55	PASS
1917.00†	1917.00	0.00	0.00	1920.10	1919.89	-87.83	-4.61	-176.99	88.00	16.66	5.28	PASS
2000.00	2000.00	0.00	0.00	2003.00	2002.73	-85.07	-5.46	-176.33	85.29	16.87	5.05	PASS
2017.00†	2017.00	-0.01	0.05	2019.67	2019.40	-84.56	-5.58	79.04	84.76	16.93	5.01	PASS
2117.00†	2116.97	-0.61	2.31	2117.81	2117.52	-82.90	-4.89	80.25	82.61	17.28	4.78	PASS
2199.99†	2199.83	-1.78	6.75	2199.35	2199.01	-83.30	-2.47	81.65	82.04	17.73	4.63	PASS
2217.00†	2216.79	-2.10	7.94	2216.05	2215.69	-83.58	-1.76	81.98	82.07	17.82	4.61	PASS
2317.00†	2316.35	-4.47	16.94	2314.33	2313.77	-86.58	3.79	84.16	83.20	18.41	4.52	PASS
2346.80†	2345.96	-5.35	20.27	2343.62	2342.95	-87.93	5.91	84.87	83.88	18.58	4.52	PASS
2417.00†	2415.53	-7.73	29.29	2412.61	2411.58	-91.92	11.77	86.63	86.09	18.96	4.54	PASS
2517.00†	2514.20	-11.87	44.99	2510.86	2508.97	-99.57	22.16	89.22	90.78	19.57	4.64	PASS
2617.00†	2612.24	-16.88	64.00	2609.03	2605.79	-109.53	34.93	91.77	97.31	20.27	4.80	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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: 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
2717.00†	2709.54	-22.77	86.31	2707.23	2702.04	-121.77	50.08	94.15	105.69	21.11	5.01	PASS
2817.00†	2805.97	-29.51	111.88	2806.58	2799.13	-135.09	66.37	97.25	115.17	22.11	5.21	PASS
2917.00†	2901.42	-37.12	140.70	2905.61	2895.91	-148.36	82.61	101.39	125.62	23.26	5.40	PASS
3017.00†	2995.77	-45.56	172.72	3004.20	2992.27	-161.58	98.78	106.20	137.62	24.57	5.60	PASS
3117.00†	3088.91	-54.84	207.91	3102.24	3088.08	-174.72	114.85	111.37	151.75	26.00	5.84	PASS
3217.00†	3180.72	-64.95	246.21	3199.61	3183.24	-187.77	130.81	116.59	168.54	27.51	6.13	PASS
3317.00†	3271.10	-75.87	287.59	3296.18	3277.62	-200.71	146.65	121.63	188.40	29.07	6.48	PASS
3417.00†	3359.92	-87.58	332.00	3391.84	3371.11	-213.53	162.33	126.34	211.60	30.63	6.91	PASS
3517.00†	3447.09	-100.08	379.37	3486.47	3463.60	-226.21	177.85	130.63	238.32	32.16	7.41	PASS
3617.00†	3532.50	-113.34	429.66	3579.96	3554.97	-238.74	193.18	134.46	268.62	33.67	7.98	PASS
3680.03	3585.38	-122.09	462.83	3638.26	3611.94	-246.56	202.73	136.65	289.56	34.59	8.37	PASS
3717.00†	3616.17	-127.31	482.61	3672.29	3645.21	-251.12	208.32	138.00	302.34	35.12	8.61	PASS
3817.00†	3699.46	-141.43	536.12	3764.36	3735.19	-263.46	223.41	141.17	337.57	36.50	9.25	PASS
3917.00†	3782.75	-155.54	589.63	3856.43	3825.17	-275.80	238.51	143.75	373.56	37.88	9.86	PASS
4017.00†	3866.04	-169.66	643.14	3948.49	3915.15	-288.14	253.60	145.88	410.11	39.25	10.45	PASS
4117.00†	3949.33	-183.77	696.65	4040.56	4005.12	-300.48	268.70	147.67	447.08	40.61	11.01	PASS
4217.00†	4032.63	-197.89	750.16	4132.63	4095.10	-312.82	283.79	149.19	484.37	41.97	11.54	PASS
4317.00†	4115.92	-212.00	803.67	4224.70	4185.08	-325.16	298.89	150.49	521.91	43.33	12.04	PASS
4417.00†	4199.21	-226.12	857.18	4316.77	4275.06	-337.50	313.98	151.62	559.66	44.70	12.52	PASS
4517.00†	4282.50	-240.24	910.69	4408.83	4365.04	-349.84	329.08	152.61	597.57	46.08	12.97	PASS
4617.00†	4365.79	-254.35	964.20	4500.90	4455.02	-362.18	344.17	153.48	635.62	47.46	13.39	PASS
4717.00†	4449.08	-268.47	1017.71	4592.97	4545.00	-374.51	359.27	154.25	673.79	48.84	13.79	PASS
4817.00†	4532.37	-282.58	1071.22	4685.04	4634.98	-386.85	374.37	154.94	712.04	50.24	14.17	PASS
4917.00†	4615.67	-296.70	1124.73	4777.10	4724.96	-399.19	389.46	155.56	750.38	51.64	14.53	PASS
5017.00†	4698.96	-310.81	1178.24	4869.17	4814.94	-411.53	404.56	156.13	788.78	53.04	14.87	PASS
5117.00†	4782.25	-324.93	1231.75	4961.24	4904.92	-423.87	419.65	156.63	827.25	54.46	15.19	PASS
5217.00†	4865.54	-339.04	1285.26	5053.31	4994.90	-436.21	434.75	157.10	865.76	55.87	15.49	PASS
5317.00†	4948.83	-353.16	1338.77	5145.38	5084.88	-448.55	449.84	157.52	904.32	57.30	15.78	PASS
5417.00†	5032.12	-367.28	1392.27	5237.44	5174.86	-460.89	464.94	157.91	942.92	58.72	16.06	PASS
5517.00†	5115.41	-381.39	1445.78	5329.51	5264.84	-473.23	480.03	158.27	981.55	60.16	16.32	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

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

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	-61.07	-0.51	-60.95	-0.55

SURVEY PROGRAM - Offset Wellbore: 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



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STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: STATE 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 STATE NORTH PLATTE F-35-2XRLNC		Well: STATE 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	812.43	-1066.70	-52.71	1340.86	1.42	2177.25	PASS
C-C Clearance Distance Cutoff: 1000.00 ft												

POSITIONAL UNCERTAINTY - Offset Wellbore: STATE 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: STATE 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	495.27	-650.25	495.27	-650.25

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)		STATE NORTH PLATTE F-35-2XRLNC PWB
1550.00	16661.63	BHI AutoTrak Curve (Axial Corr, Short spacing)		STATE NORTH PLATTE F-35-2XRLNC PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: STATE 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



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STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	-6299.19	364.62	176.69	9044.28	74.00	123.30	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	-6570.76	-104.03	-6569.90	-101.54
8.75in Open Hole	797.00	6795.00	5998.00	826.95	6474.85	-6569.90	-101.54	-6498.21	47.45
7in Casing Intermediate	17.00	6795.00	6778.00	47.00	6474.85	-6570.76	-104.03	-6498.21	47.45
6.125in Open Hole	6798.00	11038.00	4240.00	6474.89	6496.68	-6497.30	47.43	-5205.37	59.12

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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	-1179.26	755.78	147.34	1400.66	25.40	56.90	PASS
117.00†	117.00	0.00	0.00	97.00	117.00	-1179.26	755.78	147.34	1400.66	52.22	27.23	PASS
217.00†	217.00	0.00	0.00	197.00	217.00	-1179.26	755.78	147.34	1400.66	54.51	26.06	PASS
317.00†	317.00	0.00	0.00	297.00	317.00	-1179.26	755.78	147.34	1400.66	56.81	24.99	PASS
417.00†	417.00	0.00	0.00	397.00	417.00	-1179.26	755.78	147.34	1400.66	59.13	24.00	PASS
517.00†	517.00	0.00	0.00	497.00	517.00	-1179.26	755.78	147.34	1400.66	61.45	23.08	PASS
617.00†	617.00	0.00	0.00	597.00	617.00	-1179.26	755.78	147.34	1400.66	63.79	22.22	PASS
717.00†	717.00	0.00	0.00	697.00	717.00	-1179.26	755.78	147.34	1400.66	66.14	21.43	PASS
817.00†	817.00	0.00	0.00	797.00	817.00	-1179.26	755.78	147.34	1400.66	68.50	20.68	PASS
917.00†	917.00	0.00	0.00	897.00	917.00	-1179.26	755.78	147.34	1400.66	70.86	19.98	PASS
1017.00†	1017.00	0.00	0.00	997.00	1017.00	-1179.26	755.78	147.34	1400.66	73.24	19.32	PASS
1117.00†	1117.00	0.00	0.00	1097.00	1117.00	-1179.26	755.78	147.34	1400.66	75.63	18.71	PASS
1217.00†	1217.00	0.00	0.00	1197.00	1217.00	-1179.26	755.78	147.34	1400.66	78.03	18.13	PASS
1317.00†	1317.00	0.00	0.00	1297.00	1317.00	-1179.26	755.78	147.34	1400.66	80.44	17.58	PASS
1417.00†	1417.00	0.00	0.00	1397.00	1417.00	-1179.26	755.78	147.34	1400.66	82.86	17.06	PASS
1517.00†	1517.00	0.00	0.00	1497.00	1517.00	-1179.26	755.78	147.34	1400.66	85.29	16.57	PASS
1617.00†	1617.00	0.00	0.00	1597.00	1617.00	-1179.26	755.78	147.34	1400.66	86.85	16.13	PASS
1717.00†	1717.00	0.00	0.00	1697.00	1717.00	-1179.26	755.78	147.34	1400.66	89.13	15.71	PASS
1817.00†	1817.00	0.00	0.00	1797.00	1817.00	-1179.26	755.78	147.34	1400.66	91.43	15.32	PASS
1917.00†	1917.00	0.00	0.00	1897.00	1917.00	-1179.26	755.78	147.34	1400.66	93.73	14.94	PASS
2000.00	2000.00	0.00	0.00	1980.00	2000.00	-1179.26	755.78	147.34	1400.66	95.66	14.64	PASS
2017.00†	2017.00	-0.01	0.05	1997.00	2017.00	-1179.26	755.78	42.57	1400.63	96.05	14.58	PASS
2117.00†	2116.97	-0.61	2.31	2096.97	2116.97	-1179.26	755.78	42.66	1398.90	98.38	14.22	PASS
2217.00†	2216.79	-2.10	7.94	2196.79	2216.79	-1179.26	755.78	42.88	1394.62	100.75	13.84	PASS
2317.00†	2316.35	-4.47	16.94	2296.35	2316.35	-1179.26	755.78	43.23	1387.81	103.12	13.46	PASS
2417.00†	2415.53	-7.73	29.29	2395.53	2415.53	-1179.26	755.78	43.72	1378.50	105.49	13.07	PASS
2517.00†	2514.20	-11.87	44.99	2494.20	2514.20	-1179.26	755.78	44.36	1366.76	107.87	12.67	PASS
2617.00†	2612.24	-16.88	64.00	2592.24	2612.24	-1179.26	755.78	45.13	1352.66	110.26	12.27	PASS
2717.00†	2709.54	-22.77	86.31	2689.54	2709.54	-1179.26	755.78	46.06	1336.29	112.65	11.86	PASS
2817.00†	2805.97	-29.51	111.88	2785.97	2805.97	-1179.26	755.78	47.15	1317.77	115.05	11.45	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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
2917.00†	2901.42	-37.12	140.70	2881.42	2901.42	-1179.26	755.78	48.41	1297.23	117.46	11.04	PASS
3017.00†	2995.77	-45.56	172.72	2975.77	2995.77	-1179.26	755.78	49.83	1274.84	119.91	10.63	PASS
3117.00†	3088.91	-54.84	207.91	3068.91	3088.91	-1179.26	755.78	51.44	1250.79	122.39	10.22	PASS
3217.00†	3180.72	-64.95	246.21	3160.72	3180.72	-1179.26	755.78	53.24	1225.29	124.94	9.81	PASS
3317.00†	3271.10	-75.87	287.59	3251.10	3271.10	-1179.26	755.78	55.22	1198.61	127.56	9.40	PASS
3417.00†	3359.92	-87.58	332.00	3339.92	3359.92	-1179.26	755.78	57.41	1171.05	130.30	8.99	PASS
3517.00†	3447.09	-100.08	379.37	3427.09	3447.09	-1179.26	755.78	59.79	1142.94	133.18	8.58	PASS
3617.00†	3532.50	-113.34	429.66	3512.50	3532.50	-1179.26	755.78	62.36	1114.69	136.25	8.18	PASS
3680.03	3585.38	-122.09	462.83	3565.38	3585.38	-1179.26	755.78	64.08	1097.01	138.30	7.93	PASS
3717.00†	3616.17	-127.31	482.61	3596.17	3616.17	-1179.26	755.78	64.92	1086.84	139.54	7.79	PASS
3817.00†	3699.46	-141.43	536.12	3679.46	3699.46	-1179.26	755.78	67.25	1060.82	143.03	7.42	PASS
3917.00†	3782.75	-155.54	589.63	3762.75	3782.75	-1179.26	755.78	69.66	1037.11	146.73	7.07	PASS
4017.00†	3866.04	-169.66	643.14	3846.04	3866.04	-1179.26	755.78	72.15	1015.87	150.60	6.75	PASS
4117.00†	3949.33	-183.77	696.65	3929.33	3949.33	-1179.26	755.78	74.71	997.24	154.62	6.45	PASS
4217.00†	4032.63	-197.89	750.16	4012.63	4032.63	-1179.26	755.78	77.33	981.39	158.76	6.18	PASS
4317.00†	4115.92	-212.00	803.67	4095.92	4115.92	-1179.26	755.78	80.01	968.44	162.98	5.94	PASS
4417.00†	4199.21	-226.12	857.18	4179.21	4199.21	-1179.26	755.78	82.73	958.52	167.25	5.73	PASS
4517.00†	4282.50	-240.24	910.69	4262.50	4282.50	-1179.26	755.78	85.49	951.72	171.53	5.55	PASS
4617.00†	4365.79	-254.35	964.20	4345.79	4365.79	-1179.26	755.78	88.27	948.10	175.78	5.39	PASS
4679.50†	4417.85	-263.17	997.64	4394.16	4414.16	-1179.26	755.78	89.89	947.48	178.33	5.31	PASS
4717.00†	4449.08	-268.47	1017.71	4429.08	4449.08	-1179.26	755.78	91.06	947.71	179.97	5.27	PASS
4817.00†	4532.37	-282.58	1071.22	4512.37	4532.37	-1179.26	755.78	93.84	950.54	184.06	5.16	PASS
4917.00†	4615.67	-296.70	1124.73	4595.67	4615.67	-1179.26	755.78	96.60	956.58	188.03	5.09	PASS
5017.00†	4698.96	-310.81	1178.24	4678.96	4698.96	-1179.26	755.78	99.33	965.75	191.86	5.03	PASS
5117.00†	4782.25	-324.93	1231.75	4762.25	4782.25	-1179.26	755.78	102.03	977.97	195.53	5.00	PASS
5217.00†	4865.54	-339.04	1285.26	4845.54	4865.54	-1179.26	755.78	104.66	993.13	199.03	4.99	PASS
5230.92†	4877.13	-341.01	1292.70	4857.13	4877.13	-1179.26	755.78	105.03	995.46	199.50	4.99	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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



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STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: NORTH PLATTE K31-35-2MRLNB PWB Offset Wellpath: NORTH PLATTE K31-35-2MRLNB (REV-A.0) PWP												
Facility: SEC.26-T5N-R63W		Slot: SLOT#28 NORTH PLATTE K31-35-2MRLNB		Well: NORTH PLATTE K31-35-2MRLNB		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	-140.62	-0.84	-179.66	140.63	1.40	233.04	PASS
117.00†	117.00	0.00	0.00	117.00	117.00	-140.62	-0.84	-179.66	140.63	2.02	114.68	PASS
217.00†	217.00	0.00	0.00	216.31	216.31	-140.66	-0.81	-179.67	140.67	3.00	63.71	PASS
317.00†	317.00	0.00	0.00	312.19	312.16	-142.53	0.26	179.90	142.61	4.18	42.04	PASS
417.00†	417.00	0.00	0.00	407.82	407.63	-147.15	2.93	178.86	147.48	5.60	30.54	PASS
517.00†	517.00	0.00	0.00	502.98	502.42	-154.49	7.17	177.34	155.34	6.92	25.28	PASS
617.00†	617.00	0.00	0.00	597.48	596.21	-164.47	12.93	175.51	166.28	8.12	22.60	PASS
717.00†	717.00	0.00	0.00	696.38	694.14	-176.38	19.81	173.59	178.96	9.13	21.40	PASS
817.00†	817.00	0.00	0.00	795.40	792.20	-188.32	26.70	171.93	191.81	10.08	20.60	PASS
917.00†	917.00	0.00	0.00	894.43	890.27	-200.26	33.59	170.48	204.81	11.05	19.91	PASS
1017.00†	1017.00	0.00	0.00	993.46	988.33	-212.19	40.48	169.20	217.91	12.05	19.30	PASS
1117.00†	1117.00	0.00	0.00	1092.48	1086.39	-224.13	47.37	168.07	231.11	13.05	18.80	PASS
1217.00†	1217.00	0.00	0.00	1191.51	1184.46	-236.06	54.27	167.05	244.40	14.04	18.40	PASS
1317.00†	1317.00	0.00	0.00	1290.54	1282.52	-248.00	61.16	166.15	257.74	15.08	18.00	PASS
1417.00†	1417.00	0.00	0.00	1389.56	1380.58	-259.93	68.05	165.33	271.15	16.09	17.68	PASS
1517.00†	1517.00	0.00	0.00	1488.59	1478.64	-271.87	74.94	164.59	284.60	17.12	17.39	PASS
1617.00†	1617.00	0.00	0.00	1587.62	1576.71	-283.80	81.83	163.92	298.10	16.91	17.63	PASS
1717.00†	1717.00	0.00	0.00	1686.64	1674.77	-295.74	88.72	163.30	311.63	17.05	18.28	PASS
1817.00†	1817.00	0.00	0.00	1785.67	1772.83	-307.67	95.61	162.74	325.20	17.18	18.93	PASS
1917.00†	1917.00	0.00	0.00	1884.70	1870.90	-319.61	102.50	162.22	338.80	17.37	19.51	PASS
2000.00	2000.00	0.00	0.00	1966.89	1952.29	-329.52	108.22	161.82	350.10	17.57	19.92	PASS
2017.00†	2017.00	-0.01	0.05	1983.73	1968.96	-331.55	109.39	56.93	352.39	17.62	20.00	PASS
2117.00†	2116.97	-0.61	2.31	2092.72	2077.03	-343.75	116.51	56.62	363.84	18.01	20.21	PASS
2217.00†	2216.79	-2.10	7.94	2206.98	2190.79	-352.75	122.06	57.01	369.67	18.62	19.85	PASS
2317.00†	2316.35	-4.47	16.94	2314.52	2298.16	-357.86	125.58	58.03	370.16	19.19	19.29	PASS
2417.00†	2415.53	-7.73	29.29	2414.08	2397.57	-362.06	128.57	59.49	368.42	19.74	18.66	PASS
2517.00†	2514.20	-11.87	44.99	2513.26	2496.62	-366.25	131.56	61.45	365.22	20.36	17.94	PASS
2617.00†	2612.24	-16.88	64.00	2611.95	2595.19	-370.41	134.52	63.94	360.90	21.07	17.13	PASS
2717.00†	2709.54	-22.77	86.31	2710.04	2693.14	-374.55	137.47	66.99	355.86	21.89	16.25	PASS
2817.00†	2805.97	-29.51	111.88	2807.40	2790.37	-378.65	140.40	70.60	350.65	22.86	15.34	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



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STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: NORTH PLATTE K31-35-2MRLNB PWB Offset Wellpath: NORTH PLATTE K31-35-2MRLNB (REV-A.0) PWP												
Facility: SEC.26-T5N-R63W Slot: SLOT#28 NORTH PLATTE K31-35-2MRLNB Well: NORTH PLATTE K31-35-2MRLNB 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
2917.00†	2901.42	-37.12	140.70	2903.91	2886.75	-382.72	143.31	74.79	345.93	24.01	14.41	PASS
3017.00†	2995.77	-45.56	172.72	2999.45	2982.16	-386.75	146.18	79.52	342.49	25.36	13.50	PASS
3117.00†	3088.91	-54.84	207.91	3093.91	3076.50	-390.74	149.02	84.74	341.24	26.95	12.66	PASS
3217.00†	3180.72	-64.95	246.21	3187.18	3169.64	-394.67	151.83	90.33	343.14	28.74	11.94	PASS
3317.00†	3271.10	-75.87	287.59	3279.14	3261.47	-398.55	154.59	96.14	349.15	30.70	11.37	PASS
3417.00†	3359.92	-87.58	332.00	3369.67	3351.89	-402.37	157.31	102.00	360.10	32.74	11.00	PASS
3517.00†	3447.09	-100.08	379.37	3458.68	3440.77	-406.12	159.99	107.73	376.61	34.77	10.83	PASS
3617.00†	3532.50	-113.34	429.66	3546.04	3528.02	-409.81	162.62	113.18	399.03	36.72	10.87	PASS
3680.03	3585.38	-122.09	462.83	3600.22	3582.12	-412.09	164.25	116.41	416.25	37.87	10.99	PASS
3717.00†	3616.17	-127.31	482.61	3631.78	3613.64	-413.42	165.20	118.41	427.34	38.50	11.10	PASS
3817.00†	3699.46	-141.43	536.12	3717.17	3698.91	-417.03	167.77	123.42	460.04	40.05	11.49	PASS
3917.00†	3782.75	-155.54	589.63	3802.55	3784.18	-420.63	170.33	127.84	496.07	41.41	11.98	PASS
4017.00†	3866.04	-169.66	643.14	3887.93	3869.45	-424.23	172.90	131.73	534.74	42.63	12.54	PASS
4117.00†	3949.33	-183.77	696.65	3973.32	3954.72	-427.83	175.47	135.15	575.52	43.73	13.16	PASS
4217.00†	4032.63	-197.89	750.16	4058.70	4039.99	-431.43	178.04	138.16	618.00	44.76	13.81	PASS
4317.00†	4115.92	-212.00	803.67	4144.09	4125.26	-435.03	180.61	140.82	661.84	45.73	14.47	PASS
4417.00†	4199.21	-226.12	857.18	4229.47	4210.53	-438.63	183.18	143.17	706.80	46.68	15.14	PASS
4517.00†	4282.50	-240.24	910.69	4314.86	4295.80	-442.24	185.74	145.26	752.68	47.59	15.81	PASS
4617.00†	4365.79	-254.35	964.20	4400.24	4381.07	-445.84	188.31	147.12	799.31	48.50	16.48	PASS
4717.00†	4449.08	-268.47	1017.71	4485.63	4466.34	-449.44	190.88	148.79	846.58	49.40	17.14	PASS
4817.00†	4532.37	-282.58	1071.22	4571.01	4551.61	-453.04	193.45	150.29	894.37	50.30	17.78	PASS
4917.00†	4615.67	-296.70	1124.73	4656.39	4636.88	-456.64	196.02	151.65	942.62	51.20	18.41	PASS
5017.00†	4698.96	-310.81	1178.24	4741.78	4722.15	-460.24	198.58	152.88	991.25	52.11	19.02	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: NORTH PLATTE K31-35-2MRLNB PWB Offset Wellpath: NORTH PLATTE K31-35-2MRLNB (REV-A.0) PWP			
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical
			1.000ft
			3.000ft



Clearance Report

STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

HOLE & CASING SECTIONS - Offset Wellbore: NORTH PLATTE K31-35-2MRLNB PWB Offset 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	-85.72	-0.51	-127.98	23.89

SURVEY PROGRAM - Offset Wellbore: Offset 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

OFFSET WELLPATH REFERENCE - Offset Wellbore: NORTH PLATTE K31-35-2MRLNB PWB Offset Wellpath: NORTH PLATTE K31-35-2MRLNB (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



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STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: STATE NORTH PLATTE O24-K21-26HNC AWP 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	-60.84	172.22	109.46	182.65	1.56	302.81	PASS
117.00†	117.00	0.00	0.00	118.69	118.68	-60.88	171.70	109.52	182.18	2.15	134.29	PASS
217.00†	217.00	0.00	0.00	218.95	218.94	-61.04	170.48	109.70	181.09	3.18	75.93	PASS
317.00†	317.00	0.00	0.00	318.45	318.44	-61.33	169.37	109.91	180.14	4.19	52.97	PASS
417.00†	417.00	0.00	0.00	418.75	418.73	-61.64	168.34	110.11	179.28	5.21	40.48	PASS
517.00†	517.00	0.00	0.00	519.01	518.99	-61.39	167.31	110.15	178.23	6.25	32.59	PASS
617.00†	617.00	0.00	0.00	619.08	619.05	-61.00	166.22	110.15	177.07	7.18	27.19	PASS
717.00†	717.00	0.00	0.00	718.61	718.57	-60.77	165.22	110.20	176.05	8.23	23.27	PASS
817.00†	817.00	0.00	0.00	818.29	818.24	-60.70	164.42	110.26	175.27	9.26	20.37	PASS
917.00†	917.00	0.00	0.00	918.26	918.22	-60.65	163.69	110.33	174.57	10.34	18.03	PASS
1017.00†	1017.00	0.00	0.00	1018.29	1018.24	-60.56	162.98	110.38	173.87	11.40	16.18	PASS
1117.00†	1117.00	0.00	0.00	1118.36	1118.31	-60.28	162.30	110.37	173.14	12.45	14.66	PASS
1217.00†	1217.00	0.00	0.00	1218.45	1218.40	-59.79	161.65	110.30	172.36	13.50	13.40	PASS
1317.00†	1317.00	0.00	0.00	1318.56	1318.50	-59.19	160.97	110.19	171.51	14.56	12.32	PASS
1417.00†	1417.00	0.00	0.00	1418.28	1418.22	-58.52	160.34	110.05	170.69	15.61	11.40	PASS
1517.00†	1517.00	0.00	0.00	1517.86	1517.80	-57.87	159.95	109.89	170.10	16.65	10.61	PASS
1617.00†	1617.00	0.00	0.00	1617.73	1617.66	-57.41	159.67	109.78	169.68	17.05	10.11	PASS
1717.00†	1717.00	0.00	0.00	1717.64	1717.57	-57.48	159.26	109.85	169.32	17.61	9.76	PASS
1817.00†	1817.00	0.00	0.00	1817.97	1817.89	-58.66	158.37	110.32	168.89	18.22	9.41	PASS
1917.00†	1917.00	0.00	0.00	1915.34	1915.18	-62.35	157.23	111.63	169.15	18.84	9.11	PASS
2000.00	2000.00	0.00	0.00	1999.24	1998.89	-67.76	155.75	113.51	169.85	19.43	8.86	PASS
2017.00†	2017.00	-0.01	0.05	2016.66	2016.25	-69.07	155.28	9.20	169.90	19.56	8.80	PASS
2117.00†	2116.97	-0.61	2.31	2119.75	2118.90	-77.46	150.85	12.60	167.26	20.35	8.32	PASS
2217.00†	2216.79	-2.10	7.94	2221.27	2219.61	-87.53	143.06	17.60	159.88	21.31	7.59	PASS
2317.00†	2316.35	-4.47	16.94	2318.88	2316.15	-98.69	133.91	24.20	150.20	22.22	6.84	PASS
2417.00†	2415.53	-7.73	29.29	2415.98	2411.91	-111.39	124.09	32.94	140.51	23.10	6.15	PASS
2517.00†	2514.20	-11.87	44.99	2511.95	2506.26	-124.63	112.61	44.30	131.72	23.95	5.56	PASS
2617.00†	2612.24	-16.88	64.00	2605.85	2598.24	-138.87	100.15	58.16	128.00	24.70	5.23	PASS
2621.52†	2616.65	-17.13	64.93	2609.85	2602.15	-139.48	99.59	58.79	127.99	24.73	5.23	PASS
2664.49†	2658.54	-19.57	74.18	2650.26	2641.68	-145.67	93.86	65.33	128.74	25.07	5.18	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



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STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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
2717.00†	2709.54	-22.77	86.31	2697.40	2687.72	-153.15	87.10	73.05	132.20	25.42	5.25	PASS
2817.00†	2805.97	-29.51	111.88	2787.04	2775.11	-168.72	74.60	86.76	147.38	26.24	5.67	PASS
2917.00†	2901.42	-37.12	140.70	2878.35	2864.15	-185.64	63.49	98.08	171.49	27.32	6.33	PASS
3017.00†	2995.77	-45.56	172.72	2972.32	2956.00	-202.53	53.18	107.37	201.27	28.64	7.09	PASS
3117.00†	3088.91	-54.84	207.91	3066.17	3048.20	-217.42	43.96	115.00	234.45	30.08	7.86	PASS
3217.00†	3180.72	-64.95	246.21	3155.64	3136.27	-231.23	36.30	120.84	271.46	31.50	8.69	PASS
3317.00†	3271.10	-75.87	287.59	3240.54	3219.82	-244.20	28.58	125.50	313.14	32.87	9.60	PASS
3417.00†	3359.92	-87.58	332.00	3320.83	3298.77	-256.10	20.22	129.30	359.64	34.20	10.60	PASS
3517.00†	3447.09	-100.08	379.37	3395.00	3371.50	-267.74	11.41	132.18	411.37	35.47	11.68	PASS
3617.00†	3532.50	-113.34	429.66	3463.74	3438.53	-279.88	2.26	134.24	468.23	36.72	12.85	PASS
3680.03	3585.38	-122.09	462.83	3506.69	3480.20	-288.28	-3.93	135.27	506.50	37.52	13.60	PASS
3717.00†	3616.17	-127.31	482.61	3532.53	3505.22	-293.43	-7.79	136.23	529.53	38.01	14.03	PASS
3817.00†	3699.46	-141.43	536.12	3602.71	3573.07	-307.63	-18.72	138.50	592.83	39.31	15.19	PASS
3917.00†	3782.75	-155.54	589.63	3675.15	3642.98	-322.72	-30.27	140.39	657.09	40.65	16.27	PASS
4017.00†	3866.04	-169.66	643.14	3757.73	3722.74	-339.75	-43.19	142.17	721.47	42.21	17.21	PASS
4117.00†	3949.33	-183.77	696.65	3842.85	3805.29	-356.24	-55.78	143.78	785.27	43.79	18.05	PASS
4217.00†	4032.63	-197.89	750.16	3920.92	3881.26	-370.45	-66.84	145.08	848.63	45.22	18.88	PASS
4317.00†	4115.92	-212.00	803.67	3998.87	3957.20	-383.97	-78.05	146.26	912.24	46.62	19.69	PASS
4417.00†	4199.21	-226.12	857.18	4080.44	4036.91	-396.92	-89.58	147.42	975.64	48.05	20.42	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
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical
			3.000ft



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STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	-37.09	104.98	-37.25	103.48
9.625in Casing Surface	17.00	523.00	506.00	17.00	522.97	-37.09	104.98	-37.25	103.48
8.75in Open Hole	525.00	6835.00	6310.00	524.97	6381.09	-37.25	103.47	-8.96	-10.05
7in Casing Intermediate	17.00	6829.00	6812.00	17.00	6381.35	-37.09	104.98	-10.79	-10.12
6.125in Open Hole	6829.00	10910.00	4081.00	6381.35	6384.42	-10.79	-10.12	1232.55	5.62

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



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STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: STATE 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 STATE NORTH PLATTE F11-35-2XRLNB		Well: STATE 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	819.72	-1086.21	-52.96	1360.80	1.42	2209.66	PASS
C-C Clearance Distance Cutoff: 1000.00 ft												

POSITIONAL UNCERTAINTY - Offset Wellbore: STATE NORTH PLATTE F11-35-2XRLNB PWB Offset Wellpath: NORTH PLATTE F11-35-2XRLNB (REV-A.0) PWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: STATE 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	499.72	-662.14	499.72	-662.14

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)		STATE NORTH PLATTE F11-35-2XRLNB PWB
1550.00	16638.65	BHI AutoTrak Curve (Axial Corr, Short spacing)		STATE NORTH PLATTE F11-35-2XRLNB PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: STATE 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



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STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	-6299.21	20.20	179.82	8905.49	70.23	127.98	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
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		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	-6544.10	-129.53	-6543.73	-132.76
9.625in Casing Surface	17.00	790.00	773.00	47.00	819.89	-6544.10	-129.53	-6543.73	-132.69
8.75in Open Hole	799.00	6680.00	5881.00	828.89	6313.43	-6543.73	-132.76	-6471.23	-52.96
7in Casing Intermediate	17.00	6680.00	6663.00	47.00	6313.43	-6544.10	-129.53	-6471.23	-52.96
6.125in Open Hole	6680.00	10878.00	4198.00	6313.43	6312.02	-6471.23	-52.96	-5192.05	-58.61

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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: NORTH PLATTE K21-35-2MRLNC PWB Offset Wellpath: NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP												
Facility: SEC.26-T5N-R63W		Slot: SLOT#27 NORTH PLATTE K21-35-2MRLNC		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	-120.59	-0.84	-179.60	120.59	1.40	199.65	PASS
117.00†	117.00	0.00	0.00	117.00	117.00	-120.59	-0.84	-179.60	120.59	2.02	98.25	PASS
217.00†	217.00	0.00	0.00	217.00	217.00	-120.59	-0.84	-179.60	120.59	3.00	54.47	PASS
317.00†	317.00	0.00	0.00	317.00	317.00	-120.59	-0.84	-179.60	120.59	4.02	37.18	PASS
417.00†	417.00	0.00	0.00	417.00	417.00	-120.59	-0.84	-179.60	120.59	5.06	28.14	PASS
517.00†	517.00	0.00	0.00	517.00	517.00	-120.59	-0.84	-179.60	120.59	6.10	22.62	PASS
617.00†	617.00	0.00	0.00	617.00	617.00	-120.59	-0.84	-179.60	120.59	7.14	18.90	PASS
717.00†	717.00	0.00	0.00	717.00	717.00	-120.59	-0.84	-179.60	120.59	8.18	16.23	PASS
817.00†	817.00	0.00	0.00	817.00	817.00	-120.59	-0.84	-179.60	120.59	9.23	14.22	PASS
917.00†	917.00	0.00	0.00	917.00	917.00	-120.59	-0.84	-179.60	120.59	10.27	12.65	PASS
1017.00†	1017.00	0.00	0.00	1017.00	1017.00	-120.59	-0.84	-179.60	120.59	11.32	11.39	PASS
1117.00†	1117.00	0.00	0.00	1117.00	1117.00	-120.59	-0.84	-179.60	120.59	12.36	10.36	PASS
1217.00†	1217.00	0.00	0.00	1217.00	1217.00	-120.59	-0.84	-179.60	120.59	13.41	9.50	PASS
1317.00†	1317.00	0.00	0.00	1317.00	1317.00	-120.59	-0.84	-179.60	120.59	14.46	8.77	PASS
1417.00†	1417.00	0.00	0.00	1417.00	1417.00	-120.59	-0.84	-179.60	120.59	15.50	8.15	PASS
1517.00†	1517.00	0.00	0.00	1517.00	1517.00	-120.59	-0.84	-179.60	120.59	16.55	7.61	PASS
1617.00†	1617.00	0.00	0.00	1617.00	1617.00	-120.59	-0.84	-179.60	120.59	16.27	7.41	PASS
1717.00†	1717.00	0.00	0.00	1717.00	1717.00	-120.59	-0.84	-179.60	120.59	16.33	7.38	PASS
1817.00†	1817.00	0.00	0.00	1817.00	1817.00	-120.59	-0.84	-179.60	120.59	16.46	7.33	PASS
1917.00†	1917.00	0.00	0.00	1917.00	1917.00	-120.59	-0.84	-179.60	120.59	16.65	7.24	PASS
2000.00	2000.00	0.00	0.00	2000.00	2000.00	-120.59	-0.84	-179.60	120.59	16.85	7.16	PASS
2017.00†	2017.00	-0.01	0.05	2016.39	2016.39	-120.63	-0.86	75.65	120.62	16.90	7.14	PASS
2117.00†	2116.97	-0.61	2.31	2112.67	2112.64	-122.55	-1.86	77.11	122.09	17.24	7.08	PASS
2217.00†	2216.79	-2.10	7.94	2208.47	2208.29	-127.31	-4.35	80.56	126.10	17.73	7.11	PASS
2317.00†	2316.35	-4.47	16.94	2303.40	2302.83	-134.81	-8.26	85.55	133.45	18.27	7.30	PASS
2417.00†	2415.53	-7.73	29.29	2400.04	2398.83	-144.70	-13.43	91.55	144.45	18.80	7.68	PASS
2517.00†	2514.20	-11.87	44.99	2497.60	2495.71	-154.86	-18.73	97.89	157.64	19.39	8.13	PASS
2617.00†	2612.24	-16.88	64.00	2594.46	2591.90	-164.95	-24.00	104.19	173.44	20.08	8.64	PASS
2717.00†	2709.54	-22.77	86.31	2690.48	2687.25	-174.95	-29.22	110.23	192.36	20.86	9.22	PASS
2817.00†	2805.97	-29.51	111.88	2785.56	2781.67	-184.85	-34.39	115.86	214.74	21.74	9.88	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



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STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: NORTH PLATTE K21-35-2MRLNC PWB Offset Wellpath: NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP												
Facility: SEC.26-T5N-R63W Slot: SLOT#27 NORTH PLATTE K21-35-2MRLNC 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
2917.00†	2901.42	-37.12	140.70	2879.57	2875.04	-194.64	-39.50	120.96	240.79	22.70	10.61	PASS
3017.00†	2995.77	-45.56	172.72	2972.41	2967.23	-204.31	-44.55	125.52	270.59	23.75	11.40	PASS
3117.00†	3088.91	-54.84	207.91	3063.96	3058.14	-213.84	-49.52	129.53	304.13	24.79	12.27	PASS
3217.00†	3180.72	-64.95	246.21	3154.10	3147.67	-223.23	-54.43	133.03	341.36	25.90	13.18	PASS
3317.00†	3271.10	-75.87	287.59	3242.74	3235.69	-232.46	-59.25	136.07	382.19	27.04	14.13	PASS
3417.00†	3359.92	-87.58	332.00	3329.75	3322.10	-241.52	-63.98	138.71	426.53	28.20	15.12	PASS
3517.00†	3447.09	-100.08	379.37	3415.04	3406.80	-250.40	-68.61	140.98	474.25	29.38	16.14	PASS
3617.00†	3532.50	-113.34	429.66	3498.50	3489.68	-259.09	-73.15	142.94	525.26	30.58	17.18	PASS
3680.03	3585.38	-122.09	462.83	3550.12	3540.95	-264.47	-75.96	144.03	559.05	31.33	17.85	PASS
3717.00†	3616.17	-127.31	482.61	3580.17	3570.79	-267.60	-77.59	144.90	579.28	31.75	18.24	PASS
3817.00†	3699.46	-141.43	536.12	3661.45	3651.50	-276.06	-82.01	146.97	634.44	32.90	19.28	PASS
3917.00†	3782.75	-155.54	589.63	3742.72	3732.21	-284.53	-86.43	148.72	690.11	34.04	20.27	PASS
4017.00†	3866.04	-169.66	643.14	3824.00	3812.92	-292.99	-90.85	150.22	746.17	35.18	21.21	PASS
4117.00†	3949.33	-183.77	696.65	3905.27	3893.64	-301.45	-95.27	151.51	802.55	36.32	22.09	PASS
4217.00†	4032.63	-197.89	750.16	3986.55	3974.35	-309.92	-99.69	152.65	859.18	37.47	22.93	PASS
4317.00†	4115.92	-212.00	803.67	4067.82	4055.06	-318.38	-104.11	153.64	916.01	38.61	23.72	PASS
4417.00†	4199.21	-226.12	857.18	4149.10	4135.77	-326.84	-108.53	154.52	973.01	39.76	24.47	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-B.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 K21-35-2MRLNC PWB Offset Wellpath: NORTH PLATTE K21-35-2MRLNC (REV-B.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	-73.51	-0.51	-73.51	-0.51



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STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

SURVEY PROGRAM - Offset Wellbore: NORTH PLATTE K21-35-2MRLNC (REV-B.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-B.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



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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	-6309.16	-274.15	-177.51	9039.50	71.71	127.21	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	-6579.64	-93.83	-6579.94	-92.30
8.75in Open Hole	17.00	6780.00	6763.00	47.00	6487.93	-6579.64	-93.83	-6510.86	-151.97
7in Casing Intermediate	17.00	6768.00	6751.00	47.00	6487.80	-6579.64	-93.83	-6514.52	-152.01
6.125in Open Hole	6768.00	11040.00	4272.00	6487.80	6484.76	-6514.52	-152.01	-5212.85	-130.48

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



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STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: STATE 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 STATE NORTH PLATTE A11-35-2XRLNC		Well: STATE 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	825.55	-1104.60	-53.23	1379.01	1.42	2239.24	PASS
C-C Clearance Distance Cutoff: 1000.00 ft												

POSITIONAL UNCERTAINTY - Offset Wellbore: STATE NORTH PLATTE A11-35-2XRLNC PWB Offset Wellpath: NORTH PLATTE A11-35-2XRLNC (REV-A.0) PWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: STATE 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	503.27	-673.35	503.27	-673.35

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)		STATE NORTH PLATTE A11-35-2XRLNC PWB
1550.00	16887.65	BHI AutoTrak Curve (Axial Corr, Short spacing)		STATE NORTH PLATTE A11-35-2XRLNC PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: STATE 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



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STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: STATE NORTH PLATTE 21-35-2MRLNB PWB Offset Wellpath: NORTH PLATTE 21-35-2MRLNB (REV-B.0) PWP												
Facility: SEC.26-T5N-R63W		Slot: SLOT#23 STATE NORTH PLATTE 21-35-2MRLNB		Well: STATE 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	800.41	-1028.80	-52.12	1303.49	1.42	2116.54	PASS
C-C Clearance Distance Cutoff: 1000.00 ft												

POSITIONAL UNCERTAINTY - Offset Wellbore: STATE NORTH PLATTE 21-35-2MRLNB PWB Offset Wellpath: NORTH PLATTE 21-35-2MRLNB (REV-B.0) PWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: STATE NORTH PLATTE 21-35-2MRLNB PWB Offset Wellpath: NORTH PLATTE 21-35-2MRLNB (REV-B.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	487.94	-627.15	487.94	-627.15

SURVEY PROGRAM - Offset Wellbore: Offset Wellpath: NORTH PLATTE 21-35-2MRLNB (REV-B.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 21-35-2MRLNB PWB
1550.00	12370.37	BHI AutoTrak Curve (Axial Corr, Short spacing)		STATE NORTH PLATTE 21-35-2MRLNB PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: STATE NORTH PLATTE 21-35-2MRLNB PWB Offset Wellpath: NORTH PLATTE 21-35-2MRLNB (REV-B.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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	-82.70	172.22	115.65	191.04	1.40	317.07	PASS
117.00†	117.00	0.00	0.00	117.08	117.08	-83.00	172.05	115.75	191.02	2.07	150.37	PASS
217.00†	217.00	0.00	0.00	217.08	217.07	-83.83	171.59	116.04	190.97	3.02	85.65	PASS
317.00†	317.00	0.00	0.00	317.40	317.39	-84.76	171.02	116.36	190.87	4.06	58.34	PASS
417.00†	417.00	0.00	0.00	418.43	418.42	-85.08	170.34	116.54	190.41	5.11	44.04	PASS
517.00†	517.00	0.00	0.00	519.18	519.16	-84.91	169.35	116.63	189.46	6.05	35.25	PASS
617.00†	617.00	0.00	0.00	618.89	618.87	-84.74	168.24	116.73	188.39	7.10	29.29	PASS
717.00†	717.00	0.00	0.00	718.72	718.69	-84.58	167.29	116.82	187.47	8.16	25.02	PASS
817.00†	817.00	0.00	0.00	818.85	818.82	-84.25	166.41	116.85	186.53	9.21	21.82	PASS
917.00†	917.00	0.00	0.00	918.93	918.89	-83.65	165.58	116.80	185.52	9.95	19.96	PASS
1017.00†	1017.00	0.00	0.00	1018.93	1018.89	-82.75	164.89	116.65	184.50	11.08	17.70	PASS
1117.00†	1117.00	0.00	0.00	1118.77	1118.71	-81.64	164.33	116.42	183.50	12.35	15.68	PASS
1217.00†	1217.00	0.00	0.00	1218.48	1218.42	-80.78	163.81	116.25	182.65	13.40	14.32	PASS
1317.00†	1317.00	0.00	0.00	1318.68	1318.62	-80.03	163.29	116.11	181.86	14.46	13.16	PASS
1417.00†	1417.00	0.00	0.00	1419.20	1419.12	-79.69	162.31	116.15	180.83	15.54	12.13	PASS
1517.00†	1517.00	0.00	0.00	1518.74	1518.62	-81.66	160.11	117.02	179.73	16.65	11.22	PASS
1617.00†	1617.00	0.00	0.00	1619.53	1619.26	-85.90	156.69	118.73	178.70	17.08	10.62	PASS
1717.00†	1717.00	0.00	0.00	1719.88	1719.30	-91.93	151.70	121.22	177.39	17.67	10.19	PASS
1817.00†	1817.00	0.00	0.00	1817.61	1816.58	-99.50	146.15	124.25	176.81	18.28	9.81	PASS
1917.00†	1917.00	0.00	0.00	1918.07	1916.23	-109.87	138.89	128.35	177.09	18.99	9.46	PASS
2000.00	2000.00	0.00	0.00	2000.95	1998.16	-119.79	131.22	132.39	177.69	19.61	9.18	PASS
2017.00†	2017.00	-0.01	0.05	2018.37	2015.36	-121.95	129.46	28.52	177.81	19.75	9.13	PASS
2117.00†	2116.97	-0.61	2.31	2119.92	2115.27	-134.95	116.84	34.78	176.54	20.62	8.67	PASS
2217.00†	2216.79	-2.10	7.94	2219.29	2212.65	-148.15	102.12	42.42	173.84	21.59	8.15	PASS
2317.00†	2316.35	-4.47	16.94	2316.80	2307.71	-160.96	84.59	51.76	170.71	22.55	7.66	PASS
2351.61†	2350.73	-5.50	20.84	2348.79	2338.78	-165.42	78.43	55.21	170.40	22.79	7.56	PASS
2417.00†	2415.53	-7.73	29.29	2409.41	2397.51	-174.36	66.35	62.16	171.65	23.32	7.44	PASS
2442.57†	2440.81	-8.70	32.99	2433.09	2420.39	-177.93	61.44	64.98	172.82	23.51	7.43	PASS
2517.00†	2514.20	-11.87	44.99	2501.12	2485.98	-188.41	46.73	73.32	178.80	24.03	7.52	PASS
2617.00†	2612.24	-16.88	64.00	2590.79	2572.02	-202.56	25.82	84.33	193.78	24.70	7.93	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: STATE NORTH PLATTE 24-21-26HNC AWP 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
2717.00†	2709.54	-22.77	86.31	2679.20	2656.41	-216.19	3.28	94.62	217.09	25.44	8.62	PASS
2817.00†	2805.97	-29.51	111.88	2768.98	2742.17	-229.28	-19.82	103.72	247.64	26.36	9.49	PASS
2917.00†	2901.42	-37.12	140.70	2859.15	2828.83	-241.36	-41.62	111.28	283.24	27.44	10.42	PASS
3017.00†	2995.77	-45.56	172.72	2945.57	2912.12	-253.60	-61.15	117.05	323.99	28.57	11.45	PASS
3117.00†	3088.91	-54.84	207.91	3037.33	3001.01	-266.16	-80.13	122.11	367.89	29.89	12.42	PASS
3217.00†	3180.72	-64.95	246.21	3122.15	3083.42	-277.74	-96.55	125.92	415.01	31.17	13.43	PASS
3317.00†	3271.10	-75.87	287.59	3204.47	3163.45	-289.18	-112.09	129.03	465.66	32.46	14.47	PASS
3417.00†	3359.92	-87.58	332.00	3278.32	3235.17	-299.45	-126.39	131.36	520.16	33.68	15.57	PASS
3517.00†	3447.09	-100.08	379.37	3346.35	3301.05	-308.94	-140.45	133.19	578.94	34.86	16.74	PASS
3617.00†	3532.50	-113.34	429.66	3409.25	3361.70	-318.05	-154.40	134.56	642.03	36.01	17.96	PASS
3680.03	3585.38	-122.09	462.83	3446.29	3397.26	-323.81	-163.01	135.19	683.92	36.73	18.76	PASS
3717.00†	3616.17	-127.31	482.61	3467.51	3417.58	-327.30	-168.06	135.96	709.09	37.13	19.24	PASS
3817.00†	3699.46	-141.43	536.12	3526.53	3473.85	-337.57	-182.56	137.87	778.38	38.26	20.49	PASS
3917.00†	3782.75	-155.54	589.63	3585.90	3530.26	-348.25	-197.69	139.51	848.98	39.39	21.71	PASS
4017.00†	3866.04	-169.66	643.14	3646.43	3587.59	-359.37	-213.61	140.96	920.63	40.53	22.87	PASS
4117.00†	3949.33	-183.77	696.65	3713.10	3650.60	-371.81	-231.50	142.34	993.01	41.80	23.92	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: STATE NORTH PLATTE 24-21-26HNC AWP Offset Wellpath: STATE NORTH PLATTE 24-21-26HNC AWP			
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical
			3.000ft



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	-50.41	104.98	-51.14	104.43
9.625in Casing Surface	17.00	467.00	450.00	17.00	466.98	-50.41	104.98	-51.12	104.28
8.75in Open Hole	467.00	6865.00	6398.00	466.98	6387.07	-51.12	104.28	-19.69	-109.93
7in Casing Intermediate	17.00	6859.00	6842.00	17.00	6386.98	-50.41	104.98	-21.52	-109.93
6.125in Open Hole	6859.00	10965.00	4106.00	6386.98	6399.47	-21.52	-109.93	1229.17	-95.73

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



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STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	-6302.38	-595.44	-174.60	8928.19	67.52	133.81	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	-6597.41	-75.13	-6594.77	-76.33
7in Casing Intermediate	12.00	6742.00	6730.00	41.00	6311.73	-6597.41	-75.13	-6491.47	-243.01

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 Directional 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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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: 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	831.75	-1124.10	-53.50	1398.36	1.42	2270.67	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
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		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	507.05	-685.24	507.05	-685.24

SURVEY PROGRAM - Offset Wellbore: 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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	11.05	18.05	-964.14	3062.11	107.48	3210.31	25.40	130.46	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
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		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	Wellbore
0.00	7484.00	ISCWSA MWD, Rev. 3 (Standard)	3rd Party MWD Surveys provided by Bonanza Creek <92'-9569'>
7484.00	11310.00	BHI NaviTrak (Standard)	STATE NORTH PLATTE K-O-36HC AWB
11310.00	11360.00	Blind Drilling (std)	BHI/Navitrak MWD Surveys<7544'-11310'>
		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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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 024-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	-100.91	172.22	120.37	199.60	1.56	331.07	PASS
117.00†	117.00	0.00	0.00	117.54	117.54	-101.07	171.96	120.45	199.47	2.08	155.06	PASS
217.00†	217.00	0.00	0.00	217.41	217.40	-101.38	171.45	120.60	199.18	3.04	88.71	PASS
317.00†	317.00	0.00	0.00	317.56	317.55	-101.55	171.11	120.69	198.98	4.07	60.55	PASS
417.00†	417.00	0.00	0.00	417.78	417.78	-101.50	170.67	120.74	198.58	5.12	45.82	PASS
517.00†	517.00	0.00	0.00	517.30	517.29	-101.63	170.29	120.83	198.31	6.06	36.83	PASS
617.00†	617.00	0.00	0.00	617.24	617.24	-102.05	169.89	120.99	198.18	7.14	30.63	PASS
717.00†	717.00	0.00	0.00	717.07	717.06	-102.58	169.46	121.19	198.08	8.20	26.30	PASS
817.00†	817.00	0.00	0.00	816.57	816.56	-103.18	169.20	121.38	198.18	9.24	23.10	PASS
917.00†	917.00	0.00	0.00	916.26	916.24	-103.84	169.19	121.54	198.51	10.03	21.20	PASS
1017.00†	1017.00	0.00	0.00	1016.29	1016.27	-104.45	169.25	121.68	198.89	10.66	19.88	PASS
1117.00†	1117.00	0.00	0.00	1116.40	1116.38	-105.01	169.31	121.81	199.23	12.39	16.97	PASS
1217.00†	1217.00	0.00	0.00	1218.23	1218.20	-105.98	168.75	122.13	199.27	13.49	15.52	PASS
1317.00†	1317.00	0.00	0.00	1322.51	1322.41	-108.20	165.39	123.19	197.71	14.70	14.06	PASS
1417.00†	1417.00	0.00	0.00	1425.36	1425.04	-110.70	159.26	124.80	194.12	15.88	12.74	PASS
1517.00†	1517.00	0.00	0.00	1526.40	1525.63	-114.84	150.76	127.30	189.72	16.94	11.63	PASS
1617.00†	1617.00	0.00	0.00	1625.71	1624.16	-121.19	140.16	130.85	185.43	17.36	10.85	PASS
1717.00†	1717.00	0.00	0.00	1722.69	1720.03	-129.84	128.36	135.33	182.60	17.96	10.32	PASS
1803.78†	1803.78	0.00	0.00	1807.83	1804.05	-138.63	117.73	139.66	181.88	18.55	9.95	PASS
1817.00†	1817.00	0.00	0.00	1820.59	1816.63	-139.99	116.13	140.32	181.89	18.63	9.90	PASS
1917.00†	1917.00	0.00	0.00	1920.42	1914.97	-150.73	102.74	145.72	182.42	19.37	9.55	PASS
2000.00	2000.00	0.00	0.00	2000.72	1994.02	-159.62	91.82	150.09	184.24	20.00	9.33	PASS
2017.00†	2017.00	-0.01	0.05	2017.01	2010.07	-161.49	89.65	46.19	184.80	20.13	9.30	PASS
2117.00†	2116.97	-0.61	2.31	2112.47	2103.82	-173.58	76.44	51.92	188.64	20.93	9.13	PASS
2217.00†	2216.79	-2.10	7.94	2207.99	2197.25	-187.32	62.03	58.64	193.95	21.77	9.02	PASS
2287.21†	2286.73	-3.67	13.91	2275.95	2263.72	-197.25	51.98	63.61	198.63	22.34	8.99	PASS
2317.00†	2316.35	-4.47	16.94	2304.74	2291.92	-201.40	47.87	65.72	200.84	22.57	9.00	PASS
2417.00†	2415.53	-7.73	29.29	2401.60	2386.84	-215.16	34.46	72.86	209.47	23.34	9.07	PASS
2517.00†	2514.20	-11.87	44.99	2496.49	2479.99	-228.13	21.76	79.90	220.18	24.09	9.24	PASS
2617.00†	2612.24	-16.88	64.00	2587.17	2568.72	-241.56	8.78	86.75	235.42	24.83	9.58	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: STATE NORTH PLATTE 024-K21-26HNB AWP Offset Wellpath: STATE NORTH PLATTE 024-K21-26HNB AWP												
Facility: SEC.26-T5N-R63W Slot: SLOT#08 STATE NORTH PLATTE 024-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
2717.00†	2709.54	-22.77	86.31	2679.35	2658.75	-255.86	-4.96	93.53	255.42	25.69	10.04	PASS
2817.00†	2805.97	-29.51	111.88	2772.89	2750.18	-270.09	-18.57	99.91	279.30	26.69	10.57	PASS
2917.00†	2901.42	-37.12	140.70	2866.32	2841.69	-283.75	-31.65	105.75	306.76	27.82	11.13	PASS
3017.00†	2995.77	-45.56	172.72	2959.75	2933.38	-296.30	-44.41	111.15	337.50	29.10	11.70	PASS
3117.00†	3088.91	-54.84	207.91	3051.41	3023.54	-307.45	-56.63	116.02	371.56	30.46	12.30	PASS
3217.00†	3180.72	-64.95	246.21	3141.15	3111.94	-317.88	-68.04	120.30	409.21	31.88	12.94	PASS
3317.00†	3271.10	-75.87	287.59	3228.01	3197.60	-327.71	-78.50	123.98	450.39	33.34	13.62	PASS
3417.00†	3359.92	-87.58	332.00	3307.91	3276.34	-337.22	-88.16	126.92	495.83	34.73	14.39	PASS
3517.00†	3447.09	-100.08	379.37	3386.08	3353.28	-347.00	-97.95	129.44	545.54	36.15	15.21	PASS
3617.00†	3532.50	-113.34	429.66	3453.60	3419.59	-355.89	-107.05	131.26	599.70	37.46	16.13	PASS
3680.03	3585.38	-122.09	462.83	3493.42	3458.55	-361.54	-112.99	132.17	636.39	38.26	16.75	PASS
3717.00†	3616.17	-127.31	482.61	3519.21	3483.75	-365.32	-117.01	133.15	658.58	38.77	17.11	PASS
3817.00†	3699.46	-141.43	536.12	3588.69	3551.53	-375.77	-128.13	135.52	719.74	40.13	18.06	PASS
3917.00†	3782.75	-155.54	589.63	3657.36	3618.40	-386.47	-139.53	137.54	782.32	41.44	19.00	PASS
4017.00†	3866.04	-169.66	643.14	3728.54	3687.59	-397.86	-151.73	139.34	846.01	42.78	19.91	PASS
4117.00†	3949.33	-183.77	696.65	3801.79	3758.80	-409.47	-164.41	140.97	910.31	44.14	20.76	PASS
4217.00†	4032.63	-197.89	750.16	3874.58	3829.55	-420.91	-177.11	142.39	975.09	45.47	21.58	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: STATE NORTH PLATTE 024-K21-26HNB AWP Offset Wellpath: STATE NORTH PLATTE 024-K21-26HNB AWP			
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical
			1.000ft
			3.000ft



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	-61.52	104.98	-61.69	104.49
9.625in Casing Intermediate	17.00	437.00	420.00	17.00	437.00	-61.52	104.98	-61.69	104.49
8.5in Open Hole	437.00	6731.00	6294.00	437.00	6312.77	-61.69	104.49	-28.90	-64.40
7in Casing	17.00	6731.00	6714.00	17.00	6312.77	-61.52	104.98	-28.90	-64.40
6.125in Open Hole	6731.00	10830.00	4099.00	6312.77	6330.27	-28.90	-64.40	1219.87	-49.51

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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: STATE NORTH PLATTE O-K-26HNB AWP Offset Wellpath: STATE NORTH PLATTE O-K-26HNB AWP												
Facility: SEC.26-T5N-R63W		Slot: SLOT#06 STATE NORTH PLATTE O-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	-140.99	172.22	129.31	222.57	1.10	739.22	PASS
117.00†	117.00	0.00	0.00	116.96	117.96	-141.09	171.85	129.39	222.35	2.10	171.20	PASS
217.00†	217.00	0.00	0.00	218.43	219.42	-141.30	170.73	129.61	221.62	3.08	97.07	PASS
317.00†	317.00	0.00	0.00	318.67	319.65	-141.24	169.20	129.85	220.42	4.13	66.04	PASS
417.00†	417.00	0.00	0.00	418.89	419.86	-140.91	167.91	130.00	219.22	5.16	50.09	PASS
517.00†	517.00	0.00	0.00	519.64	520.60	-139.73	166.90	129.94	217.70	6.09	40.17	PASS
617.00†	617.00	0.00	0.00	616.76	617.71	-139.42	165.73	130.07	216.58	7.16	33.37	PASS
630.68†	630.68	0.00	0.00	629.97	630.92	-139.63	165.53	130.15	216.56	7.33	32.53	PASS
717.00†	717.00	0.00	0.00	712.11	712.99	-142.57	164.24	130.96	217.52	8.59	27.45	PASS
817.00†	817.00	0.00	0.00	811.38	812.14	-147.31	162.79	132.14	219.60	9.98	23.56	PASS
917.00†	917.00	0.00	0.00	911.23	911.86	-152.18	161.36	133.32	221.86	10.97	21.52	PASS
1017.00†	1017.00	0.00	0.00	1011.12	1011.62	-157.09	159.91	134.49	224.23	11.96	19.85	PASS
1117.00†	1117.00	0.00	0.00	1111.08	1111.45	-161.90	158.52	135.60	226.65	12.98	18.39	PASS
1217.00†	1217.00	0.00	0.00	1211.24	1211.49	-166.60	157.16	136.67	229.10	14.00	17.16	PASS
1317.00†	1317.00	0.00	0.00	1311.55	1311.68	-171.25	155.61	137.74	231.45	15.04	16.09	PASS
1417.00†	1417.00	0.00	0.00	1411.00	1411.02	-175.82	154.01	138.78	233.81	16.07	15.16	PASS
1517.00†	1517.00	0.00	0.00	1508.81	1508.69	-180.74	152.74	139.80	236.78	17.10	14.39	PASS
1617.00†	1617.00	0.00	0.00	1606.74	1606.39	-187.21	151.02	141.11	240.76	17.49	13.98	PASS
1717.00†	1717.00	0.00	0.00	1702.70	1701.94	-195.54	148.42	142.80	245.95	18.05	13.84	PASS
1817.00†	1817.00	0.00	0.00	1803.93	1802.64	-205.44	145.29	144.73	252.04	18.70	13.68	PASS
1917.00†	1917.00	0.00	0.00	1901.65	1899.83	-215.03	141.84	146.59	258.16	19.34	13.54	PASS
2000.00	2000.00	0.00	0.00	1983.76	1981.43	-223.63	138.77	148.18	263.84	19.90	13.44	PASS
2017.00†	2017.00	-0.01	0.05	2001.11	1998.66	-225.49	138.07	43.73	265.00	20.02	13.42	PASS
2117.00†	2116.97	-0.61	2.31	2105.96	2102.90	-235.66	132.88	46.11	269.25	20.81	13.11	PASS
2217.00†	2216.79	-2.10	7.94	2205.23	2201.66	-244.21	127.87	48.77	270.61	21.64	12.66	PASS
2317.00†	2316.35	-4.47	16.94	2301.41	2297.38	-252.73	123.68	51.78	270.90	22.42	12.23	PASS
2417.00†	2415.53	-7.73	29.29	2396.08	2391.43	-262.53	119.27	55.44	271.29	23.19	11.83	PASS
2517.00†	2514.20	-11.87	44.99	2491.51	2486.05	-273.80	114.09	59.92	272.35	23.99	11.48	PASS
2617.00†	2612.24	-16.88	64.00	2588.12	2581.66	-285.88	107.30	65.32	274.17	24.81	11.17	PASS
2717.00†	2709.54	-22.77	86.31	2684.52	2677.11	-297.61	100.56	71.19	277.11	25.69	10.90	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



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STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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 O-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
2817.00†	2805.97	-29.51	111.88	2779.12	2770.81	-308.97	94.24	77.30	282.21	26.65	10.69	PASS
2917.00†	2901.42	-37.12	140.70	2873.64	2864.45	-320.30	88.12	83.66	290.39	27.76	10.56	PASS
3017.00†	2995.77	-45.56	172.72	2969.92	2959.92	-331.14	81.96	90.29	301.79	29.06	10.48	PASS
3063.12†	3038.89	-49.74	188.56	3014.02	3003.72	-335.71	79.62	93.28	308.03	29.74	10.45	PASS
3117.00†	3088.91	-54.84	207.91	3060.17	3049.53	-340.66	77.19	96.36	316.75	30.48	10.48	PASS
3217.00†	3180.72	-64.95	246.21	3145.17	3133.79	-350.68	72.05	101.92	337.90	31.99	10.65	PASS
3317.00†	3271.10	-75.87	287.59	3231.63	3219.35	-361.14	65.41	107.42	365.27	33.62	10.95	PASS
3417.00†	3359.92	-87.58	332.00	3318.45	3305.35	-371.02	58.68	112.60	397.52	35.33	11.34	PASS
3517.00†	3447.09	-100.08	379.37	3397.49	3383.49	-381.38	52.99	116.65	435.55	36.98	11.86	PASS
3617.00†	3532.50	-113.34	429.66	3476.47	3461.42	-392.94	47.33	120.20	478.96	38.68	12.47	PASS
3680.03	3585.38	-122.09	462.83	3525.14	3509.38	-400.39	43.72	122.15	508.80	39.75	12.89	PASS
3717.00†	3616.17	-127.31	482.61	3553.40	3537.20	-404.84	41.58	123.55	527.03	40.35	13.15	PASS
3817.00†	3699.46	-141.43	536.12	3634.69	3617.20	-417.87	35.42	127.12	577.83	42.05	13.83	PASS
3917.00†	3782.75	-155.54	589.63	3718.59	3699.83	-431.14	29.45	130.26	629.79	43.76	14.48	PASS
4017.00†	3866.04	-169.66	643.14	3804.91	3784.93	-444.48	23.77	133.03	682.45	45.45	15.11	PASS
4117.00†	3949.33	-183.77	696.65	3894.24	3873.17	-457.34	18.49	135.54	735.22	47.13	15.69	PASS
4217.00†	4032.63	-197.89	750.16	3982.53	3960.57	-469.00	13.88	137.76	787.91	48.75	16.25	PASS
4317.00†	4115.92	-212.00	803.67	4067.17	4044.42	-479.71	9.78	139.64	840.85	50.27	16.82	PASS
4417.00†	4199.21	-226.12	857.18	4152.10	4128.62	-490.16	5.89	141.34	894.09	51.77	17.36	PASS
4517.00†	4282.50	-240.24	910.69	4237.60	4213.45	-500.14	2.13	142.88	947.53	53.20	17.90	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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	-85.95	104.98	-85.97	103.80
9.625in Casing Surface	17.00	439.00	422.00	18.00	439.97	-85.95	104.98	-85.88	103.60
8.75in Open Hole	384.00	6690.00	6306.00	384.97	6305.14	-85.97	103.80	-46.45	41.50
7in Casing	17.00	6685.00	6668.00	18.00	6304.90	-85.95	104.98	-47.97	41.49
6.125in Open Hole	6685.00	10756.00	4071.00	6304.90	6334.68	-47.97	41.49	1192.45	52.74

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



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STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	-1423.34	-870.05	-148.56	1668.20	25.40	67.78	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
Facility Surface Uncertainty @1SD		Horizontal	8.200ft	Vertical
				1.000ft
				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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	-122.77	172.22	125.49	211.50	1.40	351.16	PASS
117.00†	117.00	0.00	0.00	116.74	116.74	-122.92	172.19	125.52	211.56	2.06	167.01	PASS
217.00†	217.00	0.00	0.00	216.64	216.64	-123.31	172.10	125.62	211.72	3.02	95.04	PASS
317.00†	317.00	0.00	0.00	316.56	316.55	-123.99	171.84	125.81	211.90	4.05	64.90	PASS
417.00†	417.00	0.00	0.00	416.76	416.75	-124.88	171.41	126.08	212.08	5.10	49.11	PASS
517.00†	517.00	0.00	0.00	516.68	516.67	-125.46	171.15	126.24	212.21	5.82	41.28	PASS
617.00†	617.00	0.00	0.00	616.69	616.68	-125.93	171.02	126.37	212.39	6.60	35.81	PASS
717.00†	717.00	0.00	0.00	717.95	717.93	-126.18	170.81	126.45	212.37	7.31	32.00	PASS
817.00†	817.00	0.00	0.00	820.26	820.22	-127.07	168.73	126.99	211.25	8.10	28.43	PASS
917.00†	917.00	0.00	0.00	921.13	921.00	-129.19	164.93	128.07	209.54	9.05	25.00	PASS
1017.00†	1017.00	0.00	0.00	1022.00	1021.75	-131.26	160.55	129.27	207.43	9.94	22.36	PASS
1117.00†	1117.00	0.00	0.00	1121.23	1120.82	-133.82	155.54	130.71	205.22	10.87	20.10	PASS
1217.00†	1217.00	0.00	0.00	1225.18	1224.60	-136.27	150.13	132.23	202.90	12.07	17.77	PASS
1317.00†	1317.00	0.00	0.00	1328.63	1327.57	-139.02	140.76	134.64	198.12	13.12	15.89	PASS
1417.00†	1417.00	0.00	0.00	1427.68	1425.69	-144.08	128.22	138.34	193.07	14.16	14.29	PASS
1517.00†	1517.00	0.00	0.00	1525.93	1522.55	-151.37	113.51	143.13	189.28	15.28	12.93	PASS
1591.24†	1591.24	0.00	0.00	1595.60	1590.87	-158.25	101.73	147.27	188.13	15.55	12.31	PASS
1617.00†	1617.00	0.00	0.00	1619.97	1614.68	-161.12	97.40	148.85	188.29	15.80	12.12	PASS
1717.00†	1717.00	0.00	0.00	1721.42	1713.50	-173.11	77.81	155.80	189.83	16.70	11.55	PASS
1817.00†	1817.00	0.00	0.00	1821.72	1810.84	-183.60	56.03	163.03	192.06	17.61	11.07	PASS
1917.00†	1917.00	0.00	0.00	1913.89	1899.97	-194.20	35.11	169.75	198.08	18.46	10.89	PASS
1943.41†	1943.41	0.00	0.00	1939.11	1924.34	-197.38	29.44	171.52	200.48	18.69	10.88	PASS
2000.00	2000.00	0.00	0.00	1993.25	1976.71	-204.30	17.59	175.08	206.37	19.18	10.91	PASS
2017.00†	2017.00	-0.01	0.05	2009.23	1992.18	-206.38	14.15	71.27	208.33	19.31	10.94	PASS
2117.00†	2116.97	-0.61	2.31	2102.69	2082.52	-219.26	-6.03	77.06	221.50	20.05	11.20	PASS
2217.00†	2216.79	-2.10	7.94	2196.64	2173.15	-233.17	-26.47	82.91	237.66	20.77	11.59	PASS
2317.00†	2316.35	-4.47	16.94	2293.19	2266.45	-247.39	-46.81	88.67	256.06	21.44	12.09	PASS
2417.00†	2415.53	-7.73	29.29	2389.14	2359.13	-260.52	-67.91	94.46	276.65	22.11	12.67	PASS
2517.00†	2514.20	-11.87	44.99	2482.81	2449.87	-272.39	-87.89	99.82	299.44	22.78	13.30	PASS
2617.00†	2612.24	-16.88	64.00	2565.74	2530.01	-284.59	-105.35	104.07	327.27	23.40	14.15	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: STATE NORTH PLATTE 24-21-26HNB AWP 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
2717.00†	2709.54	-22.77	86.31	2645.68	2606.59	-297.31	-124.46	108.06	361.10	24.07	15.18	PASS
2817.00†	2805.97	-29.51	111.88	2728.98	2685.85	-310.64	-146.32	112.08	400.16	24.91	16.24	PASS
2917.00†	2901.42	-37.12	140.70	2843.12	2795.29	-324.13	-175.68	117.63	440.15	26.31	16.90	PASS
3017.00†	2995.77	-45.56	172.72	2932.49	2881.77	-331.34	-197.05	121.52	481.03	27.58	17.62	PASS
3117.00†	3088.91	-54.84	207.91	3007.63	2954.44	-338.53	-214.71	124.23	526.47	28.57	18.61	PASS
3217.00†	3180.72	-64.95	246.21	3108.60	3052.48	-348.60	-236.66	127.65	574.52	29.96	19.35	PASS
3317.00†	3271.10	-75.87	287.59	3182.50	3124.40	-355.94	-251.94	129.64	625.35	31.14	20.26	PASS
3417.00†	3359.92	-87.58	332.00	3254.76	3194.57	-363.30	-267.55	131.40	680.31	32.32	21.23	PASS
3517.00†	3447.09	-100.08	379.37	3331.89	3269.36	-370.51	-284.96	133.23	738.96	33.62	22.17	PASS
3617.00†	3532.50	-113.34	429.66	3416.36	3351.49	-378.19	-303.18	135.11	799.98	35.06	23.00	PASS
3680.03	3585.38	-122.09	462.83	3471.23	3404.99	-383.37	-314.20	136.22	839.39	36.01	23.49	PASS
3717.00†	3616.17	-127.31	482.61	3494.82	3428.01	-385.63	-318.80	136.96	862.78	36.47	23.84	PASS
3817.00†	3699.46	-141.43	536.12	3550.86	3482.58	-390.71	-330.48	138.65	927.45	37.58	24.86	PASS
3917.00†	3782.75	-155.54	589.63	3604.74	3534.86	-395.34	-342.71	140.15	994.09	38.66	25.90	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

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	-74.84	104.98	-75.49	104.73
9.625in Casing Surface	17.00	476.00	459.00	17.00	475.99	-74.84	104.98	-75.59	104.69
8.75in Open Hole	421.00	6817.00	6396.00	420.99	6303.91	-75.49	104.73	-20.92	-163.25
7in Casing Intermediate	17.00	6811.00	6794.00	17.00	6304.06	-74.84	104.98	-22.75	-163.31
6.125in Open Hole	6774.00	10876.00	4102.00	6305.13	6336.28	-34.02	-163.63	1215.75	-150.17

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



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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	11.05	18.05	-964.14	3062.11	107.48	3210.31	25.40	130.46	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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	-6347.51	-2138.50	-161.38	9182.21	72.86	127.42	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
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	3.000ft
		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	-6457.32	-1604.99	-6478.00	-1596.53
7in Casing Intermediate	15.00	6763.00	6748.00	26.00	6302.32	-6457.32	-1604.99	-6442.70	-1524.31

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
15.00	6725.00	ISCWSA MWD, Rev. 3 (Standard)	Ensign Directional MWD Vert/Curve From COGCC <15'-6725'>
6725.00	10915.00	ISCWSA MWD, Rev. 3 (Standard)	Ensign Directional Lat. MWD Surveys From COGCC <6771'-10915'>
10915.00	10968.00	Blind Drilling (std)	Projection to bit

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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	-10592.87	-2646.24	-165.97	10918.40	25.40	443.77	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
Facility Surface Uncertainty @1SD		Horizontal	8.200ft	Vertical

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	-6457.32	-1613.49	-6458.00	-1611.31
4.5in Casing Intermediate	15.00	6701.00	6686.00	26.00	N/A	-6457.32	-1613.49	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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	22.68	12.68	4165.22	-1658.35	-21.71	4483.21	1.43	7149.49	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
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		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



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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	36.98	26.98	4143.33	-1658.34	-21.81	4462.89	1.44	6954.82	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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	18.03	19.03	4183.42	-1658.35	-21.62	4500.13	1.45	6931.48	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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	29.41	13.41	4222.73	-1533.14	-19.95	4492.44	1.43	7190.11	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
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: STATE NORTH PLATTE A11-E14-26HNC AWB Offset Wellpath: STATE NORTH PLATTE A11-E14-26HNC 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	1678.00	1661.00	1.00	1655.50	2574.20	-934.52	2588.40	-961.49
9.625in Casing Surface	17.00	1666.00	1649.00	1.00	1643.72	2574.20	-934.52	2588.07	-960.88
8.5in Open Hole	1678.00	11015.00	9337.00	1655.50	6421.07	2588.40	-961.49	1237.50	-1182.25

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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	55.68	44.68	4205.17	-1658.20	-21.52	4520.39	1.49	6540.90	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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	28.18	17.18	4223.51	-1658.33	-21.44	4537.41	1.44	7075.18	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



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STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	33.40	16.40	4142.74	-1533.74	-20.32	4417.54	1.43	7010.04	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

HOLE & CASING SECTIONS - Offset Wellbore: STATE NORTH PLATTE A-E-26HNB AWB Offset Wellpath: STATE NORTH PLATTE A-E-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	1630.00	1613.00	0.00	1603.56	2525.44	-934.89	2525.31	-968.66
9.625in Casing Surface	17.00	1640.00	1623.00	0.00	1613.30	2525.44	-934.89	2525.33	-969.34
8.5in Open Hole	1630.00	11005.00	9375.00	1603.56	6347.35	2525.31	-968.66	1215.56	-1272.66

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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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: 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	806.60	-1048.03	-52.42	1322.49	1.42	2147.41	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
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		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	491.72	-638.87	491.72	-638.87

SURVEY PROGRAM - Offset Wellbore: 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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	40.08	23.08	4162.71	-1533.63	-20.23	4436.24	1.45	6890.57	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
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: NORTH PLATTE O24-K21-23HNB AWB Offset Wellpath: NORTH PLATTE O24-K21-23HNB 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	1678.00	1661.00	0.00	1659.37	2537.63	-934.82	2538.13	-925.34
9.625in Casing Surface	17.00	1680.00	1663.00	0.00	1661.35	2537.63	-934.82	2538.15	-925.26
8.5in Open Hole	1678.00	11169.00	9491.00	1659.37	6352.40	2538.13	-925.34	4137.26	-578.95

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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: NORTH PLATTE 024-K21-23HNB AWP Offset Wellpath: NORTH PLATTE 024-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



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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	37.26	20.26	4182.73	-1533.47	-20.13	4454.97	1.46	6809.63	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

HOLE & CASING SECTIONS - Offset Wellbore: NORTH PLATTE 24-21-23HNC AWB Offset Wellpath: NORTH PLATTE 24-21-23HNC 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	1680.00	1663.00	0.00	1659.92	2549.82	-934.72	2558.27	-920.06
9.625in Casing Surface	17.00	1671.00	1654.00	0.00	1651.03	2549.82	-934.72	2558.02	-920.39
8.5in Open Hole	1680.00	11096.00	9416.00	1659.92	6418.39	2558.27	-920.06	4139.82	-718.29

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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: NORTH PLATTE 24-21-23HNC AWP		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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	32.14	16.14	4202.74	-1533.28	-20.04	4473.70	1.60	7006.56	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
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: NORTH PLATTE J-F-23HNB AWB Offset Wellpath: NORTH PLATTE J-F-23HNB 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	523.00	506.00	1.00	506.95	2562.01	-934.62	2562.72	-932.82
8.5in Open Hole	523.00	11010.00	10487.00	506.95	6352.12	2562.72	-932.82	4155.13	-855.87

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
17.00	1613.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI MWD NAVITRAK+SR+ROCKIES <121-1613>
1613.00	10985.00	Custom BHI AutoTrak Curve (Axial Corr, Short spacing) (Rockies 0.03Gt model)	BHI ATCURVE +AC+SS+ROCKIES <1757-10985>
10985.00	11010.00	Blind Drilling (std)	Projection to bit

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



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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	28.52	12.52	4262.74	-1532.79	-19.78	4529.94	1.43	7228.33	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

HOLE & CASING SECTIONS - Offset Wellbore: NORTH PLATTE J14-F11-23HC AWB Offset Wellpath: NORTH PLATTE J14-F11-23HC 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	1679.00	1662.00	1.00	1648.56	2598.59	-934.31	2647.90	-950.34
9.625in Casing Surface	17.00	1680.00	1663.00	1.00	1649.54	2598.59	-934.31	2647.95	-950.37
8.5in Open Hole	1679.00	11211.00	9532.00	1648.56	6525.13	2647.90	-950.34	4175.51	-1011.39

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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: NORTH PLATTE J14-F11-23HC AWP 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



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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	30.48	14.48	4242.74	-1532.96	-19.86	4511.19	1.43	7224.80	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

HOLE & CASING SECTIONS - Offset Wellbore: NORTH PLATTE E14-A11-23HNB AWB Offset Wellpath: NORTH PLATTE E14-A11-23HNB 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	1681.00	1664.00	1.00	1646.97	2586.40	-934.41	2620.95	-983.16
9.625in Casing Surface	17.00	1674.00	1657.00	1.00	1640.08	2586.40	-934.41	2620.73	-982.85
8.5in Open Hole	1681.00	11038.00	9357.00	1646.97	6368.96	2620.95	-983.16	4168.47	-1129.99

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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: NORTH PLATTE E14-A11-23HNB AWP 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



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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB 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	35.16	18.16	4102.69	-1534.11	-20.50	4380.13	1.43	6939.45	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

HOLE & CASING SECTIONS - Offset Wellbore: NORTH PLATTE E-A-23HNC AWB Offset Wellpath: NORTH PLATTE E-A-23HNC 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	1632.00	1615.00	0.00	1602.36	2501.03	-935.12	2518.10	-974.36
9.625in Casing Surface	17.00	1640.00	1623.00	0.00	1610.20	2501.03	-935.12	2518.32	-974.78
8.5in Open Hole	1632.00	11142.00	9510.00	1602.36	6437.05	2518.10	-974.36	4120.54	-1267.57

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



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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB
Area	COLORADO	Well	STATE NORTH PLATTE U41-35-1XRLNB
Field	WELD COUNTY	Wellbore	STATE NORTH PLATTE U41-35-1XRLNB PWB
Facility	SEC.26-T5N-R63W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: NORTH PLATTE E-A-23HNC AWP 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