



Planned Wellpath Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	11/6/2017 at 2:43:59 PM
Convergence at slot	0.71° East	Database/Source file	Denver/NORTH_PLATTE_K21-35-2MRLNC__REV-B.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	-4263.83	1657.80	3305660.89	1377531.61	40°21'52.330"N	104°24'11.020"W
Facility Reference Pt			3303950.84	1381774.54	40°22'34.464"N	104°24'32.436"W
Field Reference Pt			3224525.77	1254425.87	40°01'44.400"N	104°41'53.556"W

WELLPATH DATUM

Calculation method	Minimum curvature	RIG (4550'GL + 17'RKB) (RKB) to Facility Vertical Datum	4567.00ft
Horizontal Reference Pt	Slot	RIG (4550'GL + 17'RKB) (RKB) to Mean Sea Level	4567.00ft
Vertical Reference Pt	RIG (4550'GL + 17'RKB) (RKB)	RIG (4550'GL + 17'RKB) (RKB) to Mud Line at Slot (SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7, STATE NORTH PLATTE O-26 PAD))	4567.00ft
MD Reference Pt	RIG (4550'GL + 17'RKB) (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	182.43°



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Facility	SEC.26-T5N-R63W		

WELLPATH DATA (121 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	207.569	0.00	0.00	0.00	0.00	40°21'52.330"N	104°24'11.020"W	0.00	
17.00	0.000	207.569	17.00	0.00	0.00	0.00	40°21'52.330"N	104°24'11.020"W	0.00	Tie On
117.00†	0.000	207.569	117.00	0.00	0.00	0.00	40°21'52.330"N	104°24'11.020"W	0.00	
217.00†	0.000	207.569	217.00	0.00	0.00	0.00	40°21'52.330"N	104°24'11.020"W	0.00	
317.00†	0.000	207.569	317.00	0.00	0.00	0.00	40°21'52.330"N	104°24'11.020"W	0.00	
417.00†	0.000	207.569	417.00	0.00	0.00	0.00	40°21'52.330"N	104°24'11.020"W	0.00	
517.00†	0.000	207.569	517.00	0.00	0.00	0.00	40°21'52.330"N	104°24'11.020"W	0.00	
617.00†	0.000	207.569	617.00	0.00	0.00	0.00	40°21'52.330"N	104°24'11.020"W	0.00	
717.00†	0.000	207.569	717.00	0.00	0.00	0.00	40°21'52.330"N	104°24'11.020"W	0.00	
817.00†	0.000	207.569	817.00	0.00	0.00	0.00	40°21'52.330"N	104°24'11.020"W	0.00	
917.00†	0.000	207.569	917.00	0.00	0.00	0.00	40°21'52.330"N	104°24'11.020"W	0.00	
1017.00†	0.000	207.569	1017.00	0.00	0.00	0.00	40°21'52.330"N	104°24'11.020"W	0.00	
1117.00†	0.000	207.569	1117.00	0.00	0.00	0.00	40°21'52.330"N	104°24'11.020"W	0.00	
1217.00†	0.000	207.569	1217.00	0.00	0.00	0.00	40°21'52.330"N	104°24'11.020"W	0.00	
1317.00†	0.000	207.569	1317.00	0.00	0.00	0.00	40°21'52.330"N	104°24'11.020"W	0.00	
1417.00†	0.000	207.569	1417.00	0.00	0.00	0.00	40°21'52.330"N	104°24'11.020"W	0.00	
1517.00†	0.000	207.569	1517.00	0.00	0.00	0.00	40°21'52.330"N	104°24'11.020"W	0.00	
1617.00†	0.000	207.569	1617.00	0.00	0.00	0.00	40°21'52.330"N	104°24'11.020"W	0.00	
1717.00†	0.000	207.569	1717.00	0.00	0.00	0.00	40°21'52.330"N	104°24'11.020"W	0.00	
1817.00†	0.000	207.569	1817.00	0.00	0.00	0.00	40°21'52.330"N	104°24'11.020"W	0.00	
1917.00†	0.000	207.569	1917.00	0.00	0.00	0.00	40°21'52.330"N	104°24'11.020"W	0.00	
2000.00	0.000	207.569	2000.00	0.00	0.00	0.00	40°21'52.330"N	104°24'11.020"W	0.00	End of Tangent
2017.00†	0.340	207.569	2017.00	0.05	-0.04	-0.02	40°21'52.329"N	104°24'11.020"W	2.00	
2117.00†	2.340	207.569	2116.97	2.16	-2.12	-1.11	40°21'52.309"N	104°24'11.034"W	2.00	
2217.00†	4.340	207.569	2216.79	7.44	-7.28	-3.80	40°21'52.258"N	104°24'11.069"W	2.00	
2317.00†	6.340	207.569	2316.35	15.86	-15.53	-8.11	40°21'52.176"N	104°24'11.124"W	2.00	
2337.33	6.747	207.569	2336.55	17.96	-17.58	-9.18	40°21'52.156"N	104°24'11.138"W	2.00	End of Build
2417.00†	6.747	207.569	2415.67	26.43	-25.88	-13.51	40°21'52.074"N	104°24'11.194"W	0.00	
2517.00†	6.747	207.569	2514.98	37.07	-36.30	-18.95	40°21'51.971"N	104°24'11.264"W	0.00	
2617.00†	6.747	207.569	2614.28	47.70	-46.71	-24.39	40°21'51.868"N	104°24'11.335"W	0.00	



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Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

WELLPATH DATA (121 stations) † = interpolated/extrapolated station										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
2717.00†	6.747	207.569	2713.59	58.34	-57.12	-29.82	40°21'51.765"N	104°24'11.405"W	0.00	
2817.00†	6.747	207.569	2812.90	68.97	-67.54	-35.26	40°21'51.662"N	104°24'11.475"W	0.00	
2917.00†	6.747	207.569	2912.21	79.61	-77.95	-40.70	40°21'51.559"N	104°24'11.545"W	0.00	
3017.00†	6.747	207.569	3011.51	90.24	-88.36	-46.14	40°21'51.456"N	104°24'11.616"W	0.00	
3117.00†	6.747	207.569	3110.82	100.87	-98.78	-51.57	40°21'51.354"N	104°24'11.686"W	0.00	
3217.00†	6.747	207.569	3210.13	111.51	-109.19	-57.01	40°21'51.251"N	104°24'11.756"W	0.00	
3317.00†	6.747	207.569	3309.44	122.14	-119.61	-62.45	40°21'51.148"N	104°24'11.826"W	0.00	
3417.00†	6.747	207.569	3408.74	132.78	-130.02	-67.88	40°21'51.045"N	104°24'11.897"W	0.00	
3517.00†	6.747	207.569	3508.05	143.41	-140.43	-73.32	40°21'50.942"N	104°24'11.967"W	0.00	
3617.00†	6.747	207.569	3607.36	154.05	-150.85	-78.76	40°21'50.839"N	104°24'12.037"W	0.00	
3717.00†	6.747	207.569	3706.67	164.68	-161.26	-84.20	40°21'50.736"N	104°24'12.107"W	0.00	
3817.00†	6.747	207.569	3805.98	175.32	-171.67	-89.63	40°21'50.633"N	104°24'12.178"W	0.00	
3917.00†	6.747	207.569	3905.28	185.95	-182.09	-95.07	40°21'50.530"N	104°24'12.248"W	0.00	
4017.00†	6.747	207.569	4004.59	196.59	-192.50	-100.51	40°21'50.427"N	104°24'12.318"W	0.00	
4117.00†	6.747	207.569	4103.90	207.22	-202.92	-105.94	40°21'50.324"N	104°24'12.388"W	0.00	
4217.00†	6.747	207.569	4203.21	217.86	-213.33	-111.38	40°21'50.222"N	104°24'12.458"W	0.00	
4317.00†	6.747	207.569	4302.51	228.49	-223.74	-116.82	40°21'50.119"N	104°24'12.529"W	0.00	
4417.00†	6.747	207.569	4401.82	239.13	-234.16	-122.26	40°21'50.016"N	104°24'12.599"W	0.00	
4517.00†	6.747	207.569	4501.13	249.76	-244.57	-127.69	40°21'49.913"N	104°24'12.669"W	0.00	
4617.00†	6.747	207.569	4600.44	260.40	-254.98	-133.13	40°21'49.810"N	104°24'12.739"W	0.00	
4717.00†	6.747	207.569	4699.74	271.03	-265.40	-138.57	40°21'49.707"N	104°24'12.810"W	0.00	
4817.00†	6.747	207.569	4799.05	281.67	-275.81	-144.00	40°21'49.604"N	104°24'12.880"W	0.00	
4917.00†	6.747	207.569	4898.36	292.30	-286.23	-149.44	40°21'49.501"N	104°24'12.950"W	0.00	
5017.00†	6.747	207.569	4997.67	302.94	-296.64	-154.88	40°21'49.398"N	104°24'13.020"W	0.00	
5117.00†	6.747	207.569	5096.97	313.57	-307.05	-160.31	40°21'49.295"N	104°24'13.091"W	0.00	
5217.00†	6.747	207.569	5196.28	324.21	-317.47	-165.75	40°21'49.192"N	104°24'13.161"W	0.00	
5317.00†	6.747	207.569	5295.59	334.84	-327.88	-171.19	40°21'49.090"N	104°24'13.231"W	0.00	
5417.00†	6.747	207.569	5394.90	345.48	-338.29	-176.63	40°21'48.987"N	104°24'13.301"W	0.00	
5517.00†	6.747	207.569	5494.20	356.11	-348.71	-182.06	40°21'48.884"N	104°24'13.372"W	0.00	
5617.00†	6.747	207.569	5593.51	366.75	-359.12	-187.50	40°21'48.781"N	104°24'13.442"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
5717.00†	6.747	207.569	5692.82	377.38	-369.54	-192.94	40°21'48.678"N	104°24'13.512"W	0.00	
5817.00†	6.747	207.569	5792.13	388.02	-379.95	-198.37	40°21'48.575"N	104°24'13.582"W	0.00	
5862.74	6.747	207.569	5837.55	392.88	-384.71	-200.86	40°21'48.528"N	104°24'13.614"W	0.00	End of Tangent
5917.00†	11.824	195.236	5891.09	401.19	-392.91	-203.80	40°21'48.447"N	104°24'13.652"W	10.00	
6017.00†	21.627	188.053	5986.75	429.59	-421.11	-209.09	40°21'48.168"N	104°24'13.721"W	10.00	
6117.00†	31.550	185.246	6076.06	474.18	-465.52	-214.07	40°21'47.729"N	104°24'13.785"W	10.00	
6217.00†	41.508	183.685	6156.32	533.59	-524.79	-218.61	40°21'47.144"N	104°24'13.844"W	10.00	
6317.00†	51.479	182.642	6225.08	606.02	-597.12	-222.55	40°21'46.429"N	104°24'13.895"W	10.00	
6417.00†	61.458	181.855	6280.25	689.27	-680.31	-225.78	40°21'45.607"N	104°24'13.936"W	10.00	
6517.00†	71.440	181.205	6320.15	780.81	-771.83	-228.21	40°21'44.703"N	104°24'13.968"W	10.00	
6617.00†	81.424	180.628	6343.58	877.86	-868.91	-229.75	40°21'43.743"N	104°24'13.988"W	10.00	
6702.88	90.000	180.157	6350.00†	963.37	-954.47	-230.33	40°21'42.898"N	104°24'13.995"W	10.00	End of 3D Arc (J)
6717.00†	90.000	180.157	6350.00	977.48	-968.58	-230.37	40°21'42.758"N	104°24'13.996"W	0.00	
6817.00†	90.000	180.157	6350.00	1077.40	-1068.58	-230.65	40°21'41.770"N	104°24'13.999"W	0.00	
6917.00†	90.000	180.157	6350.00	1177.32	-1168.58	-230.92	40°21'40.782"N	104°24'14.003"W	0.00	
7017.00†	90.000	180.157	6350.00	1277.24	-1268.58	-231.20	40°21'39.794"N	104°24'14.006"W	0.00	
7117.00†	90.000	180.157	6350.00	1377.16	-1368.58	-231.47	40°21'38.806"N	104°24'14.010"W	0.00	
7217.00†	90.000	180.157	6350.00	1477.09	-1468.58	-231.74	40°21'37.817"N	104°24'14.013"W	0.00	
7317.00†	90.000	180.157	6350.00	1577.01	-1568.58	-232.02	40°21'36.829"N	104°24'14.017"W	0.00	
7417.00†	90.000	180.157	6350.00	1676.93	-1668.58	-232.29	40°21'35.841"N	104°24'14.020"W	0.00	
7517.00†	90.000	180.157	6350.00	1776.85	-1768.58	-232.57	40°21'34.853"N	104°24'14.024"W	0.00	
7617.00†	90.000	180.157	6350.00	1876.77	-1868.58	-232.84	40°21'33.865"N	104°24'14.027"W	0.00	
7717.00†	90.000	180.157	6350.00	1976.69	-1968.58	-233.12	40°21'32.877"N	104°24'14.031"W	0.00	
7817.00†	90.000	180.157	6350.00	2076.61	-2068.58	-233.39	40°21'31.888"N	104°24'14.034"W	0.00	
7917.00†	90.000	180.157	6350.00	2176.53	-2168.58	-233.66	40°21'30.900"N	104°24'14.038"W	0.00	
8017.00†	90.000	180.157	6350.00	2276.46	-2268.58	-233.94	40°21'29.912"N	104°24'14.041"W	0.00	
8117.00†	90.000	180.157	6350.00	2376.38	-2368.58	-234.21	40°21'28.924"N	104°24'14.045"W	0.00	
8217.00†	90.000	180.157	6350.00	2476.30	-2468.58	-234.49	40°21'27.936"N	104°24'14.049"W	0.00	
8317.00†	90.000	180.157	6350.00	2576.22	-2568.58	-234.76	40°21'26.948"N	104°24'14.052"W	0.00	
8417.00†	90.000	180.157	6350.00	2676.14	-2668.58	-235.04	40°21'25.959"N	104°24'14.056"W	0.00	



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8517.00†	90.000	180.157	6350.00	2776.06	-2768.58	-235.31	40°21'24.971"N	104°24'14.059"W	0.00	
8617.00†	90.000	180.157	6350.00	2875.98	-2868.58	-235.58	40°21'23.983"N	104°24'14.063"W	0.00	
8717.00†	90.000	180.157	6350.00	2975.91	-2968.58	-235.86	40°21'22.995"N	104°24'14.066"W	0.00	
8817.00†	90.000	180.157	6350.00	3075.83	-3068.58	-236.13	40°21'22.007"N	104°24'14.070"W	0.00	
8917.00†	90.000	180.157	6350.00	3175.75	-3168.58	-236.41	40°21'21.019"N	104°24'14.073"W	0.00	
9017.00†	90.000	180.157	6350.00	3275.67	-3268.58	-236.68	40°21'20.030"N	104°24'14.077"W	0.00	
9117.00†	90.000	180.157	6350.00	3375.59	-3368.58	-236.96	40°21'19.042"N	104°24'14.080"W	0.00	
9217.00†	90.000	180.157	6350.00	3475.51	-3468.58	-237.23	40°21'18.054"N	104°24'14.084"W	0.00	
9317.00†	90.000	180.157	6350.00	3575.43	-3568.58	-237.51	40°21'17.066"N	104°24'14.087"W	0.00	
9417.00†	90.000	180.157	6350.00	3675.36	-3668.57	-237.78	40°21'16.078"N	104°24'14.091"W	0.00	
9517.00†	90.000	180.157	6350.00	3775.28	-3768.57	-238.05	40°21'15.090"N	104°24'14.094"W	0.00	
9617.00†	90.000	180.157	6350.00	3875.20	-3868.57	-238.33	40°21'14.101"N	104°24'14.098"W	0.00	
9717.00†	90.000	180.157	6350.00	3975.12	-3968.57	-238.60	40°21'13.113"N	104°24'14.102"W	0.00	
9817.00†	90.000	180.157	6350.00	4075.04	-4068.57	-238.88	40°21'12.125"N	104°24'14.105"W	0.00	
9917.00†	90.000	180.157	6350.00	4174.96	-4168.57	-239.15	40°21'11.137"N	104°24'14.109"W	0.00	
10017.00†	90.000	180.157	6350.00	4274.88	-4268.57	-239.43	40°21'10.149"N	104°24'14.112"W	0.00	
10117.00†	90.000	180.157	6350.00	4374.81	-4368.57	-239.70	40°21'09.161"N	104°24'14.116"W	0.00	
10217.00†	90.000	180.157	6350.00	4474.73	-4468.57	-239.97	40°21'08.172"N	104°24'14.119"W	0.00	
10317.00†	90.000	180.157	6350.00	4574.65	-4568.57	-240.25	40°21'07.184"N	104°24'14.123"W	0.00	
10417.00†	90.000	180.157	6350.00	4674.57	-4668.57	-240.52	40°21'06.196"N	104°24'14.126"W	0.00	
10517.00†	90.000	180.157	6350.00	4774.49	-4768.57	-240.80	40°21'05.208"N	104°24'14.130"W	0.00	
10617.00†	90.000	180.157	6350.00	4874.41	-4868.57	-241.07	40°21'04.220"N	104°24'14.133"W	0.00	
10717.00†	90.000	180.157	6350.00	4974.33	-4968.57	-241.35	40°21'03.232"N	104°24'14.137"W	0.00	
10817.00†	90.000	180.157	6350.00	5074.26	-5068.57	-241.62	40°21'02.243"N	104°24'14.140"W	0.00	
10917.00†	90.000	180.157	6350.00	5174.18	-5168.57	-241.89	40°21'01.255"N	104°24'14.144"W	0.00	
11017.00†	90.000	180.157	6350.00	5274.10	-5268.57	-242.17	40°21'00.267"N	104°24'14.147"W	0.00	
11117.00†	90.000	180.157	6350.00	5374.02	-5368.57	-242.44	40°20'59.279"N	104°24'14.151"W	0.00	
11217.00†	90.000	180.157	6350.00	5473.94	-5468.57	-242.72	40°20'58.291"N	104°24'14.154"W	0.00	
11317.00†	90.000	180.157	6350.00	5573.86	-5568.57	-242.99	40°20'57.303"N	104°24'14.158"W	0.00	
11417.00†	90.000	180.157	6350.00	5673.78	-5668.57	-243.27	40°20'56.314"N	104°24'14.162"W	0.00	



Planned Wellpath Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

WELLPATH DATA (121 stations)										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
11487.78	90.000	180.157	6350.00 ²	5744.51	-5739.35	-243.46	40°20'55.615"N	104°24'14.164"W	0.00	End of Tangent (J)

HOLE & CASING SECTIONS									
- Ref Wellbore: NORTH PLATTE K21-35-2MRLNC PWB					Ref 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	0.00	0.00	0.00	0.00



Planned Wellpath Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
SEC.26-T05N-R63W		-19.00	4223.27	-1533.28	3304075.56	1381735.41	40°22'34.062"N	104°24'30.831"W	polygon
SEC.02-T4N-R63W		-5.00	952.33	-1123.27	3304525.98	1378469.93	40°22'01.740"N	104°24'25.531"W	polygon
SEC.35-T5N-R63W		-5.00	952.33	-1123.27	3304525.98	1378469.93	40°22'01.740"N	104°24'25.531"W	polygon
2) NORTH PLATTE K21-35-2MRLNC BHL REV-2 (50'FNL 2203'FEL,SEC.2)	11487.78	6350.00	-5739.35	-243.46	3305488.45	1371789.93	40°20'55.615"N	104°24'14.164"W	point
NORTH PLATTE K21-35-2MRLNC LP (470'FNL 2430'FWL,SEC.35,REV-1)		6350.00	-954.47	-250.33	3305422.39	1376574.16	40°21'42.898"N	104°24'14.253"W	point
1) NORTH PLATTE K21-35-2MRLNC LP REV-2 (470'FNL 2450'FWL,SEC.35)	6702.88	6350.00	-954.47	-230.33	3305442.39	1376574.40	40°21'42.898"N	104°24'13.995"W	point
SEC.02-T4N-R63W 460'SETBACK		6539.00	952.33	-1123.27	3304525.98	1378469.93	40°22'01.740"N	104°24'25.531"W	polygon
SEC.26-T05N-R63W 460' SETBACK		6539.00	4223.27	-1533.28	3304075.56	1381735.41	40°22'34.062"N	104°24'30.831"W	polygon
SEC.35-T5N-R63W 460'SETBACK		6539.00	952.33	-1123.27	3304525.98	1378469.93	40°22'01.740"N	104°24'25.531"W	polygon

SURVEY PROGRAM - Ref Wellbore: NORTH PLATTE K21-35-2MRLNC PWB Ref Wellpath: 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



Planned Wellpath Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

DESIGN COMMENTS				
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
17.00	0.000	207.569	17.00	Tie On
2000.00	0.000	207.569	2000.00	End of Tangent
2337.33	6.747	207.569	2336.55	End of Build
5862.74	6.747	207.569	5837.55	End of Tangent
6702.88	90.000	180.157	6350.00	End of 3D Arc (J)
11487.78	90.000	180.157	6350.00	End of Tangent (J)



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	11/6/2017 at 2:43:50 PM
Convergence at slot	0.71° East	Database/Source file	Denver/NORTH_PLATTE_K21-35-2MRLNC_REV-B.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	-4263.83	1657.80	3305660.89	1377531.61	40°21'52.330"N	104°24'11.020"W
Facility Reference Pt			3303950.84	1381774.54	40°22'34.464"N	104°24'32.436"W
Field Reference Pt			3224525.77	1254425.87	40°01'44.400"N	104°41'53.556"W

WELLPATH DATUM

Calculation method	Minimum Curvature	RIG (4550'GL + 17'RKB) (RKB) to Facility Vertical Datum	4567.00ft
Horizontal Reference Pt	Slot	RIG (4550'GL + 17'RKB) (RKB) to Mean Sea Level	4567.00ft
Vertical Reference Pt	RIG (4550'GL + 17'RKB) (RKB)	RIG (4550'GL + 17'RKB) (RKB) to Mud Line at Slot (SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD))	4567.00ft
MD Reference Pt	RIG (4550'GL + 17'RKB) (RKB)		
Field Vertical Reference	Mean Sea Level		

POSITIONAL UNCERTAINTY CALCULATION SETTINGS

Ellipse Confidence Limit	3.00 Std Dev	Ellipse Start MD	17.00ft	Surface Position Uncertainty	Included
Declination	8.14° East of TN	Dip Angle	66.88°	Mag Field Strength	52369 nT
Slot Surface Uncertainty @1SD		Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft	Vertical	3.000ft

Positional Uncertainty values in the WELLPATH DATA table are the projection of the ellipsoid of uncertainty onto the vertical and horizontal planes



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

ANTI-COLLISION RULE

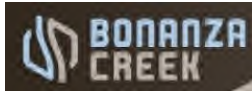
Rule Name	Baker Hughes Stop Drilling (offset is HSE risk)	Rule Based On	Ratio
Plane of Rule	Closest Approach	Threshold Value	1.00
Include Casing & Hole Size	yes	Apply Cone of Safety	no

HOLE & CASING SECTIONS - Ref Wellbore: NORTH PLATTE K21-35-2MRLNC PWB Ref 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	0.00	0.00	0.00	0.00

SURVEY PROGRAM - Ref Wellbore: NORTH PLATTE K21-35-2MRLNC PWB Ref Wellpath: 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



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CALCULATION RANGE & CUTOFF		
From: 17.00ft MD	To: 11487.78ft MD	C-C Cutoff: 1000.00 ft

OFFSET WELL CLEARANCE SUMMARY (49 Offset Wellpaths selected) Ratios are calculated in Closest Approach plane											
Offset Facility	Offset Slot	Offset Well	Offset Wellbore	Offset Wellpath	C-C Clearance Distance			ACR Separation Ratio			
					Ref MD [ft]	Min C-C Clear Dist [ft]	Diverging from MD [ft]	Ref MD of Min Ratio [ft]	Min Ratio	Min Ratio Dvrg from [ft]	ACR Status
SEC.26-T5N-R63W	SLOT#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	6062.33	13.21	6062.33	6063.88	0.20	6063.88	FAIL
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	10150.13	41.84	10150.13	10117.00	0.36	10117.00	FAIL
SEC.26-T5N-R63W	SLOT#25 NORTH PLATTE K-35-34MRLNB (WELL 6,STATE NORTH PLATTE O-26 PAD)	NORTH PLATTE K-35-34MRLNB	NORTH PLATTE K-35-34MRLNB PWB	NORTH PLATTE K-35-34MRLNB (REV-A.0) PWP	17.00	20.40	6317.00	6319.98	1.21	6319.98	PASS
SEC.26-T5N-R63W	SLOT#23 NORTH PLATTE 21-35-2MRLNB (WELL 6, STATE NORTH PLATTE I-26 PAD)	NORTH PLATTE 21-35-2MRLNB	NORTH PLATTE 21-35-2MRLNB PWB	NORTH PLATTE 21-35-2MRLNB (REV-B.0) PWP	11487.78	483.67	11487.78	11487.78	1.22	11487.78	PASS
SEC.26-T5N-R63W	SLOT#26 STATE NORTH PLATTE K-35-36MRLNB (WELL 5, STATE NORTH PLATTE O-26 PAD)	STATE NORTH PLATTE K-35-36MRLNB	STATE NORTH PLATTE K-35-36MRLNB PWB	STATE NORTH PLATTE K-35-36MRLNB (REV-A.0) PWP	1030.18	19.50	6278.38	6278.38	1.32	6278.38	PASS
SEC.26-T5N-R63W	SLOT#28 NORTH PLATTE K31-35-2MRLNB (WELL 8, STATE NORTH PLATTE O-26 PAD)	NORTH PLATTE K31-35-2MRLNB	NORTH PLATTE K31-35-2MRLNB PWB	NORTH PLATTE K31-35-2MRLNB (REV-A.0) PWP	17.00	20.04	2517.00	11487.78	1.38	11487.78	PASS
SEC.26-T5N-R63W	SLOT#09 STATE NORTH PLATTE 24-21-26HNC (539'FSL & 2383'FEL,SEC.26)	STATE NORTH PLATTE 24-21-26HNC	STATE NORTH PLATTE 24-21-26HNC AWB	STATE NORTH PLATTE 24-21-26HNC AWP	2767.09	49.84	6117.00	2781.62	1.81	6117.00	PASS
SEC.26-T5N-R63W	SLOT#22 NORTH PLATTE F-35-2XRLNC (WELL 4, STATE NORTH PLATTE I-26 PAD)	NORTH PLATTE F-35-2XRLNC	NORTH PLATTE F-35-2XRLNC PWB	NORTH PLATTE F-35-2XRLNC (REV-A.0) PWP	11487.78	931.80	11487.78	11487.78	2.33	11487.78	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	11487.78	514.16	11487.78	11487.78	2.52	11487.78	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	11487.78	765.01	11487.78	11487.78	2.62	11487.78	PASS
SEC.26-T5N-R63W	SLOT#29 NORTH PLATTE 31-35-2MRLNC (WELL 4, STATE NORTH PLATTE O-26 PAD)	NORTH PLATTE 31-35-2MRLNC	NORTH PLATTE 31-35-2MRLNC PWB	NORTH PLATTE 31-35-2MRLNC (REV-A.0) PWP	17.00	59.75	2000.00	11487.78	2.64	11487.78	PASS
SEC.02-T4N-R63W	SLOT#02 Ex.LATHAM O-K-2HNB (295'FSL & 2162'FEL,SEC.2)	Ex.LATHAM O-K-2HNB	Ex.LATHAM O-K-2HNB AWB	Ex.LATHAM O-K-2HNB AWP	11487.78	566.07	11487.78	11487.78	2.70	11487.78	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	1375.36	164.36	5989.72	5989.72	2.72	5989.72	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	2517.00	84.47	6017.00	6052.81	2.83	6052.81	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	7054.50	637.92	7054.50	7106.56	2.83	7106.56	PASS
SEC.26-T5N-R63W	SLOT#21 NORTH PLATTE F11-35-2XRLNB (WELL 3, STATE NORTH PLATTE I-26 PAD)	NORTH PLATTE F11-35-2XRLNB	NORTH PLATTE F11-35-2XRLNB PWB	NORTH PLATTE F11-35-2XRLNB (REV-A.0) PWP	4317.00	1349.80	11487.78	11487.78	3.63	11487.78	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	11487.78	1146.09	11487.78	11487.78	3.89	11487.78	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	11487.78	1327.68	11487.78	11487.78	3.92	11487.78	PASS
SEC.26-T5N-R63W	SLOT#30 NORTH PLATTE P-35-2MRLNB (WELL 3, STATE NORTH PLATTE O-26 PAD)	NORTH PLATTE P-35-2MRLNB	NORTH PLATTE P-35-2MRLNB PWB	NORTH PLATTE P-35-2MRLNB (REV-A.0) PWP	17.00	80.15	2000.00	11487.78	3.98	11487.78	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	1886.15	81.82	6017.00	1931.77	4.45	6217.00	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	6804.50	987.25	6804.50	6877.13	4.51	6877.13	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	11487.78	1613.19	11487.78	11487.78	5.04	11487.78	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	11487.78	469.95	11487.78	11487.78	5.11	11487.78	PASS
SEC.26-T5N-R63W	SLOT#31 NORTH PLATTE P41-35-2XRLNC (WELL 2, STATE NORTH PLATTE O-26 PAD)	NORTH PLATTE P41-35-2XRLNC	NORTH PLATTE P41-35-2XRLNC pwb	NORTH PLATTE P41-35-2XRLNC (REV-A.0) PWP	17.00	100.19	2000.00	11487.78	5.23	11487.78	PASS
SEC.26-T5N-R63W	SLOT#20 NORTH PLATTE A11-35-2XRLNC (WELL 2, STATE NORTH PLATTE I-26 PAD)	NORTH PLATTE A11-35-2XRLNC	NORTH PLATTE A11-35-2XRLNC PWB	NORTH PLATTE A11-35-2XRLNC (REV-A.0) PWP	17.00	1453.78	2000.00	11487.78	5.59	11487.78	PASS



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CALCULATION RANGE & CUTOFF		
From: 17.00ft MD	To: 11487.78ft 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#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	11487.78	1956.65	11487.78	11487.78	6.42	11487.78	PASS
SEC.26-T5N-R63W	SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB (WELL 1, STATE NORTH PLATTE O-26 PAD)	STATE NORTH PLATTE U41-35-1XRLNB	STATE NORTH PLATTE U41-35-1XRLNB PWB	STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP	17.00	120.59	2000.00	11487.78	6.45	11487.78	PASS
SEC.26-T5N-R63W	SLOT#19 NORTH PLATTE 41-34-2XRLNC (WELL 1, STATE NORTH PLATTE I-26 PAD)	NORTH PLATTE 41-34-2XRLNC	NORTH PLATTE 41-34-2XRLNC PWB	NORTH PLATTE 41-34-2XRLNC (REV-A.0) PWP	17.00	1472.64	1917.00	11487.78	7.34	11487.78	PASS
SEC.35-T05N-R63W	SLOT#04 EX 70 RANCH USX BB #35-08 (1980'FNL & 660'FEL, SEC.35, 6676, SI)	70 RANCH USX BB #35-08	70 RANCH USX BB #35-08 AWB	70 RANCH USX BB #35-08 AWP	8217.00	2093.12	8217.00	8560.52	8.03	8560.52	PASS
SEC.36-T5N-R63W	SLOT#04 STATE NORTH PLATTE 11-36-1XRLNB (330'FNL & 519'FWL,SEC.36)	STATE NORTH PLATTE 11-36-1XRLNB	STATE NORTH PLATTE 11-36-1XRLNB AWB	STATE NORTH PLATTE 11-36-1XRLNB AWP	3642.00	2855.16	10517.00	11487.78	8.25	11487.78	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	6117.00	1262.45	6117.00	6169.63	8.86	6169.63	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	6199.50	1268.07	6199.50	6243.02	8.99	6243.02	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	7022.30	2120.97	7022.30	7767.34	9.22	7767.34	PASS
SEC.26-T5N-R63W	SLOT#24 STATE NORTH PLATTE J24-F21-26HNC (WELL 5, STATE NORTH PLATTE I-26 PAD)	STATE NORTH PLATTE J24-F21-26HNC	STATE NORTH PLATTE J24-F21-26HNC PWB	STATE NORTH PLATTE J24-F21-26HNC (REV-A.0) PWP	6222.50	816.48	6222.50	6311.12	9.45	6311.12	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	6169.50	1565.63	6169.50	6256.11	10.51	6256.11	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	6147.00	1847.15	6147.00	6278.58	12.18	6278.58	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	6217.00	1872.00	6217.00	6358.69	12.27	6358.69	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	6217.00	2196.29	6217.00	6449.20	12.29	6449.20	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	6179.50	2478.13	6179.50	6569.68	13.78	6569.68	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	10789.50	3378.46	10789.50	11487.78	15.35	11487.78	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	217.00	3176.50	10917.00	11487.78	16.57	11487.78	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	217.00	3176.50	9017.00	11487.78	21.86	11487.78	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	11487.78	5317.46	11487.78	11487.78	42.00	11487.78	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	4562.22	779.50	7766.96	65.29	7766.96	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	2067.00	4510.97	2067.00	6317.00	67.93	6317.00	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	4491.36	554.50	7766.92	69.77	7766.92	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	4585.99	867.00	7766.96	70.13	7766.96	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	4624.50	17.00	7766.93	70.59	7766.93	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	4643.32	17.00	7766.94	71.93	7766.94	PASS



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: STATE NORTH PLATTE 024-K21-26HNC AWP Offset Wellpath: STATE NORTH PLATTE 024-K21-26HNC AWP													
Facility: SEC.26-T5N-R63W		Slot: SLOT#10 STATE NORTH PLATTE 024-K21-26HNC (559'FSL & 2383'FEL,SEC.26)				Well: STATE NORTH PLATTE 024-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	59.75	173.05	70.95	183.08	1.56	303.52	PASS	
117.00†	117.00	0.00	0.00	118.79	118.79	59.71	172.54	70.91	182.59	2.14	136.23	PASS	
217.00†	217.00	0.00	0.00	219.27	219.26	59.55	171.31	70.83	181.38	3.20	75.46	PASS	
317.00†	317.00	0.00	0.00	318.84	318.82	59.25	170.20	70.81	180.23	4.20	52.77	PASS	
417.00†	417.00	0.00	0.00	419.13	419.11	58.94	169.17	70.79	179.16	5.22	40.35	PASS	
517.00†	517.00	0.00	0.00	518.51	518.48	59.20	168.15	70.61	178.28	6.26	32.54	PASS	
617.00†	617.00	0.00	0.00	618.70	618.67	59.58	167.06	70.37	177.37	7.19	27.18	PASS	
717.00†	717.00	0.00	0.00	718.44	718.40	59.82	166.05	70.19	176.50	8.24	23.29	PASS	
817.00†	817.00	0.00	0.00	818.25	818.21	59.89	165.26	70.08	175.78	9.12	20.77	PASS	
917.00†	917.00	0.00	0.00	918.20	918.15	59.93	164.53	69.99	175.11	9.93	18.88	PASS	
1017.00†	1017.00	0.00	0.00	1018.08	1018.03	60.03	163.82	69.88	174.47	11.40	16.23	PASS	
1117.00†	1117.00	0.00	0.00	1117.89	1117.84	60.31	163.14	69.71	173.93	12.45	14.73	PASS	
1217.00†	1217.00	0.00	0.00	1217.80	1217.75	60.79	162.49	69.49	173.49	13.50	13.49	PASS	
1317.00†	1317.00	0.00	0.00	1317.78	1317.72	61.39	161.81	69.22	173.06	14.56	12.43	PASS	
1417.00†	1417.00	0.00	0.00	1417.48	1417.42	62.06	161.18	68.94	172.71	15.61	11.53	PASS	
1517.00†	1517.00	0.00	0.00	1517.09	1517.03	62.71	160.79	68.69	172.58	16.65	10.77	PASS	
1617.00†	1617.00	0.00	0.00	1617.49	1617.42	63.17	160.51	68.52	172.49	17.05	10.28	PASS	
1717.00†	1717.00	0.00	0.00	1718.05	1717.98	63.11	160.09	68.49	172.09	17.60	9.92	PASS	
1817.00†	1817.00	0.00	0.00	1820.57	1820.49	61.87	159.17	68.76	170.81	18.20	9.52	PASS	
1917.00†	1917.00	0.00	0.00	1922.28	1922.10	57.85	157.99	69.89	168.32	18.83	9.06	PASS	
2000.00	2000.00	0.00	0.00	2008.54	2008.16	52.14	156.34	71.56	165.01	19.38	8.63	PASS	
2017.00†	2017.00	-0.04	-0.02	2026.31	2025.87	50.78	155.82	-135.65	164.16	19.51	8.53	PASS	
2117.00†	2116.97	-2.12	-1.11	2131.65	2130.73	42.05	150.96	-133.89	158.94	20.29	7.93	PASS	
2217.00†	2216.79	-7.28	-3.80	2236.24	2234.44	31.43	142.55	-132.68	152.41	21.19	7.28	PASS	
2317.00†	2316.35	-15.53	-8.11	2337.82	2334.85	19.54	132.90	-131.96	146.48	22.07	6.71	PASS	
2337.33	2336.55	-17.58	-9.18	2358.40	2355.16	16.89	130.88	-131.85	145.43	22.23	6.61	PASS	
2417.00†	2415.67	-25.88	-13.51	2440.41	2435.96	5.90	122.17	-131.29	140.83	22.87	6.23	PASS	
2517.00†	2514.98	-36.30	-18.95	2542.65	2536.37	-8.59	109.49	-130.38	133.12	23.71	5.67	PASS	
2617.00†	2614.28	-46.71	-24.39	2643.87	2635.43	-24.11	95.62	-128.95	123.93	24.60	5.09	PASS	
2717.00†	2713.59	-57.12	-29.82	2743.56	2732.74	-40.40	81.36	-126.86	114.06	25.56	4.50	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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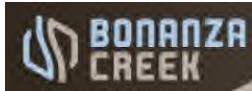
REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: STATE NORTH PLATTE 024-K21-26HNC AWP Offset Wellpath: STATE NORTH PLATTE 024-K21-26HNC AWP

Facility: SEC.26-T5N-R63W Slot: SLOT#10 STATE NORTH PLATTE 024-K21-26HNC (559°FSL & 2383°FEL,SEC.26) Well: STATE NORTH PLATTE 024-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	
2817.00†	2812.90	-67.54	-35.26	2840.73	2827.44	-58.05	68.73	-123.39	105.43	26.64	3.99	PASS	
2917.00†	2912.21	-77.95	-40.70	2939.01	2923.40	-76.16	57.56	-119.12	98.91	27.81	3.58	PASS	
3017.00†	3011.51	-88.36	-46.14	3037.48	3019.99	-92.38	47.47	-115.51	94.07	28.98	3.27	PASS	
3117.00†	3110.82	-98.78	-51.57	3136.30	3117.23	-107.67	38.79	-112.25	91.03	30.18	3.04	PASS	
3217.00†	3210.13	-109.19	-57.01	3237.18	3216.51	-123.11	29.74	-108.80	88.09	31.41	2.82	PASS	
3317.00†	3309.44	-119.61	-62.45	3338.45	3316.08	-138.19	19.06	-105.15	83.87	32.69	2.58	PASS	
3417.00†	3408.74	-130.02	-67.88	3439.03	3414.49	-154.73	6.50	-99.61	78.59	34.07	2.32	PASS	
3517.00†	3508.05	-140.43	-73.32	3538.86	3511.35	-174.11	-7.91	-90.62	73.64	35.57	2.08	PASS	
3617.00†	3607.36	-150.85	-78.76	3637.96	3607.11	-194.32	-23.49	-79.43	70.32	37.00	1.91	PASS	
3717.00†	3706.67	-161.26	-84.20	3736.88	3702.57	-214.95	-39.16	-67.33	70.20	38.15	1.85	PASS	
3817.00†	3805.98	-171.67	-89.63	3836.47	3799.09	-234.46	-54.03	-56.77	72.50	39.05	1.86	PASS	
3917.00†	3905.28	-182.09	-95.07	3936.52	3896.45	-252.63	-68.24	-48.01	75.99	39.81	1.92	PASS	
4017.00†	4004.59	-192.50	-100.51	4037.22	3994.65	-269.62	-82.67	-40.24	79.78	40.49	1.98	PASS	
4117.00†	4103.90	-202.92	-105.94	4137.16	4092.40	-285.03	-96.64	-33.70	83.43	41.15	2.03	PASS	
4217.00†	4203.21	-213.33	-111.38	4235.61	4188.69	-300.54	-110.05	-28.08	88.42	41.76	2.12	PASS	
4317.00†	4302.51	-223.74	-116.82	4337.09	4288.04	-316.49	-123.21	-23.36	94.08	42.53	2.22	PASS	
4417.00†	4401.82	-234.16	-122.26	4437.15	4386.39	-330.81	-134.77	-19.95	98.67	43.35	2.28	PASS	
4517.00†	4501.13	-244.57	-127.69	4536.24	4483.86	-345.38	-144.99	-17.61	103.73	44.20	2.36	PASS	
4617.00†	4600.44	-254.98	-133.13	4636.24	4582.26	-360.44	-154.65	-15.83	109.15	45.11	2.43	PASS	
4717.00†	4699.74	-265.40	-138.57	4734.02	4678.34	-376.04	-163.88	-14.46	115.50	46.00	2.52	PASS	
4817.00†	4799.05	-275.81	-144.00	4832.97	4775.33	-393.02	-173.55	-13.21	123.18	46.94	2.63	PASS	
4917.00†	4898.36	-286.23	-149.44	4935.81	4876.36	-409.88	-182.77	-12.32	129.94	48.02	2.72	PASS	
5017.00†	4997.67	-296.64	-154.88	5039.21	4978.44	-424.37	-190.51	-11.86	133.99	49.12	2.74	PASS	
5117.00†	5096.97	-307.05	-160.31	5141.07	5079.32	-436.99	-196.84	-11.77	136.12	50.20	2.72	PASS	
5217.00†	5196.28	-317.47	-165.75	5243.04	5180.49	-448.69	-201.80	-12.12	136.99	51.30	2.68	PASS	
5317.00†	5295.59	-327.88	-171.19	5345.96	5282.84	-458.65	-206.24	-12.51	135.99	52.39	2.60	PASS	
5417.00†	5394.90	-338.29	-176.63	5448.29	5384.79	-466.52	-210.05	-12.93	132.89	53.48	2.49	PASS	
5517.00†	5494.20	-348.71	-182.06	5550.66	5486.91	-472.74	-213.63	-13.29	128.19	54.54	2.36	PASS	
5617.00†	5593.51	-359.12	-187.50	5653.31	5589.43	-476.88	-216.22	-13.90	121.28	55.59	2.19	PASS	
5717.00†	5692.82	-369.54	-192.94	5754.07	5690.16	-479.34	-217.63	-14.95	112.57	56.71	1.99	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: STATE NORTH PLATTE 024-K21-26HNC AWB Offset Wellpath: STATE NORTH PLATTE 024-K21-26HNC AWP												
Facility: SEC.26-T5N-R63W Slot: SLOT#10 STATE NORTH PLATTE 024-K21-26HNC (559°FSL & 2383°FEL,SEC.26) Well: STATE NORTH PLATTE 024-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
5817.00†	5792.13	-379.95	-198.37	5853.86	5789.91	-481.42	-218.74	-16.29	103.52	57.87	1.79	PASS
5862.74	5837.55	-384.71	-200.86	5902.08	5838.14	-481.90	-218.88	-17.19	98.84	58.35	1.70	PASS
5917.00†	5891.09	-392.91	-203.80	5966.88	5902.73	-477.79	-220.14	-4.56	87.22	58.03	1.51	PASS
6017.00†	5986.75	-421.11	-209.09	6066.01	5998.07	-451.63	-222.78	19.87	35.32	55.48	0.63	FAIL
6062.33†	6028.19	-439.30	-211.39	6097.67	6027.33	-439.65	-224.57	81.16	13.21	65.63	0.20	FAIL
6063.88†	6029.58	-439.98	-211.47	6098.64	6028.22	-439.27	-224.64	84.36	13.26	66.22	0.20	FAIL
6117.00†	6076.06	-465.52	-214.07	6129.11	6055.86	-426.70	-227.21	142.07	45.69	60.07	0.76	FAIL
6217.00†	6156.32	-524.79	-218.61	6165.67	6087.99	-409.55	-230.27	154.69	134.49	56.71	2.38	PASS
6317.00†	6225.08	-597.12	-222.55	6180.76	6100.85	-401.71	-231.06	144.05	231.71	55.56	4.19	PASS
6417.00†	6280.25	-680.31	-225.78	6181.98	6101.88	-401.05	-231.10	31.51	331.40	55.40	6.01	PASS
6517.00†	6320.15	-771.83	-228.21	6174.29	6095.37	-405.13	-230.79	6.09	430.13	55.92	7.73	PASS
6617.00†	6343.58	-868.91	-229.75	6160.69	6083.68	-412.03	-229.90	1.56	525.63	56.90	9.28	PASS
6702.88	6350.00	-954.47	-230.33	6144.16	6069.23	-419.93	-228.50	-0.07	603.79	57.91	10.47	PASS
6717.00†	6350.00	-968.58	-230.37	6141.23	6066.64	-421.28	-228.25	-0.13	616.31	58.06	10.66	PASS
6817.00†	6350.00	-1068.58	-230.65	6122.19	6049.64	-429.69	-226.61	-0.44	705.99	59.02	12.02	PASS
6917.00†	6350.00	-1168.58	-230.92	6102.83	6032.05	-437.61	-224.96	-0.71	797.16	59.69	13.42	PASS
7017.00†	6350.00	-1268.58	-231.20	6082.14	6013.04	-445.64	-223.56	-0.91	889.29	60.15	14.85	PASS
7117.00†	6350.00	-1368.58	-231.47	6063.58	5995.81	-452.51	-222.69	-1.01	982.20	60.56	16.29	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

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



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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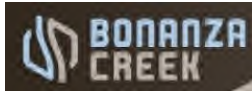


REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

HOLE & CASING SECTIONS - Offset Wellbore: STATE NORTH PLATTE 024-K21-26HNC AWB Offset Wellpath: STATE NORTH PLATTE 024-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	36.42	105.49	36.26	103.99
9.625in Casing Surface	17.00	523.00	506.00	17.00	522.97	36.42	105.49	36.26	103.99
8.75in Open Hole	525.00	6835.00	6310.00	524.97	6381.09	36.26	103.98	64.55	-9.54
7in Casing Intermediate	17.00	6829.00	6812.00	17.00	6381.35	36.42	105.49	62.72	-9.61
6.125in Open Hole	6829.00	10910.00	4081.00	6381.35	6384.42	62.72	-9.61	1306.06	6.13

WELLPATH COMPOSITION - Offset Wellbore: STATE NORTH PLATTE 024-K21-26HNC AWB Offset Wellpath: STATE NORTH PLATTE 024-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 024-K21-26HNC AWB
6793.00	10856.00	BHI NaviTrak (Axial)	BHI/Navitrak MWD 6.125" HOLE <6908'-10856'>	STATE NORTH PLATTE 024-K21-26HNC AWB
10856.00	10910.00	Blind Drilling (std)	Projection to bit	STATE NORTH PLATTE 024-K21-26HNC AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: STATE NORTH PLATTE 024-K21-26HNC AWB Offset Wellpath: STATE NORTH PLATTE 024-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



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: Existing North Platte X-D-35HZ AWP 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°FSL,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	-4577.65	3587.40	141.92	5815.87	25.40	236.37	PASS
117.00†	117.00	0.00	0.00	98.42	113.41	-4577.43	3587.73	141.91	5815.90	60.20	97.90	PASS
217.00†	217.00	0.00	0.00	270.07	285.04	-4575.40	3589.16	141.89	5815.58	60.22	97.86	PASS
317.00†	317.00	0.00	0.00	338.66	353.63	-4574.35	3589.50	141.88	5814.68	60.26	97.78	PASS
417.00†	417.00	0.00	0.00	460.58	475.53	-4572.55	3590.27	141.86	5813.92	60.20	97.68	PASS
517.00†	517.00	0.00	0.00	741.72	756.57	-4565.76	3588.77	141.83	5812.30	60.27	97.55	PASS
617.00†	617.00	0.00	0.00	926.68	941.31	-4559.44	3582.50	141.84	5807.58	60.34	97.36	PASS
717.00†	717.00	0.00	0.00	1110.92	1125.08	-4553.10	3571.16	141.89	5800.90	60.42	97.11	PASS
817.00†	817.00	0.00	0.00	1204.20	1218.00	-4551.01	3563.19	141.94	5793.86	60.54	96.80	PASS
917.00†	917.00	0.00	0.00	1351.15	1364.11	-4550.06	3547.60	142.06	5786.92	60.66	96.49	PASS
1017.00†	1017.00	0.00	0.00	1513.06	1524.87	-4548.22	3528.43	142.20	5778.76	60.80	96.13	PASS
1117.00†	1117.00	0.00	0.00	2371.56	2365.13	-4507.08	3366.26	143.25	5762.23	60.67	96.06	PASS
1217.00†	1217.00	0.00	0.00	2435.97	2426.85	-4503.73	3348.17	143.37	5740.87	60.96	95.24	PASS
1317.00†	1317.00	0.00	0.00	2707.02	2684.98	-4490.50	3266.65	143.97	5718.99	61.27	94.39	PASS
1417.00†	1417.00	0.00	0.00	2762.69	2737.62	-4487.58	3248.78	144.10	5695.35	61.63	93.45	PASS
1517.00†	1517.00	0.00	0.00	2794.80	2768.09	-4486.09	3238.77	144.17	5672.73	62.00	92.53	PASS
1617.00†	1617.00	0.00	0.00	2827.14	2798.90	-4484.77	3229.01	144.25	5651.24	61.88	91.75	PASS
1717.00†	1717.00	0.00	0.00	2915.11	2883.00	-4481.37	3203.43	144.44	5630.65	62.12	91.06	PASS
1817.00†	1817.00	0.00	0.00	2973.58	2939.00	-4478.79	3186.82	144.57	5610.20	62.36	90.38	PASS
1917.00†	1917.00	0.00	0.00	3019.14	2982.81	-4476.86	3174.48	144.66	5590.67	62.60	89.72	PASS
2000.00	2000.00	0.00	0.00	3093.50	3054.52	-4473.70	3155.05	144.81	5574.97	62.83	89.14	PASS
2017.00†	2017.00	-0.04	-0.02	3111.36	3071.75	-4472.90	3150.42	-62.79	5571.73	62.88	89.01	PASS
2117.00†	2116.97	-2.12	-1.11	3258.23	3213.27	-4465.94	3111.79	-62.90	5551.37	63.24	88.19	PASS
2217.00†	2216.79	-7.28	-3.80	3715.98	3645.16	-4440.87	2963.51	-62.46	5522.85	64.18	86.44	PASS
2317.00†	2316.35	-15.53	-8.11	3756.55	3682.88	-4438.86	2948.72	-62.93	5493.27	64.58	85.44	PASS
2337.33	2336.55	-17.58	-9.18	3764.85	3690.62	-4438.46	2945.75	-63.03	5487.19	64.67	85.23	PASS
2417.00†	2415.67	-25.88	-13.51	3822.33	3744.39	-4435.64	2925.62	-62.93	5463.51	65.03	84.39	PASS
2517.00†	2514.98	-36.30	-18.95	3930.54	3845.96	-4429.51	2888.80	-62.75	5433.86	65.58	83.22	PASS
2617.00†	2614.28	-46.71	-24.39	4023.27	3933.35	-4422.99	2858.52	-62.62	5403.98	66.10	82.11	PASS
2717.00†	2713.59	-57.12	-29.82	4245.37	4142.36	-4404.44	2785.76	-62.32	5372.90	66.91	80.64	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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°FSL,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
2817.00†	2812.90	-67.54	-35.26	4316.69	4209.19	-4398.31	2761.61	-62.21	5341.13	67.46	79.52	PASS
2917.00†	2912.21	-77.95	-40.70	4362.26	4251.98	-4394.48	2746.43	-62.14	5309.94	67.95	78.47	PASS
3017.00†	3011.51	-88.36	-46.14	4395.62	4283.48	-4391.82	2735.77	-62.10	5279.83	68.43	77.49	PASS
3117.00†	3110.82	-98.78	-51.57	4429.28	4315.42	-4389.30	2725.44	-62.06	5250.85	68.91	76.52	PASS
3217.00†	3210.13	-109.19	-57.01	4513.01	4395.06	-4383.41	2700.27	-61.95	5222.60	69.51	75.44	PASS
3317.00†	3309.44	-119.61	-62.45	4601.53	4479.23	-4377.38	2673.54	-61.84	5194.49	70.15	74.35	PASS
3417.00†	3408.74	-130.02	-67.88	9083.96	6306.94	-4397.74	-324.05	-26.32	5165.13	149.61	34.52	PASS
3517.00†	3508.05	-140.43	-73.32	9085.35	6306.93	-4397.67	-325.44	-26.30	5101.11	151.14	33.75	PASS
3617.00†	3607.36	-150.85	-78.76	9086.78	6306.92	-4397.59	-326.87	-26.28	5038.25	152.69	33.00	PASS
3717.00†	3706.67	-161.26	-84.20	9088.26	6306.91	-4397.51	-328.34	-26.26	4976.61	154.25	32.26	PASS
3817.00†	3805.98	-171.67	-89.63	9089.78	6306.90	-4397.43	-329.86	-26.23	4916.23	155.82	31.55	PASS
3917.00†	3905.28	-182.09	-95.07	9091.35	6306.89	-4397.35	-331.43	-26.21	4857.16	157.40	30.86	PASS
4017.00†	4004.59	-192.50	-100.51	9092.97	6306.88	-4397.26	-333.05	-26.19	4799.44	158.99	30.19	PASS
4117.00†	4103.90	-202.92	-105.94	9094.64	6306.87	-4397.17	-334.71	-26.16	4743.12	160.59	29.54	PASS
4217.00†	4203.21	-213.33	-111.38	9096.37	6306.86	-4397.08	-336.44	-26.14	4688.27	162.18	28.91	PASS
4317.00†	4302.51	-223.74	-116.82	9098.15	6306.86	-4396.99	-338.22	-26.11	4634.91	163.78	28.30	PASS
4417.00†	4401.82	-234.16	-122.26	9099.99	6306.85	-4396.90	-340.06	-26.09	4583.12	165.37	27.71	PASS
4517.00†	4501.13	-244.57	-127.69	9101.90	6306.85	-4396.80	-341.96	-26.06	4532.94	166.95	27.15	PASS
4617.00†	4600.44	-254.98	-133.13	9103.87	6306.85	-4396.70	-343.94	-26.03	4484.43	168.52	26.61	PASS
4717.00†	4699.74	-265.40	-138.57	9105.95	6306.85	-4396.59	-346.01	-26.00	4437.63	170.08	26.09	PASS
4817.00†	4799.05	-275.81	-144.00	9108.12	6306.85	-4396.49	-348.18	-25.97	4392.62	171.61	25.60	PASS
4917.00†	4898.36	-286.23	-149.44	9110.34	6306.85	-4396.38	-350.40	-25.94	4349.43	173.12	25.12	PASS
5017.00†	4997.67	-296.64	-154.88	9112.61	6306.86	-4396.26	-352.67	-25.90	4308.13	174.59	24.68	PASS
5117.00†	5096.97	-307.05	-160.31	9114.94	6306.86	-4396.15	-354.98	-25.87	4268.78	176.03	24.25	PASS
5217.00†	5196.28	-317.47	-165.75	9117.31	6306.87	-4396.04	-357.35	-25.83	4231.41	177.43	23.85	PASS
5317.00†	5295.59	-327.88	-171.19	9119.74	6306.87	-4395.92	-359.78	-25.80	4196.10	178.78	23.47	PASS
5417.00†	5394.90	-338.29	-176.63	9122.22	6306.88	-4395.81	-362.26	-25.76	4162.88	180.07	23.12	PASS
5517.00†	5494.20	-348.71	-182.06	9124.77	6306.89	-4395.69	-364.81	-25.73	4131.82	181.31	22.79	PASS
5617.00†	5593.51	-359.12	-187.50	9127.37	6306.91	-4395.57	-367.41	-25.69	4102.95	182.49	22.48	PASS
5717.00†	5692.82	-369.54	-192.94	9130.04	6306.92	-4395.45	-370.07	-25.65	4076.33	183.59	22.20	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: Existing North Platte X-D-35HZ AWP 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†	5792.13	-379.95	-198.37	9132.78	6306.94	-4395.33	-372.80	-25.61	4052.00	184.63	21.95	PASS
5862.74	5837.55	-384.71	-200.86	9134.05	6306.94	-4395.27	-374.08	-25.59	4041.65	185.07	21.84	PASS
5917.00†	5891.09	-392.91	-203.80	9135.51	6306.95	-4395.21	-375.54	-13.33	4027.51	185.60	21.70	PASS
6017.00†	5986.75	-421.11	-209.09	9139.02	6306.98	-4395.05	-379.05	-6.22	3990.45	186.87	21.35	PASS
6117.00†	6076.06	-465.52	-214.07	9142.02	6307.00	-4394.93	-382.04	-3.41	3939.76	188.45	20.91	PASS
6217.00†	6156.32	-524.79	-218.61	9144.10	6307.02	-4394.84	-384.12	-1.71	3876.51	189.72	20.43	PASS
6317.00†	6225.08	-597.12	-222.55	9145.20	6307.02	-4394.79	-385.22	-0.31	3802.03	190.67	19.94	PASS
6417.00†	6280.25	-680.31	-225.78	9145.26	6307.02	-4394.79	-385.28	1.28	3717.99	191.31	19.43	PASS
6517.00†	6320.15	-771.83	-228.21	9144.26	6307.02	-4394.83	-384.27	3.92	3626.38	191.67	18.92	PASS
6617.00†	6343.58	-868.91	-229.75	9142.20	6307.00	-4394.92	-382.22	11.45	3529.49	191.79	18.40	PASS
6702.88	6350.00	-954.47	-230.33	9139.63	6306.98	-4395.03	-379.66	72.91	3444.07	191.74	17.96	PASS
6717.00†	6350.00	-968.58	-230.37	9139.15	6306.98	-4395.05	-379.18	72.85	3429.96	191.72	17.89	PASS
6817.00†	6350.00	-1068.58	-230.65	9135.82	6306.96	-4395.19	-375.84	72.45	3330.05	191.58	17.38	PASS
6917.00†	6350.00	-1168.58	-230.92	9133.44	6306.94	-4395.30	-373.47	72.15	3230.15	191.48	16.87	PASS
7017.00†	6350.00	-1268.58	-231.20	9131.01	6306.92	-4395.41	-371.04	71.83	3130.24	191.38	16.36	PASS
7117.00†	6350.00	-1368.58	-231.47	9128.50	6306.91	-4395.52	-368.54	71.50	3030.34	191.28	15.84	PASS
7217.00†	6350.00	-1468.58	-231.74	9125.93	6306.90	-4395.64	-365.97	71.14	2930.45	191.18	15.33	PASS
7317.00†	6350.00	-1568.58	-232.02	9123.29	6306.89	-4395.76	-363.33	70.76	2830.55	191.08	14.81	PASS
7417.00†	6350.00	-1668.58	-232.29	9120.58	6306.88	-4395.88	-360.62	70.36	2730.66	190.98	14.30	PASS
7517.00†	6350.00	-1768.58	-232.57	9117.78	6306.87	-4396.02	-357.83	69.93	2630.77	190.87	13.78	PASS
7617.00†	6350.00	-1868.58	-232.84	9114.91	6306.86	-4396.15	-354.96	69.47	2530.89	190.76	13.27	PASS
7717.00†	6350.00	-1968.58	-233.12	9111.95	6306.85	-4396.30	-352.00	68.97	2431.01	190.66	12.75	PASS
7817.00†	6350.00	-2068.58	-233.39	9108.91	6306.85	-4396.45	-348.96	68.44	2331.13	190.55	12.23	PASS
7917.00†	6350.00	-2168.58	-233.66	9105.77	6306.85	-4396.60	-345.83	67.86	2231.26	190.43	11.72	PASS
8017.00†	6350.00	-2268.58	-233.94	9102.32	6306.85	-4396.78	-342.39	67.19	2131.40	190.31	11.20	PASS
8117.00†	6350.00	-2368.58	-234.21	9098.72	6306.86	-4396.96	-338.79	66.46	2031.53	190.19	10.68	PASS
8217.00†	6350.00	-2468.58	-234.49	9095.02	6306.87	-4397.15	-335.10	65.65	1931.68	190.06	10.16	PASS
8317.00†	6350.00	-2568.58	-234.76	9091.22	6306.89	-4397.35	-331.30	64.78	1831.83	189.94	9.64	PASS
8417.00†	6350.00	-2668.58	-235.04	9087.32	6306.91	-4397.56	-327.41	63.82	1731.98	189.81	9.12	PASS
8517.00†	6350.00	-2768.58	-235.31	9083.32	6306.94	-4397.78	-323.41	62.76	1632.15	189.68	8.60	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: Existing North Platte X-D-35HZ AWP 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°FSL,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†	6350.00	-2868.58	-235.58	9079.20	6306.98	-4398.00	-319.29	61.59	1532.32	189.55	8.08	PASS
8717.00†	6350.00	-2968.58	-235.86	9074.95	6307.03	-4398.24	-315.05	60.28	1432.50	189.42	7.56	PASS
8817.00†	6350.00	-3068.58	-236.13	9069.20	6307.10	-4398.56	-309.31	58.33	1332.68	189.24	7.04	PASS
8917.00†	6350.00	-3168.58	-236.41	9063.51	6307.18	-4398.87	-303.64	56.15	1232.87	189.07	6.52	PASS
9017.00†	6350.00	-3268.58	-236.68	9057.90	6307.26	-4399.18	-298.03	53.73	1133.07	188.90	6.00	PASS
9117.00†	6350.00	-3368.58	-236.96	9052.35	6307.34	-4399.48	-292.49	51.01	1033.28	188.74	5.47	PASS
9217.00†	6350.00	-3468.58	-237.23	9046.87	6307.42	-4399.78	-287.02	47.97	933.50	188.59	4.95	PASS
9317.00†	6350.00	-3568.58	-237.51	9039.19	6307.54	-4400.19	-279.35	42.98	833.74	188.38	4.43	PASS
9417.00†	6350.00	-3668.57	-237.78	9030.57	6307.68	-4400.60	-270.74	36.18	733.99	188.15	3.90	PASS
9517.00†	6350.00	-3768.57	-238.05	9023.61	6307.79	-4400.91	-263.79	29.62	634.26	187.99	3.37	PASS
9617.00†	6350.00	-3868.57	-238.33	9017.88	6307.88	-4401.14	-258.07	23.46	534.59	187.87	2.85	PASS
9717.00†	6350.00	-3968.57	-238.60	9013.08	6307.95	-4401.31	-253.27	17.78	435.03	187.78	2.32	PASS
9817.00†	6350.00	-4068.57	-238.88	9009.37	6308.01	-4401.44	-249.56	13.10	335.68	187.64	1.79	PASS
9917.00†	6350.00	-4168.57	-239.15	9006.04	6308.06	-4401.55	-246.23	8.73	236.83	187.22	1.26	PASS
10017.00†	6350.00	-4268.57	-239.43	9002.90	6308.11	-4401.66	-243.10	4.51	139.57	184.91	0.75	FAIL
10117.00†	6350.00	-4368.57	-239.70	8999.94	6308.15	-4401.75	-240.14	0.48	53.41	147.99	0.36	FAIL
10150.13†	6350.00	-4401.70	-239.79	8999.04	6308.16	-4401.78	-239.23	-0.76	41.84	90.19	0.46	FAIL
10217.00†	6350.00	-4468.57	-239.97	8997.15	6308.19	-4401.84	-237.35	-3.35	78.80	164.87	0.48	FAIL
10317.00†	6350.00	-4568.57	-240.25	8994.50	6308.23	-4401.92	-234.70	-6.95	171.90	180.79	0.95	FAIL
10417.00†	6350.00	-4668.57	-240.52	8991.99	6308.26	-4401.99	-232.19	-10.32	269.96	183.69	1.47	PASS
10517.00†	6350.00	-4768.57	-240.80	8989.61	6308.29	-4402.06	-229.81	-13.45	369.04	184.74	2.00	PASS
10617.00†	6350.00	-4868.57	-241.07	8987.35	6308.32	-4402.12	-227.55	-16.37	468.50	185.26	2.53	PASS
10717.00†	6350.00	-4968.57	-241.35	8985.19	6308.35	-4402.18	-225.40	-19.06	568.14	185.55	3.06	PASS
10817.00†	6350.00	-5068.57	-241.62	8983.14	6308.37	-4402.24	-223.35	-21.56	667.88	185.74	3.60	PASS
10917.00†	6350.00	-5168.57	-241.89	8981.18	6308.40	-4402.29	-221.39	-23.86	767.68	185.88	4.13	PASS
11017.00†	6350.00	-5268.57	-242.17	8979.62	6308.42	-4402.33	-219.82	-25.65	867.53	185.99	4.66	PASS
11117.00†	6350.00	-5368.57	-242.44	8978.19	6308.43	-4402.36	-218.40	-27.23	967.40	186.09	5.20	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

POSITIONAL UNCERTAINTY - Offset Wellbore: Existing North Platte X-D-35HZ AWB Offset Wellpath: Existing North Platte X-D-35HZ AWP

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

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

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	12.00	410.00	398.00	22.00	419.96	-2790.38	2187.08	-2789.07	2187.86
7in Casing Intermediate	12.00	6740.00	6728.00	22.00	6337.89	-2790.38	2187.08	-2730.14	1708.79

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

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

OFFSET WELLPATH REFERENCE - Offset Wellbore: Existing North Platte X-D-35HZ AWB Offset Wellpath: Existing North Platte X-D-35HZ AWP

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



Clearance Report

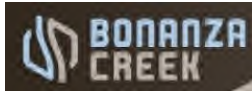
NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: NORTH PLATTE K-35-34MRLNB PWB Offset Wellpath: NORTH PLATTE K-35-34MRLNB (REV-A.0) PWP												
Facility: SEC.26-T5N-R63W Slot: SLOT#25 NORTH PLATTE K-35-34MRLNB (WELL 6,STATE NORTH PLATTE O-26 PAD) Well: NORTH PLATTE K-35-34MRLNB Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	17.00	17.00	20.40	0.00	0.00	20.40	1.40	32.67	PASS
117.00†	117.00	0.00	0.00	117.00	117.00	20.40	0.00	0.00	20.40	2.02	16.07	PASS
217.00†	217.00	0.00	0.00	217.00	217.00	20.40	0.00	0.00	20.40	3.00	8.91	PASS
317.00†	317.00	0.00	0.00	317.00	317.00	20.40	0.00	0.00	20.40	4.02	6.08	PASS
417.00†	417.00	0.00	0.00	417.00	417.00	20.40	0.00	0.00	20.40	5.06	4.60	PASS
517.00†	517.00	0.00	0.00	517.00	517.00	20.40	0.00	0.00	20.40	6.10	3.70	PASS
617.00†	617.00	0.00	0.00	617.00	617.00	20.40	0.00	0.00	20.40	7.14	3.09	PASS
717.00†	717.00	0.00	0.00	717.00	717.00	20.40	0.00	0.00	20.40	8.18	2.66	PASS
817.00†	817.00	0.00	0.00	817.00	817.00	20.40	0.00	0.00	20.40	9.23	2.33	PASS
917.00†	917.00	0.00	0.00	917.00	917.00	20.40	0.00	0.00	20.40	10.27	2.07	PASS
1017.00†	1017.00	0.00	0.00	1017.00	1017.00	20.40	0.00	0.00	20.40	11.32	1.86	PASS
1117.00†	1117.00	0.00	0.00	1117.00	1117.00	20.40	0.00	0.00	20.40	12.36	1.70	PASS
1217.00†	1217.00	0.00	0.00	1217.00	1217.00	20.40	0.00	0.00	20.40	13.41	1.55	PASS
1317.00†	1317.00	0.00	0.00	1317.00	1317.00	20.40	0.00	0.00	20.40	14.46	1.44	PASS
1417.00†	1417.00	0.00	0.00	1417.00	1417.00	20.40	0.00	0.00	20.40	15.50	1.33	PASS
1517.00†	1517.00	0.00	0.00	1516.88	1516.88	20.45	-0.01	-0.04	20.45	16.55	1.25	PASS
1617.00†	1617.00	0.00	0.00	1616.27	1616.24	22.61	-0.68	-1.71	22.64	16.26	1.39	PASS
1717.00†	1717.00	0.00	0.00	1716.21	1716.12	25.95	-1.70	-3.74	26.02	16.33	1.59	PASS
1817.00†	1817.00	0.00	0.00	1816.15	1815.99	29.28	-2.72	-5.30	29.43	16.46	1.79	PASS
1917.00†	1917.00	0.00	0.00	1916.09	1915.87	32.62	-3.74	-6.53	32.85	16.66	1.97	PASS
2000.00	2000.00	0.00	0.00	1999.03	1998.77	35.39	-4.58	-7.38	35.70	16.87	2.12	PASS
2017.00†	2017.00	-0.04	-0.02	2016.18	2015.91	35.93	-4.72	144.98	36.30	16.92	2.15	PASS
2117.00†	2116.97	-2.12	-1.11	2117.11	2116.82	37.68	-4.07	148.15	39.91	17.32	2.30	PASS
2217.00†	2216.79	-7.28	-3.80	2217.86	2217.51	36.98	-0.85	156.22	44.36	18.00	2.46	PASS
2317.00†	2316.35	-15.53	-8.11	2318.16	2317.59	33.84	4.89	167.14	51.07	18.73	2.73	PASS
2337.33	2336.55	-17.58	-9.18	2338.47	2337.82	32.91	6.36	169.50	52.85	18.85	2.80	PASS
2417.00†	2415.67	-25.88	-13.51	2417.88	2416.81	28.32	13.10	178.58	60.39	19.19	3.15	PASS
2517.00†	2514.98	-36.30	-18.95	2517.01	2515.05	20.46	23.72	-170.57	71.01	19.62	3.62	PASS
2617.00†	2614.28	-46.71	-24.39	2615.35	2612.00	10.34	36.67	-160.44	83.59	20.11	4.16	PASS
2717.00†	2713.59	-57.12	-29.82	2712.79	2707.46	-1.93	51.83	-151.26	98.75	20.70	4.77	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: NORTH PLATTE K-35-34MRLNB PWB Offset Wellpath: NORTH PLATTE K-35-34MRLNB (REV-A.0) PWP												
Facility: SEC.26-T5N-R63W		Slot: SLOT#25 NORTH PLATTE K-35-34MRLNB (WELL 6,STATE NORTH PLATTE O-26 PAD)			Well: NORTH PLATTE K-35-34MRLNB			Threshold Value=1.00 † = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2817.00†	2812.90	-67.54	-35.26	2810.34	2802.81	-15.01	67.83	-144.04	116.14	21.39	5.43	PASS
2917.00†	2912.21	-77.95	-40.70	2907.90	2898.16	-28.08	83.82	-138.73	134.87	22.16	6.09	PASS
3017.00†	3011.51	-88.36	-46.14	3005.46	2993.50	-41.16	99.82	-134.73	154.45	22.99	6.72	PASS
3117.00†	3110.82	-98.78	-51.57	3103.02	3088.85	-54.23	115.81	-131.63	174.60	23.86	7.32	PASS
3217.00†	3210.13	-109.19	-57.01	3200.58	3184.20	-67.31	131.81	-129.18	195.14	24.77	7.88	PASS
3317.00†	3309.44	-119.61	-62.45	3298.14	3279.54	-80.39	147.81	-127.19	215.96	25.71	8.40	PASS
3417.00†	3408.74	-130.02	-67.88	3395.70	3374.89	-93.46	163.80	-125.55	236.98	26.67	8.88	PASS
3517.00†	3508.05	-140.43	-73.32	3493.26	3470.24	-106.54	179.80	-124.18	258.16	27.67	9.33	PASS
3617.00†	3607.36	-150.85	-78.76	3590.82	3565.58	-119.61	195.79	-123.02	279.46	28.68	9.74	PASS
3717.00†	3706.67	-161.26	-84.20	3688.38	3660.93	-132.69	211.79	-122.02	300.86	29.71	10.13	PASS
3817.00†	3805.98	-171.67	-89.63	3785.94	3756.28	-145.76	227.79	-121.16	322.33	30.76	10.48	PASS
3917.00†	3905.28	-182.09	-95.07	3883.50	3851.62	-158.84	243.78	-120.40	343.86	31.83	10.80	PASS
4017.00†	4004.59	-192.50	-100.51	3981.06	3946.97	-171.92	259.78	-119.73	365.44	32.90	11.11	PASS
4117.00†	4103.90	-202.92	-105.94	4078.62	4042.32	-184.99	275.77	-119.14	387.07	34.00	11.39	PASS
4217.00†	4203.21	-213.33	-111.38	4176.18	4137.66	-198.07	291.77	-118.61	408.73	35.10	11.65	PASS
4317.00†	4302.51	-223.74	-116.82	4273.74	4233.01	-211.14	307.76	-118.13	430.42	36.21	11.89	PASS
4417.00†	4401.82	-234.16	-122.26	4371.30	4328.36	-224.22	323.76	-117.70	452.13	37.34	12.11	PASS
4517.00†	4501.13	-244.57	-127.69	4468.86	4423.70	-237.29	339.76	-117.30	473.87	38.47	12.32	PASS
4617.00†	4600.44	-254.98	-133.13	4566.42	4519.05	-250.37	355.75	-116.95	495.63	39.61	12.51	PASS
4717.00†	4699.74	-265.40	-138.57	4663.98	4614.40	-263.44	371.75	-116.62	517.41	40.75	12.70	PASS
4817.00†	4799.05	-275.81	-144.00	4761.53	4709.75	-276.52	387.74	-116.32	539.20	41.91	12.87	PASS
4917.00†	4898.36	-286.23	-149.44	4859.09	4805.09	-289.60	403.74	-116.04	561.00	43.07	13.03	PASS
5017.00†	4997.67	-296.64	-154.88	4956.65	4900.44	-302.67	419.74	-115.78	582.81	44.24	13.18	PASS
5117.00†	5096.97	-307.05	-160.31	5054.21	4995.79	-315.75	435.73	-115.54	604.64	45.41	13.32	PASS
5217.00†	5196.28	-317.47	-165.75	5151.77	5091.13	-328.82	451.73	-115.32	626.47	46.58	13.45	PASS
5317.00†	5295.59	-327.88	-171.19	5249.33	5186.48	-341.90	467.72	-115.11	648.31	47.76	13.57	PASS
5417.00†	5394.90	-338.29	-176.63	5346.89	5281.83	-354.97	483.72	-114.92	670.16	48.95	13.69	PASS
5517.00†	5494.20	-348.71	-182.06	5444.45	5377.17	-368.05	499.71	-114.74	692.02	50.14	13.80	PASS
5617.00†	5593.51	-359.12	-187.50	5542.06	5468.00	-381.11	515.71	-114.56	713.87	51.33	13.91	PASS
5717.00†	5692.82	-369.54	-192.94	5639.60	5555.00	-394.16	531.71	-114.38	735.71	52.52	14.02	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

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

Facility: SEC.26-T5N-R63W Slot: SLOT#25 NORTH PLATTE K-35-34MRLNB (WELL 6,STATE NORTH PLATTE O-26 PAD) Well: NORTH PLATTE K-35-34MRLNB Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5817.00†	5792.13	-379.95	-198.37	6865.99	6285.00	-494.98	-198.05	-51.09	506.12	42.47	11.92	PASS
5862.74	5837.55	-384.71	-200.86	6868.49	6285.00	-494.98	-200.55	-49.16	460.83	43.17	10.67	PASS
5917.00†	5891.09	-392.91	-203.80	6871.45	6285.00	-494.99	-203.51	-60.06	406.93	43.92	9.26	PASS
6017.00†	5986.75	-421.11	-209.09	6876.82	6285.00	-495.01	-208.88	-165.87	307.27	43.88	7.00	PASS
6117.00†	6076.06	-465.52	-214.07	6881.94	6285.00	-495.02	-213.99	-178.11	211.01	40.72	5.18	PASS
6217.00†	6156.32	-524.79	-218.61	6886.64	6285.00	-495.04	-218.69	178.94	132.08	47.97	2.75	PASS
6317.00†	6225.08	-597.12	-222.55	6890.79	6285.00	-495.05	-222.84	177.41	118.36	97.93	1.21	PASS
6319.98†	6226.93	-599.46	-222.66	6890.90	6285.00	-495.05	-222.96	177.37	119.47	98.91	1.21	PASS
6417.00†	6280.25	-680.31	-225.78	6894.26	6285.00	-495.06	-226.31	175.97	185.32	108.91	1.70	PASS
6517.00†	6320.15	-771.83	-228.21	6896.94	6285.00	-495.06	-229.00	173.11	278.99	107.87	2.59	PASS
6617.00†	6343.58	-868.91	-229.75	6898.76	6285.00	-495.07	-230.82	67.01	378.40	107.67	3.51	PASS
6702.88	6350.00	-954.47	-230.33	6899.59	6285.00	-495.07	-231.65	2.27	463.97	108.16	4.29	PASS
6717.00†	6350.00	-968.58	-230.37	6899.67	6285.00	-495.07	-231.73	2.34	477.95	108.26	4.41	PASS
6817.00†	6350.00	-1068.58	-230.65	6900.23	6285.00	-495.07	-232.29	2.83	577.18	108.84	5.30	PASS
6917.00†	6350.00	-1168.58	-230.92	6900.79	6285.00	-495.08	-232.85	3.32	676.64	109.25	6.19	PASS
7017.00†	6350.00	-1268.58	-231.20	6901.35	6285.00	-495.08	-233.41	3.81	776.24	109.57	7.08	PASS
7117.00†	6350.00	-1368.58	-231.47	6901.91	6285.00	-495.08	-233.97	4.31	875.92	109.84	7.97	PASS
7217.00†	6350.00	-1468.58	-231.74	6902.47	6285.00	-495.08	-234.53	4.80	975.67	110.08	8.86	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

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

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



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

HOLE & CASING SECTIONS - Offset Wellbore: NORTH PLATTE K-35-34MRLNB PWB Offset Wellpath: NORTH PLATTE K-35-34MRLNB (REV-A.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	17.00	1550.00	1533.00	17.00	1550.00	12.44	0.00	12.56	-0.04

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



Clearance Report

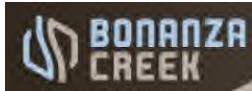
NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: 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 NORTH PLATTE 21-35-2MRLNB (WELL 6, STATE NORTH PLATTE I-26 PAD) Well: NORTH PLATTE 21-35-2MRLNB Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	22.00	17.00	921.00	-1027.97	-48.14	1380.20	1.42	2241.17	PASS
117.00†	117.00	0.00	0.00	122.00	117.00	921.00	-1027.97	-48.14	1380.20	2.05	1109.07	PASS
217.00†	217.00	0.00	0.00	222.00	217.00	921.00	-1027.97	-48.14	1380.20	3.03	620.03	PASS
317.00†	317.00	0.00	0.00	322.00	317.00	921.00	-1027.97	-48.14	1380.20	4.05	424.75	PASS
417.00†	417.00	0.00	0.00	422.00	417.00	921.00	-1027.97	-48.14	1380.20	5.08	322.12	PASS
517.00†	517.00	0.00	0.00	522.00	517.00	921.00	-1027.97	-48.14	1380.20	6.12	259.20	PASS
617.00†	617.00	0.00	0.00	622.00	617.00	921.00	-1027.97	-48.14	1380.20	7.17	216.75	PASS
717.00†	717.00	0.00	0.00	722.00	717.00	921.00	-1027.97	-48.14	1380.20	8.21	186.22	PASS
817.00†	817.00	0.00	0.00	822.00	817.00	921.00	-1027.97	-48.14	1380.20	9.25	163.21	PASS
917.00†	917.00	0.00	0.00	922.00	917.00	921.00	-1027.97	-48.14	1380.20	10.28	145.58	PASS
1017.00†	1017.00	0.00	0.00	1022.00	1017.00	921.00	-1027.97	-48.14	1380.20	11.34	130.84	PASS
1117.00†	1117.00	0.00	0.00	1122.00	1117.00	921.00	-1027.97	-48.14	1380.20	12.39	119.04	PASS
1217.00†	1217.00	0.00	0.00	1222.00	1217.00	921.00	-1027.97	-48.14	1380.20	13.44	109.18	PASS
1317.00†	1317.00	0.00	0.00	1322.00	1317.00	921.00	-1027.97	-48.14	1380.20	14.48	100.83	PASS
1417.00†	1417.00	0.00	0.00	1422.00	1417.00	921.00	-1027.97	-48.14	1380.20	15.53	93.67	PASS
1517.00†	1517.00	0.00	0.00	1522.00	1517.00	921.00	-1027.97	-48.14	1380.20	16.56	87.52	PASS
1617.00†	1617.00	0.00	0.00	1622.00	1617.00	921.00	-1027.97	-48.14	1380.20	16.28	84.80	PASS
1717.00†	1717.00	0.00	0.00	1722.00	1717.00	921.00	-1027.97	-48.14	1380.20	16.34	84.49	PASS
1817.00†	1817.00	0.00	0.00	1822.00	1817.00	921.00	-1027.97	-48.14	1380.20	16.46	83.84	PASS
1917.00†	1917.00	0.00	0.00	1922.00	1917.00	921.00	-1027.97	-48.14	1380.20	16.65	82.88	PASS
2000.00	2000.00	0.00	0.00	2008.15	2003.15	920.99	-1027.97	-48.14	1380.20	16.86	81.85	PASS
2017.00†	2017.00	-0.04	-0.02	2035.86	2030.85	920.78	-1027.92	104.29	1380.10	16.93	81.50	PASS
2117.00†	2116.97	-2.12	-1.11	2198.68	2193.52	914.25	-1026.60	104.33	1377.40	17.47	78.84	PASS
2217.00†	2216.79	-7.28	-3.80	2360.89	2354.93	898.75	-1023.45	104.44	1371.01	18.16	75.50	PASS
2317.00†	2316.35	-15.53	-8.11	2522.00	2514.11	874.52	-1018.53	104.63	1360.98	18.92	71.93	PASS
2337.33	2336.55	-17.58	-9.18	2554.57	2546.11	868.56	-1017.32	104.67	1358.50	19.09	71.16	PASS
2417.00†	2415.67	-25.88	-13.51	2681.45	2670.04	841.94	-1011.92	104.59	1347.08	19.78	68.12	PASS
2517.00†	2514.98	-36.30	-18.95	2838.33	2821.42	801.64	-1003.74	104.29	1328.85	20.73	64.11	PASS
2617.00†	2614.28	-46.71	-24.39	2991.79	2967.10	754.42	-994.15	103.75	1306.42	21.81	59.89	PASS
2717.00†	2713.59	-57.12	-29.82	3112.47	3079.90	712.40	-985.62	103.15	1280.58	22.80	56.18	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: 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 NORTH PLATTE 21-35-2MRLNB (WELL 6, STATE NORTH PLATTE I-26 PAD)			Well: NORTH PLATTE 21-35-2MRLNB			Threshold Value=1.00 † = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2817.00†	2812.90	-67.54	-35.26	3208.36	3169.29	678.41	-978.72	102.64	1254.42	23.77	52.77	PASS
2917.00†	2912.21	-77.95	-40.70	3304.24	3258.69	644.43	-971.82	102.10	1228.36	24.81	49.51	PASS
3017.00†	3011.51	-88.36	-46.14	3400.13	3348.08	610.45	-964.92	101.54	1202.41	25.91	46.40	PASS
3117.00†	3110.82	-98.78	-51.57	3496.01	3437.48	576.46	-958.02	100.96	1176.56	27.07	43.47	PASS
3217.00†	3210.13	-109.19	-57.01	3591.90	3526.87	542.48	-951.12	100.36	1150.84	28.28	40.70	PASS
3317.00†	3309.44	-119.61	-62.45	3687.78	3616.27	508.49	-944.22	99.72	1125.25	29.53	38.10	PASS
3417.00†	3408.74	-130.02	-67.88	3783.67	3705.66	474.51	-937.32	99.06	1099.79	30.83	35.67	PASS
3517.00†	3508.05	-140.43	-73.32	3879.55	3795.06	440.53	-930.42	98.36	1074.48	32.18	33.39	PASS
3617.00†	3607.36	-150.85	-78.76	3975.44	3884.45	406.54	-923.52	97.64	1049.33	33.57	31.26	PASS
3717.00†	3706.67	-161.26	-84.20	4071.32	3973.85	372.56	-916.62	96.87	1024.35	34.99	29.27	PASS
3817.00†	3805.98	-171.67	-89.63	4167.21	4063.24	338.57	-909.72	96.07	999.54	36.46	27.41	PASS
3917.00†	3905.28	-182.09	-95.07	4263.09	4152.64	304.59	-902.82	95.23	974.94	37.96	25.68	PASS
4017.00†	4004.59	-192.50	-100.51	4358.98	4242.03	270.61	-895.93	94.35	950.55	39.51	24.06	PASS
4117.00†	4103.90	-202.92	-105.94	4454.87	4331.43	236.62	-889.03	93.43	926.38	41.09	22.55	PASS
4217.00†	4203.21	-213.33	-111.38	4550.75	4420.82	202.64	-882.13	92.45	902.46	42.71	21.13	PASS
4317.00†	4302.51	-223.74	-116.82	4646.64	4510.22	168.65	-875.23	91.43	878.81	44.36	19.81	PASS
4417.00†	4401.82	-234.16	-122.26	4742.52	4599.61	134.67	-868.33	90.35	855.44	46.06	18.57	PASS
4517.00†	4501.13	-244.57	-127.69	4838.41	4689.01	100.69	-861.43	89.21	832.39	47.79	17.42	PASS
4617.00†	4600.44	-254.98	-133.13	4934.29	4778.40	66.70	-854.53	88.00	809.67	49.56	16.34	PASS
4717.00†	4699.74	-265.40	-138.57	5030.18	4867.80	32.72	-847.63	86.74	787.33	51.36	15.33	PASS
4817.00†	4799.05	-275.81	-144.00	5126.06	4957.19	-1.27	-840.73	85.40	765.38	53.21	14.39	PASS
4917.00†	4898.36	-286.23	-149.44	5221.95	5046.59	-35.25	-833.83	83.98	743.87	55.09	13.50	PASS
5017.00†	4997.67	-296.64	-154.88	5317.83	5135.98	-69.24	-826.93	82.49	722.84	57.00	12.68	PASS
5117.00†	5096.97	-307.05	-160.31	5413.72	5225.38	-103.22	-820.03	80.91	702.33	58.95	11.91	PASS
5217.00†	5196.28	-317.47	-165.75	5509.60	5314.77	-137.20	-813.13	79.24	682.38	60.93	11.20	PASS
5317.00†	5295.59	-327.88	-171.19	5605.49	5404.17	-171.19	-806.23	77.47	663.04	62.94	10.53	PASS
5417.00†	5394.90	-338.29	-176.63	5701.37	5493.56	-205.17	-799.33	75.61	644.38	64.97	9.92	PASS
5517.00†	5494.20	-348.71	-182.06	5797.26	5582.96	-239.16	-792.43	73.64	626.44	67.02	9.35	PASS
5617.00†	5593.51	-359.12	-187.50	5893.15	5672.35	-273.14	-785.53	71.57	609.31	69.08	8.82	PASS
5717.00†	5692.82	-369.54	-192.94	5989.03	5761.75	-307.12	-778.63	69.39	593.03	71.14	8.34	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

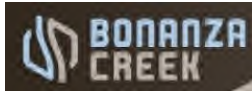
NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: 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 NORTH PLATTE 21-35-2MRLNB (WELL 6, STATE NORTH PLATTE I-26 PAD)				Well: NORTH PLATTE 21-35-2MRLNB				Threshold Value=1.00 † = interpolated/extrapolated station			
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
5817.00†	5792.13	-379.95	-198.37	6084.92	5851.14	-341.11	-771.73	67.09	577.70	73.19	7.89	PASS	
5862.74	5837.55	-384.71	-200.86	6128.78	5892.04	-356.65	-768.58	66.00	571.01	74.12	7.70	PASS	
5917.00†	5891.09	-392.91	-203.80	6181.88	5941.48	-375.64	-764.76	77.83	563.49	75.25	7.49	PASS	
6017.00†	5986.75	-421.11	-209.09	6281.28	6029.56	-420.94	-757.93	84.17	550.51	77.77	7.08	PASS	
6117.00†	6076.06	-465.52	-214.07	6377.75	6106.33	-478.85	-751.94	86.00	538.88	80.87	6.66	PASS	
6217.00†	6156.32	-524.79	-218.61	6471.67	6170.75	-546.86	-746.86	86.48	528.91	84.43	6.26	PASS	
6317.00†	6225.08	-597.12	-222.55	6563.40	6222.16	-622.60	-742.75	86.35	520.83	88.41	5.89	PASS	
6417.00†	6280.25	-680.31	-225.78	6653.28	6260.23	-703.86	-739.64	85.90	514.79	92.72	5.55	PASS	
6517.00†	6320.15	-771.83	-228.21	6741.63	6284.86	-788.60	-737.55	85.26	510.84	97.27	5.25	PASS	
6617.00†	6343.58	-868.91	-229.75	6828.73	6296.15	-874.86	-736.48	84.52	508.98	101.95	4.99	PASS	
6702.88	6350.00	-954.47	-230.33	6909.62	6297.00	-955.74	-736.21	84.02	508.64	106.24	4.79	PASS	
6717.00†	6350.00	-968.58	-230.37	6923.73	6297.00	-969.85	-736.17	84.02	508.57	106.98	4.75	PASS	
6817.00†	6350.00	-1068.58	-230.65	7023.73	6297.00	-1069.85	-735.92	84.01	508.05	112.35	4.52	PASS	
6917.00†	6350.00	-1168.58	-230.92	7123.73	6297.00	-1169.85	-735.67	84.01	507.53	117.90	4.30	PASS	
7017.00†	6350.00	-1268.58	-231.20	7223.73	6297.00	-1269.85	-735.42	84.00	507.00	123.54	4.10	PASS	
7117.00†	6350.00	-1368.58	-231.47	7323.73	6297.00	-1369.85	-735.17	83.99	506.48	129.26	3.92	PASS	
7217.00†	6350.00	-1468.58	-231.74	7423.73	6297.00	-1469.84	-734.92	83.99	505.96	135.03	3.75	PASS	
7317.00†	6350.00	-1568.58	-232.02	7523.72	6297.00	-1569.84	-734.67	83.98	505.44	140.85	3.59	PASS	
7417.00†	6350.00	-1668.58	-232.29	7623.72	6297.00	-1669.84	-734.42	83.98	504.92	146.72	3.44	PASS	
7517.00†	6350.00	-1768.58	-232.57	7723.72	6297.00	-1769.84	-734.17	83.97	504.39	152.63	3.30	PASS	
7617.00†	6350.00	-1868.58	-232.84	7823.72	6297.00	-1869.84	-733.92	83.96	503.87	158.57	3.18	PASS	
7717.00†	6350.00	-1968.58	-233.12	7923.72	6297.00	-1969.84	-733.67	83.96	503.35	164.55	3.06	PASS	
7817.00†	6350.00	-2068.58	-233.39	8023.72	6297.00	-2069.83	-733.41	83.95	502.83	170.55	2.95	PASS	
7917.00†	6350.00	-2168.58	-233.66	8123.72	6297.00	-2169.83	-733.16	83.94	502.30	176.57	2.84	PASS	
8017.00†	6350.00	-2268.58	-233.94	8223.71	6297.00	-2269.83	-732.91	83.94	501.78	182.62	2.75	PASS	
8117.00†	6350.00	-2368.58	-234.21	8323.71	6297.00	-2369.83	-732.66	83.93	501.26	188.68	2.66	PASS	
8217.00†	6350.00	-2468.58	-234.49	8423.71	6297.00	-2469.83	-732.41	83.92	500.74	194.77	2.57	PASS	
8317.00†	6350.00	-2568.58	-234.76	8523.71	6297.00	-2569.83	-732.16	83.92	500.22	200.86	2.49	PASS	
8417.00†	6350.00	-2668.58	-235.04	8623.71	6297.00	-2669.82	-731.91	83.91	499.69	206.98	2.41	PASS	
8517.00†	6350.00	-2768.58	-235.31	8723.71	6297.00	-2769.82	-731.66	83.91	499.17	213.10	2.34	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: 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 NORTH PLATTE 21-35-2MRLNB (WELL 6, STATE NORTH PLATTE I-26 PAD)				Well: NORTH PLATTE 21-35-2MRLNB			Threshold Value=1.00 † = interpolated/extrapolated station			
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
8617.00†	6350.00	-2868.58	-235.58	8823.71	6297.00	-2869.82	-731.41	83.90	498.65	219.24	2.27	PASS
8717.00†	6350.00	-2968.58	-235.86	8923.70	6297.00	-2969.82	-731.16	83.89	498.13	225.39	2.21	PASS
8817.00†	6350.00	-3068.58	-236.13	9023.70	6297.00	-3069.82	-730.91	83.89	497.61	231.55	2.15	PASS
8917.00†	6350.00	-3168.58	-236.41	9123.70	6297.00	-3169.82	-730.66	83.88	497.08	237.71	2.09	PASS
9017.00†	6350.00	-3268.58	-236.68	9223.70	6297.00	-3269.81	-730.41	83.87	496.56	243.89	2.04	PASS
9117.00†	6350.00	-3368.58	-236.96	9323.70	6297.00	-3369.81	-730.16	83.87	496.04	250.07	1.98	PASS
9217.00†	6350.00	-3468.58	-237.23	9423.70	6297.00	-3469.81	-729.91	83.86	495.52	256.26	1.93	PASS
9317.00†	6350.00	-3568.58	-237.51	9523.70	6297.00	-3569.81	-729.65	83.85	495.00	262.46	1.89	PASS
9417.00†	6350.00	-3668.57	-237.78	9623.70	6297.00	-3669.81	-729.40	83.85	494.47	268.66	1.84	PASS
9517.00†	6350.00	-3768.57	-238.05	9723.69	6297.00	-3769.81	-729.15	83.84	493.95	274.87	1.80	PASS
9617.00†	6350.00	-3868.57	-238.33	9823.69	6297.00	-3869.80	-728.90	83.83	493.43	281.08	1.76	PASS
9717.00†	6350.00	-3968.57	-238.60	9923.69	6297.00	-3969.80	-728.65	83.83	492.91	287.30	1.72	PASS
9817.00†	6350.00	-4068.57	-238.88	10023.69	6297.00	-4069.80	-728.40	83.82	492.39	293.52	1.68	PASS
9917.00†	6350.00	-4168.57	-239.15	10123.69	6297.00	-4169.80	-728.15	83.81	491.86	299.75	1.64	PASS
10017.00†	6350.00	-4268.57	-239.43	10223.69	6297.00	-4269.80	-727.90	83.81	491.34	305.98	1.61	PASS
10117.00†	6350.00	-4368.57	-239.70	10323.69	6297.00	-4369.80	-727.65	83.80	490.82	312.21	1.57	PASS
10217.00†	6350.00	-4468.57	-239.97	10423.68	6297.00	-4469.79	-727.40	83.79	490.30	318.45	1.54	PASS
10317.00†	6350.00	-4568.57	-240.25	10523.68	6297.00	-4569.79	-727.15	83.79	489.78	324.69	1.51	PASS
10417.00†	6350.00	-4668.57	-240.52	10623.68	6297.00	-4669.79	-726.90	83.78	489.25	330.93	1.48	PASS
10517.00†	6350.00	-4768.57	-240.80	10723.68	6297.00	-4769.79	-726.65	83.77	488.73	337.18	1.45	PASS
10617.00†	6350.00	-4868.57	-241.07	10823.68	6297.00	-4869.79	-726.40	83.77	488.21	343.43	1.42	PASS
10717.00†	6350.00	-4968.57	-241.35	10923.68	6297.00	-4969.79	-726.14	83.76	487.69	349.68	1.39	PASS
10817.00†	6350.00	-5068.57	-241.62	11023.68	6297.00	-5069.78	-725.89	83.75	487.17	355.94	1.37	PASS
10917.00†	6350.00	-5168.57	-241.89	11123.67	6297.00	-5169.78	-725.64	83.75	486.65	362.19	1.34	PASS
11017.00†	6350.00	-5268.57	-242.17	11223.67	6297.00	-5269.78	-725.39	83.74	486.12	368.45	1.32	PASS
11117.00†	6350.00	-5368.57	-242.44	11323.67	6297.00	-5369.78	-725.14	83.73	485.60	374.71	1.30	PASS
11217.00†	6350.00	-5468.57	-242.72	11423.67	6297.00	-5469.78	-724.89	83.73	485.08	380.98	1.27	PASS
11317.00†	6350.00	-5568.57	-242.99	11523.67	6297.00	-5569.78	-724.64	83.72	484.56	387.24	1.25	PASS
11417.00†	6350.00	-5668.57	-243.27	11623.67	6297.00	-5669.77	-724.39	83.71	484.04	393.51	1.23	PASS
11487.78	6350.00	-5739.35	-243.46	11693.25	6297.00	-5739.36	-724.22	83.71	483.67	397.89	1.22	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

POSITIONAL UNCERTAINTY - Offset Wellbore: NORTH PLATTE 21-35-2MRLNB PWB Offset Wellpath: NORTH PLATTE 21-35-2MRLNB (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 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	561.45	-626.64	561.45	-626.64

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

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



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

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

Facility: SEC.26-T5N-R63W Slot: SLOT#26 STATE NORTH PLATTE K-35-36MRLNB (WELL 5, STATE NORTH PLATTE O-26 PAD) Well: STATE NORTH PLATTE K-35-36MRLNB Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	17.00	17.00	40.44	0.84	1.18	40.45	1.40	66.07	PASS
117.00†	117.00	0.00	0.00	117.00	117.00	40.44	0.84	1.18	40.45	2.02	32.52	PASS
217.00†	217.00	0.00	0.00	217.00	217.00	40.44	0.84	1.18	40.45	3.00	18.03	PASS
317.00†	317.00	0.00	0.00	317.00	317.00	40.44	0.84	1.18	40.45	4.02	12.31	PASS
417.00†	417.00	0.00	0.00	417.00	417.00	40.44	0.84	1.18	40.45	5.06	9.31	PASS
517.00†	517.00	0.00	0.00	517.21	517.21	40.39	0.81	1.15	40.40	6.10	7.48	PASS
617.00†	617.00	0.00	0.00	618.40	618.36	38.32	-0.39	-0.58	38.35	7.25	5.83	PASS
717.00†	717.00	0.00	0.00	719.29	719.07	33.17	-3.36	-5.78	33.41	8.53	4.22	PASS
817.00†	817.00	0.00	0.00	819.20	818.62	25.77	-7.63	-16.49	26.93	9.50	3.00	PASS
917.00†	917.00	0.00	0.00	918.82	917.86	18.26	-11.97	-33.26	21.85	10.42	2.19	PASS
1017.00†	1017.00	0.00	0.00	1018.44	1017.10	10.74	-16.31	-56.65	19.53	11.43	1.76	PASS
1030.18†	1030.18	0.00	0.00	1031.60	1030.21	9.74	-16.89	-60.02	19.50	11.58	1.74	PASS
1117.00†	1117.00	0.00	0.00	1118.06	1116.34	3.22	-20.65	-81.15	20.91	12.55	1.71	PASS
1217.00†	1217.00	0.00	0.00	1217.68	1215.58	-4.30	-25.00	-99.77	25.40	13.68	1.91	PASS
1317.00†	1317.00	0.00	0.00	1317.30	1314.82	-11.82	-29.34	-111.95	31.70	14.76	2.21	PASS
1417.00†	1417.00	0.00	0.00	1416.92	1414.06	-19.34	-33.68	-119.87	38.95	15.81	2.54	PASS
1517.00†	1517.00	0.00	0.00	1516.54	1513.30	-26.86	-38.02	-125.24	46.70	16.85	2.86	PASS
1617.00†	1617.00	0.00	0.00	1616.16	1612.54	-34.38	-42.36	-129.06	54.74	16.58	3.30	PASS
1717.00†	1717.00	0.00	0.00	1715.77	1711.78	-41.90	-46.70	-131.90	62.96	16.65	3.78	PASS
1817.00†	1817.00	0.00	0.00	1815.39	1811.02	-49.42	-51.04	-134.07	71.30	16.78	4.25	PASS
1917.00†	1917.00	0.00	0.00	1915.01	1910.26	-56.94	-55.38	-135.79	79.72	16.98	4.70	PASS
2000.00	2000.00	0.00	0.00	1997.70	1992.63	-63.18	-58.99	-136.97	86.75	17.19	5.05	PASS
2017.00†	2017.00	-0.04	-0.02	2014.64	2009.51	-64.46	-59.72	15.25	88.14	17.23	5.11	PASS
2117.00†	2116.97	-2.12	-1.11	2114.43	2108.92	-71.99	-64.07	14.42	94.40	17.59	5.37	PASS
2217.00†	2216.79	-7.28	-3.80	2214.38	2208.49	-79.53	-68.43	14.19	97.29	18.13	5.37	PASS
2317.00†	2316.35	-15.53	-8.11	2314.37	2308.10	-87.08	-72.79	14.49	96.80	18.71	5.17	PASS
2337.33	2336.55	-17.58	-9.18	2334.69	2328.34	-88.61	-73.67	14.62	96.29	18.82	5.12	PASS
2417.00†	2415.67	-25.88	-13.51	2414.33	2407.68	-94.62	-77.14	15.17	94.01	19.21	4.89	PASS
2517.00†	2514.98	-36.30	-18.95	2514.28	2507.25	-102.17	-81.50	15.90	91.17	19.73	4.62	PASS
2617.00†	2614.28	-46.71	-24.39	2614.23	2606.82	-109.71	-85.85	16.67	88.34	20.31	4.35	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: STATE NORTH PLATTE K-35-36MRLNB PWB Offset Wellpath: STATE NORTH PLATTE K-35-36MRLNB (REV-A.0) PWP													
Facility: SEC.26-T5N-R63W Slot: SLOT#26 STATE NORTH PLATTE K-35-36MRLNB (WELL 5, STATE NORTH PLATTE O-26 PAD) Well: STATE NORTH PLATTE K-35-36MRLNB Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
2717.00†	2713.59	-57.12	-29.82	2714.19	2706.39	-117.26	-90.21	17.49	85.52	20.93	4.09	PASS	
2817.00†	2812.90	-67.54	-35.26	2814.14	2805.97	-124.80	-94.57	18.37	82.73	21.58	3.83	PASS	
2917.00†	2912.21	-77.95	-40.70	2914.09	2905.54	-132.35	-98.92	19.31	79.96	22.28	3.59	PASS	
3017.00†	3011.51	-88.36	-46.14	3014.04	3005.11	-139.89	-103.28	20.32	77.21	23.01	3.35	PASS	
3117.00†	3110.82	-98.78	-51.57	3114.00	3104.68	-147.43	-107.63	21.41	74.48	23.78	3.13	PASS	
3217.00†	3210.13	-109.19	-57.01	3213.95	3204.26	-154.98	-111.99	22.57	71.79	24.58	2.92	PASS	
3317.00†	3309.44	-119.61	-62.45	3313.90	3303.83	-162.52	-116.34	23.83	69.13	25.41	2.72	PASS	
3417.00†	3408.74	-130.02	-67.88	3413.85	3403.40	-170.07	-120.70	25.18	66.50	26.28	2.53	PASS	
3517.00†	3508.05	-140.43	-73.32	3513.75	3502.91	-177.61	-125.05	26.65	63.91	27.17	2.35	PASS	
3617.00†	3607.36	-150.85	-78.76	3611.72	3600.39	-185.36	-131.06	28.82	63.05	28.11	2.24	PASS	
3717.00†	3706.67	-161.26	-84.20	3709.57	3697.43	-193.76	-140.32	32.03	65.51	29.16	2.25	PASS	
3817.00†	3805.98	-171.67	-89.63	3807.06	3793.70	-202.77	-152.78	35.71	71.45	30.26	2.36	PASS	
3917.00†	3905.28	-182.09	-95.07	3903.98	3888.87	-212.37	-168.35	39.29	80.97	31.36	2.58	PASS	
4017.00†	4004.59	-192.50	-100.51	4000.12	3982.65	-222.50	-186.91	42.39	94.06	32.45	2.90	PASS	
4117.00†	4103.90	-202.92	-105.94	4095.55	4075.02	-233.14	-208.38	44.90	110.63	33.49	3.30	PASS	
4217.00†	4203.21	-213.33	-111.38	4193.82	4169.80	-244.34	-231.79	46.86	128.75	34.62	3.72	PASS	
4317.00†	4302.51	-223.74	-116.82	4292.08	4264.57	-255.55	-255.20	48.34	146.97	35.75	4.11	PASS	
4417.00†	4401.82	-234.16	-122.26	4390.34	4359.35	-266.75	-278.61	49.49	165.26	36.87	4.48	PASS	
4517.00†	4501.13	-244.57	-127.69	4488.61	4454.12	-277.96	-302.02	50.40	183.61	38.00	4.83	PASS	
4617.00†	4600.44	-254.98	-133.13	4586.87	4548.90	-289.16	-325.42	51.16	202.00	39.13	5.16	PASS	
4717.00†	4699.74	-265.40	-138.57	4685.14	4643.67	-300.37	-348.83	51.78	220.41	40.27	5.47	PASS	
4817.00†	4799.05	-275.81	-144.00	4783.40	4738.45	-311.58	-372.24	52.31	238.84	41.41	5.77	PASS	
4917.00†	4898.36	-286.23	-149.44	4881.66	4833.22	-322.78	-395.65	52.77	257.29	42.56	6.05	PASS	
5017.00†	4997.67	-296.64	-154.88	4979.93	4928.00	-333.99	-419.06	53.16	275.76	43.72	6.31	PASS	
5117.00†	5096.97	-307.05	-160.31	5078.19	5022.77	-345.19	-442.47	53.51	294.23	44.88	6.56	PASS	
5217.00†	5196.28	-317.47	-165.75	5176.46	5117.55	-356.40	-465.88	53.81	312.72	46.04	6.79	PASS	
5317.00†	5295.59	-327.88	-171.19	5274.72	5212.32	-367.60	-489.29	54.08	331.21	47.21	7.02	PASS	
5417.00†	5394.90	-338.29	-176.63	5372.98	5307.09	-378.81	-512.70	54.32	349.71	48.38	7.23	PASS	
5517.00†	5494.20	-348.71	-182.06	5471.25	5401.87	-390.02	-536.11	54.54	368.21	49.56	7.43	PASS	
5617.00†	5593.51	-359.12	-187.50	5569.51	5496.64	-401.22	-559.52	54.73	386.72	50.74	7.62	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

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

Facility: SEC.26-T5N-R63W Slot: SLOT#26 STATE NORTH PLATTE K-35-36MRLNB (WELL 5, STATE NORTH PLATTE O-26 PAD) Well: STATE NORTH PLATTE K-35-36MRLNB Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
5717.00†	5692.82	-369.54	-192.94	5694.34	5617.31	-415.49	-588.03	54.93	404.86	52.43	7.72	PASS	
5817.00†	5792.13	-379.95	-198.37	6012.81	5927.85	-452.21	-555.53	53.20	388.85	53.44	7.28	PASS	
5862.74	5837.55	-384.71	-200.86	6125.84	6027.24	-463.97	-503.41	51.14	365.78	51.42	7.11	PASS	
5917.00†	5891.09	-392.91	-203.80	6227.54	6106.45	-473.34	-440.54	65.90	329.99	48.76	6.77	PASS	
6017.00†	5986.75	-421.11	-209.09	6347.74	6184.09	-482.52	-349.52	89.09	249.87	45.02	5.55	PASS	
6117.00†	6076.06	-465.52	-214.07	6416.96	6219.66	-486.73	-290.34	124.68	163.97	43.22	3.79	PASS	
6217.00†	6156.32	-524.79	-218.61	6459.52	6237.92	-488.89	-251.96	155.83	95.19	50.75	1.88	PASS	
6278.38†	6200.03	-567.78	-221.11	6477.74	6244.86	-489.71	-235.14	168.00	91.11	69.19	1.32	PASS	
6317.00†	6225.08	-597.12	-222.55	6487.03	6248.20	-490.11	-226.48	174.02	109.55	74.30	1.47	PASS	
6417.00†	6280.25	-680.31	-225.78	6505.24	6254.33	-490.83	-209.34	-171.38	191.95	74.56	2.57	PASS	
6517.00†	6320.15	-771.83	-228.21	6517.20	6258.05	-491.27	-197.99	-141.55	288.93	74.41	3.88	PASS	
6617.00†	6343.58	-868.91	-229.75	6524.57	6260.24	-491.53	-190.96	-53.03	388.41	75.93	5.12	PASS	
6702.88	6350.00	-954.47	-230.33	6527.93	6261.20	-491.65	-187.74	-24.96	473.18	77.19	6.13	PASS	
6717.00†	6350.00	-968.58	-230.37	6528.27	6261.30	-491.66	-187.41	-25.16	487.00	77.37	6.29	PASS	
6817.00†	6350.00	-1068.58	-230.65	6530.69	6261.98	-491.74	-185.09	-26.55	585.30	78.48	7.46	PASS	
6917.00†	6350.00	-1168.58	-230.92	6533.03	6262.63	-491.82	-182.85	-27.88	684.08	79.37	8.62	PASS	
7017.00†	6350.00	-1268.58	-231.20	6535.30	6263.25	-491.89	-180.66	-29.16	783.16	80.13	9.77	PASS	
7117.00†	6350.00	-1368.58	-231.47	6537.50	6263.85	-491.96	-178.54	-30.39	882.44	80.80	10.92	PASS	
7217.00†	6350.00	-1468.58	-231.74	6539.64	6264.42	-492.03	-176.48	-31.57	981.86	81.41	12.06	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

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	24.65	0.51	3.37	-11.78

SURVEY PROGRAM - Offset Wellbore: Offset Wellpath: STATE NORTH PLATTE K-35-36MRLNB (REV-A.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1550.00	BHI NaviTrak (Rotating+Axial Corr)		STATE NORTH PLATTE K-35-36MRLNB PWB
1550.00	14099.23	BHI AutoTrak Curve (Axial Corr, Short spacing)		STATE NORTH PLATTE K-35-36MRLNB PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: STATE NORTH PLATTE K-35-36MRLNB PWB Offset Wellpath: STATE NORTH PLATTE K-35-36MRLNB (REV-A.0) PWP	
MD Reference: RIG (4550'GL + 17'RKB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	17.00ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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 8, STATE NORTH PLATTE O-26 PAD) 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	-20.04	0.00	180.00	20.04	1.40	32.06	PASS
117.00†	117.00	0.00	0.00	117.00	117.00	-20.04	0.00	180.00	20.04	2.02	15.78	PASS
217.00†	217.00	0.00	0.00	216.90	216.90	-20.08	0.02	179.93	20.08	3.00	8.77	PASS
317.00†	317.00	0.00	0.00	316.23	316.20	-22.08	1.18	176.94	22.12	4.21	6.25	PASS
417.00†	417.00	0.00	0.00	415.29	415.08	-27.04	4.04	171.50	27.41	5.75	5.38	PASS
517.00†	517.00	0.00	0.00	513.83	513.20	-34.91	8.59	166.18	36.15	7.13	5.59	PASS
617.00†	617.00	0.00	0.00	611.83	610.41	-45.61	14.76	162.06	48.39	8.35	6.31	PASS
717.00†	717.00	0.00	0.00	710.85	708.47	-57.54	21.65	159.38	62.07	9.29	7.22	PASS
817.00†	817.00	0.00	0.00	809.88	806.54	-69.48	28.54	157.67	75.84	10.22	7.97	PASS
917.00†	917.00	0.00	0.00	908.91	904.60	-81.41	35.44	156.48	89.65	11.17	8.57	PASS
1017.00†	1017.00	0.00	0.00	1007.93	1002.66	-93.35	42.33	155.61	103.49	12.14	9.05	PASS
1117.00†	1117.00	0.00	0.00	1106.96	1100.73	-105.28	49.22	154.95	117.35	13.13	9.46	PASS
1217.00†	1217.00	0.00	0.00	1205.99	1198.79	-117.22	56.11	154.42	131.23	14.12	9.79	PASS
1317.00†	1317.00	0.00	0.00	1305.01	1296.85	-129.16	63.00	154.00	145.11	15.13	10.07	PASS
1417.00†	1417.00	0.00	0.00	1404.04	1394.92	-141.09	69.89	153.65	158.99	16.14	10.32	PASS
1517.00†	1517.00	0.00	0.00	1503.07	1492.98	-153.03	76.78	153.35	172.89	17.15	10.53	PASS
1617.00†	1617.00	0.00	0.00	1602.09	1591.04	-164.96	83.67	153.10	186.78	16.90	11.05	PASS
1717.00†	1717.00	0.00	0.00	1701.12	1689.11	-176.90	90.56	152.89	200.68	17.00	11.81	PASS
1817.00†	1817.00	0.00	0.00	1800.15	1787.17	-188.83	97.45	152.70	214.58	17.12	12.53	PASS
1917.00†	1917.00	0.00	0.00	1899.17	1885.23	-200.77	104.34	152.54	228.48	17.31	13.20	PASS
2000.00	2000.00	0.00	0.00	1981.37	1966.62	-210.67	110.06	152.42	240.02	17.52	13.70	PASS
2017.00†	2017.00	-0.04	-0.02	1998.20	1983.30	-212.70	111.24	-55.15	242.36	17.56	13.80	PASS
2117.00†	2116.97	-2.12	-1.11	2105.38	2089.61	-224.36	118.06	-55.58	253.65	17.95	14.13	PASS
2217.00†	2216.79	-7.28	-3.80	2214.88	2198.67	-232.64	123.20	-56.79	259.31	18.55	13.98	PASS
2317.00†	2316.35	-15.53	-8.11	2319.30	2302.92	-237.48	126.56	-58.69	259.95	19.08	13.62	PASS
2337.33	2336.55	-17.58	-9.18	2339.52	2323.12	-238.33	127.17	-59.15	259.81	19.18	13.55	PASS
2417.00†	2415.67	-25.88	-13.51	2418.75	2402.25	-241.67	129.55	-60.98	259.25	19.56	13.26	PASS
2517.00†	2514.98	-36.30	-18.95	2518.20	2501.56	-245.87	132.54	-63.28	258.94	20.10	12.89	PASS
2617.00†	2614.28	-46.71	-24.39	2617.65	2600.88	-250.06	135.53	-65.58	259.05	20.69	12.52	PASS
2717.00†	2713.59	-57.12	-29.82	2717.10	2700.20	-254.26	138.52	-67.88	259.58	21.35	12.16	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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 8, STATE NORTH PLATTE O-26 PAD) 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
2817.00†	2812.90	-67.54	-35.26	2816.55	2799.51	-258.45	141.51	-70.17	260.53	22.06	11.81	PASS
2917.00†	2912.21	-77.95	-40.70	2916.00	2898.83	-262.65	144.51	-72.43	261.90	22.83	11.47	PASS
3017.00†	3011.51	-88.36	-46.14	3015.45	2998.14	-266.84	147.50	-74.67	263.68	23.64	11.16	PASS
3117.00†	3110.82	-98.78	-51.57	3114.90	3097.46	-271.04	150.49	-76.88	265.86	24.49	10.86	PASS
3217.00†	3210.13	-109.19	-57.01	3214.35	3196.78	-275.23	153.48	-79.05	268.43	25.37	10.58	PASS
3317.00†	3309.44	-119.61	-62.45	3313.80	3296.09	-279.43	156.47	-81.17	271.38	26.29	10.32	PASS
3417.00†	3408.74	-130.02	-67.88	3413.25	3395.41	-283.62	159.46	-83.25	274.69	27.24	10.08	PASS
3517.00†	3508.05	-140.43	-73.32	3512.70	3494.73	-287.81	162.45	-85.27	278.37	28.21	9.87	PASS
3617.00†	3607.36	-150.85	-78.76	3612.15	3594.04	-292.01	165.44	-87.24	282.38	29.21	9.67	PASS
3717.00†	3706.67	-161.26	-84.20	3711.60	3693.36	-296.20	168.44	-89.15	286.72	30.22	9.49	PASS
3817.00†	3805.98	-171.67	-89.63	3811.05	3792.68	-300.40	171.43	-91.01	291.37	31.25	9.33	PASS
3917.00†	3905.28	-182.09	-95.07	3910.50	3891.99	-304.59	174.42	-92.80	296.32	32.29	9.18	PASS
4017.00†	4004.59	-192.50	-100.51	4009.95	3991.31	-308.79	177.41	-94.53	301.56	33.34	9.05	PASS
4117.00†	4103.90	-202.92	-105.94	4109.40	4090.63	-312.98	180.40	-96.21	307.06	34.40	8.93	PASS
4217.00†	4203.21	-213.33	-111.38	4208.85	4189.94	-317.18	183.39	-97.82	312.81	35.46	8.82	PASS
4317.00†	4302.51	-223.74	-116.82	4308.30	4289.26	-321.37	186.38	-99.38	318.81	36.54	8.73	PASS
4417.00†	4401.82	-234.16	-122.26	4407.75	4388.57	-325.57	189.37	-100.88	325.03	37.61	8.64	PASS
4517.00†	4501.13	-244.57	-127.69	4507.20	4487.89	-329.76	192.36	-102.32	331.47	38.70	8.57	PASS
4617.00†	4600.44	-254.98	-133.13	4606.65	4587.21	-333.96	195.36	-103.70	338.10	39.78	8.50	PASS
4717.00†	4699.74	-265.40	-138.57	4706.10	4686.52	-338.15	198.35	-105.03	344.93	40.86	8.44	PASS
4817.00†	4799.05	-275.81	-144.00	4805.55	4785.84	-342.35	201.34	-106.31	351.94	41.95	8.39	PASS
4917.00†	4898.36	-286.23	-149.44	4905.00	4885.16	-346.54	204.33	-107.54	359.12	43.04	8.34	PASS
5017.00†	4997.67	-296.64	-154.88	5004.45	4984.47	-350.74	207.32	-108.72	366.45	44.13	8.30	PASS
5117.00†	5096.97	-307.05	-160.31	5103.90	5083.79	-354.93	210.31	-109.86	373.94	45.22	8.27	PASS
5217.00†	5196.28	-317.47	-165.75	5203.35	5183.11	-359.13	213.30	-110.95	381.56	46.31	8.24	PASS
5317.00†	5295.59	-327.88	-171.19	5302.80	5282.42	-363.32	216.29	-111.99	389.32	47.40	8.21	PASS
5417.00†	5394.90	-338.29	-176.63	5402.25	5381.74	-367.52	219.29	-113.00	397.21	48.48	8.19	PASS
5517.00†	5494.20	-348.71	-182.06	5501.70	5481.05	-371.71	222.28	-113.97	405.21	49.57	8.17	PASS
5617.00†	5593.51	-359.12	-187.50	5601.15	5580.37	-375.90	225.27	-114.89	413.32	50.66	8.16	PASS
5717.00†	5692.82	-369.54	-192.94	5700.60	5679.69	-380.10	228.26	-115.79	421.53	51.75	8.15	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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 8, STATE NORTH PLATTE O-26 PAD) 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
5817.00†	5792.13	-379.95	-198.37	5799.44	5778.22	-386.62	231.23	-116.33	429.88	52.86	8.13	PASS
5862.74	5837.55	-384.71	-200.86	5844.22	5822.31	-394.28	232.57	-115.93	433.80	53.49	8.11	PASS
5917.00†	5891.09	-392.91	-203.80	5896.75	5873.08	-407.62	234.12	-102.57	438.54	54.26	8.08	PASS
6017.00†	5986.75	-421.11	-209.09	5992.37	5961.51	-443.60	236.84	-93.61	447.21	56.01	7.98	PASS
6117.00†	6076.06	-465.52	-214.07	6086.62	6041.64	-492.95	239.34	-89.25	455.55	58.24	7.82	PASS
6217.00†	6156.32	-524.79	-218.61	6179.71	6111.79	-553.94	241.56	-86.38	463.24	60.94	7.60	PASS
6317.00†	6225.08	-597.12	-222.55	6271.86	6170.62	-624.72	243.46	-84.32	469.99	64.15	7.33	PASS
6417.00†	6280.25	-680.31	-225.78	6363.28	6217.05	-703.35	245.01	-82.84	475.57	67.83	7.01	PASS
6517.00†	6320.15	-771.83	-228.21	6454.18	6250.24	-787.86	246.16	-81.82	479.76	71.94	6.67	PASS
6617.00†	6343.58	-868.91	-229.75	6544.76	6269.63	-876.23	246.91	-81.24	482.42	76.37	6.32	PASS
6702.88	6350.00	-954.47	-230.33	6622.43	6275.00	-953.66	247.21	-81.07	483.40	80.33	6.02	PASS
6717.00†	6350.00	-968.58	-230.37	6636.46	6275.00	-967.69	247.24	-81.08	483.47	81.00	5.97	PASS
6817.00†	6350.00	-1068.58	-230.65	6736.46	6275.00	-1067.69	247.43	-81.08	483.92	85.88	5.63	PASS
6917.00†	6350.00	-1168.58	-230.92	6836.46	6275.00	-1167.69	247.61	-81.09	484.38	91.06	5.32	PASS
7017.00†	6350.00	-1268.58	-231.20	6936.46	6275.00	-1267.69	247.80	-81.10	484.83	96.38	5.03	PASS
7117.00†	6350.00	-1368.58	-231.47	7036.46	6275.00	-1367.69	247.99	-81.11	485.29	101.81	4.77	PASS
7217.00†	6350.00	-1468.58	-231.74	7136.46	6275.00	-1467.69	248.18	-81.12	485.75	107.33	4.53	PASS
7317.00†	6350.00	-1568.58	-232.02	7236.45	6275.00	-1567.68	248.36	-81.13	486.20	112.93	4.31	PASS
7417.00†	6350.00	-1668.58	-232.29	7336.45	6275.00	-1667.68	248.55	-81.14	486.66	118.60	4.10	PASS
7517.00†	6350.00	-1768.58	-232.57	7436.45	6275.00	-1767.68	248.74	-81.14	487.11	124.34	3.92	PASS
7617.00†	6350.00	-1868.58	-232.84	7536.45	6275.00	-1867.68	248.92	-81.15	487.57	130.12	3.75	PASS
7717.00†	6350.00	-1968.58	-233.12	7636.45	6275.00	-1967.68	249.11	-81.16	488.03	135.95	3.59	PASS
7817.00†	6350.00	-2068.58	-233.39	7736.45	6275.00	-2067.68	249.30	-81.17	488.48	141.82	3.44	PASS
7917.00†	6350.00	-2168.58	-233.66	7836.45	6275.00	-2167.68	249.49	-81.18	488.94	147.71	3.31	PASS
8017.00†	6350.00	-2268.58	-233.94	7936.45	6275.00	-2267.68	249.67	-81.19	489.39	153.67	3.18	PASS
8117.00†	6350.00	-2368.58	-234.21	8036.45	6275.00	-2367.67	249.86	-81.19	489.85	159.63	3.07	PASS
8217.00†	6350.00	-2468.58	-234.49	8136.45	6275.00	-2467.67	250.05	-81.20	490.31	165.62	2.96	PASS
8317.00†	6350.00	-2568.58	-234.76	8236.44	6275.00	-2567.67	250.23	-81.21	490.76	171.63	2.86	PASS
8417.00†	6350.00	-2668.58	-235.04	8336.44	6275.00	-2667.67	250.42	-81.22	491.22	177.67	2.76	PASS
8517.00†	6350.00	-2768.58	-235.31	8436.44	6275.00	-2767.67	250.61	-81.23	491.67	183.72	2.68	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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 8, STATE NORTH PLATTE O-26 PAD)			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
8617.00†	6350.00	-2868.58	-235.58	8536.44	6275.00	-2867.67	250.80	-81.23	492.13	189.78	2.59	PASS
8717.00†	6350.00	-2968.58	-235.86	8636.44	6275.00	-2967.67	250.98	-81.24	492.59	195.86	2.51	PASS
8817.00†	6350.00	-3068.58	-236.13	8736.44	6275.00	-3067.67	251.17	-81.25	493.04	201.96	2.44	PASS
8917.00†	6350.00	-3168.58	-236.41	8836.44	6275.00	-3167.66	251.36	-81.26	493.50	208.07	2.37	PASS
9017.00†	6350.00	-3268.58	-236.68	8936.44	6275.00	-3267.66	251.54	-81.27	493.95	214.19	2.31	PASS
9117.00†	6350.00	-3368.58	-236.96	9036.44	6275.00	-3367.66	251.73	-81.28	494.41	220.31	2.24	PASS
9217.00†	6350.00	-3468.58	-237.23	9136.43	6275.00	-3467.66	251.92	-81.28	494.87	226.45	2.19	PASS
9317.00†	6350.00	-3568.58	-237.51	9236.43	6275.00	-3567.66	252.10	-81.29	495.32	232.60	2.13	PASS
9417.00†	6350.00	-3668.57	-237.78	9336.43	6275.00	-3667.66	252.29	-81.30	495.78	238.76	2.08	PASS
9517.00†	6350.00	-3768.57	-238.05	9436.43	6275.00	-3767.66	252.48	-81.31	496.23	244.92	2.03	PASS
9617.00†	6350.00	-3868.57	-238.33	9536.43	6275.00	-3867.66	252.67	-81.32	496.69	251.09	1.98	PASS
9717.00†	6350.00	-3968.57	-238.60	9636.43	6275.00	-3967.65	252.85	-81.32	497.15	257.27	1.93	PASS
9817.00†	6350.00	-4068.57	-238.88	9736.43	6275.00	-4067.65	253.04	-81.33	497.60	263.45	1.89	PASS
9917.00†	6350.00	-4168.57	-239.15	9836.43	6275.00	-4167.65	253.23	-81.34	498.06	269.64	1.85	PASS
10017.00†	6350.00	-4268.57	-239.43	9936.43	6275.00	-4267.65	253.41	-81.35	498.51	275.83	1.81	PASS
10117.00†	6350.00	-4368.57	-239.70	10036.43	6275.00	-4367.65	253.60	-81.36	498.97	282.03	1.77	PASS
10217.00†	6350.00	-4468.57	-239.97	10136.42	6275.00	-4467.65	253.79	-81.36	499.43	288.24	1.73	PASS
10317.00†	6350.00	-4568.57	-240.25	10236.42	6275.00	-4567.65	253.98	-81.37	499.88	294.44	1.70	PASS
10417.00†	6350.00	-4668.57	-240.52	10336.42	6275.00	-4667.65	254.16	-81.38	500.34	300.66	1.66	PASS
10517.00†	6350.00	-4768.57	-240.80	10436.42	6275.00	-4767.64	254.35	-81.39	500.80	306.87	1.63	PASS
10617.00†	6350.00	-4868.57	-241.07	10536.42	6275.00	-4867.64	254.54	-81.40	501.25	313.09	1.60	PASS
10717.00†	6350.00	-4968.57	-241.35	10636.42	6275.00	-4967.64	254.72	-81.40	501.71	319.31	1.57	PASS
10817.00†	6350.00	-5068.57	-241.62	10736.42	6275.00	-5067.64	254.91	-81.41	502.16	325.54	1.54	PASS
10917.00†	6350.00	-5168.57	-241.89	10836.42	6275.00	-5167.64	255.10	-81.42	502.62	331.77	1.51	PASS
11017.00†	6350.00	-5268.57	-242.17	10936.42	6275.00	-5267.64	255.29	-81.43	503.08	338.00	1.49	PASS
11117.00†	6350.00	-5368.57	-242.44	11036.41	6275.00	-5367.64	255.47	-81.43	503.53	344.24	1.46	PASS
11217.00†	6350.00	-5468.57	-242.72	11136.41	6275.00	-5467.64	255.66	-81.44	503.99	350.48	1.44	PASS
11317.00†	6350.00	-5568.57	-242.99	11236.41	6275.00	-5567.63	255.85	-81.45	504.45	356.72	1.41	PASS
11417.00†	6350.00	-5668.57	-243.27	11336.41	6275.00	-5667.63	256.03	-81.46	504.90	362.96	1.39	PASS
11487.78	6350.00	-5739.35	-243.46	11407.19	6275.00	-5738.41	256.17	-81.46	505.23	367.37	1.38	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

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

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

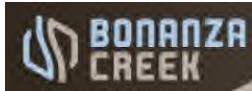
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	17.00	1550.00	1533.00	17.00	1539.46	-12.21	0.00	-54.47	24.40

SURVEY PROGRAM - Offset Wellbore: 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



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	37.89	173.05	77.65	177.15	1.40	293.92	PASS
117.00†	117.00	0.00	0.00	117.82	117.82	37.58	172.88	77.74	176.92	2.09	136.41	PASS
217.00†	217.00	0.00	0.00	218.28	218.28	36.74	172.42	77.97	176.30	3.07	77.47	PASS
317.00†	317.00	0.00	0.00	318.32	318.31	35.82	171.85	78.23	175.55	4.10	53.05	PASS
417.00†	417.00	0.00	0.00	418.28	418.26	35.51	171.18	78.28	174.82	5.13	40.19	PASS
517.00†	517.00	0.00	0.00	518.97	518.95	35.67	170.18	78.16	173.89	6.07	32.20	PASS
617.00†	617.00	0.00	0.00	618.71	618.68	35.84	169.08	78.03	172.85	7.12	26.77	PASS
717.00†	717.00	0.00	0.00	718.47	718.44	36.00	168.13	77.91	171.95	8.17	22.89	PASS
817.00†	817.00	0.00	0.00	818.30	818.27	36.34	167.25	77.74	171.16	9.22	19.98	PASS
917.00†	917.00	0.00	0.00	918.05	918.01	36.93	166.42	77.49	170.48	10.23	17.80	PASS
1017.00†	1017.00	0.00	0.00	1017.68	1017.63	37.82	165.73	77.15	170.00	11.31	15.95	PASS
1117.00†	1117.00	0.00	0.00	1117.54	1117.49	38.93	165.17	76.74	169.70	12.37	14.47	PASS
1217.00†	1217.00	0.00	0.00	1217.61	1217.55	39.80	164.65	76.41	169.39	13.43	13.24	PASS
1317.00†	1317.00	0.00	0.00	1317.58	1317.52	40.54	164.13	76.13	169.07	14.48	12.21	PASS
1417.00†	1417.00	0.00	0.00	1420.21	1420.14	40.89	163.13	75.93	168.20	15.54	11.29	PASS
1517.00†	1517.00	0.00	0.00	1522.61	1522.49	38.81	160.84	76.44	165.55	16.60	10.36	PASS
1617.00†	1617.00	0.00	0.00	1626.16	1625.88	34.33	157.23	77.68	161.18	17.02	9.62	PASS
1717.00†	1717.00	0.00	0.00	1728.11	1727.50	28.11	152.07	79.53	155.00	17.63	8.92	PASS
1817.00†	1817.00	0.00	0.00	1828.82	1827.72	20.07	146.33	82.19	148.09	18.24	8.24	PASS
1917.00†	1917.00	0.00	0.00	1932.48	1930.49	9.03	138.46	86.27	139.41	18.92	7.47	PASS
2000.00	2000.00	0.00	0.00	2016.58	2013.58	-1.14	130.48	90.50	131.19	19.55	6.80	PASS
2017.00†	2017.00	-0.04	-0.02	2034.29	2031.05	-3.35	128.58	-116.13	129.41	19.68	6.66	PASS
2117.00†	2116.97	-2.12	-1.11	2136.83	2131.86	-16.58	115.30	-110.75	118.24	20.50	5.84	PASS
2217.00†	2216.79	-7.28	-3.80	2238.83	2231.74	-30.14	99.71	-105.66	107.05	21.40	5.06	PASS
2317.00†	2316.35	-15.53	-8.11	2339.81	2330.06	-43.56	81.01	-100.96	94.42	22.43	4.25	PASS
2337.33	2336.55	-17.58	-9.18	2360.01	2349.67	-46.45	77.07	-99.96	91.89	22.61	4.10	PASS
2417.00†	2415.67	-25.88	-13.51	2439.71	2426.79	-58.35	60.89	-94.88	81.94	23.44	3.53	PASS
2517.00†	2514.98	-36.30	-18.95	2539.36	2522.73	-73.83	38.87	-85.37	69.37	24.64	2.84	PASS
2617.00†	2614.28	-46.71	-24.39	2638.81	2617.90	-89.44	14.61	-70.47	57.96	26.00	2.24	PASS
2717.00†	2713.59	-57.12	-29.82	2736.99	2711.59	-104.14	-10.83	-49.56	50.75	27.20	1.87	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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
2767.09†	2763.33	-62.34	-32.55	2786.32	2758.80	-111.10	-23.32	-38.10	49.84	27.57	1.82	PASS
2781.62†	2777.76	-63.85	-33.34	2800.61	2772.51	-113.05	-26.83	-34.88	49.90	27.64	1.81	PASS
2817.00†	2812.90	-67.54	-35.26	2835.59	2806.14	-117.67	-35.25	-27.33	50.58	27.79	1.83	PASS
2917.00†	2912.21	-77.95	-40.70	2933.31	2900.30	-131.25	-57.62	-9.77	57.17	28.08	2.05	PASS
3017.00†	3011.51	-88.36	-46.14	3033.30	2997.10	-145.04	-78.50	2.12	66.83	28.65	2.35	PASS
3117.00†	3110.82	-98.78	-51.57	3132.32	3093.30	-158.56	-97.65	9.85	77.49	29.36	2.66	PASS
3217.00†	3210.13	-109.19	-57.01	3231.15	3189.38	-172.31	-116.31	15.32	89.06	30.17	2.97	PASS
3317.00†	3309.44	-119.61	-62.45	3328.58	3283.86	-185.85	-135.84	19.90	102.12	31.00	3.32	PASS
3417.00†	3408.74	-130.02	-67.88	3424.16	3376.03	-199.73	-157.00	23.76	117.77	31.85	3.72	PASS
3517.00†	3508.05	-140.43	-73.32	3518.56	3466.27	-215.57	-179.73	26.40	136.80	32.74	4.21	PASS
3617.00†	3607.36	-150.85	-78.76	3613.80	3556.70	-232.77	-204.14	28.35	158.11	33.70	4.72	PASS
3717.00†	3706.67	-161.26	-84.20	3710.15	3647.81	-250.67	-229.88	29.91	180.78	34.72	5.24	PASS
3817.00†	3805.98	-171.67	-89.63	3809.71	3742.07	-269.57	-255.79	30.95	203.17	35.86	5.70	PASS
3917.00†	3905.28	-182.09	-95.07	3910.42	3837.85	-288.14	-280.73	31.75	224.20	37.04	6.09	PASS
4017.00†	4004.59	-192.50	-100.51	4011.77	3934.61	-306.57	-304.61	32.33	244.06	38.22	6.43	PASS
4117.00†	4103.90	-202.92	-105.94	4113.13	4031.87	-323.69	-327.43	32.96	262.36	39.40	6.70	PASS
4217.00†	4203.21	-213.33	-111.38	4211.88	4126.82	-339.11	-349.71	33.73	280.10	40.53	6.95	PASS
4317.00†	4302.51	-223.74	-116.82	4310.91	4222.00	-355.97	-371.29	34.10	297.86	41.64	7.20	PASS
4417.00†	4401.82	-234.16	-122.26	4412.95	4320.24	-372.95	-393.00	34.45	315.00	42.83	7.40	PASS
4517.00†	4501.13	-244.57	-127.69	4517.47	4421.30	-389.46	-413.95	34.81	330.61	44.06	7.55	PASS
4617.00†	4600.44	-254.98	-133.13	4630.11	4530.95	-405.61	-433.98	35.22	343.55	45.42	7.61	PASS
4717.00†	4699.74	-265.40	-138.57	4733.13	4631.88	-418.33	-450.24	35.71	353.74	46.64	7.63	PASS
4817.00†	4799.05	-275.81	-144.00	4831.53	4728.35	-430.12	-465.67	36.20	363.70	47.78	7.65	PASS
4917.00†	4898.36	-286.23	-149.44	4934.83	4829.67	-442.13	-481.80	36.74	373.48	48.97	7.67	PASS
5017.00†	4997.67	-296.64	-154.88	5046.91	4940.13	-453.27	-497.14	37.41	380.77	50.27	7.61	PASS
5117.00†	5096.97	-307.05	-160.31	5153.82	5045.93	-462.15	-509.64	38.13	385.60	51.51	7.52	PASS
5217.00†	5196.28	-317.47	-165.75	5260.23	5151.48	-470.02	-520.66	38.87	388.89	52.73	7.41	PASS
5317.00†	5295.59	-327.88	-171.19	5371.78	5262.41	-476.78	-530.13	39.73	390.01	53.96	7.26	PASS
5417.00†	5394.90	-338.29	-176.63	5485.75	5376.11	-480.95	-536.65	40.80	387.71	55.18	7.06	PASS
5517.00†	5494.20	-348.71	-182.06	5592.45	5482.73	-482.17	-540.56	42.07	382.70	56.41	6.81	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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
5617.00†	5593.51	-359.12	-187.50	5691.59	5581.82	-482.63	-543.62	43.36	377.11	57.67	6.57	PASS
5717.00†	5692.82	-369.54	-192.94	5792.01	5682.19	-483.31	-546.55	44.66	371.62	58.93	6.33	PASS
5817.00†	5792.13	-379.95	-198.37	5892.84	5782.99	-483.97	-549.18	45.99	366.01	60.21	6.10	PASS
5862.74	5837.55	-384.71	-200.86	5941.86	5832.00	-483.71	-550.32	46.74	363.25	60.79	6.00	PASS
5917.00†	5891.09	-392.91	-203.80	6011.25	5901.14	-478.70	-551.56	61.72	358.33	61.60	5.84	PASS
6017.00†	5986.75	-421.11	-209.09	6125.05	6009.59	-445.44	-550.15	80.09	342.70	64.42	5.34	PASS
6117.00†	6076.06	-465.52	-214.07	6187.34	6065.18	-417.49	-547.71	91.54	337.26	68.68	4.93	PASS
6217.00†	6156.32	-524.79	-218.61	6222.18	6095.17	-399.82	-546.27	96.32	355.97	72.02	4.96	PASS
6317.00†	6225.08	-597.12	-222.55	6238.04	6108.56	-391.35	-545.59	94.75	400.34	73.34	5.48	PASS
6417.00†	6280.25	-680.31	-225.78	6238.76	6109.17	-390.96	-545.56	87.03	463.95	73.34	6.35	PASS
6517.00†	6320.15	-771.83	-228.21	6228.00	6100.11	-396.74	-546.02	74.33	538.63	73.06	7.40	PASS
6617.00†	6343.58	-868.91	-229.75	6208.60	6083.58	-406.87	-546.83	59.64	617.76	73.04	8.49	PASS
6702.88	6350.00	-954.47	-230.33	6187.26	6065.11	-417.52	-547.72	48.22	685.71	73.35	9.38	PASS
6717.00†	6350.00	-968.58	-230.37	6183.46	6061.79	-419.37	-547.88	47.90	696.79	73.40	9.53	PASS
6817.00†	6350.00	-1068.58	-230.65	6158.57	6039.83	-431.04	-548.92	45.90	777.15	73.77	10.57	PASS
6917.00†	6350.00	-1168.58	-230.92	6137.85	6021.24	-440.13	-549.72	44.30	860.44	74.11	11.65	PASS
7017.00†	6350.00	-1268.58	-231.20	6119.70	6004.70	-447.59	-550.32	42.95	946.10	74.40	12.76	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	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	23.10	105.49	22.37	104.94
9.625in Casing Surface	17.00	467.00	450.00	17.00	466.98	23.10	105.49	22.39	104.79
8.75in Open Hole	467.00	6865.00	6398.00	466.98	6387.07	22.39	104.79	53.82	-109.42
7in Casing Intermediate	17.00	6859.00	6842.00	17.00	6386.98	23.10	105.49	51.99	-109.42
6.125in Open Hole	6859.00	10965.00	4106.00	6386.98	6399.47	51.99	-109.42	1302.68	-95.22

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

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

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

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



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: NORTH PLATTE F-35-2XRLNC PWB Offset Wellpath: NORTH PLATTE F-35-2XRLNC (REV-A.0) PWP												
Facility: SEC.26-T5N-R63W Slot: SLOT#22 NORTH PLATTE F-35-2XRLNC (WELL 4, STATE NORTH PLATTE I-26 PAD) Well: NORTH PLATTE F-35-2XRLNC Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	22.00	17.00	933.02	-1065.87	-48.80	1416.54	1.42	2300.22	PASS
117.00†	117.00	0.00	0.00	122.00	117.00	933.02	-1065.87	-48.80	1416.54	2.05	1138.29	PASS
217.00†	217.00	0.00	0.00	222.00	217.00	933.02	-1065.87	-48.80	1416.54	3.03	636.37	PASS
317.00†	317.00	0.00	0.00	322.00	317.00	933.02	-1065.87	-48.80	1416.54	4.05	435.94	PASS
417.00†	417.00	0.00	0.00	422.00	417.00	933.02	-1065.87	-48.80	1416.54	5.08	330.61	PASS
517.00†	517.00	0.00	0.00	522.00	517.00	933.02	-1065.87	-48.80	1416.54	6.12	266.03	PASS
617.00†	617.00	0.00	0.00	622.00	617.00	933.02	-1065.87	-48.80	1416.54	7.17	222.46	PASS
717.00†	717.00	0.00	0.00	722.00	717.00	933.02	-1065.87	-48.80	1416.54	8.21	191.12	PASS
817.00†	817.00	0.00	0.00	822.00	817.00	933.02	-1065.87	-48.80	1416.54	9.25	167.51	PASS
917.00†	917.00	0.00	0.00	922.00	917.00	933.02	-1065.87	-48.80	1416.54	10.28	149.42	PASS
1017.00†	1017.00	0.00	0.00	1022.00	1017.00	933.02	-1065.87	-48.80	1416.54	11.34	134.29	PASS
1117.00†	1117.00	0.00	0.00	1122.00	1117.00	933.02	-1065.87	-48.80	1416.54	12.39	122.17	PASS
1217.00†	1217.00	0.00	0.00	1222.00	1217.00	933.02	-1065.87	-48.80	1416.54	13.44	112.06	PASS
1317.00†	1317.00	0.00	0.00	1322.00	1317.00	933.02	-1065.87	-48.80	1416.54	14.48	103.49	PASS
1417.00†	1417.00	0.00	0.00	1422.00	1417.00	933.02	-1065.87	-48.80	1416.54	15.53	96.13	PASS
1517.00†	1517.00	0.00	0.00	1522.00	1517.00	933.02	-1065.87	-48.80	1416.54	16.56	89.83	PASS
1617.00†	1617.00	0.00	0.00	1622.00	1617.00	933.02	-1065.87	-48.80	1416.54	16.28	87.03	PASS
1717.00†	1717.00	0.00	0.00	1722.00	1717.00	933.02	-1065.87	-48.80	1416.54	16.34	86.71	PASS
1817.00†	1817.00	0.00	0.00	1822.00	1817.00	933.02	-1065.87	-48.80	1416.54	16.46	86.05	PASS
1917.00†	1917.00	0.00	0.00	1922.00	1917.00	933.02	-1065.87	-48.80	1416.54	16.65	85.06	PASS
2000.00	2000.00	0.00	0.00	2006.97	2001.97	933.01	-1065.87	-48.80	1416.54	16.86	84.01	PASS
2017.00†	2017.00	-0.04	-0.02	2030.66	2025.66	932.86	-1065.88	103.63	1416.49	16.92	83.71	PASS
2117.00†	2116.97	-2.12	-1.11	2169.98	2164.89	928.01	-1066.42	103.62	1415.04	17.35	81.55	PASS
2217.00†	2216.79	-7.28	-3.80	2309.09	2303.49	916.46	-1067.71	103.62	1411.64	17.90	78.85	PASS
2317.00†	2316.35	-15.53	-8.11	2447.81	2440.99	898.31	-1069.73	103.62	1406.30	18.55	75.82	PASS
2337.33	2336.55	-17.58	-9.18	2475.95	2468.76	893.82	-1070.23	103.62	1404.97	18.70	75.11	PASS
2417.00†	2415.67	-25.88	-13.51	2585.90	2576.82	873.68	-1072.47	103.45	1398.77	19.30	72.47	PASS
2517.00†	2514.98	-36.30	-18.95	2722.73	2710.09	842.89	-1075.89	103.03	1388.59	20.17	68.84	PASS
2617.00†	2614.28	-46.71	-24.39	2857.72	2839.96	806.36	-1079.96	102.39	1375.82	21.19	64.93	PASS
2717.00†	2713.59	-57.12	-29.82	2990.31	2965.71	764.59	-1084.60	101.52	1360.64	22.40	60.74	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: NORTH PLATTE F-35-2XRLNC PWB Offset Wellpath: NORTH PLATTE F-35-2XRLNC (REV-A.0) PWP													
Facility: SEC.26-T5N-R63W		Slot: SLOT#22 NORTH PLATTE F-35-2XRLNC (WELL 4, STATE NORTH PLATTE I-26 PAD)				Well: NORTH PLATTE F-35-2XRLNC			Threshold Value=1.00 † = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
2817.00†	2812.90	-67.54	-35.26	3097.56	3066.18	727.33	-1088.75	100.67	1343.80	23.49	57.22	PASS	
2917.00†	2912.21	-77.95	-40.70	3194.36	3156.80	693.47	-1092.52	99.87	1327.11	24.65	53.84	PASS	
3017.00†	3011.51	-88.36	-46.14	3291.17	3247.41	659.60	-1096.29	99.05	1310.69	25.89	50.63	PASS	
3117.00†	3110.82	-98.78	-51.57	3387.98	3338.02	625.73	-1100.05	98.22	1294.55	27.19	47.61	PASS	
3217.00†	3210.13	-109.19	-57.01	3484.78	3428.63	591.87	-1103.82	97.36	1278.69	28.55	44.79	PASS	
3317.00†	3309.44	-119.61	-62.45	3581.59	3519.24	558.00	-1107.59	96.48	1263.13	29.96	42.16	PASS	
3417.00†	3408.74	-130.02	-67.88	3678.40	3609.85	524.13	-1111.36	95.58	1247.88	31.42	39.72	PASS	
3517.00†	3508.05	-140.43	-73.32	3775.20	3700.46	490.26	-1115.13	94.66	1232.95	32.92	37.45	PASS	
3617.00†	3607.36	-150.85	-78.76	3872.01	3791.07	456.40	-1118.89	93.71	1218.35	34.46	35.36	PASS	
3717.00†	3706.67	-161.26	-84.20	3968.82	3881.68	422.53	-1122.66	92.75	1204.10	36.03	33.42	PASS	
3817.00†	3805.98	-171.67	-89.63	4065.62	3972.29	388.66	-1126.43	91.76	1190.21	37.64	31.62	PASS	
3917.00†	3905.28	-182.09	-95.07	4162.43	4062.90	354.80	-1130.20	90.76	1176.68	39.27	29.96	PASS	
4017.00†	4004.59	-192.50	-100.51	4259.24	4153.52	320.93	-1133.97	89.73	1163.54	40.93	28.43	PASS	
4117.00†	4103.90	-202.92	-105.94	4356.04	4244.13	287.06	-1137.74	88.67	1150.80	42.62	27.00	PASS	
4217.00†	4203.21	-213.33	-111.38	4452.85	4334.74	253.19	-1141.50	87.60	1138.46	44.32	25.69	PASS	
4317.00†	4302.51	-223.74	-116.82	4549.66	4425.35	219.33	-1145.27	86.50	1126.55	46.04	24.47	PASS	
4417.00†	4401.82	-234.16	-122.26	4646.46	4515.96	185.46	-1149.04	85.39	1115.07	47.78	23.34	PASS	
4517.00†	4501.13	-244.57	-127.69	4743.27	4606.57	151.59	-1152.81	84.25	1104.05	49.53	22.29	PASS	
4617.00†	4600.44	-254.98	-133.13	4840.08	4697.18	117.73	-1156.58	83.09	1093.49	51.29	21.32	PASS	
4717.00†	4699.74	-265.40	-138.57	4936.88	4787.79	83.86	-1160.34	81.90	1083.40	53.06	20.42	PASS	
4817.00†	4799.05	-275.81	-144.00	5033.69	4878.40	49.99	-1164.11	80.70	1073.81	54.84	19.58	PASS	
4917.00†	4898.36	-286.23	-149.44	5130.49	4969.01	16.12	-1167.88	79.48	1064.72	56.62	18.80	PASS	
5017.00†	4997.67	-296.64	-154.88	5227.30	5059.62	-17.74	-1171.65	78.24	1056.15	58.40	18.08	PASS	
5117.00†	5096.97	-307.05	-160.31	5324.11	5150.24	-51.61	-1175.42	76.98	1048.10	60.18	17.42	PASS	
5217.00†	5196.28	-317.47	-165.75	5420.91	5240.85	-85.48	-1179.18	75.70	1040.60	61.96	16.79	PASS	
5317.00†	5295.59	-327.88	-171.19	5517.72	5331.46	-119.34	-1182.95	74.41	1033.65	63.73	16.22	PASS	
5417.00†	5394.90	-338.29	-176.63	5614.53	5422.07	-153.21	-1186.72	73.10	1027.27	65.49	15.69	PASS	
5517.00†	5494.20	-348.71	-182.06	5711.33	5512.68	-187.08	-1190.49	71.77	1021.46	67.23	15.19	PASS	
5617.00†	5593.51	-359.12	-187.50	5808.14	5603.29	-220.95	-1194.26	70.43	1016.24	68.97	14.74	PASS	
5717.00†	5692.82	-369.54	-192.94	5904.95	5693.90	-254.81	-1198.02	69.08	1011.61	70.68	14.31	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

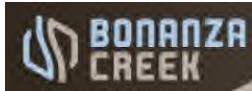
NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: NORTH PLATTE F-35-2XRLNC PWB Offset Wellpath: NORTH PLATTE F-35-2XRLNC (REV-A.0) PWP												
Facility: SEC.26-T5N-R63W		Slot: SLOT#22 NORTH PLATTE F-35-2XRLNC (WELL 4, STATE NORTH PLATTE I-26 PAD)				Well: NORTH PLATTE F-35-2XRLNC			Threshold Value=1.00 † = interpolated/extrapolated station			
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5817.00†	5792.13	-379.95	-198.37	6001.75	5784.51	-288.68	-1201.79	67.72	1007.59	72.38	13.92	PASS
5862.74	5837.55	-384.71	-200.86	6046.04	5825.96	-304.17	-1203.52	67.09	1005.95	73.14	13.75	PASS
5917.00†	5891.09	-392.91	-203.80	6099.13	5875.65	-322.75	-1205.58	78.83	1004.36	74.10	13.55	PASS
6017.00†	5986.75	-421.11	-209.09	6198.74	5968.89	-357.59	-1209.46	85.52	1002.55	76.13	13.17	PASS
6117.00†	6076.06	-465.52	-214.07	6309.73	6070.69	-401.32	-1213.64	88.50	1001.64	78.74	12.72	PASS
6217.00†	6156.32	-524.79	-218.61	6427.33	6167.75	-467.26	-1217.38	90.14	1000.50	82.16	12.18	PASS
6317.00†	6225.08	-597.12	-222.55	6545.59	6249.76	-552.12	-1220.26	91.07	999.03	86.35	11.57	PASS
6417.00†	6280.25	-680.31	-225.78	6663.61	6312.55	-651.79	-1222.13	91.53	997.28	91.18	10.94	PASS
6517.00†	6320.15	-771.83	-228.21	6780.54	6353.39	-761.13	-1222.91	91.63	995.31	96.48	10.32	PASS
6617.00†	6343.58	-868.91	-229.75	6895.62	6371.14	-874.64	-1222.60	91.43	993.25	102.06	9.73	PASS
6702.88	6350.00	-954.47	-230.33	6985.16	6372.00	-964.17	-1221.76	91.27	991.72	106.76	9.29	PASS
6717.00†	6350.00	-968.58	-230.37	6999.28	6372.00	-978.28	-1221.63	91.27	991.54	107.51	9.22	PASS
6817.00†	6350.00	-1068.58	-230.65	7099.27	6372.00	-1078.27	-1220.65	91.27	990.29	112.94	8.77	PASS
6917.00†	6350.00	-1168.58	-230.92	7199.26	6372.00	-1178.26	-1219.67	91.28	989.04	118.56	8.34	PASS
7017.00†	6350.00	-1268.58	-231.20	7299.26	6372.00	-1278.24	-1218.69	91.28	987.79	124.26	7.95	PASS
7117.00†	6350.00	-1368.58	-231.47	7399.25	6372.00	-1378.23	-1217.71	91.28	986.54	130.03	7.59	PASS
7217.00†	6350.00	-1468.58	-231.74	7499.24	6372.00	-1478.22	-1216.73	91.28	985.28	135.86	7.25	PASS
7317.00†	6350.00	-1568.58	-232.02	7599.23	6372.00	-1578.21	-1215.76	91.28	984.03	141.74	6.94	PASS
7417.00†	6350.00	-1668.58	-232.29	7699.23	6372.00	-1678.19	-1214.78	91.28	982.78	147.67	6.66	PASS
7517.00†	6350.00	-1768.58	-232.57	7799.22	6372.00	-1778.18	-1213.80	91.28	981.53	153.63	6.39	PASS
7617.00†	6350.00	-1868.58	-232.84	7899.21	6372.00	-1878.17	-1212.82	91.29	980.27	159.63	6.14	PASS
7717.00†	6350.00	-1968.58	-233.12	7999.20	6372.00	-1978.16	-1211.84	91.29	979.02	165.66	5.91	PASS
7817.00†	6350.00	-2068.58	-233.39	8099.19	6372.00	-2078.14	-1210.87	91.29	977.77	171.70	5.69	PASS
7917.00†	6350.00	-2168.58	-233.66	8199.19	6372.00	-2178.13	-1209.89	91.29	976.52	177.78	5.49	PASS
8017.00†	6350.00	-2268.58	-233.94	8299.18	6372.00	-2278.12	-1208.91	91.29	975.27	183.87	5.30	PASS
8117.00†	6350.00	-2368.58	-234.21	8399.17	6372.00	-2378.11	-1207.93	91.29	974.01	189.99	5.13	PASS
8217.00†	6350.00	-2468.58	-234.49	8499.16	6372.00	-2478.09	-1206.95	91.30	972.76	196.12	4.96	PASS
8317.00†	6350.00	-2568.58	-234.76	8599.16	6372.00	-2578.08	-1205.98	91.30	971.51	202.26	4.80	PASS
8417.00†	6350.00	-2668.58	-235.04	8699.15	6372.00	-2678.07	-1205.00	91.30	970.26	208.42	4.66	PASS
8517.00†	6350.00	-2768.58	-235.31	8799.14	6372.00	-2778.05	-1204.02	91.30	969.00	214.60	4.52	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: NORTH PLATTE F-35-2XRLNC PWB Offset Wellpath: NORTH PLATTE F-35-2XRLNC (REV-A.0) PWP													
Facility: SEC.26-T5N-R63W		Slot: SLOT#22 NORTH PLATTE F-35-2XRLNC (WELL 4, STATE NORTH PLATTE I-26 PAD)				Well: NORTH PLATTE F-35-2XRLNC				Threshold Value=1.00 † = interpolated/extrapolated station			
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
8617.00†	6350.00	-2868.58	-235.58	8899.13	6372.00	-2878.04	-1203.04	91.30	967.75	220.78	4.38	PASS	
8717.00†	6350.00	-2968.58	-235.86	8999.12	6372.00	-2978.03	-1202.06	91.30	966.50	226.97	4.26	PASS	
8817.00†	6350.00	-3068.58	-236.13	9099.12	6372.00	-3078.02	-1201.08	91.31	965.25	233.17	4.14	PASS	
8917.00†	6350.00	-3168.58	-236.41	9199.11	6372.00	-3178.00	-1200.11	91.31	964.00	239.39	4.03	PASS	
9017.00†	6350.00	-3268.58	-236.68	9299.10	6372.00	-3277.99	-1199.13	91.31	962.74	245.61	3.92	PASS	
9117.00†	6350.00	-3368.58	-236.96	9399.09	6372.00	-3377.98	-1198.15	91.31	961.49	251.83	3.82	PASS	
9217.00†	6350.00	-3468.58	-237.23	9499.08	6372.00	-3477.97	-1197.17	91.31	960.24	258.07	3.72	PASS	
9317.00†	6350.00	-3568.58	-237.51	9599.08	6372.00	-3577.95	-1196.19	91.32	958.99	264.31	3.63	PASS	
9417.00†	6350.00	-3668.57	-237.78	9699.07	6372.00	-3677.94	-1195.22	91.32	957.73	270.55	3.54	PASS	
9517.00†	6350.00	-3768.57	-238.05	9799.06	6372.00	-3777.93	-1194.24	91.32	956.48	276.80	3.46	PASS	
9617.00†	6350.00	-3868.57	-238.33	9899.05	6372.00	-3877.92	-1193.26	91.32	955.23	283.06	3.37	PASS	
9717.00†	6350.00	-3968.57	-238.60	9999.05	6372.00	-3977.90	-1192.28	91.32	953.98	289.32	3.30	PASS	
9817.00†	6350.00	-4068.57	-238.88	10099.04	6372.00	-4077.89	-1191.30	91.32	952.73	295.59	3.22	PASS	
9917.00†	6350.00	-4168.57	-239.15	10199.03	6372.00	-4177.88	-1190.32	91.33	951.47	301.86	3.15	PASS	
10017.00†	6350.00	-4268.57	-239.43	10299.02	6372.00	-4277.87	-1189.35	91.33	950.22	308.13	3.08	PASS	
10117.00†	6350.00	-4368.57	-239.70	10399.01	6372.00	-4377.85	-1188.37	91.33	948.97	314.41	3.02	PASS	
10217.00†	6350.00	-4468.57	-239.97	10499.01	6372.00	-4477.84	-1187.39	91.33	947.72	320.69	2.96	PASS	
10317.00†	6350.00	-4568.57	-240.25	10599.00	6372.00	-4577.83	-1186.41	91.33	946.46	326.97	2.89	PASS	
10417.00†	6350.00	-4668.57	-240.52	10698.99	6372.00	-4677.81	-1185.43	91.33	945.21	333.26	2.84	PASS	
10517.00†	6350.00	-4768.57	-240.80	10798.98	6372.00	-4777.80	-1184.46	91.34	943.96	339.54	2.78	PASS	
10617.00†	6350.00	-4868.57	-241.07	10898.97	6372.00	-4877.79	-1183.48	91.34	942.71	345.84	2.73	PASS	
10717.00†	6350.00	-4968.57	-241.35	10998.97	6372.00	-4977.78	-1182.50	91.34	941.46	352.13	2.67	PASS	
10817.00†	6350.00	-5068.57	-241.62	11098.96	6372.00	-5077.76	-1181.52	91.34	940.20	358.43	2.62	PASS	
10917.00†	6350.00	-5168.57	-241.89	11198.95	6372.00	-5177.75	-1180.54	91.34	938.95	364.73	2.57	PASS	
11017.00†	6350.00	-5268.57	-242.17	11298.94	6372.00	-5277.74	-1179.56	91.34	937.70	371.03	2.53	PASS	
11117.00†	6350.00	-5368.57	-242.44	11398.94	6372.00	-5377.73	-1178.59	91.35	936.45	377.33	2.48	PASS	
11217.00†	6350.00	-5468.57	-242.72	11498.93	6372.00	-5477.71	-1177.61	91.35	935.19	383.64	2.44	PASS	
11317.00†	6350.00	-5568.57	-242.99	11598.92	6372.00	-5577.70	-1176.63	91.35	933.94	389.94	2.40	PASS	
11417.00†	6350.00	-5668.57	-243.27	11698.91	6372.00	-5677.69	-1175.65	91.35	932.69	396.25	2.35	PASS	
11487.78	6350.00	-5739.35	-243.46	11769.69	6372.00	-5748.46	-1174.96	91.35	931.80	400.71	2.33	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

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

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

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

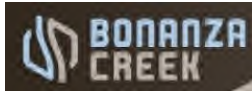
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	17.00	1550.00	1533.00	12.00	1545.00	568.78	-649.74	568.78	-649.74

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

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

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

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



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: LATHAM 34-31-2HNB AWP 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	-6178.62	21.03	179.81	8820.61	70.17	126.88	PASS
117.00†	117.00	0.00	0.00	10878.00	6312.02	-6178.62	21.03	179.81	8749.52	70.39	125.47	PASS
217.00†	217.00	0.00	0.00	10878.00	6312.02	-6178.62	21.03	179.81	8679.00	70.45	124.34	PASS
317.00†	317.00	0.00	0.00	10878.00	6312.02	-6178.62	21.03	179.81	8609.07	70.53	123.21	PASS
417.00†	417.00	0.00	0.00	10878.00	6312.02	-6178.62	21.03	179.81	8539.74	70.61	122.07	PASS
517.00†	517.00	0.00	0.00	10878.00	6312.02	-6178.62	21.03	179.81	8471.01	70.70	120.93	PASS
617.00†	617.00	0.00	0.00	10878.00	6312.02	-6178.62	21.03	179.81	8402.92	70.80	119.79	PASS
717.00†	717.00	0.00	0.00	10878.00	6312.02	-6178.62	21.03	179.81	8335.47	70.91	118.64	PASS
817.00†	817.00	0.00	0.00	10878.00	6312.02	-6178.62	21.03	179.81	8268.68	71.02	117.50	PASS
917.00†	917.00	0.00	0.00	10878.00	6312.02	-6178.62	21.03	179.81	8202.56	71.15	116.35	PASS
1017.00†	1017.00	0.00	0.00	10878.00	6312.02	-6178.62	21.03	179.81	8137.14	71.29	115.20	PASS
1117.00†	1117.00	0.00	0.00	10878.00	6312.02	-6178.62	21.03	179.81	8072.43	71.43	114.05	PASS
1217.00†	1217.00	0.00	0.00	10878.00	6312.02	-6178.62	21.03	179.81	8008.44	71.59	112.90	PASS
1317.00†	1317.00	0.00	0.00	10878.00	6312.02	-6178.62	21.03	179.81	7945.19	71.75	111.75	PASS
1417.00†	1417.00	0.00	0.00	10878.00	6312.02	-6178.62	21.03	179.81	7882.71	71.92	110.60	PASS
1517.00†	1517.00	0.00	0.00	10878.00	6312.02	-6178.62	21.03	179.81	7821.00	72.10	109.46	PASS
1617.00†	1617.00	0.00	0.00	10878.00	6312.02	-6178.62	21.03	179.81	7760.09	71.83	108.42	PASS
1717.00†	1717.00	0.00	0.00	10878.00	6312.02	-6178.62	21.03	179.81	7700.00	71.90	107.47	PASS
1817.00†	1817.00	0.00	0.00	10878.00	6312.02	-6178.62	21.03	179.81	7640.75	71.98	106.52	PASS
1917.00†	1917.00	0.00	0.00	10878.00	6312.02	-6178.62	21.03	179.81	7582.35	72.07	105.57	PASS
2000.00	2000.00	0.00	0.00	10878.00	6312.02	-6178.62	21.03	179.81	7534.54	72.15	104.79	PASS
2017.00†	2017.00	-0.04	-0.02	10878.00	6312.02	-6178.62	21.03	-27.88	7524.79	72.17	104.63	PASS
2117.00†	2116.97	-2.12	-1.11	10878.00	6312.02	-6178.62	21.03	-28.55	7466.47	72.29	103.65	PASS
2217.00†	2216.79	-7.28	-3.80	10878.00	6312.02	-6178.62	21.03	-29.28	7406.55	72.45	102.59	PASS
2317.00†	2316.35	-15.53	-8.11	10878.00	6312.02	-6178.62	21.03	-30.05	7345.06	72.62	101.50	PASS
2337.33	2336.55	-17.58	-9.18	10878.00	6312.02	-6178.62	21.03	-30.21	7332.37	72.65	101.28	PASS
2417.00†	2415.67	-25.88	-13.51	10878.00	6312.02	-6178.62	21.03	-30.21	7282.79	72.77	100.43	PASS
2517.00†	2514.98	-36.30	-18.95	10878.00	6312.02	-6178.62	21.03	-30.21	7221.31	72.91	99.38	PASS
2617.00†	2614.28	-46.71	-24.39	10878.00	6312.02	-6178.62	21.03	-30.21	7160.70	73.07	98.33	PASS
2717.00†	2713.59	-57.12	-29.82	10878.00	6312.02	-6178.62	21.03	-30.21	7100.99	73.24	97.29	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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
2817.00†	2812.90	-67.54	-35.26	10878.00	6312.02	-6178.62	21.03	-30.21	7042.19	73.42	96.25	PASS
2917.00†	2912.21	-77.95	-40.70	10878.00	6312.02	-6178.62	21.03	-30.21	6984.32	73.61	95.21	PASS
3017.00†	3011.51	-88.36	-46.14	10878.00	6312.02	-6178.62	21.03	-30.21	6927.42	73.81	94.18	PASS
3117.00†	3110.82	-98.78	-51.57	10878.00	6312.02	-6178.62	21.03	-30.21	6871.50	74.02	93.15	PASS
3217.00†	3210.13	-109.19	-57.01	10878.00	6312.02	-6178.62	21.03	-30.21	6816.58	74.24	92.13	PASS
3317.00†	3309.44	-119.61	-62.45	10878.00	6312.02	-6178.62	21.03	-30.21	6762.70	74.47	91.12	PASS
3417.00†	3408.74	-130.02	-67.88	10878.00	6312.02	-6178.62	21.03	-30.21	6709.88	74.71	90.11	PASS
3517.00†	3508.05	-140.43	-73.32	10878.00	6312.02	-6178.62	21.03	-30.21	6658.14	74.96	89.12	PASS
3617.00†	3607.36	-150.85	-78.76	10878.00	6312.02	-6178.62	21.03	-30.21	6607.51	75.23	88.13	PASS
3717.00†	3706.67	-161.26	-84.20	10878.00	6312.02	-6178.62	21.03	-30.21	6558.02	75.50	87.15	PASS
3817.00†	3805.98	-171.67	-89.63	10878.00	6312.02	-6178.62	21.03	-30.21	6509.68	75.78	86.19	PASS
3917.00†	3905.28	-182.09	-95.07	10878.00	6312.02	-6178.62	21.03	-30.21	6462.53	76.07	85.23	PASS
4017.00†	4004.59	-192.50	-100.51	10878.00	6312.02	-6178.62	21.03	-30.21	6416.59	76.38	84.29	PASS
4117.00†	4103.90	-202.92	-105.94	10878.00	6312.02	-6178.62	21.03	-30.21	6371.89	76.69	83.36	PASS
4217.00†	4203.21	-213.33	-111.38	10878.00	6312.02	-6178.62	21.03	-30.21	6328.46	77.01	82.45	PASS
4317.00†	4302.51	-223.74	-116.82	10878.00	6312.02	-6178.62	21.03	-30.21	6286.31	77.34	81.54	PASS
4417.00†	4401.82	-234.16	-122.26	10878.00	6312.02	-6178.62	21.03	-30.21	6245.48	77.68	80.66	PASS
4517.00†	4501.13	-244.57	-127.69	10878.00	6312.02	-6178.62	21.03	-30.21	6206.00	78.04	79.79	PASS
4617.00†	4600.44	-254.98	-133.13	10878.00	6312.02	-6178.62	21.03	-30.21	6167.88	78.39	78.93	PASS
4717.00†	4699.74	-265.40	-138.57	10878.00	6312.02	-6178.62	21.03	-30.21	6131.16	78.76	78.09	PASS
4817.00†	4799.05	-275.81	-144.00	10878.00	6312.02	-6178.62	21.03	-30.21	6095.86	79.14	77.27	PASS
4917.00†	4898.36	-286.23	-149.44	10878.00	6312.02	-6178.62	21.03	-30.21	6062.00	79.52	76.47	PASS
5017.00†	4997.67	-296.64	-154.88	10878.00	6312.02	-6178.62	21.03	-30.21	6029.61	79.91	75.69	PASS
5117.00†	5096.97	-307.05	-160.31	10878.00	6312.02	-6178.62	21.03	-30.21	5998.71	80.31	74.93	PASS
5217.00†	5196.28	-317.47	-165.75	10878.00	6312.02	-6178.62	21.03	-30.21	5969.33	80.72	74.18	PASS
5317.00†	5295.59	-327.88	-171.19	10878.00	6312.02	-6178.62	21.03	-30.21	5941.49	81.13	73.46	PASS
5417.00†	5394.90	-338.29	-176.63	10878.00	6312.02	-6178.62	21.03	-30.21	5915.20	81.55	72.76	PASS
5517.00†	5494.20	-348.71	-182.06	10878.00	6312.02	-6178.62	21.03	-30.21	5890.50	81.98	72.08	PASS
5617.00†	5593.51	-359.12	-187.50	10878.00	6312.02	-6178.62	21.03	-30.21	5867.39	82.41	71.42	PASS
5717.00†	5692.82	-369.54	-192.94	10878.00	6312.02	-6178.62	21.03	-30.21	5845.91	82.84	70.78	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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
5817.00†	5792.13	-379.95	-198.37	10878.00	6312.02	-6178.62	21.03	-30.21	5826.06	83.28	70.17	PASS
5862.74	5837.55	-384.71	-200.86	10878.00	6312.02	-6178.62	21.03	-30.21	5817.54	83.48	69.90	PASS
5917.00†	5891.09	-392.91	-203.80	10878.00	6312.02	-6178.62	21.03	-18.09	5805.36	83.75	69.52	PASS
6017.00†	5986.75	-421.11	-209.09	10878.00	6312.02	-6178.62	21.03	-11.36	5771.28	84.61	68.41	PASS
6117.00†	6076.06	-465.52	-214.07	10878.00	6312.02	-6178.62	21.03	-9.13	5722.80	85.93	66.80	PASS
6217.00†	6156.32	-524.79	-218.61	10878.00	6312.02	-6178.62	21.03	-8.34	5661.05	87.05	65.22	PASS
6317.00†	6225.08	-597.12	-222.55	10878.00	6312.02	-6178.62	21.03	-8.38	5587.49	87.96	63.71	PASS
6417.00†	6280.25	-680.31	-225.78	10878.00	6312.02	-6178.62	21.03	-9.30	5503.94	88.65	62.26	PASS
6517.00†	6320.15	-771.83	-228.21	10878.00	6312.02	-6178.62	21.03	-11.87	5412.54	89.14	60.89	PASS
6617.00†	6343.58	-868.91	-229.75	10878.00	6312.02	-6178.62	21.03	-20.59	5315.73	89.43	59.61	PASS
6702.88	6350.00	-954.47	-230.33	10878.00	6312.02	-6178.62	21.03	-81.86	5230.34	89.57	58.56	PASS
6717.00†	6350.00	-968.58	-230.37	10878.00	6312.02	-6178.62	21.03	-81.86	5216.24	89.58	58.39	PASS
6817.00†	6350.00	-1068.58	-230.65	10878.00	6312.02	-6178.62	21.03	-81.86	5116.37	89.68	57.21	PASS
6917.00†	6350.00	-1168.58	-230.92	10878.00	6312.02	-6178.62	21.03	-81.86	5016.51	89.79	56.03	PASS
7017.00†	6350.00	-1268.58	-231.20	10878.00	6312.02	-6178.62	21.03	-81.86	4916.66	89.90	54.84	PASS
7117.00†	6350.00	-1368.58	-231.47	10878.00	6312.02	-6178.62	21.03	-81.86	4816.81	90.02	53.66	PASS
7217.00†	6350.00	-1468.58	-231.74	10878.00	6312.02	-6178.62	21.03	-81.86	4716.97	90.15	52.47	PASS
7317.00†	6350.00	-1568.58	-232.02	10878.00	6312.02	-6178.62	21.03	-81.86	4617.14	90.29	51.28	PASS
7417.00†	6350.00	-1668.58	-232.29	10878.00	6312.02	-6178.62	21.03	-81.86	4517.31	90.43	50.09	PASS
7517.00†	6350.00	-1768.58	-232.57	10878.00	6312.02	-6178.62	21.03	-81.86	4417.49	90.58	48.90	PASS
7617.00†	6350.00	-1868.58	-232.84	10878.00	6312.02	-6178.62	21.03	-81.86	4317.68	90.74	47.71	PASS
7717.00†	6350.00	-1968.58	-233.12	10878.00	6312.02	-6178.62	21.03	-81.86	4217.88	90.91	46.52	PASS
7817.00†	6350.00	-2068.58	-233.39	10878.00	6312.02	-6178.62	21.03	-81.86	4118.08	91.10	45.33	PASS
7917.00†	6350.00	-2168.58	-233.66	10878.00	6312.02	-6178.62	21.03	-81.86	4018.30	91.29	44.14	PASS
8017.00†	6350.00	-2268.58	-233.94	10878.00	6312.02	-6178.62	21.03	-81.86	3918.53	91.50	42.94	PASS
8117.00†	6350.00	-2368.58	-234.21	10878.00	6312.02	-6178.62	21.03	-81.86	3818.77	91.72	41.75	PASS
8217.00†	6350.00	-2468.58	-234.49	10878.00	6312.02	-6178.62	21.03	-81.86	3719.03	91.96	40.55	PASS
8317.00†	6350.00	-2568.58	-234.76	10878.00	6312.02	-6178.62	21.03	-81.86	3619.29	92.21	39.36	PASS
8417.00†	6350.00	-2668.58	-235.04	10878.00	6312.02	-6178.62	21.03	-81.86	3519.58	92.48	38.16	PASS
8517.00†	6350.00	-2768.58	-235.31	10878.00	6312.02	-6178.62	21.03	-81.86	3419.88	92.78	36.96	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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
8617.00†	6350.00	-2868.58	-235.58	10878.00	6312.02	-6178.62	21.03	-81.86	3320.19	93.09	35.76	PASS
8717.00†	6350.00	-2968.58	-235.86	10878.00	6312.02	-6178.62	21.03	-81.86	3220.53	93.44	34.56	PASS
8817.00†	6350.00	-3068.58	-236.13	10878.00	6312.02	-6178.62	21.03	-81.86	3120.89	93.80	33.36	PASS
8917.00†	6350.00	-3168.58	-236.41	10878.00	6312.02	-6178.62	21.03	-81.86	3021.27	94.21	32.16	PASS
9017.00†	6350.00	-3268.58	-236.68	10878.00	6312.02	-6178.62	21.03	-81.86	2921.68	94.64	30.95	PASS
9117.00†	6350.00	-3368.58	-236.96	10878.00	6312.02	-6178.62	21.03	-81.86	2822.12	95.12	29.75	PASS
9217.00†	6350.00	-3468.58	-237.23	10878.00	6312.02	-6178.62	21.03	-81.86	2722.59	95.64	28.54	PASS
9317.00†	6350.00	-3568.58	-237.51	10878.00	6312.02	-6178.62	21.03	-81.86	2623.09	96.21	27.33	PASS
9417.00†	6350.00	-3668.57	-237.78	10878.00	6312.02	-6178.62	21.03	-81.86	2523.64	96.84	26.13	PASS
9517.00†	6350.00	-3768.57	-238.05	10878.00	6312.02	-6178.62	21.03	-81.86	2424.23	97.54	24.92	PASS
9617.00†	6350.00	-3868.57	-238.33	10878.00	6312.02	-6178.62	21.03	-81.86	2324.87	98.31	23.71	PASS
9717.00†	6350.00	-3968.57	-238.60	10878.00	6312.02	-6178.62	21.03	-81.86	2225.57	99.18	22.50	PASS
9817.00†	6350.00	-4068.57	-238.88	10878.00	6312.02	-6178.62	21.03	-81.86	2126.33	100.15	21.28	PASS
9917.00†	6350.00	-4168.57	-239.15	10878.00	6312.02	-6178.62	21.03	-81.86	2027.17	101.24	20.07	PASS
10017.00†	6350.00	-4268.57	-239.43	10878.00	6312.02	-6178.62	21.03	-81.86	1928.10	102.48	18.86	PASS
10117.00†	6350.00	-4368.57	-239.70	10878.00	6312.02	-6178.62	21.03	-81.86	1829.13	103.89	17.65	PASS
10217.00†	6350.00	-4468.57	-239.97	10878.00	6312.02	-6178.62	21.03	-81.86	1730.27	105.51	16.44	PASS
10317.00†	6350.00	-4568.57	-240.25	10878.00	6312.02	-6178.62	21.03	-81.86	1631.56	107.38	15.23	PASS
10417.00†	6350.00	-4668.57	-240.52	10878.00	6312.02	-6178.62	21.03	-81.86	1533.01	109.56	14.02	PASS
10517.00†	6350.00	-4768.57	-240.80	10878.00	6312.02	-6178.62	21.03	-81.86	1434.66	112.11	12.82	PASS
10617.00†	6350.00	-4868.57	-241.07	10878.00	6312.02	-6178.62	21.03	-81.86	1336.55	115.14	11.63	PASS
10717.00†	6350.00	-4968.57	-241.35	10878.00	6312.02	-6178.62	21.03	-81.86	1238.75	118.77	10.45	PASS
10817.00†	6350.00	-5068.57	-241.62	10878.00	6312.02	-6178.62	21.03	-81.86	1141.33	123.16	9.28	PASS
10917.00†	6350.00	-5168.57	-241.89	10878.00	6312.02	-6178.62	21.03	-81.86	1044.40	128.54	8.14	PASS
11017.00†	6350.00	-5268.57	-242.17	10878.00	6312.02	-6178.62	21.03	-81.86	948.11	135.22	7.02	PASS
11117.00†	6350.00	-5368.57	-242.44	10878.00	6312.02	-6178.62	21.03	-81.86	852.67	143.63	5.95	PASS
11217.00†	6350.00	-5468.57	-242.72	10878.00	6312.02	-6178.62	21.03	-81.86	758.41	154.41	4.92	PASS
11317.00†	6350.00	-5568.57	-242.99	10878.00	6312.02	-6178.62	21.03	-81.86	665.82	168.46	3.96	PASS
11417.00†	6350.00	-5668.57	-243.27	10878.00	6312.02	-6178.62	21.03	-81.86	575.72	187.08	3.08	PASS
11487.78	6350.00	-5739.35	-243.46	10878.00	6312.02	-6178.62	21.03	-81.86	514.16	203.97	2.52	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

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

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

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

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	17.00	799.00	782.00	47.00	828.89	-6470.60	-129.02	-6470.22	-132.25
9.625in Casing Surface	17.00	790.00	773.00	47.00	819.89	-6470.60	-129.02	-6470.22	-132.18
8.75in Open Hole	799.00	6680.00	5881.00	828.89	6313.43	-6470.22	-132.25	-6397.72	-52.45
7in Casing Intermediate	17.00	6680.00	6663.00	47.00	6313.43	-6470.60	-129.02	-6397.72	-52.45
6.125in Open Hole	6680.00	10878.00	4198.00	6313.43	6312.02	-6397.72	-52.45	-5118.54	-58.10

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

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

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



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: LATHAM T34-P31-2HC AWP 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	-6178.60	365.45	176.62	8960.75	73.89	122.35	PASS
117.00†	117.00	0.00	0.00	11038.00	6496.68	-6178.60	365.45	176.62	8888.70	74.18	120.88	PASS
217.00†	217.00	0.00	0.00	11038.00	6496.68	-6178.60	365.45	176.62	8817.21	74.31	119.70	PASS
317.00†	317.00	0.00	0.00	11038.00	6496.68	-6178.60	365.45	176.62	8746.27	74.45	118.51	PASS
417.00†	417.00	0.00	0.00	11038.00	6496.68	-6178.60	365.45	176.62	8675.90	74.61	117.31	PASS
517.00†	517.00	0.00	0.00	11038.00	6496.68	-6178.60	365.45	176.62	8606.12	74.77	116.12	PASS
617.00†	617.00	0.00	0.00	11038.00	6496.68	-6178.60	365.45	176.62	8536.94	74.94	114.92	PASS
717.00†	717.00	0.00	0.00	11038.00	6496.68	-6178.60	365.45	176.62	8468.38	75.12	113.72	PASS
817.00†	817.00	0.00	0.00	11038.00	6496.68	-6178.60	365.45	176.62	8400.45	75.30	112.52	PASS
917.00†	917.00	0.00	0.00	11038.00	6496.68	-6178.60	365.45	176.62	8333.16	75.50	111.33	PASS
1017.00†	1017.00	0.00	0.00	11038.00	6496.68	-6178.60	365.45	176.62	8266.54	75.71	110.13	PASS
1117.00†	1117.00	0.00	0.00	11038.00	6496.68	-6178.60	365.45	176.62	8200.59	75.93	108.93	PASS
1217.00†	1217.00	0.00	0.00	11038.00	6496.68	-6178.60	365.45	176.62	8135.34	76.16	107.73	PASS
1317.00†	1317.00	0.00	0.00	11038.00	6496.68	-6178.60	365.45	176.62	8070.80	76.40	106.54	PASS
1417.00†	1417.00	0.00	0.00	11038.00	6496.68	-6178.60	365.45	176.62	8006.99	76.65	105.35	PASS
1517.00†	1517.00	0.00	0.00	11038.00	6496.68	-6178.60	365.45	176.62	7943.92	76.92	104.16	PASS
1617.00†	1617.00	0.00	0.00	11038.00	6496.68	-6178.60	365.45	176.62	7881.62	76.72	103.07	PASS
1717.00†	1717.00	0.00	0.00	11038.00	6496.68	-6178.60	365.45	176.62	7820.11	76.88	102.06	PASS
1817.00†	1817.00	0.00	0.00	11038.00	6496.68	-6178.60	365.45	176.62	7759.39	77.04	101.05	PASS
1917.00†	1917.00	0.00	0.00	11038.00	6496.68	-6178.60	365.45	176.62	7699.49	77.22	100.04	PASS
2000.00	2000.00	0.00	0.00	11038.00	6496.68	-6178.60	365.45	176.62	7650.41	77.37	99.21	PASS
2017.00†	2017.00	-0.04	-0.02	11038.00	6496.68	-6178.60	365.45	-31.08	7640.40	77.40	99.04	PASS
2117.00†	2116.97	-2.12	-1.11	11038.00	6496.68	-6178.60	365.45	-31.86	7580.58	77.61	98.00	PASS
2217.00†	2216.79	-7.28	-3.80	11038.00	6496.68	-6178.60	365.45	-32.69	7519.24	77.86	96.89	PASS
2317.00†	2316.35	-15.53	-8.11	11038.00	6496.68	-6178.60	365.45	-33.57	7456.42	78.13	95.75	PASS
2337.33	2336.55	-17.58	-9.18	11038.00	6496.68	-6178.60	365.45	-33.76	7443.47	78.19	95.51	PASS
2417.00†	2415.67	-25.88	-13.51	11038.00	6496.68	-6178.60	365.45	-33.76	7392.85	78.39	94.62	PASS
2517.00†	2514.98	-36.30	-18.95	11038.00	6496.68	-6178.60	365.45	-33.76	7330.05	78.65	93.50	PASS
2617.00†	2614.28	-46.71	-24.39	11038.00	6496.68	-6178.60	365.45	-33.76	7268.09	78.92	92.39	PASS
2717.00†	2713.59	-57.12	-29.82	11038.00	6496.68	-6178.60	365.45	-33.76	7206.98	79.21	91.28	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

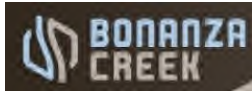
NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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
2817.00†	2812.90	-67.54	-35.26	11038.00	6496.68	-6178.60	365.45	-33.76	7146.74	79.50	90.18	PASS
2917.00†	2912.21	-77.95	-40.70	11038.00	6496.68	-6178.60	365.45	-33.76	7087.41	79.81	89.09	PASS
3017.00†	3011.51	-88.36	-46.14	11038.00	6496.68	-6178.60	365.45	-33.76	7029.00	80.13	88.00	PASS
3117.00†	3110.82	-98.78	-51.57	11038.00	6496.68	-6178.60	365.45	-33.76	6971.53	80.46	86.92	PASS
3217.00†	3210.13	-109.19	-57.01	11038.00	6496.68	-6178.60	365.45	-33.76	6915.03	80.80	85.85	PASS
3317.00†	3309.44	-119.61	-62.45	11038.00	6496.68	-6178.60	365.45	-33.76	6859.52	81.15	84.79	PASS
3417.00†	3408.74	-130.02	-67.88	11038.00	6496.68	-6178.60	365.45	-33.76	6805.04	81.52	83.74	PASS
3517.00†	3508.05	-140.43	-73.32	11038.00	6496.68	-6178.60	365.45	-33.76	6751.59	81.89	82.70	PASS
3617.00†	3607.36	-150.85	-78.76	11038.00	6496.68	-6178.60	365.45	-33.76	6699.21	82.28	81.67	PASS
3717.00†	3706.67	-161.26	-84.20	11038.00	6496.68	-6178.60	365.45	-33.76	6647.91	82.68	80.65	PASS
3817.00†	3805.98	-171.67	-89.63	11038.00	6496.68	-6178.60	365.45	-33.76	6597.74	83.08	79.65	PASS
3917.00†	3905.28	-182.09	-95.07	11038.00	6496.68	-6178.60	365.45	-33.76	6548.71	83.50	78.66	PASS
4017.00†	4004.59	-192.50	-100.51	11038.00	6496.68	-6178.60	365.45	-33.76	6500.85	83.93	77.69	PASS
4117.00†	4103.90	-202.92	-105.94	11038.00	6496.68	-6178.60	365.45	-33.76	6454.18	84.37	76.73	PASS
4217.00†	4203.21	-213.33	-111.38	11038.00	6496.68	-6178.60	365.45	-33.76	6408.74	84.82	75.79	PASS
4317.00†	4302.51	-223.74	-116.82	11038.00	6496.68	-6178.60	365.45	-33.76	6364.54	85.27	74.86	PASS
4417.00†	4401.82	-234.16	-122.26	11038.00	6496.68	-6178.60	365.45	-33.76	6321.61	85.74	73.95	PASS
4517.00†	4501.13	-244.57	-127.69	11038.00	6496.68	-6178.60	365.45	-33.76	6279.98	86.21	73.06	PASS
4617.00†	4600.44	-254.98	-133.13	11038.00	6496.68	-6178.60	365.45	-33.76	6239.68	86.69	72.19	PASS
4717.00†	4699.74	-265.40	-138.57	11038.00	6496.68	-6178.60	365.45	-33.76	6200.73	87.18	71.33	PASS
4817.00†	4799.05	-275.81	-144.00	11038.00	6496.68	-6178.60	365.45	-33.76	6163.15	87.67	70.50	PASS
4917.00†	4898.36	-286.23	-149.44	11038.00	6496.68	-6178.60	365.45	-33.76	6126.98	88.17	69.69	PASS
5017.00†	4997.67	-296.64	-154.88	11038.00	6496.68	-6178.60	365.45	-33.76	6092.23	88.67	68.90	PASS
5117.00†	5096.97	-307.05	-160.31	11038.00	6496.68	-6178.60	365.45	-33.76	6058.94	89.18	68.13	PASS
5217.00†	5196.28	-317.47	-165.75	11038.00	6496.68	-6178.60	365.45	-33.76	6027.12	89.70	67.38	PASS
5317.00†	5295.59	-327.88	-171.19	11038.00	6496.68	-6178.60	365.45	-33.76	5996.80	90.22	66.66	PASS
5417.00†	5394.90	-338.29	-176.63	11038.00	6496.68	-6178.60	365.45	-33.76	5968.00	90.74	65.96	PASS
5517.00†	5494.20	-348.71	-182.06	11038.00	6496.68	-6178.60	365.45	-33.76	5940.74	91.26	65.28	PASS
5617.00†	5593.51	-359.12	-187.50	11038.00	6496.68	-6178.60	365.45	-33.76	5915.05	91.78	64.62	PASS
5717.00†	5692.82	-369.54	-192.94	11038.00	6496.68	-6178.60	365.45	-33.76	5890.95	92.31	63.99	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: LATHAM T34-P31-2HC AWP 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
5817.00†	5792.13	-379.95	-198.37	11038.00	6496.68	-6178.60	365.45	-33.76	5868.45	92.83	63.39	PASS
5862.74	5837.55	-384.71	-200.86	11038.00	6496.68	-6178.60	365.45	-33.76	5858.70	93.07	63.12	PASS
5917.00†	5891.09	-392.91	-203.80	11038.00	6496.68	-6178.60	365.45	-21.73	5845.09	93.39	62.76	PASS
6017.00†	5986.75	-421.11	-209.09	11038.00	6496.68	-6178.60	365.45	-15.27	5808.51	94.34	61.73	PASS
6117.00†	6076.06	-465.52	-214.07	11038.00	6496.68	-6178.60	365.45	-13.49	5757.78	95.75	60.29	PASS
6217.00†	6156.32	-524.79	-218.61	11038.00	6496.68	-6178.60	365.45	-13.40	5694.08	96.97	58.87	PASS
6317.00†	6225.08	-597.12	-222.55	11038.00	6496.68	-6178.60	365.45	-14.60	5618.93	97.99	57.49	PASS
6417.00†	6280.25	-680.31	-225.78	11038.00	6496.68	-6178.60	365.45	-17.58	5534.22	98.81	56.15	PASS
6517.00†	6320.15	-771.83	-228.21	11038.00	6496.68	-6178.60	365.45	-24.54	5442.13	99.45	54.86	PASS
6617.00†	6343.58	-868.91	-229.75	11038.00	6496.68	-6178.60	365.45	-45.62	5345.14	99.91	53.63	PASS
6702.88	6350.00	-954.47	-230.33	11038.00	6496.68	-6178.60	365.45	-103.52	5260.04	100.21	52.62	PASS
6717.00†	6350.00	-968.58	-230.37	11038.00	6496.68	-6178.60	365.45	-103.52	5246.03	100.25	52.46	PASS
6817.00†	6350.00	-1068.58	-230.65	11038.00	6496.68	-6178.60	365.45	-103.52	5146.76	100.55	51.31	PASS
6917.00†	6350.00	-1168.58	-230.92	11038.00	6496.68	-6178.60	365.45	-103.52	5047.52	100.87	50.16	PASS
7017.00†	6350.00	-1268.58	-231.20	11038.00	6496.68	-6178.60	365.45	-103.52	4948.31	101.22	49.01	PASS
7117.00†	6350.00	-1368.58	-231.47	11038.00	6496.68	-6178.60	365.45	-103.52	4849.14	101.58	47.85	PASS
7217.00†	6350.00	-1468.58	-231.74	11038.00	6496.68	-6178.60	365.45	-103.52	4749.99	101.97	46.70	PASS
7317.00†	6350.00	-1568.58	-232.02	11038.00	6496.68	-6178.60	365.45	-103.52	4650.89	102.38	45.54	PASS
7417.00†	6350.00	-1668.58	-232.29	11038.00	6496.68	-6178.60	365.45	-103.52	4551.82	102.82	44.38	PASS
7517.00†	6350.00	-1768.58	-232.57	11038.00	6496.68	-6178.60	365.45	-103.52	4452.80	103.29	43.22	PASS
7617.00†	6350.00	-1868.58	-232.84	11038.00	6496.68	-6178.60	365.45	-103.52	4353.82	103.79	42.05	PASS
7717.00†	6350.00	-1968.58	-233.12	11038.00	6496.68	-6178.60	365.45	-103.52	4254.89	104.32	40.89	PASS
7817.00†	6350.00	-2068.58	-233.39	11038.00	6496.68	-6178.60	365.45	-103.52	4156.01	104.89	39.72	PASS
7917.00†	6350.00	-2168.58	-233.66	11038.00	6496.68	-6178.60	365.45	-103.52	4057.18	105.50	38.55	PASS
8017.00†	6350.00	-2268.58	-233.94	11038.00	6496.68	-6178.60	365.45	-103.52	3958.42	106.15	37.38	PASS
8117.00†	6350.00	-2368.58	-234.21	11038.00	6496.68	-6178.60	365.45	-103.52	3859.71	106.85	36.21	PASS
8217.00†	6350.00	-2468.58	-234.49	11038.00	6496.68	-6178.60	365.45	-103.52	3761.08	107.60	35.04	PASS
8317.00†	6350.00	-2568.58	-234.76	11038.00	6496.68	-6178.60	365.45	-103.52	3662.52	108.40	33.86	PASS
8417.00†	6350.00	-2668.58	-235.04	11038.00	6496.68	-6178.60	365.45	-103.52	3564.04	109.27	32.69	PASS
8517.00†	6350.00	-2768.58	-235.31	11038.00	6496.68	-6178.60	365.45	-103.52	3465.65	110.21	31.52	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: LATHAM T34-P31-2HC AWP 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
8617.00†	6350.00	-2868.58	-235.58	11038.00	6496.68	-6178.60	365.45	-103.52	3367.35	111.22	30.34	PASS
8717.00†	6350.00	-2968.58	-235.86	11038.00	6496.68	-6178.60	365.45	-103.52	3269.15	112.31	29.17	PASS
8817.00†	6350.00	-3068.58	-236.13	11038.00	6496.68	-6178.60	365.45	-103.52	3171.07	113.50	28.00	PASS
8917.00†	6350.00	-3168.58	-236.41	11038.00	6496.68	-6178.60	365.45	-103.52	3073.11	114.78	26.83	PASS
9017.00†	6350.00	-3268.58	-236.68	11038.00	6496.68	-6178.60	365.45	-103.52	2975.29	116.18	25.66	PASS
9117.00†	6350.00	-3368.58	-236.96	11038.00	6496.68	-6178.60	365.45	-103.52	2877.61	117.70	24.50	PASS
9217.00†	6350.00	-3468.58	-237.23	11038.00	6496.68	-6178.60	365.45	-103.52	2780.11	119.36	23.34	PASS
9317.00†	6350.00	-3568.58	-237.51	11038.00	6496.68	-6178.60	365.45	-103.52	2682.78	121.18	22.18	PASS
9417.00†	6350.00	-3668.57	-237.78	11038.00	6496.68	-6178.60	365.45	-103.52	2585.66	123.17	21.03	PASS
9517.00†	6350.00	-3768.57	-238.05	11038.00	6496.68	-6178.60	365.45	-103.52	2488.77	125.35	19.89	PASS
9617.00†	6350.00	-3868.57	-238.33	11038.00	6496.68	-6178.60	365.45	-103.52	2392.13	127.75	18.76	PASS
9717.00†	6350.00	-3968.57	-238.60	11038.00	6496.68	-6178.60	365.45	-103.52	2295.78	130.41	17.64	PASS
9817.00†	6350.00	-4068.57	-238.88	11038.00	6496.68	-6178.60	365.45	-103.52	2199.76	133.34	16.53	PASS
9917.00†	6350.00	-4168.57	-239.15	11038.00	6496.68	-6178.60	365.45	-103.52	2104.11	136.60	15.43	PASS
10017.00†	6350.00	-4268.57	-239.43	11038.00	6496.68	-6178.60	365.45	-103.52	2008.88	140.21	14.35	PASS
10117.00†	6350.00	-4368.57	-239.70	11038.00	6496.68	-6178.60	365.45	-103.52	1914.14	144.25	13.29	PASS
10217.00†	6350.00	-4468.57	-239.97	11038.00	6496.68	-6178.60	365.45	-103.52	1819.96	148.77	12.25	PASS
10317.00†	6350.00	-4568.57	-240.25	11038.00	6496.68	-6178.60	365.45	-103.52	1726.44	153.83	11.24	PASS
10417.00†	6350.00	-4668.57	-240.52	11038.00	6496.68	-6178.60	365.45	-103.52	1633.68	159.53	10.26	PASS
10517.00†	6350.00	-4768.57	-240.80	11038.00	6496.68	-6178.60	365.45	-103.52	1541.83	165.95	9.30	PASS
10617.00†	6350.00	-4868.57	-241.07	11038.00	6496.68	-6178.60	365.45	-103.52	1451.06	173.23	8.39	PASS
10717.00†	6350.00	-4968.57	-241.35	11038.00	6496.68	-6178.60	365.45	-103.52	1361.58	181.48	7.51	PASS
10817.00†	6350.00	-5068.57	-241.62	11038.00	6496.68	-6178.60	365.45	-103.52	1273.67	190.85	6.68	PASS
10917.00†	6350.00	-5168.57	-241.89	11038.00	6496.68	-6178.60	365.45	-103.52	1187.67	201.52	5.90	PASS
11017.00†	6350.00	-5268.57	-242.17	11038.00	6496.68	-6178.60	365.45	-103.52	1104.03	213.65	5.17	PASS
11117.00†	6350.00	-5368.57	-242.44	11038.00	6496.68	-6178.60	365.45	-103.52	1023.33	227.39	4.50	PASS
11217.00†	6350.00	-5468.57	-242.72	11038.00	6496.68	-6178.60	365.45	-103.52	946.33	242.87	3.90	PASS
11317.00†	6350.00	-5568.57	-242.99	11038.00	6496.68	-6178.60	365.45	-103.52	873.99	260.06	3.36	PASS
11417.00†	6350.00	-5668.57	-243.27	11038.00	6496.68	-6178.60	365.45	-103.52	807.58	278.70	2.90	PASS
11487.78	6350.00	-5739.35	-243.46	11038.00	6496.68	-6178.60	365.45	-103.52	765.01	292.43	2.62	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

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	-6497.25	-103.52	-6496.39	-101.03
8.75in Open Hole	797.00	6795.00	5998.00	826.95	6474.85	-6496.39	-101.03	-6424.70	47.96
7in Casing Intermediate	17.00	6795.00	6778.00	47.00	6474.85	-6497.25	-103.52	-6424.70	47.96
6.125in Open Hole	6798.00	11038.00	4240.00	6474.89	6496.68	-6423.79	47.94	-5131.86	59.63

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

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



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: NORTH PLATTE 31-35-2MRLNC PWB Offset Wellpath: NORTH PLATTE 31-35-2MRLNC (REV-A.0) PWP												
Facility: SEC.26-T5N-R63W Slot: SLOT#29 NORTH PLATTE 31-35-2MRLNC (WELL 4, STATE NORTH PLATTE O-26 PAD) Well: NORTH PLATTE 31-35-2MRLNC Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	17.00	17.00	59.75	0.84	0.80	59.75	1.40	98.25	PASS
117.00†	117.00	0.00	0.00	117.00	117.00	59.75	0.84	0.80	59.75	2.02	48.35	PASS
217.00†	217.00	0.00	0.00	217.00	217.00	59.75	0.84	0.80	59.75	3.00	26.81	PASS
317.00†	317.00	0.00	0.00	317.00	317.00	59.75	0.84	0.80	59.75	4.02	18.30	PASS
417.00†	417.00	0.00	0.00	417.00	417.00	59.75	0.84	0.80	59.75	5.06	13.85	PASS
517.00†	517.00	0.00	0.00	517.00	517.00	59.75	0.84	0.80	59.75	6.10	11.13	PASS
617.00†	617.00	0.00	0.00	617.00	617.00	59.75	0.84	0.80	59.75	7.14	9.30	PASS
717.00†	717.00	0.00	0.00	717.00	717.00	59.75	0.84	0.80	59.75	8.18	7.99	PASS
817.00†	817.00	0.00	0.00	817.00	817.00	59.75	0.84	0.80	59.75	9.23	7.00	PASS
917.00†	917.00	0.00	0.00	917.00	917.00	59.75	0.84	0.80	59.75	10.27	6.22	PASS
1017.00†	1017.00	0.00	0.00	1017.00	1017.00	59.75	0.84	0.80	59.75	11.32	5.61	PASS
1117.00†	1117.00	0.00	0.00	1117.00	1117.00	59.75	0.84	0.80	59.75	12.36	5.10	PASS
1217.00†	1217.00	0.00	0.00	1217.00	1217.00	59.75	0.84	0.80	59.75	13.41	4.68	PASS
1317.00†	1317.00	0.00	0.00	1317.00	1317.00	59.75	0.84	0.80	59.75	14.46	4.32	PASS
1417.00†	1417.00	0.00	0.00	1417.00	1417.00	59.75	0.84	0.80	59.75	15.50	4.01	PASS
1517.00†	1517.00	0.00	0.00	1517.00	1517.00	59.75	0.84	0.80	59.75	16.55	3.74	PASS
1617.00†	1617.00	0.00	0.00	1617.00	1617.00	59.75	0.84	0.80	59.75	16.27	3.67	PASS
1717.00†	1717.00	0.00	0.00	1717.00	1717.00	59.75	0.84	0.80	59.75	16.33	3.66	PASS
1817.00†	1817.00	0.00	0.00	1817.00	1817.00	59.75	0.84	0.80	59.75	16.46	3.63	PASS
1917.00†	1917.00	0.00	0.00	1917.00	1917.00	59.75	0.84	0.80	59.75	16.65	3.59	PASS
2000.00	2000.00	0.00	0.00	2000.00	2000.00	59.75	0.84	0.80	59.75	16.85	3.55	PASS
2017.00†	2017.00	-0.04	-0.02	2017.20	2017.20	59.72	0.88	153.29	59.77	16.90	3.54	PASS
2117.00†	2116.97	-2.12	-1.11	2118.29	2118.26	58.35	2.84	156.17	60.61	17.26	3.51	PASS
2217.00†	2216.79	-7.28	-3.80	2219.00	2218.79	54.97	7.71	162.90	63.34	17.82	3.55	PASS
2317.00†	2316.35	-15.53	-8.11	2319.01	2318.35	49.62	15.41	172.26	69.30	18.42	3.76	PASS
2337.33	2336.55	-17.58	-9.18	2339.22	2338.43	48.30	17.31	174.31	71.04	18.54	3.83	PASS
2417.00†	2415.67	-25.88	-13.51	2418.13	2416.64	42.37	25.85	-177.58	78.79	18.93	4.16	PASS
2517.00†	2514.98	-36.30	-18.95	2516.34	2513.55	33.27	38.95	-167.69	90.51	19.49	4.64	PASS
2617.00†	2614.28	-46.71	-24.39	2613.44	2608.76	22.41	54.57	-158.51	105.08	20.15	5.22	PASS
2717.00†	2713.59	-57.12	-29.82	2710.66	2703.70	10.47	71.75	-150.78	122.41	20.88	5.86	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

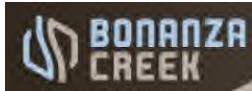
NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: NORTH PLATTE 31-35-2MRLNC PWB Offset Wellpath: NORTH PLATTE 31-35-2MRLNC (REV-A.0) PWP												
Facility: SEC.26-T5N-R63W Slot: SLOT#29 NORTH PLATTE 31-35-2MRLNC (WELL 4, STATE NORTH PLATTE O-26 PAD)				Well: NORTH PLATTE 31-35-2MRLNC				Threshold Value=1.00 † = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2817.00†	2812.90	-67.54	-35.26	2807.95	2798.72	-1.48	88.96	-145.00	141.40	21.66	6.53	PASS
2917.00†	2912.21	-77.95	-40.70	2905.25	2893.73	-13.44	106.16	-140.60	161.47	22.50	7.18	PASS
3017.00†	3011.51	-88.36	-46.14	3002.55	2988.74	-25.39	123.37	-137.17	182.25	23.35	7.81	PASS
3117.00†	3110.82	-98.78	-51.57	3099.84	3083.76	-37.35	140.57	-134.45	203.53	24.24	8.40	PASS
3217.00†	3210.13	-109.19	-57.01	3197.14	3178.77	-49.30	157.78	-132.25	225.18	25.16	8.95	PASS
3317.00†	3309.44	-119.61	-62.45	3294.43	3273.78	-61.26	174.98	-130.43	247.08	26.11	9.46	PASS
3417.00†	3408.74	-130.02	-67.88	3391.73	3368.80	-73.21	192.19	-128.91	269.19	27.08	9.94	PASS
3517.00†	3508.05	-140.43	-73.32	3489.03	3463.81	-85.17	209.40	-127.62	291.45	28.08	10.38	PASS
3617.00†	3607.36	-150.85	-78.76	3586.32	3558.82	-97.12	226.60	-126.51	313.83	29.09	10.79	PASS
3717.00†	3706.67	-161.26	-84.20	3683.62	3653.84	-109.08	243.81	-125.55	336.30	30.12	11.17	PASS
3817.00†	3805.98	-171.67	-89.63	3780.91	3748.85	-121.03	261.01	-124.70	358.86	31.17	11.51	PASS
3917.00†	3905.28	-182.09	-95.07	3878.21	3843.86	-132.99	278.22	-123.96	381.48	32.23	11.84	PASS
4017.00†	4004.59	-192.50	-100.51	3975.50	3938.87	-144.94	295.43	-123.30	404.16	33.30	12.14	PASS
4117.00†	4103.90	-202.92	-105.94	4072.80	4033.89	-156.90	312.63	-122.72	426.88	34.39	12.41	PASS
4217.00†	4203.21	-213.33	-111.38	4170.10	4128.90	-168.85	329.84	-122.19	449.64	35.49	12.67	PASS
4317.00†	4302.51	-223.74	-116.82	4267.39	4223.91	-180.81	347.04	-121.71	472.43	36.60	12.91	PASS
4417.00†	4401.82	-234.16	-122.26	4364.69	4318.93	-192.77	364.25	-121.27	495.25	37.72	13.13	PASS
4517.00†	4501.13	-244.57	-127.69	4461.98	4413.94	-204.72	381.46	-120.88	518.09	38.84	13.34	PASS
4617.00†	4600.44	-254.98	-133.13	4559.28	4508.95	-216.68	398.66	-120.52	540.96	39.98	13.53	PASS
4717.00†	4699.74	-265.40	-138.57	4656.58	4603.97	-228.63	415.87	-120.18	563.85	41.12	13.71	PASS
4817.00†	4799.05	-275.81	-144.00	4753.87	4698.98	-240.59	433.07	-119.88	586.75	42.26	13.88	PASS
4917.00†	4898.36	-286.23	-149.44	4851.17	4793.99	-252.54	450.28	-119.59	609.67	43.42	14.04	PASS
5017.00†	4997.67	-296.64	-154.88	4948.46	4889.01	-264.50	467.49	-119.33	632.60	44.58	14.19	PASS
5117.00†	5096.97	-307.05	-160.31	5045.76	4984.02	-276.45	484.69	-119.08	655.54	45.74	14.33	PASS
5217.00†	5196.28	-317.47	-165.75	5143.05	5079.03	-288.41	501.90	-118.85	678.49	46.91	14.46	PASS
5317.00†	5295.59	-327.88	-171.19	5240.35	5174.05	-300.36	519.10	-118.64	701.45	48.08	14.59	PASS
5417.00†	5394.90	-338.29	-176.63	5337.65	5269.06	-312.32	536.31	-118.44	724.42	49.26	14.71	PASS
5517.00†	5494.20	-348.71	-182.06	5434.94	5364.07	-324.27	553.52	-118.25	747.40	50.44	14.82	PASS
5617.00†	5593.51	-359.12	-187.50	5532.24	5459.09	-336.23	570.72	-118.08	770.39	51.63	14.92	PASS
5717.00†	5692.82	-369.54	-192.94	5629.53	5554.10	-348.18	587.93	-117.91	793.38	52.82	15.02	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: NORTH PLATTE 31-35-2MRLNC PWB Offset Wellpath: NORTH PLATTE 31-35-2MRLNC (REV-A.0) PWP												
Facility: SEC.26-T5N-R63W Slot: SLOT#29 NORTH PLATTE 31-35-2MRLNC (WELL 4, STATE NORTH PLATTE O-26 PAD) Well: NORTH PLATTE 31-35-2MRLNC Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5817.00†	5792.13	-379.95	-198.37	5726.83	5649.11	-360.14	605.13	-117.75	816.38	54.01	15.12	PASS
5862.74	5837.55	-384.71	-200.86	5771.34	5692.57	-365.61	613.00	-117.68	826.90	54.56	15.16	PASS
5917.00†	5891.09	-392.91	-203.80	5824.10	5744.10	-372.09	622.33	-104.32	839.37	55.26	15.19	PASS
6017.00†	5986.75	-421.11	-209.09	5920.05	5837.80	-383.88	639.30	-96.14	862.17	56.85	15.17	PASS
6117.00†	6076.06	-465.52	-214.07	6021.30	5935.67	-402.23	657.04	-93.20	884.62	58.98	15.00	PASS
6217.00†	6156.32	-524.79	-218.61	6130.28	6035.75	-440.87	675.22	-91.67	905.82	61.86	14.64	PASS
6317.00†	6225.08	-597.12	-222.55	6246.76	6132.69	-502.62	692.89	-90.81	924.93	65.45	14.13	PASS
6417.00†	6280.25	-680.31	-225.78	6371.31	6220.46	-589.16	708.96	-90.34	941.08	69.69	13.50	PASS
6517.00†	6320.15	-771.83	-228.21	6503.66	6291.25	-699.87	722.01	-90.11	953.38	74.53	12.79	PASS
6617.00†	6343.58	-868.91	-229.75	6642.33	6336.59	-830.29	730.51	-90.02	961.06	79.80	12.04	PASS
6702.88	6350.00	-954.47	-230.33	6764.35	6349.99	-951.30	733.21	-90.00	963.55	84.46	11.41	PASS
6717.00†	6350.00	-968.58	-230.37	6779.42	6350.00	-966.38	733.24	-90.00	963.62	85.14	11.32	PASS
6817.00†	6350.00	-1068.58	-230.65	6879.42	6350.00	-1066.38	733.47	-90.00	964.12	90.08	10.70	PASS
6917.00†	6350.00	-1168.58	-230.92	6979.42	6350.00	-1166.38	733.70	-90.00	964.62	95.28	10.12	PASS
7017.00†	6350.00	-1268.58	-231.20	7079.42	6350.00	-1266.37	733.93	-90.00	965.13	100.63	9.59	PASS
7117.00†	6350.00	-1368.58	-231.47	7179.42	6350.00	-1366.37	734.16	-90.00	965.63	106.09	9.10	PASS
7217.00†	6350.00	-1468.58	-231.74	7279.42	6350.00	-1466.37	734.39	-90.00	966.13	111.65	8.65	PASS
7317.00†	6350.00	-1568.58	-232.02	7379.42	6350.00	-1566.37	734.62	-90.00	966.64	117.29	8.24	PASS
7417.00†	6350.00	-1668.58	-232.29	7479.41	6350.00	-1666.37	734.85	-90.00	967.14	123.00	7.86	PASS
7517.00†	6350.00	-1768.58	-232.57	7579.41	6350.00	-1766.37	735.07	-90.00	967.64	128.77	7.51	PASS
7617.00†	6350.00	-1868.58	-232.84	7679.41	6350.00	-1866.37	735.30	-90.00	968.15	134.59	7.19	PASS
7717.00†	6350.00	-1968.58	-233.12	7779.41	6350.00	-1966.36	735.53	-90.00	968.65	141.17	6.86	PASS
7817.00†	6350.00	-2068.58	-233.39	7879.41	6350.00	-2066.36	735.76	-90.00	969.15	146.37	6.62	PASS
7917.00†	6350.00	-2168.58	-233.66	7979.41	6350.00	-2166.36	735.99	-90.00	969.66	152.32	6.37	PASS
8017.00†	6350.00	-2268.58	-233.94	8079.41	6350.00	-2266.36	736.22	-90.00	970.16	158.29	6.13	PASS
8117.00†	6350.00	-2368.58	-234.21	8179.41	6350.00	-2366.36	736.45	-90.00	970.66	164.30	5.91	PASS
8217.00†	6350.00	-2468.58	-234.49	8279.40	6350.00	-2466.36	736.68	-90.00	971.17	170.33	5.70	PASS
8317.00†	6350.00	-2568.58	-234.76	8379.40	6350.00	-2566.35	736.91	-90.00	971.67	176.39	5.51	PASS
8417.00†	6350.00	-2668.58	-235.04	8479.40	6350.00	-2666.35	737.13	-90.00	972.17	182.46	5.33	PASS
8517.00†	6350.00	-2768.58	-235.31	8579.40	6350.00	-2766.35	737.36	-90.00	972.68	188.56	5.16	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: NORTH PLATTE 31-35-2MRLNC PWB Offset Wellpath: NORTH PLATTE 31-35-2MRLNC (REV-A.0) PWP												
Facility: SEC.26-T5N-R63W		Slot: SLOT#29 NORTH PLATTE 31-35-2MRLNC (WELL 4, STATE NORTH PLATTE O-26 PAD)				Well: NORTH PLATTE 31-35-2MRLNC			Threshold Value=1.00 † = interpolated/extrapolated station			
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
8617.00†	6350.00	-2868.58	-235.58	8679.40	6350.00	-2866.35	737.59	-90.00	973.18	194.67	5.00	PASS
8717.00†	6350.00	-2968.58	-235.86	8779.40	6350.00	-2966.35	737.82	-90.00	973.68	200.80	4.85	PASS
8817.00†	6350.00	-3068.58	-236.13	8879.40	6350.00	-3066.35	738.05	-90.00	974.19	206.94	4.71	PASS
8917.00†	6350.00	-3168.58	-236.41	8979.40	6350.00	-3166.35	738.28	-90.00	974.69	213.09	4.57	PASS
9017.00†	6350.00	-3268.58	-236.68	9079.39	6350.00	-3266.34	738.51	-90.00	975.19	219.26	4.45	PASS
9117.00†	6350.00	-3368.58	-236.96	9179.39	6350.00	-3366.34	738.74	-90.00	975.70	225.43	4.33	PASS
9217.00†	6350.00	-3468.58	-237.23	9279.39	6350.00	-3466.34	738.97	-90.00	976.20	231.62	4.21	PASS
9317.00†	6350.00	-3568.58	-237.51	9379.39	6350.00	-3566.34	739.19	-90.00	976.70	237.81	4.11	PASS
9417.00†	6350.00	-3668.57	-237.78	9479.39	6350.00	-3666.34	739.42	-90.00	977.20	244.02	4.00	PASS
9517.00†	6350.00	-3768.57	-238.05	9579.39	6350.00	-3766.34	739.65	-90.00	977.71	250.23	3.91	PASS
9617.00†	6350.00	-3868.57	-238.33	9679.39	6350.00	-3866.33	739.88	-90.00	978.21	256.45	3.81	PASS
9717.00†	6350.00	-3968.57	-238.60	9779.39	6350.00	-3966.33	740.11	-90.00	978.71	262.67	3.73	PASS
9817.00†	6350.00	-4068.57	-238.88	9879.38	6350.00	-4066.33	740.34	-90.00	979.22	268.90	3.64	PASS
9917.00†	6350.00	-4168.57	-239.15	9979.38	6350.00	-4166.33	740.57	-90.00	979.72	275.14	3.56	PASS
10017.00†	6350.00	-4268.57	-239.43	10079.38	6350.00	-4266.33	740.80	-90.00	980.22	281.38	3.48	PASS
10117.00†	6350.00	-4368.57	-239.70	10179.38	6350.00	-4366.33	741.03	-90.00	980.73	287.63	3.41	PASS
10217.00†	6350.00	-4468.57	-239.97	10279.38	6350.00	-4466.33	741.25	-90.00	981.23	293.88	3.34	PASS
10317.00†	6350.00	-4568.57	-240.25	10379.38	6350.00	-4566.32	741.48	-90.00	981.73	300.14	3.27	PASS
10417.00†	6350.00	-4668.57	-240.52	10479.38	6350.00	-4666.32	741.71	-90.00	982.24	306.40	3.21	PASS
10517.00†	6350.00	-4768.57	-240.80	10579.37	6350.00	-4766.32	741.94	-90.00	982.74	312.67	3.14	PASS
10617.00†	6350.00	-4868.57	-241.07	10679.37	6350.00	-4866.32	742.17	-90.00	983.24	318.94	3.08	PASS
10717.00†	6350.00	-4968.57	-241.35	10779.37	6350.00	-4966.32	742.40	-90.00	983.75	325.21	3.02	PASS
10817.00†	6350.00	-5068.57	-241.62	10879.37	6350.00	-5066.32	742.63	-90.00	984.25	331.49	2.97	PASS
10917.00†	6350.00	-5168.57	-241.89	10979.37	6350.00	-5166.32	742.86	-90.00	984.75	337.76	2.92	PASS
11017.00†	6350.00	-5268.57	-242.17	11079.37	6350.00	-5266.31	743.09	-90.00	985.26	344.05	2.86	PASS
11117.00†	6350.00	-5368.57	-242.44	11179.37	6350.00	-5366.31	743.31	-90.00	985.76	350.33	2.81	PASS
11217.00†	6350.00	-5468.57	-242.72	11279.37	6350.00	-5466.31	743.54	-90.00	986.26	356.62	2.77	PASS
11317.00†	6350.00	-5568.57	-242.99	11379.36	6350.00	-5566.31	743.77	-90.00	986.77	362.91	2.72	PASS
11417.00†	6350.00	-5668.57	-243.27	11479.36	6350.00	-5666.31	744.00	-90.00	987.27	369.20	2.67	PASS
11487.78	6350.00	-5739.35	-243.46	11550.14	6350.00	-5737.09	744.16	-90.00	987.63	373.65	2.64	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

POSITIONAL UNCERTAINTY - Offset Wellbore: NORTH PLATTE 31-35-2MRLNC PWB Offset Wellpath: NORTH PLATTE 31-35-2MRLNC (REV-A.0) PWP				
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: NORTH PLATTE 31-35-2MRLNC PWB Offset Wellpath: NORTH PLATTE 31-35-2MRLNC (REV-A.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	17.00	1550.00	1533.00	17.00	1550.00	36.42	0.51	36.42	0.51

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



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: Ex.LATHAM O-K-2HNB AWP 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	-6181.79	-594.60	-174.51	8843.42	67.47	132.64	PASS
117.00†	117.00	0.00	0.00	10917.00	6312.88	-6181.79	-594.60	-174.51	8772.51	67.71	131.10	PASS
217.00†	217.00	0.00	0.00	10917.00	6312.88	-6181.79	-594.60	-174.51	8702.17	67.80	129.88	PASS
317.00†	317.00	0.00	0.00	10917.00	6312.88	-6181.79	-594.60	-174.51	8632.42	67.90	128.65	PASS
417.00†	417.00	0.00	0.00	10917.00	6312.88	-6181.79	-594.60	-174.51	8563.26	68.00	127.42	PASS
517.00†	517.00	0.00	0.00	10917.00	6312.88	-6181.79	-594.60	-174.51	8494.72	68.12	126.18	PASS
617.00†	617.00	0.00	0.00	10917.00	6312.88	-6181.79	-594.60	-174.51	8426.81	68.24	124.94	PASS
717.00†	717.00	0.00	0.00	10917.00	6312.88	-6181.79	-594.60	-174.51	8359.54	68.38	123.70	PASS
817.00†	817.00	0.00	0.00	10917.00	6312.88	-6181.79	-594.60	-174.51	8292.93	68.52	122.45	PASS
917.00†	917.00	0.00	0.00	10917.00	6312.88	-6181.79	-594.60	-174.51	8227.00	68.67	121.21	PASS
1017.00†	1017.00	0.00	0.00	10917.00	6312.88	-6181.79	-594.60	-174.51	8161.76	68.83	119.96	PASS
1117.00†	1117.00	0.00	0.00	10917.00	6312.88	-6181.79	-594.60	-174.51	8097.24	69.01	118.71	PASS
1217.00†	1217.00	0.00	0.00	10917.00	6312.88	-6181.79	-594.60	-174.51	8033.43	69.19	117.46	PASS
1317.00†	1317.00	0.00	0.00	10917.00	6312.88	-6181.79	-594.60	-174.51	7970.37	69.38	116.22	PASS
1417.00†	1417.00	0.00	0.00	10917.00	6312.88	-6181.79	-594.60	-174.51	7908.08	69.58	114.97	PASS
1517.00†	1517.00	0.00	0.00	10917.00	6312.88	-6181.79	-594.60	-174.51	7846.56	69.79	113.73	PASS
1617.00†	1617.00	0.00	0.00	10917.00	6312.88	-6181.79	-594.60	-174.51	7785.84	69.14	112.61	PASS
1717.00†	1717.00	0.00	0.00	10917.00	6312.88	-6181.79	-594.60	-174.51	7725.94	69.24	111.58	PASS
1817.00†	1817.00	0.00	0.00	10917.00	6312.88	-6181.79	-594.60	-174.51	7666.88	69.35	110.55	PASS
1917.00†	1917.00	0.00	0.00	10917.00	6312.88	-6181.79	-594.60	-174.51	7608.67	69.47	109.52	PASS
2000.00	2000.00	0.00	0.00	10917.00	6312.88	-6181.79	-594.60	-174.51	7561.02	69.57	108.68	PASS
2017.00†	2017.00	-0.04	-0.02	10917.00	6312.88	-6181.79	-594.60	-22.17	7551.30	69.60	108.50	PASS
2117.00†	2116.97	-2.12	-1.11	10917.00	6312.88	-6181.79	-594.60	-22.71	7493.08	69.74	107.45	PASS
2217.00†	2216.79	-7.28	-3.80	10917.00	6312.88	-6181.79	-594.60	-23.30	7433.14	69.91	106.32	PASS
2317.00†	2316.35	-15.53	-8.11	10917.00	6312.88	-6181.79	-594.60	-23.92	7371.49	70.08	105.19	PASS
2337.33	2336.55	-17.58	-9.18	10917.00	6312.88	-6181.79	-594.60	-24.06	7358.76	70.11	104.96	PASS
2417.00†	2415.67	-25.88	-13.51	10917.00	6312.88	-6181.79	-594.60	-24.06	7308.97	70.21	104.10	PASS
2517.00†	2514.98	-36.30	-18.95	10917.00	6312.88	-6181.79	-594.60	-24.06	7247.24	70.34	103.02	PASS
2617.00†	2614.28	-46.71	-24.39	10917.00	6312.88	-6181.79	-594.60	-24.06	7186.37	70.49	101.95	PASS
2717.00†	2713.59	-57.12	-29.82	10917.00	6312.88	-6181.79	-594.60	-24.06	7126.39	70.64	100.89	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: Ex.LATHAM O-K-2HNB AWP 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
2817.00†	2812.90	-67.54	-35.26	10917.00	6312.88	-6181.79	-594.60	-24.06	7067.30	70.79	99.83	PASS
2917.00†	2912.21	-77.95	-40.70	10917.00	6312.88	-6181.79	-594.60	-24.06	7009.15	70.96	98.78	PASS
3017.00†	3011.51	-88.36	-46.14	10917.00	6312.88	-6181.79	-594.60	-24.06	6951.95	71.13	97.73	PASS
3117.00†	3110.82	-98.78	-51.57	10917.00	6312.88	-6181.79	-594.60	-24.06	6895.73	71.31	96.69	PASS
3217.00†	3210.13	-109.19	-57.01	10917.00	6312.88	-6181.79	-594.60	-24.06	6840.50	71.51	95.66	PASS
3317.00†	3309.44	-119.61	-62.45	10917.00	6312.88	-6181.79	-594.60	-24.06	6786.30	71.70	94.64	PASS
3417.00†	3408.74	-130.02	-67.88	10917.00	6312.88	-6181.79	-594.60	-24.06	6733.15	71.91	93.63	PASS
3517.00†	3508.05	-140.43	-73.32	10917.00	6312.88	-6181.79	-594.60	-24.06	6681.08	72.13	92.63	PASS
3617.00†	3607.36	-150.85	-78.76	10917.00	6312.88	-6181.79	-594.60	-24.06	6630.10	72.35	91.64	PASS
3717.00†	3706.67	-161.26	-84.20	10917.00	6312.88	-6181.79	-594.60	-24.06	6580.24	72.58	90.66	PASS
3817.00†	3805.98	-171.67	-89.63	10917.00	6312.88	-6181.79	-594.60	-24.06	6531.54	72.82	89.69	PASS
3917.00†	3905.28	-182.09	-95.07	10917.00	6312.88	-6181.79	-594.60	-24.06	6484.02	73.07	88.74	PASS
4017.00†	4004.59	-192.50	-100.51	10917.00	6312.88	-6181.79	-594.60	-24.06	6437.69	73.32	87.80	PASS
4117.00†	4103.90	-202.92	-105.94	10917.00	6312.88	-6181.79	-594.60	-24.06	6392.60	73.58	86.88	PASS
4217.00†	4203.21	-213.33	-111.38	10917.00	6312.88	-6181.79	-594.60	-24.06	6348.76	73.85	85.97	PASS
4317.00†	4302.51	-223.74	-116.82	10917.00	6312.88	-6181.79	-594.60	-24.06	6306.20	74.13	85.07	PASS
4417.00†	4401.82	-234.16	-122.26	10917.00	6312.88	-6181.79	-594.60	-24.06	6264.95	74.41	84.20	PASS
4517.00†	4501.13	-244.57	-127.69	10917.00	6312.88	-6181.79	-594.60	-24.06	6225.03	74.70	83.34	PASS
4617.00†	4600.44	-254.98	-133.13	10917.00	6312.88	-6181.79	-594.60	-24.06	6186.47	74.99	82.49	PASS
4717.00†	4699.74	-265.40	-138.57	10917.00	6312.88	-6181.79	-594.60	-24.06	6149.30	75.30	81.67	PASS
4817.00†	4799.05	-275.81	-144.00	10917.00	6312.88	-6181.79	-594.60	-24.06	6113.53	75.60	80.86	PASS
4917.00†	4898.36	-286.23	-149.44	10917.00	6312.88	-6181.79	-594.60	-24.06	6079.20	75.92	80.08	PASS
5017.00†	4997.67	-296.64	-154.88	10917.00	6312.88	-6181.79	-594.60	-24.06	6046.33	76.23	79.31	PASS
5117.00†	5096.97	-307.05	-160.31	10917.00	6312.88	-6181.79	-594.60	-24.06	6014.94	76.56	78.57	PASS
5217.00†	5196.28	-317.47	-165.75	10917.00	6312.88	-6181.79	-594.60	-24.06	5985.06	76.88	77.84	PASS
5317.00†	5295.59	-327.88	-171.19	10917.00	6312.88	-6181.79	-594.60	-24.06	5956.71	77.22	77.14	PASS
5417.00†	5394.90	-338.29	-176.63	10917.00	6312.88	-6181.79	-594.60	-24.06	5929.91	77.55	76.46	PASS
5517.00†	5494.20	-348.71	-182.06	10917.00	6312.88	-6181.79	-594.60	-24.06	5904.68	77.89	75.80	PASS
5617.00†	5593.51	-359.12	-187.50	10917.00	6312.88	-6181.79	-594.60	-24.06	5881.04	78.24	75.17	PASS
5717.00†	5692.82	-369.54	-192.94	10917.00	6312.88	-6181.79	-594.60	-24.06	5859.02	78.58	74.56	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: Ex.LATHAM O-K-2HNB AWP 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
5817.00†	5792.13	-379.95	-198.37	10917.00	6312.88	-6181.79	-594.60	-24.06	5838.62	78.93	73.97	PASS
5862.74	5837.55	-384.71	-200.86	10917.00	6312.88	-6181.79	-594.60	-24.06	5829.84	79.09	73.71	PASS
5917.00†	5891.09	-392.91	-203.80	10917.00	6312.88	-6181.79	-594.60	-11.79	5817.37	79.31	73.35	PASS
6017.00†	5986.75	-421.11	-209.09	10917.00	6312.88	-6181.79	-594.60	-4.65	5782.77	80.06	72.23	PASS
6117.00†	6076.06	-465.52	-214.07	10917.00	6312.88	-6181.79	-594.60	-1.73	5733.81	81.26	70.56	PASS
6217.00†	6156.32	-524.79	-218.61	10917.00	6312.88	-6181.79	-594.60	0.16	5671.64	82.27	68.94	PASS
6317.00†	6225.08	-597.12	-222.55	10917.00	6312.88	-6181.79	-594.60	1.92	5597.73	83.08	67.38	PASS
6417.00†	6280.25	-680.31	-225.78	10917.00	6312.88	-6181.79	-594.60	4.18	5513.92	83.68	65.89	PASS
6517.00†	6320.15	-771.83	-228.21	10917.00	6312.88	-6181.79	-594.60	8.30	5422.35	84.08	64.49	PASS
6617.00†	6343.58	-868.91	-229.75	10917.00	6312.88	-6181.79	-594.60	20.43	5325.48	84.30	63.17	PASS
6702.88	6350.00	-954.47	-230.33	10917.00	6312.88	-6181.79	-594.60	83.95	5240.13	84.38	62.10	PASS
6717.00†	6350.00	-968.58	-230.37	10917.00	6312.88	-6181.79	-594.60	83.95	5226.04	84.39	61.93	PASS
6817.00†	6350.00	-1068.58	-230.65	10917.00	6312.88	-6181.79	-594.60	83.95	5126.28	84.43	60.71	PASS
6917.00†	6350.00	-1168.58	-230.92	10917.00	6312.88	-6181.79	-594.60	83.95	5026.52	84.49	59.50	PASS
7017.00†	6350.00	-1268.58	-231.20	10917.00	6312.88	-6181.79	-594.60	83.95	4926.77	84.54	58.28	PASS
7117.00†	6350.00	-1368.58	-231.47	10917.00	6312.88	-6181.79	-594.60	83.95	4827.03	84.60	57.05	PASS
7217.00†	6350.00	-1468.58	-231.74	10917.00	6312.88	-6181.79	-594.60	83.95	4727.30	84.67	55.83	PASS
7317.00†	6350.00	-1568.58	-232.02	10917.00	6312.88	-6181.79	-594.60	83.95	4627.58	84.75	54.61	PASS
7417.00†	6350.00	-1668.58	-232.29	10917.00	6312.88	-6181.79	-594.60	83.95	4527.88	84.83	53.38	PASS
7517.00†	6350.00	-1768.58	-232.57	10917.00	6312.88	-6181.79	-594.60	83.95	4428.19	84.92	52.15	PASS
7617.00†	6350.00	-1868.58	-232.84	10917.00	6312.88	-6181.79	-594.60	83.95	4328.51	85.01	50.92	PASS
7717.00†	6350.00	-1968.58	-233.12	10917.00	6312.88	-6181.79	-594.60	83.95	4228.85	85.12	49.68	PASS
7817.00†	6350.00	-2068.58	-233.39	10917.00	6312.88	-6181.79	-594.60	83.95	4129.20	85.24	48.44	PASS
7917.00†	6350.00	-2168.58	-233.66	10917.00	6312.88	-6181.79	-594.60	83.95	4029.58	85.36	47.20	PASS
8017.00†	6350.00	-2268.58	-233.94	10917.00	6312.88	-6181.79	-594.60	83.95	3929.97	85.51	45.96	PASS
8117.00†	6350.00	-2368.58	-234.21	10917.00	6312.88	-6181.79	-594.60	83.95	3830.38	85.66	44.72	PASS
8217.00†	6350.00	-2468.58	-234.49	10917.00	6312.88	-6181.79	-594.60	83.95	3730.82	85.83	43.47	PASS
8317.00†	6350.00	-2568.58	-234.76	10917.00	6312.88	-6181.79	-594.60	83.95	3631.27	86.01	42.22	PASS
8417.00†	6350.00	-2668.58	-235.04	10917.00	6312.88	-6181.79	-594.60	83.95	3531.76	86.22	40.96	PASS
8517.00†	6350.00	-2768.58	-235.31	10917.00	6312.88	-6181.79	-594.60	83.95	3432.27	86.44	39.71	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: Ex.LATHAM O-K-2HNB AWP 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
8617.00†	6350.00	-2868.58	-235.58	10917.00	6312.88	-6181.79	-594.60	83.95	3332.81	86.69	38.44	PASS
8717.00†	6350.00	-2968.58	-235.86	10917.00	6312.88	-6181.79	-594.60	83.95	3233.39	86.97	37.18	PASS
8817.00†	6350.00	-3068.58	-236.13	10917.00	6312.88	-6181.79	-594.60	83.95	3134.00	87.27	35.91	PASS
8917.00†	6350.00	-3168.58	-236.41	10917.00	6312.88	-6181.79	-594.60	83.95	3034.65	87.61	34.64	PASS
9017.00†	6350.00	-3268.58	-236.68	10917.00	6312.88	-6181.79	-594.60	83.95	2935.35	87.99	33.36	PASS
9117.00†	6350.00	-3368.58	-236.96	10917.00	6312.88	-6181.79	-594.60	83.95	2836.10	88.42	32.08	PASS
9217.00†	6350.00	-3468.58	-237.23	10917.00	6312.88	-6181.79	-594.60	83.95	2736.90	88.89	30.79	PASS
9317.00†	6350.00	-3568.58	-237.51	10917.00	6312.88	-6181.79	-594.60	83.95	2637.76	89.43	29.50	PASS
9417.00†	6350.00	-3668.57	-237.78	10917.00	6312.88	-6181.79	-594.60	83.95	2538.69	90.03	28.20	PASS
9517.00†	6350.00	-3768.57	-238.05	10917.00	6312.88	-6181.79	-594.60	83.95	2439.69	90.72	26.89	PASS
9617.00†	6350.00	-3868.57	-238.33	10917.00	6312.88	-6181.79	-594.60	83.95	2340.78	91.49	25.58	PASS
9717.00†	6350.00	-3968.57	-238.60	10917.00	6312.88	-6181.79	-594.60	83.95	2241.97	92.38	24.27	PASS
9817.00†	6350.00	-4068.57	-238.88	10917.00	6312.88	-6181.79	-594.60	83.95	2143.27	93.40	22.95	PASS
9917.00†	6350.00	-4168.57	-239.15	10917.00	6312.88	-6181.79	-594.60	83.95	2044.69	94.57	21.62	PASS
10017.00†	6350.00	-4268.57	-239.43	10917.00	6312.88	-6181.79	-594.60	83.95	1946.26	95.92	20.29	PASS
10117.00†	6350.00	-4368.57	-239.70	10917.00	6312.88	-6181.79	-594.60	83.95	1848.00	97.49	18.96	PASS
10217.00†	6350.00	-4468.57	-239.97	10917.00	6312.88	-6181.79	-594.60	83.95	1749.93	99.32	17.62	PASS
10317.00†	6350.00	-4568.57	-240.25	10917.00	6312.88	-6181.79	-594.60	83.95	1652.09	101.48	16.28	PASS
10417.00†	6350.00	-4668.57	-240.52	10917.00	6312.88	-6181.79	-594.60	83.95	1554.53	104.02	14.94	PASS
10517.00†	6350.00	-4768.57	-240.80	10917.00	6312.88	-6181.79	-594.60	83.95	1457.31	107.04	13.61	PASS
10617.00†	6350.00	-4868.57	-241.07	10917.00	6312.88	-6181.79	-594.60	83.95	1360.48	110.66	12.29	PASS
10717.00†	6350.00	-4968.57	-241.35	10917.00	6312.88	-6181.79	-594.60	83.95	1264.15	115.01	10.99	PASS
10817.00†	6350.00	-5068.57	-241.62	10917.00	6312.88	-6181.79	-594.60	83.95	1168.43	120.30	9.71	PASS
10917.00†	6350.00	-5168.57	-241.89	10917.00	6312.88	-6181.79	-594.60	83.95	1073.50	126.76	8.47	PASS
11017.00†	6350.00	-5268.57	-242.17	10917.00	6312.88	-6181.79	-594.60	83.95	979.57	134.72	7.27	PASS
11117.00†	6350.00	-5368.57	-242.44	10917.00	6312.88	-6181.79	-594.60	83.95	886.97	144.62	6.13	PASS
11217.00†	6350.00	-5468.57	-242.72	10917.00	6312.88	-6181.79	-594.60	83.95	796.17	157.04	5.07	PASS
11317.00†	6350.00	-5568.57	-242.99	10917.00	6312.88	-6181.79	-594.60	83.95	707.85	172.72	4.10	PASS
11417.00†	6350.00	-5668.57	-243.27	10917.00	6312.88	-6181.79	-594.60	83.95	623.07	192.58	3.24	PASS
11487.78	6350.00	-5739.35	-243.46	10917.00	6312.88	-6181.79	-594.60	83.95	566.07	209.70	2.70	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

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	-6523.90	-74.62	-6521.26	-75.82
7in Casing Intermediate	12.00	6742.00	6730.00	41.00	6311.73	-6523.90	-74.62	-6417.96	-242.50

WELLPATH COMPOSITION - Offset Wellbore: Ex.LATHAM O-K-2HNB AWB Offset Wellpath: Ex.LATHAM O-K-2HNB AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
12.00	6680.00	ISCWSA MWD, Rev. 3 (Standard)	Ensign Directional MWD <138'-6680'>	Ex.LATHAM O-K-2HNB AWB
6680.00	10862.00	ISCWSA MWD, Rev. 3 (Standard)	Ensign 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



Clearance Report

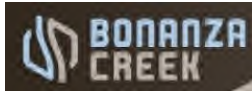
NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	-20.40	173.05	96.72	174.25	1.10	578.16	PASS
117.00†	117.00	0.00	0.00	117.22	118.22	-20.51	172.69	96.77	173.90	2.12	131.76	PASS
217.00†	217.00	0.00	0.00	218.57	219.56	-20.71	171.56	96.88	172.82	3.13	73.89	PASS
317.00†	317.00	0.00	0.00	318.40	319.38	-20.66	170.04	96.93	171.30	4.17	50.65	PASS
417.00†	417.00	0.00	0.00	418.13	419.10	-20.33	168.75	96.87	169.99	5.20	38.48	PASS
517.00†	517.00	0.00	0.00	517.83	518.79	-19.17	167.75	96.52	168.85	6.13	30.91	PASS
617.00†	617.00	0.00	0.00	618.23	619.18	-18.86	166.54	96.46	167.62	7.21	25.63	PASS
717.00†	717.00	0.00	0.00	717.67	718.54	-22.24	164.99	97.68	166.49	8.48	21.28	PASS
817.00†	817.00	0.00	0.00	817.25	818.00	-27.00	163.54	99.38	165.76	9.70	18.33	PASS
917.00†	917.00	0.00	0.00	917.16	917.78	-31.88	162.11	101.13	165.22	10.77	16.33	PASS
1017.00†	1017.00	0.00	0.00	1017.02	1017.50	-36.79	160.66	102.90	164.82	11.73	14.88	PASS
1117.00†	1117.00	0.00	0.00	1116.81	1117.17	-41.59	159.28	104.63	164.62	12.80	13.54	PASS
1217.00†	1217.00	0.00	0.00	1216.89	1217.13	-46.28	157.92	106.33	164.56	13.85	12.46	PASS
1317.00†	1317.00	0.00	0.00	1317.14	1317.26	-50.92	156.36	108.04	164.44	14.91	11.52	PASS
1375.36†	1375.36	0.00	0.00	1374.66	1374.72	-53.56	155.39	109.02	164.36	15.53	11.03	PASS
1417.00†	1417.00	0.00	0.00	1416.54	1416.54	-55.49	154.77	109.73	164.42	15.98	10.71	PASS
1517.00†	1517.00	0.00	0.00	1515.66	1515.53	-60.55	153.49	111.53	165.00	17.04	10.05	PASS
1617.00†	1617.00	0.00	0.00	1616.01	1615.63	-67.34	151.62	113.95	165.91	17.48	9.64	PASS
1717.00†	1717.00	0.00	0.00	1714.31	1713.50	-76.10	148.93	117.07	167.29	18.08	9.39	PASS
1817.00†	1817.00	0.00	0.00	1815.37	1814.02	-85.93	145.72	120.53	169.20	18.76	9.15	PASS
1917.00†	1917.00	0.00	0.00	1914.08	1912.19	-95.72	142.23	123.94	171.51	19.45	8.94	PASS
2000.00	2000.00	0.00	0.00	1996.87	1994.46	-104.45	139.08	126.91	174.02	20.05	8.79	PASS
2017.00†	2017.00	-0.04	-0.02	2014.50	2011.97	-106.31	138.34	-80.04	174.53	20.18	8.76	PASS
2117.00†	2116.97	-2.12	-1.11	2117.11	2113.99	-116.07	133.12	-77.21	176.10	20.97	8.50	PASS
2217.00†	2216.79	-7.28	-3.80	2216.36	2212.75	-124.58	128.19	-75.89	176.63	21.77	8.21	PASS
2317.00†	2316.35	-15.53	-8.11	2314.82	2310.71	-133.43	123.93	-75.70	177.11	22.59	7.93	PASS
2337.33	2336.55	-17.58	-9.18	2334.86	2330.64	-135.42	123.03	-75.74	177.20	22.77	7.87	PASS
2417.00†	2415.67	-25.88	-13.51	2413.71	2408.92	-143.93	119.21	-75.77	177.76	23.47	7.66	PASS
2517.00†	2514.98	-36.30	-18.95	2514.58	2508.90	-156.06	113.43	-75.31	178.62	24.41	7.39	PASS
2617.00†	2614.28	-46.71	-24.39	2615.27	2608.53	-168.64	106.20	-74.43	178.75	25.40	7.11	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	
2717.00†	2713.59	-57.12	-29.82	2715.11	2707.40	-180.70	99.32	-73.72	178.85	26.40	6.84	PASS	
2817.00†	2812.90	-67.54	-35.26	2814.56	2805.91	-192.67	92.78	-73.09	179.17	27.43	6.59	PASS	
2917.00†	2912.21	-77.95	-40.70	2915.80	2906.23	-204.59	86.15	-72.52	179.34	28.49	6.35	PASS	
3017.00†	3011.51	-88.36	-46.14	3015.13	3004.81	-215.24	80.40	-72.37	179.32	29.55	6.12	PASS	
3117.00†	3110.82	-98.78	-51.57	3114.38	3103.28	-226.39	74.90	-72.16	179.82	30.62	5.92	PASS	
3217.00†	3210.13	-109.19	-57.01	3216.61	3204.48	-238.77	67.45	-71.33	179.75	31.76	5.70	PASS	
3317.00†	3309.44	-119.61	-62.45	3316.29	3303.21	-250.18	59.68	-70.56	178.89	32.89	5.48	PASS	
3417.00†	3408.74	-130.02	-67.88	3412.23	3398.05	-262.90	52.79	-69.57	179.82	34.02	5.32	PASS	
3517.00†	3508.05	-140.43	-73.32	3511.12	3495.57	-277.63	45.61	-68.19	182.00	35.22	5.20	PASS	
3617.00†	3607.36	-150.85	-78.76	3610.18	3593.08	-293.36	38.08	-66.58	184.84	36.39	5.11	PASS	
3717.00†	3706.67	-161.26	-84.20	3709.78	3691.15	-309.17	30.89	-65.10	188.05	37.55	5.04	PASS	
3817.00†	3805.98	-171.67	-89.63	3810.06	3790.01	-324.67	24.28	-63.89	191.41	38.71	4.97	PASS	
3917.00†	3905.28	-182.09	-95.07	3911.25	3890.00	-339.07	18.39	-63.11	194.30	39.89	4.90	PASS	
4017.00†	4004.59	-192.50	-100.51	4011.97	3989.72	-352.17	13.27	-62.75	196.62	41.07	4.81	PASS	
4117.00†	4103.90	-202.92	-105.94	4112.26	4089.12	-364.71	8.52	-62.56	198.74	42.25	4.73	PASS	
4217.00†	4203.21	-213.33	-111.38	4213.35	4189.38	-376.80	4.02	-62.54	200.57	43.44	4.64	PASS	
4317.00†	4302.51	-223.74	-116.82	4314.90	4290.22	-387.92	-0.34	-62.72	201.67	44.64	4.54	PASS	
4417.00†	4401.82	-234.16	-122.26	4414.61	4389.31	-398.23	-4.49	-63.03	202.35	45.84	4.44	PASS	
4517.00†	4501.13	-244.57	-127.69	4513.70	4487.75	-408.92	-8.55	-63.27	203.43	47.04	4.35	PASS	
4617.00†	4600.44	-254.98	-133.13	4613.01	4586.31	-420.29	-12.87	-63.35	204.91	48.23	4.27	PASS	
4717.00†	4699.74	-265.40	-138.57	4715.10	4687.59	-432.07	-17.91	-63.27	206.12	49.45	4.19	PASS	
4817.00†	4799.05	-275.81	-144.00	4817.60	4789.41	-442.56	-23.20	-63.37	206.13	50.69	4.08	PASS	
4917.00†	4898.36	-286.23	-149.44	4917.85	4889.15	-451.56	-27.76	-63.81	205.49	51.93	3.97	PASS	
5017.00†	4997.67	-296.64	-154.88	5019.10	4990.00	-459.65	-31.70	-64.57	204.45	53.16	3.86	PASS	
5117.00†	5096.97	-307.05	-160.31	5119.11	5089.67	-467.01	-35.26	-65.52	203.17	54.40	3.75	PASS	
5217.00†	5196.28	-317.47	-165.75	5219.35	5189.61	-474.00	-38.50	-66.62	201.84	55.64	3.64	PASS	
5317.00†	5295.59	-327.88	-171.19	5319.42	5289.43	-480.48	-41.37	-67.90	200.45	56.90	3.54	PASS	
5417.00†	5394.90	-338.29	-176.63	5418.97	5388.79	-486.32	-43.42	-69.49	199.23	58.15	3.44	PASS	
5517.00†	5494.20	-348.71	-182.06	5519.42	5489.16	-490.11	-43.06	-72.03	198.34	59.43	3.35	PASS	
5617.00†	5593.51	-359.12	-187.50	5621.84	5591.56	-491.45	-41.94	-75.33	196.73	60.70	3.25	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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
5717.00†	5692.82	-369.54	-192.94	5722.85	5692.57	-491.42	-41.30	-78.85	194.55	61.92	3.15	PASS
5817.00†	5792.13	-379.95	-198.37	5833.08	5802.73	-488.47	-41.54	-83.31	191.01	63.10	3.04	PASS
5862.74	5837.55	-384.71	-200.86	5885.91	5855.15	-482.15	-42.15	-86.69	187.07	63.58	2.95	PASS
5917.00†	5891.09	-392.91	-203.80	5937.94	5905.49	-469.28	-40.75	-81.27	180.62	64.23	2.82	PASS
5989.72†	5961.16	-411.77	-207.67	5998.12	5961.26	-447.29	-35.80	-87.76	175.50	64.60	2.72	PASS
6017.00†	5986.75	-421.11	-209.09	6020.48	5981.38	-437.70	-34.04	-91.81	175.91	64.31	2.74	PASS
6117.00†	6076.06	-465.52	-214.07	6078.95	6032.16	-408.90	-31.24	-102.53	196.37	61.16	3.22	PASS
6217.00†	6156.32	-524.79	-218.61	6106.54	6054.82	-393.20	-30.50	-102.62	251.01	56.53	4.46	PASS
6317.00†	6225.08	-597.12	-222.55	6115.29	6061.81	-387.94	-30.37	-92.49	327.64	53.53	6.15	PASS
6417.00†	6280.25	-680.31	-225.78	6111.02	6058.41	-390.52	-30.43	-73.95	413.95	52.22	7.97	PASS
6517.00†	6320.15	-771.83	-228.21	6098.31	6048.16	-398.03	-30.68	-54.04	502.72	52.07	9.70	PASS
6617.00†	6343.58	-868.91	-229.75	6080.90	6033.79	-407.84	-31.18	-39.20	589.90	52.72	11.25	PASS
6702.88	6350.00	-954.47	-230.33	6062.88	6018.53	-417.41	-31.82	-30.73	661.59	53.65	12.39	PASS
6717.00†	6350.00	-968.58	-230.37	6059.77	6015.86	-419.01	-31.94	-30.51	673.10	53.79	12.58	PASS
6817.00†	6350.00	-1068.58	-230.65	6037.01	5996.04	-430.12	-33.01	-28.96	756.30	54.60	13.92	PASS
6917.00†	6350.00	-1168.58	-230.92	6015.66	5977.07	-439.83	-34.39	-27.55	841.89	55.31	15.30	PASS
7017.00†	6350.00	-1268.58	-231.20	5997.26	5960.48	-447.64	-35.87	-26.37	929.42	55.97	16.69	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

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



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	-12.44	105.49	-12.46	104.31
9.625in Casing Surface	17.00	439.00	422.00	18.00	439.97	-12.44	105.49	-12.37	104.11
8.75in Open Hole	384.00	6690.00	6306.00	384.97	6305.14	-12.46	104.31	27.06	42.01
7in Casing	17.00	6685.00	6668.00	18.00	6304.90	-12.44	105.49	25.54	42.00
6.125in Open Hole	6685.00	10756.00	4071.00	6304.90	6334.68	25.54	42.00	1265.96	53.25

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

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



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	19.67	173.05	83.51	174.17	1.56	288.67	PASS
117.00†	117.00	0.00	0.00	117.93	117.93	19.51	172.80	83.56	173.90	2.10	133.32	PASS
217.00†	217.00	0.00	0.00	217.58	217.58	19.21	172.29	83.64	173.36	3.08	75.74	PASS
317.00†	317.00	0.00	0.00	317.94	317.94	19.04	171.95	83.68	173.00	4.12	51.90	PASS
417.00†	417.00	0.00	0.00	417.62	417.62	19.08	171.51	83.65	172.57	5.15	39.46	PASS
517.00†	517.00	0.00	0.00	517.74	517.73	18.95	171.13	83.68	172.18	6.09	31.76	PASS
617.00†	617.00	0.00	0.00	617.82	617.81	18.53	170.72	83.80	171.73	7.13	26.59	PASS
717.00†	717.00	0.00	0.00	717.77	717.76	18.01	170.29	83.96	171.24	8.20	22.72	PASS
817.00†	817.00	0.00	0.00	817.34	817.33	17.40	170.04	84.16	170.93	9.25	19.90	PASS
917.00†	917.00	0.00	0.00	917.04	917.03	16.74	170.02	84.38	170.85	10.22	17.86	PASS
1017.00†	1017.00	0.00	0.00	1016.98	1016.97	16.13	170.08	84.58	170.85	11.15	16.27	PASS
1117.00†	1117.00	0.00	0.00	1117.13	1117.11	15.57	170.15	84.77	170.86	12.40	14.53	PASS
1217.00†	1217.00	0.00	0.00	1220.37	1220.34	14.57	169.54	85.09	170.20	13.51	13.22	PASS
1317.00†	1317.00	0.00	0.00	1325.19	1325.08	12.34	166.10	85.75	166.76	14.77	11.80	PASS
1417.00†	1417.00	0.00	0.00	1429.43	1429.09	9.75	159.80	86.51	160.55	15.94	10.48	PASS
1517.00†	1517.00	0.00	0.00	1532.81	1532.00	5.42	150.98	87.95	151.82	17.06	9.24	PASS
1617.00†	1617.00	0.00	0.00	1635.46	1633.81	-1.38	139.83	90.57	140.85	17.49	8.17	PASS
1717.00†	1717.00	0.00	0.00	1734.84	1732.02	-10.47	127.68	94.69	128.99	18.09	7.23	PASS
1817.00†	1817.00	0.00	0.00	1833.88	1829.73	-20.83	115.28	100.24	117.84	18.73	6.38	PASS
1917.00†	1917.00	0.00	0.00	1933.47	1927.82	-31.56	101.76	107.23	107.09	19.44	5.58	PASS
2000.00	2000.00	0.00	0.00	2014.46	2007.55	-40.60	90.83	114.09	99.78	20.10	5.02	PASS
2017.00†	2017.00	-0.04	-0.02	2031.18	2024.01	-42.57	88.58	-91.95	98.53	20.24	4.92	PASS
2117.00†	2116.97	-2.12	-1.11	2129.76	2120.77	-55.38	74.76	-82.60	92.77	21.12	4.44	PASS
2217.00†	2216.79	-7.28	-3.80	2228.36	2217.16	-69.73	59.79	-73.15	89.13	22.07	4.08	PASS
2317.00†	2316.35	-15.53	-8.11	2327.30	2314.02	-84.05	45.53	-65.60	87.05	23.07	3.81	PASS
2337.33	2336.55	-17.58	-9.18	2347.50	2333.81	-86.94	42.71	-64.34	86.66	23.28	3.76	PASS
2417.00†	2415.67	-25.88	-13.51	2427.02	2411.80	-98.08	31.87	-59.63	85.37	24.07	3.58	PASS
2517.00†	2514.98	-36.30	-18.95	2526.23	2509.13	-111.80	18.46	-53.74	84.47	25.06	3.40	PASS
2617.00†	2614.28	-46.71	-24.39	2625.20	2605.87	-126.83	3.97	-46.77	85.41	26.02	3.31	PASS
2717.00†	2713.59	-57.12	-29.82	2724.81	2703.17	-142.25	-10.81	-39.84	87.85	26.94	3.29	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

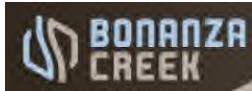
NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	
2817.00†	2812.90	-67.54	-35.26	2824.73	2800.93	-157.18	-25.04	-33.76	91.01	27.83	3.29	PASS	
2917.00†	2912.21	-77.95	-40.70	2925.62	2899.86	-171.27	-38.94	-28.39	94.15	28.73	3.30	PASS	
3017.00†	3011.51	-88.36	-46.14	3026.58	2999.10	-183.92	-52.53	-23.54	96.57	29.62	3.28	PASS	
3117.00†	3110.82	-98.78	-51.57	3126.77	3097.76	-195.64	-65.41	-19.26	98.72	30.68	3.24	PASS	
3217.00†	3210.13	-109.19	-57.01	3226.72	3196.33	-206.98	-77.51	-15.58	100.86	31.42	3.23	PASS	
3317.00†	3309.44	-119.61	-62.45	3325.37	3293.53	-218.80	-89.48	-12.19	104.03	32.22	3.25	PASS	
3417.00†	3408.74	-130.02	-67.88	3423.83	3390.39	-231.28	-102.06	-8.80	108.43	33.03	3.30	PASS	
3517.00†	3508.05	-140.43	-73.32	3520.79	3485.28	-244.97	-116.42	-5.08	115.34	33.79	3.43	PASS	
3617.00†	3607.36	-150.85	-78.76	3618.80	3580.87	-259.83	-132.24	-1.40	124.25	34.61	3.61	PASS	
3717.00†	3706.67	-161.26	-84.20	3717.04	3676.41	-275.44	-148.91	1.94	134.68	35.44	3.82	PASS	
3817.00†	3805.98	-171.67	-89.63	3816.33	3772.93	-291.17	-166.10	4.95	145.67	36.34	4.03	PASS	
3917.00†	3905.28	-182.09	-95.07	3915.50	3869.33	-306.75	-183.42	7.60	156.97	37.27	4.24	PASS	
4017.00†	4004.59	-192.50	-100.51	4015.57	3966.65	-322.37	-200.69	9.88	168.36	38.25	4.43	PASS	
4117.00†	4103.90	-202.92	-105.94	4116.74	4065.25	-337.31	-217.72	11.95	179.03	39.29	4.58	PASS	
4217.00†	4203.21	-213.33	-111.38	4217.09	4163.25	-351.18	-234.27	13.89	188.95	40.33	4.71	PASS	
4317.00†	4302.51	-223.74	-116.82	4318.71	4262.58	-364.47	-251.10	15.82	198.57	41.42	4.82	PASS	
4417.00†	4401.82	-234.16	-122.26	4422.25	4364.15	-376.65	-267.01	17.62	206.59	42.57	4.88	PASS	
4517.00†	4501.13	-244.57	-127.69	4524.16	4464.45	-387.86	-281.12	19.12	213.11	43.72	4.90	PASS	
4617.00†	4600.44	-254.98	-133.13	4623.21	4562.01	-398.39	-294.60	20.53	219.35	44.79	4.92	PASS	
4717.00†	4699.74	-265.40	-138.57	4717.48	4654.57	-407.07	-310.18	22.51	227.07	45.81	4.98	PASS	
4817.00†	4799.05	-275.81	-144.00	4817.99	4753.04	-418.39	-326.89	24.09	236.42	46.96	5.06	PASS	
4917.00†	4898.36	-286.23	-149.44	4923.68	4856.93	-431.00	-341.61	25.10	244.14	48.17	5.09	PASS	
5017.00†	4997.67	-296.64	-154.88	5033.23	4965.21	-442.81	-353.23	25.81	248.52	49.40	5.05	PASS	
5117.00†	5096.97	-307.05	-160.31	5136.80	5067.98	-451.83	-362.37	26.61	250.25	50.57	4.97	PASS	
5217.00†	5196.28	-317.47	-165.75	5239.03	5169.55	-459.96	-370.64	27.44	251.00	51.69	4.88	PASS	
5317.00†	5295.59	-327.88	-171.19	5344.53	5274.53	-467.23	-378.10	28.37	250.35	52.83	4.76	PASS	
5417.00†	5394.90	-338.29	-176.63	5452.08	5381.82	-472.74	-383.13	29.36	246.76	53.96	4.59	PASS	
5517.00†	5494.20	-348.71	-182.06	5559.59	5489.23	-476.07	-385.92	30.54	240.42	55.06	4.38	PASS	
5617.00†	5593.51	-359.12	-187.50	5661.97	5591.61	-476.21	-387.01	32.17	231.34	56.24	4.13	PASS	
5717.00†	5692.82	-369.54	-192.94	5760.90	5690.53	-476.12	-388.12	33.94	222.40	57.50	3.88	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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
5817.00†	5792.13	-379.95	-198.37	5868.04	5797.52	-472.10	-389.78	37.02	212.50	58.96	3.62	PASS
5862.74	5837.55	-384.71	-200.86	5915.82	5844.79	-465.39	-391.16	39.80	206.81	59.97	3.46	PASS
5917.00†	5891.09	-392.91	-203.80	5972.18	5899.17	-451.06	-394.16	58.74	199.21	61.36	3.26	PASS
6017.00†	5986.75	-421.11	-209.09	6063.65	5982.55	-413.83	-396.55	84.11	187.65	65.56	2.87	PASS
6052.81†	6019.61	-435.21	-210.92	6086.70	6002.64	-402.54	-396.46	90.68	189.16	67.11	2.83	PASS
6117.00†	6076.06	-465.52	-214.07	6118.42	6029.52	-385.72	-395.82	98.82	203.88	68.43	2.99	PASS
6217.00†	6156.32	-524.79	-218.61	6143.91	6050.37	-371.09	-394.98	101.01	256.82	66.74	3.86	PASS
6317.00†	6225.08	-597.12	-222.55	6151.89	6056.76	-366.30	-394.70	92.19	333.54	64.20	5.21	PASS
6417.00†	6280.25	-680.31	-225.78	6148.01	6053.67	-368.64	-394.84	73.57	420.78	62.69	6.74	PASS
6517.00†	6320.15	-771.83	-228.21	6135.91	6043.91	-375.79	-395.25	52.01	510.95	62.27	8.24	PASS
6617.00†	6343.58	-868.91	-229.75	6117.71	6028.93	-386.10	-395.84	35.59	599.74	62.65	9.61	PASS
6702.88	6350.00	-954.47	-230.33	6097.21	6011.65	-397.13	-396.32	26.34	672.80	63.34	10.67	PASS
6717.00†	6350.00	-968.58	-230.37	6093.64	6008.61	-398.99	-396.37	26.14	684.51	63.46	10.83	PASS
6817.00†	6350.00	-1068.58	-230.65	6069.91	5988.05	-410.83	-396.55	24.86	768.88	64.16	12.03	PASS
6917.00†	6350.00	-1168.58	-230.92	6046.95	5967.77	-421.58	-396.48	23.68	855.29	64.70	13.27	PASS
7017.00†	6350.00	-1268.58	-231.20	6026.54	5949.45	-430.60	-396.25	22.68	943.35	65.19	14.53	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	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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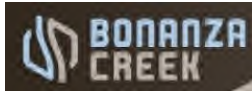


REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

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	11.99	105.49	11.82	105.00
9.625in Casing Intermediate	17.00	437.00	420.00	17.00	437.00	11.99	105.49	11.82	105.00
8.5in Open Hole	437.00	6731.00	6294.00	437.00	6312.77	11.82	105.00	44.61	-63.89
7in Casing	17.00	6731.00	6714.00	17.00	6312.77	11.99	105.49	44.61	-63.89
6.125in Open Hole	6731.00	10830.00	4099.00	6312.77	6330.27	44.61	-63.89	1293.38	-49.00

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

OFFSET WELLPATH REFERENCE - Offset Wellbore: STATE NORTH PLATTE 024-K21-26HNB AWB Offset Wellpath: STATE NORTH PLATTE 024-K21-26HNB AWP	
MD Reference: CADE 22 (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	17.00ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	-1302.76	-869.21	-146.29	1566.11	25.40	63.63	PASS
117.00†	117.00	0.00	0.00	99.00	117.00	-1302.76	-869.21	-146.29	1566.11	52.26	30.42	PASS
217.00†	217.00	0.00	0.00	199.00	217.00	-1302.76	-869.21	-146.29	1566.11	54.56	29.12	PASS
317.00†	317.00	0.00	0.00	299.00	317.00	-1302.76	-869.21	-146.29	1566.11	56.86	27.92	PASS
417.00†	417.00	0.00	0.00	399.00	417.00	-1302.76	-869.21	-146.29	1566.11	59.17	26.82	PASS
517.00†	517.00	0.00	0.00	499.00	517.00	-1302.76	-869.21	-146.29	1566.11	61.50	25.79	PASS
617.00†	617.00	0.00	0.00	599.00	617.00	-1302.76	-869.21	-146.29	1566.11	63.84	24.83	PASS
717.00†	717.00	0.00	0.00	699.00	717.00	-1302.76	-869.21	-146.29	1566.11	66.18	23.94	PASS
817.00†	817.00	0.00	0.00	799.00	817.00	-1302.76	-869.21	-146.29	1566.11	68.54	23.11	PASS
917.00†	917.00	0.00	0.00	899.00	917.00	-1302.76	-869.21	-146.29	1566.11	70.91	22.33	PASS
1017.00†	1017.00	0.00	0.00	999.00	1017.00	-1302.76	-869.21	-146.29	1566.11	73.29	21.59	PASS
1117.00†	1117.00	0.00	0.00	1099.00	1117.00	-1302.76	-869.21	-146.29	1566.11	75.68	20.91	PASS
1217.00†	1217.00	0.00	0.00	1199.00	1217.00	-1302.76	-869.21	-146.29	1566.11	78.08	20.26	PASS
1317.00†	1317.00	0.00	0.00	1299.00	1317.00	-1302.76	-869.21	-146.29	1566.11	80.49	19.64	PASS
1417.00†	1417.00	0.00	0.00	1399.00	1417.00	-1302.76	-869.21	-146.29	1566.11	82.91	19.06	PASS
1517.00†	1517.00	0.00	0.00	1499.00	1517.00	-1302.76	-869.21	-146.29	1566.11	85.34	18.52	PASS
1617.00†	1617.00	0.00	0.00	1599.00	1617.00	-1302.76	-869.21	-146.29	1566.11	86.89	18.02	PASS
1717.00†	1717.00	0.00	0.00	1699.00	1717.00	-1302.76	-869.21	-146.29	1566.11	89.18	17.56	PASS
1817.00†	1817.00	0.00	0.00	1799.00	1817.00	-1302.76	-869.21	-146.29	1566.11	91.47	17.12	PASS
1917.00†	1917.00	0.00	0.00	1899.00	1917.00	-1302.76	-869.21	-146.29	1566.11	93.78	16.70	PASS
2000.00	2000.00	0.00	0.00	1982.00	2000.00	-1302.76	-869.21	-146.29	1566.11	95.70	16.37	PASS
2017.00†	2017.00	-0.04	-0.02	1999.00	2017.00	-1302.76	-869.21	6.14	1566.06	96.09	16.30	PASS
2117.00†	2116.97	-2.12	-1.11	2098.97	2116.97	-1302.76	-869.21	6.16	1563.74	98.43	15.89	PASS
2217.00†	2216.79	-7.28	-3.80	2198.79	2216.79	-1302.76	-869.21	6.19	1557.94	100.82	15.45	PASS
2317.00†	2316.35	-15.53	-8.11	2298.35	2316.35	-1302.76	-869.21	6.25	1548.69	103.22	15.00	PASS
2337.33	2336.55	-17.58	-9.18	2318.55	2336.55	-1302.76	-869.21	6.26	1546.39	103.70	14.91	PASS
2417.00†	2415.67	-25.88	-13.51	2397.67	2415.67	-1302.76	-869.21	6.30	1537.08	105.57	14.56	PASS
2517.00†	2514.98	-36.30	-18.95	2496.98	2514.98	-1302.76	-869.21	6.35	1525.41	107.92	14.13	PASS
2617.00†	2614.28	-46.71	-24.39	2596.28	2614.28	-1302.76	-869.21	6.40	1513.73	110.28	13.73	PASS
2717.00†	2713.59	-57.12	-29.82	2695.59	2713.59	-1302.76	-869.21	6.45	1502.06	112.66	13.33	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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
2817.00†	2812.90	-67.54	-35.26	2794.90	2812.90	-1302.76	-869.21	6.50	1490.38	115.04	12.96	PASS
2917.00†	2912.21	-77.95	-40.70	2894.21	2912.21	-1302.76	-869.21	6.55	1478.71	117.43	12.59	PASS
3017.00†	3011.51	-88.36	-46.14	2993.51	3011.51	-1302.76	-869.21	6.60	1467.04	119.84	12.24	PASS
3117.00†	3110.82	-98.78	-51.57	3092.82	3110.82	-1302.76	-869.21	6.66	1455.37	122.25	11.91	PASS
3217.00†	3210.13	-109.19	-57.01	3192.13	3210.13	-1302.76	-869.21	6.71	1443.70	124.67	11.58	PASS
3317.00†	3309.44	-119.61	-62.45	3291.44	3309.44	-1302.76	-869.21	6.77	1432.03	127.10	11.27	PASS
3417.00†	3408.74	-130.02	-67.88	3390.74	3408.74	-1302.76	-869.21	6.82	1420.37	129.54	10.96	PASS
3517.00†	3508.05	-140.43	-73.32	3490.05	3508.05	-1302.76	-869.21	6.88	1408.70	132.00	10.67	PASS
3617.00†	3607.36	-150.85	-78.76	3589.36	3607.36	-1302.76	-869.21	6.94	1397.04	134.46	10.39	PASS
3717.00†	3706.67	-161.26	-84.20	3688.67	3706.67	-1302.76	-869.21	7.00	1385.37	136.92	10.12	PASS
3817.00†	3805.98	-171.67	-89.63	3787.98	3805.98	-1302.76	-869.21	7.06	1373.71	139.40	9.85	PASS
3917.00†	3905.28	-182.09	-95.07	3887.28	3905.28	-1302.76	-869.21	7.12	1362.05	141.89	9.60	PASS
4017.00†	4004.59	-192.50	-100.51	3986.59	4004.59	-1302.76	-869.21	7.18	1350.40	144.38	9.35	PASS
4117.00†	4103.90	-202.92	-105.94	4085.90	4103.90	-1302.76	-869.21	7.24	1338.74	146.88	9.11	PASS
4217.00†	4203.21	-213.33	-111.38	4185.21	4203.21	-1302.76	-869.21	7.30	1327.09	149.39	8.88	PASS
4317.00†	4302.51	-223.74	-116.82	4284.51	4302.51	-1302.76	-869.21	7.37	1315.43	151.91	8.66	PASS
4417.00†	4401.82	-234.16	-122.26	4383.82	4401.82	-1302.76	-869.21	7.44	1303.78	154.43	8.44	PASS
4517.00†	4501.13	-244.57	-127.69	4483.13	4501.13	-1302.76	-869.21	7.50	1292.13	156.96	8.23	PASS
4617.00†	4600.44	-254.98	-133.13	4582.44	4600.44	-1302.76	-869.21	7.57	1280.49	159.50	8.03	PASS
4717.00†	4699.74	-265.40	-138.57	4681.74	4699.74	-1302.76	-869.21	7.64	1268.84	162.05	7.83	PASS
4817.00†	4799.05	-275.81	-144.00	4781.05	4799.05	-1302.76	-869.21	7.71	1257.20	164.60	7.64	PASS
4917.00†	4898.36	-286.23	-149.44	4880.36	4898.36	-1302.76	-869.21	7.79	1245.55	167.16	7.45	PASS
5017.00†	4997.67	-296.64	-154.88	4979.67	4997.67	-1302.76	-869.21	7.86	1233.91	169.73	7.27	PASS
5117.00†	5096.97	-307.05	-160.31	5078.97	5096.97	-1302.76	-869.21	7.93	1222.28	172.30	7.09	PASS
5217.00†	5196.28	-317.47	-165.75	5178.28	5196.28	-1302.76	-869.21	8.01	1210.64	174.88	6.92	PASS
5317.00†	5295.59	-327.88	-171.19	5277.59	5295.59	-1302.76	-869.21	8.09	1199.01	177.46	6.76	PASS
5417.00†	5394.90	-338.29	-176.63	5376.90	5394.90	-1302.76	-869.21	8.17	1187.38	180.05	6.59	PASS
5517.00†	5494.20	-348.71	-182.06	5476.20	5494.20	-1302.76	-869.21	8.25	1175.75	182.64	6.44	PASS
5617.00†	5593.51	-359.12	-187.50	5575.51	5593.51	-1302.76	-869.21	8.33	1164.12	185.24	6.28	PASS
5717.00†	5692.82	-369.54	-192.94	5674.82	5692.82	-1302.76	-869.21	8.42	1152.50	187.85	6.14	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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
5817.00†	5792.13	-379.95	-198.37	5774.13	5792.13	-1302.76	-869.21	8.50	1140.87	190.46	5.99	PASS
5862.74	5837.55	-384.71	-200.86	5819.55	5837.55	-1302.76	-869.21	8.54	1135.56	191.65	5.93	PASS
5917.00†	5891.09	-392.91	-203.80	5873.09	5891.09	-1302.76	-869.21	21.36	1127.21	193.08	5.84	PASS
6017.00†	5986.75	-421.11	-209.09	5968.75	5986.75	-1302.76	-869.21	30.57	1101.39	195.86	5.62	PASS
6117.00†	6076.06	-465.52	-214.07	6058.06	6076.06	-1302.76	-869.21	37.10	1063.09	198.79	5.35	PASS
6217.00†	6156.32	-524.79	-218.61	6138.32	6156.32	-1302.76	-869.21	44.36	1014.16	201.48	5.03	PASS
6317.00†	6225.08	-597.12	-222.55	6207.08	6225.08	-1302.76	-869.21	53.28	957.13	203.89	4.69	PASS
6417.00†	6280.25	-680.31	-225.78	6262.25	6280.25	-1302.76	-869.21	63.75	895.23	206.09	4.34	PASS
6517.00†	6320.15	-771.83	-228.21	6302.15	6320.15	-1302.76	-869.21	74.62	832.32	208.23	4.00	PASS
6617.00†	6343.58	-868.91	-229.75	6325.58	6343.58	-1302.76	-869.21	84.09	772.75	210.50	3.67	PASS
6702.88	6350.00	-954.47	-230.33	6332.00	6350.00	-1302.76	-869.21	90.00	727.65	212.65	3.42	PASS
6717.00†	6350.00	-968.58	-230.37	6332.00	6350.00	-1302.76	-869.21	90.00	720.96	213.02	3.38	PASS
6817.00†	6350.00	-1068.58	-230.65	6332.00	6350.00	-1302.76	-869.21	90.00	680.15	216.02	3.15	PASS
6917.00†	6350.00	-1168.58	-230.92	6332.00	6350.00	-1302.76	-869.21	90.00	652.24	219.55	2.97	PASS
7017.00†	6350.00	-1268.58	-231.20	6332.00	6350.00	-1302.76	-869.21	90.00	638.93	223.15	2.86	PASS
7054.50†	6350.00	-1306.08	-231.30	6333.19	6351.19	-1302.76	-869.21	90.11	637.92	224.46	2.84	PASS
7106.56†	6350.00	-1358.14	-231.44	6332.00	6350.00	-1302.76	-869.21	90.00	640.17	226.07	2.83	PASS
7117.00†	6350.00	-1368.58	-231.47	6332.00	6350.00	-1302.76	-869.21	90.00	641.13	226.38	2.83	PASS
7217.00†	6350.00	-1468.58	-231.74	6332.00	6350.00	-1302.76	-869.21	90.00	658.68	228.88	2.88	PASS
7317.00†	6350.00	-1568.58	-232.02	6332.00	6350.00	-1302.76	-869.21	90.00	690.42	230.52	3.00	PASS
7417.00†	6350.00	-1668.58	-232.29	6332.00	6350.00	-1302.76	-869.21	90.00	734.50	231.38	3.17	PASS
7517.00†	6350.00	-1768.58	-232.57	6332.00	6350.00	-1302.76	-869.21	90.00	788.87	231.62	3.41	PASS
7617.00†	6350.00	-1868.58	-232.84	6332.00	6350.00	-1302.76	-869.21	90.00	851.54	231.45	3.68	PASS
7717.00†	6350.00	-1968.58	-233.12	6332.00	6350.00	-1302.76	-869.21	90.00	920.84	231.03	3.99	PASS
7817.00†	6350.00	-2068.58	-233.39	6332.00	6350.00	-1302.76	-869.21	90.00	995.37	230.48	4.32	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

POSITIONAL UNCERTAINTY - Offset Wellbore: 70 RANCH USX BB #35-03 AWB Offset Wellpath: 70 RANCH USX BB #35-03 AWP			
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical 1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical 3.000ft

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

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



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: NORTH PLATTE F11-35-2XRLNB PWB Offset Wellpath: NORTH PLATTE F11-35-2XRLNB (REV-A.0) PWP												
Facility: SEC.26-T5N-R63W		Slot: SLOT#21 NORTH PLATTE F11-35-2XRLNB (WELL 3, STATE NORTH PLATTE I-26 PAD)			Well: NORTH PLATTE F11-35-2XRLNB			Threshold Value=1.00 † = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	22.00	17.00	940.31	-1085.37	-49.10	1436.04	1.42	2331.89	PASS

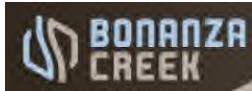
C-C Clearance Distance Cutoff: 1000.00 ft

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

HOLE & CASING SECTIONS - Offset Wellbore: NORTH PLATTE F11-35-2XRLNB PWB Offset Wellpath: NORTH PLATTE F11-35-2XRLNB (REV-A.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Open Hole	17.00	1550.00	1533.00	12.00	1545.00	573.23	-661.63	573.23	-661.63

SURVEY PROGRAM - Offset Wellbore: NORTH PLATTE F11-35-2XRLNB (REV-A.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1550.00	BHI NaviTrak (Rotating+Axial Corr)		NORTH PLATTE F11-35-2XRLNB PWB
1550.00	16638.65	BHI AutoTrak Curve (Axial Corr, Short spacing)		NORTH PLATTE F11-35-2XRLNB PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: NORTH PLATTE F11-35-2XRLNB PWB Offset Wellpath: NORTH PLATTE F11-35-2XRLNB (REV-A.0) PWP	
MD Reference: RIG (4555'GL + 17'RKB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	17.00ft



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NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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
17.00	17.00	0.00	0.00	10702.00	6280.83	-6418.60	677.06	173.98	8994.02	77.99	116.29
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
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	-6479.48	-120.52	-6477.61	-119.81
8.75in Open Hole	798.00	6715.00	5917.00	827.96	6289.23	-6477.66	-119.85	-6411.15	144.53
7in Casing Intermediate	17.00	6661.00	6644.00	47.00	6284.14	-6479.48	-120.52	-6427.53	144.22
6.125in Open Hole	6715.00	10702.00	3987.00	6289.23	6280.83	-6411.15	144.53	-5196.13	146.11

WELLPATH COMPOSITION - Offset Wellbore: LATHAM T-P-2HNB AWB Offset Wellpath: LATHAM T-P-2HNB AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	6609.00	BHI NaviTrak (Standard)	BHI/Navitrak MWD 8.75" Hole <17'-6609'>	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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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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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NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	-6172.19	1005.58	170.75	8988.65	86.85	104.28	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

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

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

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

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	170.00	800.00	630.00	200.00	829.99	-6488.24	-112.07	-6487.69	-112.19
9.625in Casing Surface	17.00	789.00	772.00	47.00	818.99	-6488.36	-112.02	-6487.70	-112.21
8.75in Open Hole	800.00	7143.00	6343.00	829.99	6474.61	-6487.69	-112.19	-6346.43	247.84
7in Casing Intermediate	17.00	7143.00	7126.00	47.00	6474.61	-6488.36	-112.02	-6346.43	247.84
6.125in Open Hole	7143.00	11150.00	4007.00	6474.61	6473.68	-6346.43	247.84	-5125.47	250.49

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

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



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NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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

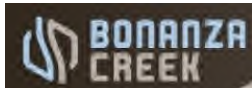
NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7, STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: NORTH PLATTE P-35-2MRLNB PWB Offset Wellpath: NORTH PLATTE P-35-2MRLNB (REV-A.0) PWP												
Facility: SEC.26-T5N-R63W		Slot: SLOT#30 NORTH PLATTE P-35-2MRLNB (WELL 3, STATE NORTH PLATTE O-26 PAD)			Well: NORTH PLATTE P-35-2MRLNB			Threshold Value=1.00		† = interpolated/extrapolated station		
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	17.00	17.00	80.15	0.84	0.60	80.15	1.40	132.25	PASS
117.00†	117.00	0.00	0.00	117.00	117.00	80.15	0.84	0.60	80.15	2.02	65.08	PASS
217.00†	217.00	0.00	0.00	217.00	217.00	80.15	0.84	0.60	80.15	3.00	36.08	PASS
317.00†	317.00	0.00	0.00	317.00	317.00	80.15	0.84	0.60	80.15	4.02	24.63	PASS
417.00†	417.00	0.00	0.00	417.00	417.00	80.15	0.84	0.60	80.15	5.06	18.64	PASS
517.00†	517.00	0.00	0.00	517.00	517.00	80.15	0.84	0.60	80.15	6.10	14.98	PASS
617.00†	617.00	0.00	0.00	617.00	617.00	80.15	0.84	0.60	80.15	7.14	12.52	PASS
717.00†	717.00	0.00	0.00	717.00	717.00	80.15	0.84	0.60	80.15	8.18	10.75	PASS
817.00†	817.00	0.00	0.00	817.00	817.00	80.15	0.84	0.60	80.15	9.23	9.42	PASS
917.00†	917.00	0.00	0.00	917.00	917.00	80.15	0.84	0.60	80.15	10.27	8.38	PASS
1017.00†	1017.00	0.00	0.00	1017.00	1017.00	80.15	0.84	0.60	80.15	11.32	7.55	PASS
1117.00†	1117.00	0.00	0.00	1117.00	1117.00	80.15	0.84	0.60	80.15	12.36	6.86	PASS
1217.00†	1217.00	0.00	0.00	1217.00	1217.00	80.15	0.84	0.60	80.15	13.41	6.29	PASS
1317.00†	1317.00	0.00	0.00	1317.00	1317.00	80.15	0.84	0.60	80.15	14.46	5.81	PASS
1417.00†	1417.00	0.00	0.00	1417.00	1417.00	80.15	0.84	0.60	80.15	15.50	5.40	PASS
1517.00†	1517.00	0.00	0.00	1517.00	1517.00	80.15	0.84	0.60	80.15	16.55	5.04	PASS
1617.00†	1617.00	0.00	0.00	1617.00	1617.00	80.15	0.84	0.60	80.15	16.27	4.92	PASS
1717.00†	1717.00	0.00	0.00	1717.00	1717.00	80.15	0.84	0.60	80.15	16.33	4.91	PASS
1817.00†	1817.00	0.00	0.00	1817.00	1817.00	80.15	0.84	0.60	80.15	16.46	4.87	PASS
1917.00†	1917.00	0.00	0.00	1917.00	1917.00	80.15	0.84	0.60	80.15	16.65	4.81	PASS
2000.00	2000.00	0.00	0.00	2000.00	2000.00	80.15	0.84	0.60	80.15	16.85	4.76	PASS
2017.00†	2017.00	-0.04	-0.02	2017.19	2017.19	80.13	0.88	153.08	80.18	16.90	4.74	PASS
2117.00†	2116.97	-2.12	-1.11	2118.19	2118.16	79.17	3.07	155.37	81.40	17.26	4.72	PASS
2217.00†	2216.79	-7.28	-3.80	2218.73	2218.52	76.79	8.48	160.72	84.98	17.80	4.78	PASS
2317.00†	2316.35	-15.53	-8.11	2318.42	2317.76	73.04	17.02	168.22	92.07	18.40	5.00	PASS
2337.33	2336.55	-17.58	-9.18	2338.54	2337.75	72.11	19.13	169.89	94.06	18.52	5.08	PASS
2417.00†	2415.67	-25.88	-13.51	2417.03	2415.56	67.96	28.58	176.56	102.85	18.92	5.44	PASS
2517.00†	2514.98	-36.30	-18.95	2514.59	2511.82	61.60	43.03	-175.18	115.91	19.50	5.94	PASS
2617.00†	2614.28	-46.71	-24.39	2610.90	2606.28	54.04	60.24	-167.37	131.82	20.16	6.54	PASS
2717.00†	2713.59	-57.12	-29.82	2705.79	2698.67	45.35	80.03	-160.23	150.96	20.90	7.22	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

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

Facility: SEC.26-T5N-R63W Slot: SLOT#30 NORTH PLATTE P-35-2MRLNB (WELL 3, STATE NORTH PLATTE O-26 PAD) Well: NORTH PLATTE P-35-2MRLNB Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2817.00†	2812.90	-67.54	-35.26	2799.06	2788.74	35.60	102.20	-153.88	173.54	21.70	8.00	PASS
2917.00†	2912.21	-77.95	-40.70	2890.58	2876.31	24.90	126.55	-148.34	199.60	22.54	8.85	PASS
3017.00†	3011.51	-88.36	-46.14	2980.94	2961.90	13.25	153.06	-143.52	229.06	23.39	9.79	PASS
3117.00†	3110.82	-98.78	-51.57	3074.40	3050.09	0.81	181.37	-139.47	260.52	24.32	10.71	PASS
3217.00†	3210.13	-109.19	-57.01	3167.85	3138.27	-11.63	209.68	-136.28	292.93	25.26	11.60	PASS
3317.00†	3309.44	-119.61	-62.45	3261.30	3226.46	-24.07	238.00	-133.73	326.00	26.23	12.43	PASS
3417.00†	3408.74	-130.02	-67.88	3354.75	3314.65	-36.51	266.31	-131.63	359.56	27.21	13.21	PASS
3517.00†	3508.05	-140.43	-73.32	3448.20	3402.83	-48.96	294.62	-129.90	393.47	28.22	13.94	PASS
3617.00†	3607.36	-150.85	-78.76	3541.66	3491.02	-61.40	322.93	-128.43	427.66	29.24	14.62	PASS
3717.00†	3706.67	-161.26	-84.20	3635.11	3579.21	-73.84	351.24	-127.18	462.06	30.28	15.26	PASS
3817.00†	3805.98	-171.67	-89.63	3728.56	3667.39	-86.28	379.55	-126.11	496.62	31.34	15.85	PASS
3917.00†	3905.28	-182.09	-95.07	3822.01	3755.58	-98.72	407.87	-125.17	531.32	32.41	16.39	PASS
4017.00†	4004.59	-192.50	-100.51	3915.46	3843.77	-111.17	436.18	-124.35	566.14	33.50	16.90	PASS
4117.00†	4103.90	-202.92	-105.94	4008.91	3931.95	-123.61	464.49	-123.62	601.04	34.60	17.37	PASS
4217.00†	4203.21	-213.33	-111.38	4102.37	4020.14	-136.05	492.80	-122.97	636.02	35.71	17.81	PASS
4317.00†	4302.51	-223.74	-116.82	4195.82	4108.33	-148.49	521.11	-122.39	671.06	36.83	18.22	PASS
4417.00†	4401.82	-234.16	-122.26	4289.27	4196.51	-160.93	549.42	-121.87	706.16	37.96	18.60	PASS
4517.00†	4501.13	-244.57	-127.69	4382.72	4284.70	-173.37	577.74	-121.39	741.31	39.10	18.96	PASS
4617.00†	4600.44	-254.98	-133.13	4476.17	4372.89	-185.82	606.05	-120.96	776.50	40.25	19.29	PASS
4717.00†	4699.74	-265.40	-138.57	4569.62	4461.07	-198.26	634.36	-120.57	811.72	41.40	19.61	PASS
4817.00†	4799.05	-275.81	-144.00	4663.08	4549.26	-210.70	662.67	-120.21	846.97	42.56	19.90	PASS
4917.00†	4898.36	-286.23	-149.44	4756.53	4637.45	-223.14	690.98	-119.87	882.25	43.73	20.17	PASS
5017.00†	4997.67	-296.64	-154.88	4849.98	4725.63	-235.58	719.30	-119.57	917.56	44.91	20.43	PASS
5117.00†	5096.97	-307.05	-160.31	4943.43	4813.82	-248.03	747.61	-119.28	952.88	46.09	20.68	PASS
5217.00†	5196.28	-317.47	-165.75	5036.88	4902.00	-260.47	775.92	-119.02	988.23	47.27	20.90	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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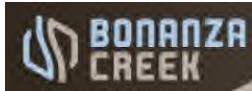
REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

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	48.86	0.51	48.86	0.51

SURVEY PROGRAM - Offset Wellbore: NORTH PLATTE P-35-2MRLNB (REV-A.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1550.00	BHI NaviTrak (Rotating+Axial Corr)		NORTH PLATTE P-35-2MRLNB PWB
1550.00	11599.07	BHI AutoTrak Curve (Axial Corr, Short spacing)		NORTH PLATTE P-35-2MRLNB PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: NORTH PLATTE P-35-2MRLNB PWB Offset Wellpath: NORTH PLATTE P-35-2MRLNB (REV-A.0) PWP	
MD Reference: RIG (4550'GL + 17'RKB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	17.00ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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
17.00	17.00	0.00	0.00	17.00	17.00	-2.19	173.05	90.72	173.07	1.40	287.11	PASS
117.00†	117.00	0.00	0.00	117.10	117.10	-2.33	173.02	90.77	173.04	2.06	136.39	PASS
217.00†	217.00	0.00	0.00	217.19	217.19	-2.73	172.94	90.90	172.96	3.02	77.55	PASS
317.00†	317.00	0.00	0.00	317.79	317.78	-3.42	172.67	91.13	172.71	4.06	52.70	PASS
417.00†	417.00	0.00	0.00	417.53	417.53	-4.30	172.24	91.43	172.30	5.12	39.73	PASS
517.00†	517.00	0.00	0.00	517.32	517.31	-4.88	171.99	91.62	172.06	5.83	33.36	PASS
617.00†	617.00	0.00	0.00	617.15	617.14	-5.35	171.86	91.78	171.94	6.62	28.91	PASS
717.00†	717.00	0.00	0.00	718.41	718.40	-5.60	171.65	91.87	171.74	7.30	25.89	PASS
817.00†	817.00	0.00	0.00	822.21	822.16	-6.52	169.50	92.20	169.71	8.13	22.72	PASS
917.00†	917.00	0.00	0.00	923.73	923.59	-8.66	165.66	92.99	166.02	9.16	19.52	PASS
1017.00†	1017.00	0.00	0.00	1024.92	1024.66	-10.74	161.24	93.81	161.78	10.05	17.21	PASS
1117.00†	1117.00	0.00	0.00	1124.31	1123.89	-13.31	156.23	94.87	156.95	10.98	15.19	PASS
1217.00†	1217.00	0.00	0.00	1227.86	1227.27	-15.74	150.78	95.96	151.95	12.11	13.25	PASS
1317.00†	1317.00	0.00	0.00	1333.76	1332.67	-18.64	141.01	97.53	143.10	13.25	11.34	PASS
1417.00†	1417.00	0.00	0.00	1435.51	1433.43	-23.99	127.97	100.62	131.23	14.39	9.53	PASS
1517.00†	1517.00	0.00	0.00	1536.59	1533.03	-31.71	112.60	105.73	118.07	15.43	7.97	PASS
1617.00†	1617.00	0.00	0.00	1635.31	1629.65	-42.42	95.46	113.96	105.22	15.86	6.74	PASS
1717.00†	1717.00	0.00	0.00	1735.52	1727.20	-54.10	75.71	125.55	93.61	16.64	5.71	PASS
1817.00†	1817.00	0.00	0.00	1833.93	1822.66	-64.28	54.11	139.91	84.21	17.66	4.83	PASS
1886.15†	1886.15	0.00	0.00	1899.52	1886.09	-71.81	39.21	151.37	81.82	18.38	4.51	PASS
1917.00†	1917.00	0.00	0.00	1929.11	1914.67	-75.53	32.51	156.71	82.27	18.68	4.46	PASS
1931.77†	1931.77	0.00	0.00	1943.28	1928.37	-77.33	29.35	159.21	82.78	18.82	4.45	PASS
2000.00	2000.00	0.00	0.00	2008.79	1991.74	-85.73	15.08	170.02	87.44	19.39	4.56	PASS
2017.00†	2017.00	-0.04	-0.02	2025.04	2007.47	-87.88	11.58	-35.08	89.11	19.50	4.62	PASS
2117.00†	2116.97	-2.12	-1.11	2121.00	2100.19	-101.32	-9.17	-22.79	100.94	20.15	5.07	PASS
2217.00†	2216.79	-7.28	-3.80	2218.44	2194.20	-115.84	-30.31	-13.68	114.01	21.02	5.49	PASS
2317.00†	2316.35	-15.53	-8.11	2317.64	2290.09	-130.27	-51.20	-6.87	125.34	21.69	5.85	PASS
2337.33	2336.55	-17.58	-9.18	2337.76	2309.53	-133.06	-55.60	-5.57	127.35	21.82	5.90	PASS
2417.00†	2415.67	-25.88	-13.51	2417.84	2386.89	-143.63	-73.35	-0.62	135.18	22.33	6.12	PASS
2517.00†	2514.98	-36.30	-18.95	2514.84	2480.88	-156.24	-93.76	4.29	145.41	22.94	6.41	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

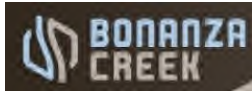
NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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
2617.00†	2614.28	-46.71	-24.39	2608.47	2571.05	-170.76	-114.34	8.16	159.22	23.54	6.83	PASS
2717.00†	2713.59	-57.12	-29.82	2703.51	2661.64	-185.99	-138.69	12.26	176.51	24.22	7.36	PASS
2817.00†	2812.90	-67.54	-35.26	2811.71	2764.99	-200.73	-167.04	16.74	193.39	25.24	7.74	PASS
2917.00†	2912.21	-77.95	-40.70	2915.34	2865.15	-209.39	-192.18	21.05	206.01	26.31	7.91	PASS
3017.00†	3011.51	-88.36	-46.14	3009.54	2956.28	-218.15	-214.33	24.21	219.51	27.06	8.19	PASS
3117.00†	3110.82	-98.78	-51.57	3115.55	3059.24	-228.67	-237.24	26.92	232.39	28.07	8.36	PASS
3217.00†	3210.13	-109.19	-57.01	3211.11	3152.20	-238.34	-257.17	28.97	245.15	28.97	8.54	PASS
3317.00†	3309.44	-119.61	-62.45	3308.69	3246.85	-247.79	-278.93	31.11	259.25	29.89	8.75	PASS
3417.00†	3408.74	-130.02	-67.88	3411.53	3346.78	-257.16	-301.35	33.18	272.96	30.92	8.90	PASS
3517.00†	3508.05	-140.43	-73.32	3511.32	3444.10	-266.58	-321.29	34.77	285.46	31.94	9.01	PASS
3617.00†	3607.36	-150.85	-78.76	3602.43	3532.62	-274.55	-341.33	36.37	299.72	32.89	9.19	PASS
3717.00†	3706.67	-161.26	-84.20	3694.25	3621.20	-283.30	-363.83	37.89	316.85	33.88	9.42	PASS
3817.00†	3805.98	-171.67	-89.63	3793.95	3717.24	-293.50	-388.56	39.28	334.78	35.01	9.63	PASS
3917.00†	3905.28	-182.09	-95.07	3895.75	3815.56	-303.30	-413.11	40.60	351.99	36.16	9.80	PASS
4017.00†	4004.59	-192.50	-100.51	3996.30	3912.87	-313.00	-436.46	41.74	368.51	37.31	9.95	PASS
4117.00†	4103.90	-202.92	-105.94	4093.86	4007.30	-324.39	-458.15	42.42	384.89	38.41	10.09	PASS
4217.00†	4203.21	-213.33	-111.38	4185.77	4095.93	-337.84	-478.42	42.63	402.15	39.43	10.27	PASS
4317.00†	4302.51	-223.74	-116.82	4277.15	4183.41	-353.10	-499.98	42.63	421.58	40.45	10.49	PASS
4417.00†	4401.82	-234.16	-122.26	4381.90	4283.67	-370.48	-524.83	42.65	441.15	41.69	10.65	PASS
4517.00†	4501.13	-244.57	-127.69	4488.49	4386.54	-385.26	-548.53	42.96	458.29	42.97	10.73	PASS
4617.00†	4600.44	-254.98	-133.13	4595.41	4490.16	-397.17	-572.00	43.57	474.33	44.25	10.78	PASS
4717.00†	4699.74	-265.40	-138.57	4704.24	4596.22	-407.94	-593.88	44.22	488.21	45.54	10.78	PASS
4817.00†	4799.05	-275.81	-144.00	4805.57	4695.26	-417.48	-613.08	44.82	500.88	46.75	10.78	PASS
4917.00†	4898.36	-286.23	-149.44	4913.24	4800.70	-426.94	-632.69	45.46	512.71	48.01	10.74	PASS
5017.00†	4997.67	-296.64	-154.88	5031.25	4916.90	-435.57	-651.34	46.23	521.83	49.36	10.63	PASS
5117.00†	5096.97	-307.05	-160.31	5143.70	5028.19	-442.62	-665.83	46.97	527.88	50.65	10.48	PASS
5217.00†	5196.28	-317.47	-165.75	5252.17	5135.82	-448.34	-678.02	47.73	532.17	51.89	10.31	PASS
5317.00†	5295.59	-327.88	-171.19	5360.99	5243.99	-453.83	-688.43	48.45	534.85	53.12	10.12	PASS
5417.00†	5394.90	-338.29	-176.63	5479.47	5362.03	-459.24	-696.95	49.23	535.20	54.34	9.90	PASS
5517.00†	5494.20	-348.71	-182.06	5580.12	5462.47	-462.89	-702.38	49.94	533.64	55.56	9.65	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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
5617.00†	5593.51	-359.12	-187.50	5692.34	5574.55	-465.93	-707.17	50.82	530.88	56.76	9.40	PASS
5717.00†	5692.82	-369.54	-192.94	5801.19	5683.36	-466.78	-709.83	51.87	526.04	57.98	9.11	PASS
5817.00†	5792.13	-379.95	-198.37	5906.19	5788.29	-465.16	-711.42	53.15	520.08	59.24	8.82	PASS
5862.74	5837.55	-384.71	-200.86	5963.18	5844.67	-457.09	-712.54	54.64	516.82	59.95	8.66	PASS
5917.00†	5891.09	-392.91	-203.80	6028.09	5907.70	-441.68	-712.82	70.05	511.62	60.87	8.44	PASS
6017.00†	5986.75	-421.11	-209.09	6118.24	5990.82	-407.08	-711.77	84.17	502.90	63.52	7.95	PASS
6117.00†	6076.06	-465.52	-214.07	6174.85	6039.84	-378.84	-710.58	91.82	505.32	66.85	7.59	PASS
6217.00†	6156.32	-524.79	-218.61	6209.69	6068.88	-359.64	-709.12	94.79	524.91	69.96	7.53	PASS
6317.00†	6225.08	-597.12	-222.55	6218.60	6076.14	-354.50	-708.73	92.36	563.40	72.08	7.84	PASS
6417.00†	6280.25	-680.31	-225.78	6216.41	6074.36	-355.77	-708.82	86.13	617.29	73.51	8.43	PASS
6517.00†	6320.15	-771.83	-228.21	6206.05	6065.89	-361.71	-709.30	76.92	681.39	74.62	9.16	PASS
6617.00†	6343.58	-868.91	-229.75	6182.49	6046.28	-374.74	-710.32	65.54	750.70	75.50	9.98	PASS
6702.88	6350.00	-954.47	-230.33	6154.67	6022.65	-389.39	-711.08	55.83	810.92	76.25	10.67	PASS
6717.00†	6350.00	-968.58	-230.37	6151.15	6019.63	-391.19	-711.15	55.59	820.78	76.40	10.78	PASS
6817.00†	6350.00	-1068.58	-230.65	6129.49	6000.77	-401.83	-711.55	54.12	893.19	77.38	11.58	PASS
6917.00†	6350.00	-1168.58	-230.92	6110.50	5983.91	-410.57	-711.93	52.85	969.52	78.20	12.44	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: STATE NORTH PLATTE 24-21-26HNB AWB Offset Wellpath: STATE NORTH PLATTE 24-21-26HNB AWP			
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical 1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical 3.000ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	-1.33	105.49	-1.98	105.24
9.625in Casing Surface	17.00	476.00	459.00	17.00	475.99	-1.33	105.49	-2.08	105.20
8.75in Open Hole	421.00	6817.00	6396.00	420.99	6303.91	-1.98	105.24	52.59	-162.74
7in Casing Intermediate	17.00	6811.00	6794.00	17.00	6304.06	-1.33	105.49	50.76	-162.80
6.125in Open Hole	6774.00	10876.00	4102.00	6305.13	6336.28	39.49	-163.12	1289.26	-149.66

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



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	-1058.67	756.62	144.45	1301.25	25.40	52.86	PASS
117.00†	117.00	0.00	0.00	97.00	117.00	-1058.67	756.62	144.45	1301.25	52.22	25.29	PASS
217.00†	217.00	0.00	0.00	197.00	217.00	-1058.67	756.62	144.45	1301.25	54.51	24.21	PASS
317.00†	317.00	0.00	0.00	297.00	317.00	-1058.67	756.62	144.45	1301.25	56.81	23.22	PASS
417.00†	417.00	0.00	0.00	397.00	417.00	-1058.67	756.62	144.45	1301.25	59.13	22.30	PASS
517.00†	517.00	0.00	0.00	497.00	517.00	-1058.67	756.62	144.45	1301.25	61.45	21.44	PASS
617.00†	617.00	0.00	0.00	597.00	617.00	-1058.67	756.62	144.45	1301.25	63.79	20.65	PASS
717.00†	717.00	0.00	0.00	697.00	717.00	-1058.67	756.62	144.45	1301.25	66.14	19.90	PASS
817.00†	817.00	0.00	0.00	797.00	817.00	-1058.67	756.62	144.45	1301.25	68.50	19.21	PASS
917.00†	917.00	0.00	0.00	897.00	917.00	-1058.67	756.62	144.45	1301.25	70.86	18.56	PASS
1017.00†	1017.00	0.00	0.00	997.00	1017.00	-1058.67	756.62	144.45	1301.25	73.24	17.95	PASS
1117.00†	1117.00	0.00	0.00	1097.00	1117.00	-1058.67	756.62	144.45	1301.25	75.63	17.38	PASS
1217.00†	1217.00	0.00	0.00	1197.00	1217.00	-1058.67	756.62	144.45	1301.25	78.03	16.84	PASS
1317.00†	1317.00	0.00	0.00	1297.00	1317.00	-1058.67	756.62	144.45	1301.25	80.44	16.33	PASS
1417.00†	1417.00	0.00	0.00	1397.00	1417.00	-1058.67	756.62	144.45	1301.25	82.86	15.85	PASS
1517.00†	1517.00	0.00	0.00	1497.00	1517.00	-1058.67	756.62	144.45	1301.25	85.29	15.39	PASS
1617.00†	1617.00	0.00	0.00	1597.00	1617.00	-1058.67	756.62	144.45	1301.25	86.85	14.98	PASS
1717.00†	1717.00	0.00	0.00	1697.00	1717.00	-1058.67	756.62	144.45	1301.25	89.13	14.60	PASS
1817.00†	1817.00	0.00	0.00	1797.00	1817.00	-1058.67	756.62	144.45	1301.25	91.43	14.23	PASS
1917.00†	1917.00	0.00	0.00	1897.00	1917.00	-1058.67	756.62	144.45	1301.25	93.73	13.88	PASS
2000.00	2000.00	0.00	0.00	1980.00	2000.00	-1058.67	756.62	144.45	1301.25	95.66	13.60	PASS
2017.00†	2017.00	-0.04	-0.02	1997.00	2017.00	-1058.67	756.62	-63.13	1301.23	96.05	13.55	PASS
2117.00†	2116.97	-2.12	-1.11	2096.97	2116.97	-1058.67	756.62	-63.24	1300.17	98.38	13.22	PASS
2217.00†	2216.79	-7.28	-3.80	2196.79	2216.79	-1058.67	756.62	-63.51	1297.56	100.72	12.88	PASS
2317.00†	2316.35	-15.53	-8.11	2296.35	2316.35	-1058.67	756.62	-63.95	1293.43	103.08	12.55	PASS
2337.33	2336.55	-17.58	-9.18	2316.55	2336.55	-1058.67	756.62	-64.06	1292.40	103.55	12.48	PASS
2417.00†	2415.67	-25.88	-13.51	2395.67	2415.67	-1058.67	756.62	-64.44	1288.32	105.43	12.22	PASS
2517.00†	2514.98	-36.30	-18.95	2494.98	2514.98	-1058.67	756.62	-64.91	1283.26	107.79	11.90	PASS
2617.00†	2614.28	-46.71	-24.39	2594.28	2614.28	-1058.67	756.62	-65.38	1278.29	110.17	11.60	PASS
2717.00†	2713.59	-57.12	-29.82	2693.59	2713.59	-1058.67	756.62	-65.86	1273.42	112.56	11.31	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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
2817.00†	2812.90	-67.54	-35.26	2792.90	2812.90	-1058.67	756.62	-66.34	1268.63	114.97	11.03	PASS
2917.00†	2912.21	-77.95	-40.70	2892.21	2912.21	-1058.67	756.62	-66.82	1263.93	117.39	10.77	PASS
3017.00†	3011.51	-88.36	-46.14	2991.51	3011.51	-1058.67	756.62	-67.31	1259.33	119.83	10.51	PASS
3117.00†	3110.82	-98.78	-51.57	3090.82	3110.82	-1058.67	756.62	-67.81	1254.82	122.27	10.26	PASS
3217.00†	3210.13	-109.19	-57.01	3190.13	3210.13	-1058.67	756.62	-68.30	1250.40	124.74	10.02	PASS
3317.00†	3309.44	-119.61	-62.45	3289.44	3309.44	-1058.67	756.62	-68.80	1246.08	127.21	9.80	PASS
3417.00†	3408.74	-130.02	-67.88	3388.74	3408.74	-1058.67	756.62	-69.30	1241.85	129.70	9.57	PASS
3517.00†	3508.05	-140.43	-73.32	3488.05	3508.05	-1058.67	756.62	-69.81	1237.72	132.20	9.36	PASS
3617.00†	3607.36	-150.85	-78.76	3587.36	3607.36	-1058.67	756.62	-70.32	1233.69	134.71	9.16	PASS
3717.00†	3706.67	-161.26	-84.20	3686.67	3706.67	-1058.67	756.62	-70.83	1229.76	137.24	8.96	PASS
3817.00†	3805.98	-171.67	-89.63	3785.98	3805.98	-1058.67	756.62	-71.34	1225.93	139.77	8.77	PASS
3917.00†	3905.28	-182.09	-95.07	3885.28	3905.28	-1058.67	756.62	-71.86	1222.20	142.32	8.59	PASS
4017.00†	4004.59	-192.50	-100.51	3984.59	4004.59	-1058.67	756.62	-72.38	1218.57	144.88	8.41	PASS
4117.00†	4103.90	-202.92	-105.94	4083.90	4103.90	-1058.67	756.62	-72.91	1215.04	147.45	8.24	PASS
4217.00†	4203.21	-213.33	-111.38	4183.21	4203.21	-1058.67	756.62	-73.44	1211.62	150.03	8.08	PASS
4317.00†	4302.51	-223.74	-116.82	4282.51	4302.51	-1058.67	756.62	-73.97	1208.30	152.63	7.92	PASS
4417.00†	4401.82	-234.16	-122.26	4381.82	4401.82	-1058.67	756.62	-74.50	1205.09	155.23	7.76	PASS
4517.00†	4501.13	-244.57	-127.69	4481.13	4501.13	-1058.67	756.62	-75.04	1201.98	157.84	7.62	PASS
4617.00†	4600.44	-254.98	-133.13	4580.44	4600.44	-1058.67	756.62	-75.58	1198.98	160.46	7.47	PASS
4717.00†	4699.74	-265.40	-138.57	4679.74	4699.74	-1058.67	756.62	-76.12	1196.09	163.09	7.33	PASS
4817.00†	4799.05	-275.81	-144.00	4779.05	4799.05	-1058.67	756.62	-76.66	1193.31	165.73	7.20	PASS
4917.00†	4898.36	-286.23	-149.44	4878.36	4898.36	-1058.67	756.62	-77.21	1190.64	168.38	7.07	PASS
5017.00†	4997.67	-296.64	-154.88	4977.67	4997.67	-1058.67	756.62	-77.76	1188.07	171.03	6.95	PASS
5117.00†	5096.97	-307.05	-160.31	5076.97	5096.97	-1058.67	756.62	-78.31	1185.62	173.70	6.83	PASS
5217.00†	5196.28	-317.47	-165.75	5176.28	5196.28	-1058.67	756.62	-78.86	1183.28	176.37	6.71	PASS
5317.00†	5295.59	-327.88	-171.19	5275.59	5295.59	-1058.67	756.62	-79.42	1181.05	179.05	6.60	PASS
5417.00†	5394.90	-338.29	-176.63	5374.90	5394.90	-1058.67	756.62	-79.97	1178.93	181.73	6.49	PASS
5517.00†	5494.20	-348.71	-182.06	5474.20	5494.20	-1058.67	756.62	-80.53	1176.93	184.42	6.38	PASS
5617.00†	5593.51	-359.12	-187.50	5573.51	5593.51	-1058.67	756.62	-81.09	1175.04	187.12	6.28	PASS
5717.00†	5692.82	-369.54	-192.94	5672.82	5692.82	-1058.67	756.62	-81.66	1173.27	189.83	6.18	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	
5817.00†	5792.13	-379.95	-198.37	5772.13	5792.13	-1058.67	756.62	-82.22	1171.61	192.54	6.09	PASS	
5862.74	5837.55	-384.71	-200.86	5817.55	5837.55	-1058.67	756.62	-82.48	1170.89	193.78	6.04	PASS	
5917.00†	5891.09	-392.91	-203.80	5871.09	5891.09	-1058.67	756.62	-70.89	1168.61	195.29	5.98	PASS	
6017.00†	5986.75	-421.11	-209.09	5966.75	5986.75	-1058.67	756.62	-66.20	1157.18	198.29	5.84	PASS	
6117.00†	6076.06	-465.52	-214.07	6056.06	6076.06	-1058.67	756.62	-67.27	1137.57	201.47	5.65	PASS	
6217.00†	6156.32	-524.79	-218.61	6136.32	6156.32	-1058.67	756.62	-70.74	1111.79	204.48	5.44	PASS	
6317.00†	6225.08	-597.12	-222.55	6205.08	6225.08	-1058.67	756.62	-75.47	1082.49	207.35	5.22	PASS	
6417.00†	6280.25	-680.31	-225.78	6260.25	6280.25	-1058.67	756.62	-80.55	1052.74	210.08	5.01	PASS	
6517.00†	6320.15	-771.83	-228.21	6300.15	6320.15	-1058.67	756.62	-85.11	1025.75	212.64	4.82	PASS	
6617.00†	6343.58	-868.91	-229.75	6323.58	6343.58	-1058.67	756.62	-88.45	1004.45	214.98	4.67	PASS	
6702.88	6350.00	-954.47	-230.33	6330.00	6350.00	-1058.67	756.62	-90.00	992.44	216.70	4.58	PASS	
6717.00†	6350.00	-968.58	-230.37	6330.00	6350.00	-1058.67	756.62	-90.00	991.09	216.95	4.57	PASS	
6804.50†	6350.00	-1056.08	-230.61	6323.95	6343.95	-1058.67	756.62	-89.65	987.25	218.33	4.52	PASS	
6817.00†	6350.00	-1068.58	-230.65	6330.00	6350.00	-1058.67	756.62	-90.00	987.31	218.68	4.51	PASS	
6877.13†	6350.00	-1128.72	-230.81	6330.00	6350.00	-1058.67	756.62	-90.00	989.91	219.70	4.51	PASS	
6917.00†	6350.00	-1168.58	-230.92	6330.00	6350.00	-1058.67	756.62	-90.00	993.64	220.33	4.51	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

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



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NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

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



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	-6131.76	1320.34	167.85	8875.06	82.45	108.70	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

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

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

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

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	12.00	752.80	740.80	41.00	778.55	-6512.79	-66.12	-6516.06	-50.47
7in Casing Intermediate	12.00	6842.50	6830.50	41.00	6281.86	-6512.79	-66.12	-6386.88	383.22

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

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

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

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



Clearance Report

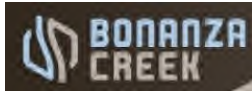
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	-6188.57	-273.32	-177.47	8955.73	71.63	126.18	PASS
117.00†	117.00	0.00	0.00	11040.00	6484.76	-6188.57	-273.32	-177.47	8883.78	71.87	124.74	PASS
217.00†	217.00	0.00	0.00	11040.00	6484.76	-6188.57	-273.32	-177.47	8812.38	71.96	123.58	PASS
317.00†	317.00	0.00	0.00	11040.00	6484.76	-6188.57	-273.32	-177.47	8741.53	72.05	122.43	PASS
417.00†	417.00	0.00	0.00	11040.00	6484.76	-6188.57	-273.32	-177.47	8671.27	72.15	121.27	PASS
517.00†	517.00	0.00	0.00	11040.00	6484.76	-6188.57	-273.32	-177.47	8601.59	72.27	120.11	PASS
617.00†	617.00	0.00	0.00	11040.00	6484.76	-6188.57	-273.32	-177.47	8532.51	72.39	118.95	PASS
717.00†	717.00	0.00	0.00	11040.00	6484.76	-6188.57	-273.32	-177.47	8464.05	72.51	117.78	PASS
817.00†	817.00	0.00	0.00	11040.00	6484.76	-6188.57	-273.32	-177.47	8396.23	72.65	116.61	PASS
917.00†	917.00	0.00	0.00	11040.00	6484.76	-6188.57	-273.32	-177.47	8329.05	72.80	115.44	PASS
1017.00†	1017.00	0.00	0.00	11040.00	6484.76	-6188.57	-273.32	-177.47	8262.54	72.96	114.27	PASS
1117.00†	1117.00	0.00	0.00	11040.00	6484.76	-6188.57	-273.32	-177.47	8196.71	73.13	113.10	PASS
1217.00†	1217.00	0.00	0.00	11040.00	6484.76	-6188.57	-273.32	-177.47	8131.57	73.30	111.93	PASS
1317.00†	1317.00	0.00	0.00	11040.00	6484.76	-6188.57	-273.32	-177.47	8067.15	73.49	110.76	PASS
1417.00†	1417.00	0.00	0.00	11040.00	6484.76	-6188.57	-273.32	-177.47	8003.46	73.68	109.59	PASS
1517.00†	1517.00	0.00	0.00	11040.00	6484.76	-6188.57	-273.32	-177.47	7940.52	73.89	108.42	PASS
1617.00†	1617.00	0.00	0.00	11040.00	6484.76	-6188.57	-273.32	-177.47	7878.34	73.64	107.36	PASS
1717.00†	1717.00	0.00	0.00	11040.00	6484.76	-6188.57	-273.32	-177.47	7816.95	73.74	106.38	PASS
1817.00†	1817.00	0.00	0.00	11040.00	6484.76	-6188.57	-273.32	-177.47	7756.36	73.84	105.40	PASS
1917.00†	1917.00	0.00	0.00	11040.00	6484.76	-6188.57	-273.32	-177.47	7696.60	73.96	104.43	PASS
2000.00	2000.00	0.00	0.00	11040.00	6484.76	-6188.57	-273.32	-177.47	7647.63	74.06	103.62	PASS
2017.00†	2017.00	-0.04	-0.02	11040.00	6484.76	-6188.57	-273.32	-25.15	7637.63	74.08	103.45	PASS
2117.00†	2116.97	-2.12	-1.11	11040.00	6484.76	-6188.57	-273.32	-25.79	7577.86	74.22	102.45	PASS
2217.00†	2216.79	-7.28	-3.80	11040.00	6484.76	-6188.57	-273.32	-26.47	7516.42	74.39	101.38	PASS
2317.00†	2316.35	-15.53	-8.11	11040.00	6484.76	-6188.57	-273.32	-27.21	7453.35	74.56	100.30	PASS
2337.33	2336.55	-17.58	-9.18	11040.00	6484.76	-6188.57	-273.32	-27.36	7440.33	74.59	100.08	PASS
2417.00†	2415.67	-25.88	-13.51	11040.00	6484.76	-6188.57	-273.32	-27.36	7389.44	74.70	99.26	PASS
2517.00†	2514.98	-36.30	-18.95	11040.00	6484.76	-6188.57	-273.32	-27.36	7326.28	74.84	98.22	PASS
2617.00†	2614.28	-46.71	-24.39	11040.00	6484.76	-6188.57	-273.32	-27.36	7263.95	74.99	97.19	PASS
2717.00†	2713.59	-57.12	-29.82	11040.00	6484.76	-6188.57	-273.32	-27.36	7202.48	75.15	96.17	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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
2817.00†	2812.90	-67.54	-35.26	11040.00	6484.76	-6188.57	-273.32	-27.36	7141.87	75.32	95.15	PASS
2917.00†	2912.21	-77.95	-40.70	11040.00	6484.76	-6188.57	-273.32	-27.36	7082.16	75.49	94.13	PASS
3017.00†	3011.51	-88.36	-46.14	11040.00	6484.76	-6188.57	-273.32	-27.36	7023.36	75.68	93.12	PASS
3117.00†	3110.82	-98.78	-51.57	11040.00	6484.76	-6188.57	-273.32	-27.36	6965.50	75.87	92.12	PASS
3217.00†	3210.13	-109.19	-57.01	11040.00	6484.76	-6188.57	-273.32	-27.36	6908.61	76.07	91.12	PASS
3317.00†	3309.44	-119.61	-62.45	11040.00	6484.76	-6188.57	-273.32	-27.36	6852.70	76.28	90.13	PASS
3417.00†	3408.74	-130.02	-67.88	11040.00	6484.76	-6188.57	-273.32	-27.36	6797.80	76.50	89.15	PASS
3517.00†	3508.05	-140.43	-73.32	11040.00	6484.76	-6188.57	-273.32	-27.36	6743.94	76.73	88.18	PASS
3617.00†	3607.36	-150.85	-78.76	11040.00	6484.76	-6188.57	-273.32	-27.36	6691.14	76.97	87.22	PASS
3717.00†	3706.67	-161.26	-84.20	11040.00	6484.76	-6188.57	-273.32	-27.36	6639.43	77.21	86.27	PASS
3817.00†	3805.98	-171.67	-89.63	11040.00	6484.76	-6188.57	-273.32	-27.36	6588.83	77.47	85.33	PASS
3917.00†	3905.28	-182.09	-95.07	11040.00	6484.76	-6188.57	-273.32	-27.36	6539.37	77.73	84.40	PASS
4017.00†	4004.59	-192.50	-100.51	11040.00	6484.76	-6188.57	-273.32	-27.36	6491.07	78.00	83.49	PASS
4117.00†	4103.90	-202.92	-105.94	11040.00	6484.76	-6188.57	-273.32	-27.36	6443.96	78.28	82.58	PASS
4217.00†	4203.21	-213.33	-111.38	11040.00	6484.76	-6188.57	-273.32	-27.36	6398.07	78.57	81.69	PASS
4317.00†	4302.51	-223.74	-116.82	11040.00	6484.76	-6188.57	-273.32	-27.36	6353.41	78.86	80.82	PASS
4417.00†	4401.82	-234.16	-122.26	11040.00	6484.76	-6188.57	-273.32	-27.36	6310.03	79.17	79.96	PASS
4517.00†	4501.13	-244.57	-127.69	11040.00	6484.76	-6188.57	-273.32	-27.36	6267.95	79.48	79.12	PASS
4617.00†	4600.44	-254.98	-133.13	11040.00	6484.76	-6188.57	-273.32	-27.36	6227.18	79.79	78.29	PASS
4717.00†	4699.74	-265.40	-138.57	11040.00	6484.76	-6188.57	-273.32	-27.36	6187.76	80.12	77.48	PASS
4817.00†	4799.05	-275.81	-144.00	11040.00	6484.76	-6188.57	-273.32	-27.36	6149.72	80.45	76.68	PASS
4917.00†	4898.36	-286.23	-149.44	11040.00	6484.76	-6188.57	-273.32	-27.36	6113.08	80.78	75.91	PASS
5017.00†	4997.67	-296.64	-154.88	11040.00	6484.76	-6188.57	-273.32	-27.36	6077.86	81.13	75.15	PASS
5117.00†	5096.97	-307.05	-160.31	11040.00	6484.76	-6188.57	-273.32	-27.36	6044.09	81.48	74.41	PASS
5217.00†	5196.28	-317.47	-165.75	11040.00	6484.76	-6188.57	-273.32	-27.36	6011.79	81.83	73.69	PASS
5317.00†	5295.59	-327.88	-171.19	11040.00	6484.76	-6188.57	-273.32	-27.36	5980.99	82.19	73.00	PASS
5417.00†	5394.90	-338.29	-176.63	11040.00	6484.76	-6188.57	-273.32	-27.36	5951.71	82.55	72.32	PASS
5517.00†	5494.20	-348.71	-182.06	11040.00	6484.76	-6188.57	-273.32	-27.36	5923.98	82.92	71.66	PASS
5617.00†	5593.51	-359.12	-187.50	11040.00	6484.76	-6188.57	-273.32	-27.36	5897.81	83.29	71.02	PASS
5717.00†	5692.82	-369.54	-192.94	11040.00	6484.76	-6188.57	-273.32	-27.36	5873.23	83.67	70.41	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: LATHAM 034-K31-2HC AWP 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
5817.00†	5792.13	-379.95	-198.37	11040.00	6484.76	-6188.57	-273.32	-27.36	5850.25	84.04	69.82	PASS
5862.74	5837.55	-384.71	-200.86	11040.00	6484.76	-6188.57	-273.32	-27.36	5840.28	84.22	69.55	PASS
5917.00†	5891.09	-392.91	-203.80	11040.00	6484.76	-6188.57	-273.32	-15.17	5826.40	84.45	69.20	PASS
6017.00†	5986.75	-421.11	-209.09	11040.00	6484.76	-6188.57	-273.32	-8.25	5789.28	85.23	68.13	PASS
6117.00†	6076.06	-465.52	-214.07	11040.00	6484.76	-6188.57	-273.32	-5.71	5737.93	86.43	66.58	PASS
6217.00†	6156.32	-524.79	-218.61	11040.00	6484.76	-6188.57	-273.32	-4.41	5673.56	87.44	65.07	PASS
6317.00†	6225.08	-597.12	-222.55	11040.00	6484.76	-6188.57	-273.32	-3.62	5597.71	88.22	63.63	PASS
6417.00†	6280.25	-680.31	-225.78	11040.00	6484.76	-6188.57	-273.32	-3.05	5512.26	88.79	62.26	PASS
6517.00†	6320.15	-771.83	-228.21	11040.00	6484.76	-6188.57	-273.32	-2.51	5419.43	89.15	60.96	PASS
6617.00†	6343.58	-868.91	-229.75	11040.00	6484.76	-6188.57	-273.32	-1.29	5321.71	89.33	59.74	PASS
6702.88	6350.00	-954.47	-230.33	11040.00	6484.76	-6188.57	-273.32	168.01	5236.01	89.38	58.75	PASS
6717.00†	6350.00	-968.58	-230.37	11040.00	6484.76	-6188.57	-273.32	168.01	5221.90	89.38	58.59	PASS
6817.00†	6350.00	-1068.58	-230.65	11040.00	6484.76	-6188.57	-273.32	168.01	5121.94	89.38	57.46	PASS
6917.00†	6350.00	-1168.58	-230.92	11040.00	6484.76	-6188.57	-273.32	168.01	5021.97	89.39	56.34	PASS
7017.00†	6350.00	-1268.58	-231.20	11040.00	6484.76	-6188.57	-273.32	168.01	4922.01	89.40	55.21	PASS
7117.00†	6350.00	-1368.58	-231.47	11040.00	6484.76	-6188.57	-273.32	168.01	4822.05	89.41	54.09	PASS
7217.00†	6350.00	-1468.58	-231.74	11040.00	6484.76	-6188.57	-273.32	168.01	4722.09	89.41	52.96	PASS
7317.00†	6350.00	-1568.58	-232.02	11040.00	6484.76	-6188.57	-273.32	168.01	4622.14	89.42	51.83	PASS
7417.00†	6350.00	-1668.58	-232.29	11040.00	6484.76	-6188.57	-273.32	168.01	4522.18	89.43	50.71	PASS
7517.00†	6350.00	-1768.58	-232.57	11040.00	6484.76	-6188.57	-273.32	168.01	4422.23	89.45	49.58	PASS
7617.00†	6350.00	-1868.58	-232.84	11040.00	6484.76	-6188.57	-273.32	168.01	4322.28	89.46	48.45	PASS
7717.00†	6350.00	-1968.58	-233.12	11040.00	6484.76	-6188.57	-273.32	168.01	4222.33	89.47	47.32	PASS
7817.00†	6350.00	-2068.58	-233.39	11040.00	6484.76	-6188.57	-273.32	168.01	4122.39	89.48	46.20	PASS
7917.00†	6350.00	-2168.58	-233.66	11040.00	6484.76	-6188.57	-273.32	168.01	4022.44	89.50	45.07	PASS
8017.00†	6350.00	-2268.58	-233.94	11040.00	6484.76	-6188.57	-273.32	168.01	3922.50	89.51	43.94	PASS
8117.00†	6350.00	-2368.58	-234.21	11040.00	6484.76	-6188.57	-273.32	168.01	3822.57	89.53	42.82	PASS
8217.00†	6350.00	-2468.58	-234.49	11040.00	6484.76	-6188.57	-273.32	168.01	3722.63	89.54	41.69	PASS
8317.00†	6350.00	-2568.58	-234.76	11040.00	6484.76	-6188.57	-273.32	168.01	3622.70	89.56	40.56	PASS
8417.00†	6350.00	-2668.58	-235.04	11040.00	6484.76	-6188.57	-273.32	168.01	3522.78	89.58	39.44	PASS
8517.00†	6350.00	-2768.58	-235.31	11040.00	6484.76	-6188.57	-273.32	168.01	3422.86	89.59	38.31	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	
8617.00†	6350.00	-2868.58	-235.58	11040.00	6484.76	-6188.57	-273.32	168.01	3322.94	89.61	37.19	PASS	
8717.00†	6350.00	-2968.58	-235.86	11040.00	6484.76	-6188.57	-273.32	168.01	3223.03	89.63	36.06	PASS	
8817.00†	6350.00	-3068.58	-236.13	11040.00	6484.76	-6188.57	-273.32	168.01	3123.12	89.65	34.94	PASS	
8917.00†	6350.00	-3168.58	-236.41	11040.00	6484.76	-6188.57	-273.32	168.01	3023.22	89.66	33.81	PASS	
9017.00†	6350.00	-3268.58	-236.68	11040.00	6484.76	-6188.57	-273.32	168.01	2923.33	89.68	32.69	PASS	
9117.00†	6350.00	-3368.58	-236.96	11040.00	6484.76	-6188.57	-273.32	168.01	2823.45	89.70	31.56	PASS	
9217.00†	6350.00	-3468.58	-237.23	11040.00	6484.76	-6188.57	-273.32	168.01	2723.57	89.72	30.44	PASS	
9317.00†	6350.00	-3568.58	-237.51	11040.00	6484.76	-6188.57	-273.32	168.01	2623.70	89.74	29.32	PASS	
9417.00†	6350.00	-3668.57	-237.78	11040.00	6484.76	-6188.57	-273.32	168.01	2523.85	89.75	28.20	PASS	
9517.00†	6350.00	-3768.57	-238.05	11040.00	6484.76	-6188.57	-273.32	168.01	2424.00	89.77	27.08	PASS	
9617.00†	6350.00	-3868.57	-238.33	11040.00	6484.76	-6188.57	-273.32	168.01	2324.17	89.79	25.96	PASS	
9717.00†	6350.00	-3968.57	-238.60	11040.00	6484.76	-6188.57	-273.32	168.01	2224.35	89.80	24.84	PASS	
9817.00†	6350.00	-4068.57	-238.88	11040.00	6484.76	-6188.57	-273.32	168.01	2124.56	89.82	23.72	PASS	
9917.00†	6350.00	-4168.57	-239.15	11040.00	6484.76	-6188.57	-273.32	168.01	2024.78	89.83	22.60	PASS	
10017.00†	6350.00	-4268.57	-239.43	11040.00	6484.76	-6188.57	-273.32	168.01	1925.02	89.85	21.48	PASS	
10117.00†	6350.00	-4368.57	-239.70	11040.00	6484.76	-6188.57	-273.32	168.01	1825.29	89.86	20.37	PASS	
10217.00†	6350.00	-4468.57	-239.97	11040.00	6484.76	-6188.57	-273.32	168.01	1725.59	89.87	19.25	PASS	
10317.00†	6350.00	-4568.57	-240.25	11040.00	6484.76	-6188.57	-273.32	168.01	1625.93	89.88	18.14	PASS	
10417.00†	6350.00	-4668.57	-240.52	11040.00	6484.76	-6188.57	-273.32	168.01	1526.31	89.89	17.02	PASS	
10517.00†	6350.00	-4768.57	-240.80	11040.00	6484.76	-6188.57	-273.32	168.01	1426.75	89.90	15.91	PASS	
10617.00†	6350.00	-4868.57	-241.07	11040.00	6484.76	-6188.57	-273.32	168.01	1327.25	89.92	14.80	PASS	
10717.00†	6350.00	-4968.57	-241.35	11040.00	6484.76	-6188.57	-273.32	168.01	1227.84	89.93	13.69	PASS	
10817.00†	6350.00	-5068.57	-241.62	11040.00	6484.76	-6188.57	-273.32	168.01	1128.53	89.96	12.58	PASS	
10917.00†	6350.00	-5168.57	-241.89	11040.00	6484.76	-6188.57	-273.32	168.01	1029.35	89.99	11.47	PASS	
11017.00†	6350.00	-5268.57	-242.17	11040.00	6484.76	-6188.57	-273.32	168.01	930.34	90.05	10.36	PASS	
11117.00†	6350.00	-5368.57	-242.44	11040.00	6484.76	-6188.57	-273.32	168.01	831.58	90.16	9.25	PASS	
11217.00†	6350.00	-5468.57	-242.72	11040.00	6484.76	-6188.57	-273.32	168.01	733.15	90.34	8.14	PASS	
11317.00†	6350.00	-5568.57	-242.99	11040.00	6484.76	-6188.57	-273.32	168.01	635.20	90.68	7.02	PASS	
11417.00†	6350.00	-5668.57	-243.27	11040.00	6484.76	-6188.57	-273.32	168.01	538.02	91.34	5.90	PASS	
11487.78	6350.00	-5739.35	-243.46	11040.00	6484.76	-6188.57	-273.32	168.01	469.95	92.17	5.11	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

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	-6506.13	-93.32	-6506.43	-91.79
8.75in Open Hole	17.00	6780.00	6763.00	47.00	6487.93	-6506.13	-93.32	-6437.35	-151.46
7in Casing Intermediate	17.00	6768.00	6751.00	47.00	6487.80	-6506.13	-93.32	-6441.01	-151.50
6.125in Open Hole	6768.00	11040.00	4272.00	6487.80	6484.76	-6441.01	-151.50	-5139.34	-129.97

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

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

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



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: NORTH PLATTE P41-35-2XRLNC pwb Offset Wellpath: NORTH PLATTE P41-35-2XRLNC (REV-A.0) PWP												
Facility: SEC.26-T5N-R63W Slot: SLOT#31 NORTH PLATTE P41-35-2XRLNC (WELL 2, STATE NORTH PLATTE O-26 PAD) Well: NORTH PLATTE P41-35-2XRLNC Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	17.00	17.00	100.19	0.84	0.48	100.19	1.40	165.64	PASS
117.00†	117.00	0.00	0.00	117.00	117.00	100.19	0.84	0.48	100.19	2.02	81.51	PASS
217.00†	217.00	0.00	0.00	217.00	217.00	100.19	0.84	0.48	100.19	3.00	45.19	PASS
317.00†	317.00	0.00	0.00	317.00	317.00	100.19	0.84	0.48	100.19	4.02	30.85	PASS
417.00†	417.00	0.00	0.00	417.00	417.00	100.19	0.84	0.48	100.19	5.06	23.35	PASS
517.00†	517.00	0.00	0.00	517.00	517.00	100.19	0.84	0.48	100.19	6.10	18.77	PASS
617.00†	617.00	0.00	0.00	617.00	617.00	100.19	0.84	0.48	100.19	7.14	15.68	PASS
717.00†	717.00	0.00	0.00	717.00	717.00	100.19	0.84	0.48	100.19	8.18	13.46	PASS
817.00†	817.00	0.00	0.00	817.00	817.00	100.19	0.84	0.48	100.19	9.23	11.80	PASS
917.00†	917.00	0.00	0.00	917.00	917.00	100.19	0.84	0.48	100.19	10.27	10.49	PASS
1017.00†	1017.00	0.00	0.00	1017.00	1017.00	100.19	0.84	0.48	100.19	11.32	9.45	PASS
1117.00†	1117.00	0.00	0.00	1117.00	1117.00	100.19	0.84	0.48	100.19	12.36	8.60	PASS
1217.00†	1217.00	0.00	0.00	1217.00	1217.00	100.19	0.84	0.48	100.19	13.41	7.88	PASS
1317.00†	1317.00	0.00	0.00	1317.00	1317.00	100.19	0.84	0.48	100.19	14.46	7.28	PASS
1417.00†	1417.00	0.00	0.00	1417.00	1417.00	100.19	0.84	0.48	100.19	15.50	6.76	PASS
1517.00†	1517.00	0.00	0.00	1517.00	1517.00	100.19	0.84	0.48	100.19	16.55	6.31	PASS
1617.00†	1617.00	0.00	0.00	1617.00	1617.00	100.19	0.84	0.48	100.19	16.27	6.16	PASS
1717.00†	1717.00	0.00	0.00	1717.00	1717.00	100.19	0.84	0.48	100.19	16.33	6.13	PASS
1817.00†	1817.00	0.00	0.00	1817.00	1817.00	100.19	0.84	0.48	100.19	16.46	6.09	PASS
1917.00†	1917.00	0.00	0.00	1917.00	1917.00	100.19	0.84	0.48	100.19	16.65	6.02	PASS
2000.00	2000.00	0.00	0.00	2000.00	2000.00	100.19	0.84	0.48	100.19	16.85	5.95	PASS
2017.00†	2017.00	-0.04	-0.02	2017.18	2017.18	100.17	0.88	152.95	100.22	16.90	5.93	PASS
2117.00†	2116.97	-2.12	-1.11	2118.13	2118.10	99.43	3.15	154.82	101.64	17.25	5.89	PASS
2217.00†	2216.79	-7.28	-3.80	2218.58	2218.37	97.60	8.76	159.23	105.64	17.79	5.94	PASS
2317.00†	2316.35	-15.53	-8.11	2318.09	2317.44	94.71	17.61	165.49	113.21	18.39	6.16	PASS
2337.33	2336.55	-17.58	-9.18	2338.17	2337.38	94.00	19.79	166.91	115.29	18.51	6.23	PASS
2417.00†	2415.67	-25.88	-13.51	2416.44	2414.97	90.81	29.56	172.64	124.39	18.92	6.58	PASS
2517.00†	2514.98	-36.30	-18.95	2513.66	2510.92	85.94	44.50	179.86	137.78	19.50	7.07	PASS
2617.00†	2614.28	-46.71	-24.39	2609.58	2604.99	80.15	62.26	-173.14	153.90	20.17	7.63	PASS
2717.00†	2713.59	-57.12	-29.82	2704.00	2696.93	73.49	82.66	-166.60	173.18	20.90	8.29	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: NORTH PLATTE P41-35-2XRLNC pwb Offset Wellpath: NORTH PLATTE P41-35-2XRLNC (REV-A.0) PWP												
Facility: SEC.26-T5N-R63W		Slot: SLOT#31 NORTH PLATTE P41-35-2XRLNC (WELL 2, STATE NORTH PLATTE O-26 PAD)			Well: NORTH PLATTE P41-35-2XRLNC			Threshold Value=1.00 † = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2817.00†	2812.90	-67.54	-35.26	2796.75	2786.52	66.04	105.49	-160.64	195.83	21.70	9.03	PASS
2917.00†	2912.21	-77.95	-40.70	2887.71	2873.57	57.87	130.55	-155.34	221.96	22.54	9.85	PASS
3017.00†	3011.51	-88.36	-46.14	2976.73	2957.91	49.04	157.60	-150.68	251.52	23.47	10.72	PASS
3117.00†	3110.82	-98.78	-51.57	3063.71	3039.44	39.64	186.43	-146.60	284.43	24.27	11.72	PASS
3217.00†	3210.13	-109.19	-57.01	3148.57	3118.05	29.73	216.81	-143.06	320.56	25.15	12.75	PASS
3317.00†	3309.44	-119.61	-62.45	3231.24	3193.69	19.38	248.53	-139.98	359.75	26.02	13.83	PASS
3417.00†	3408.74	-130.02	-67.88	3313.67	3268.14	8.41	282.14	-137.24	401.81	26.90	14.94	PASS
3517.00†	3508.05	-140.43	-73.32	3402.17	3347.77	-3.57	318.86	-134.76	445.23	27.92	15.95	PASS
3617.00†	3607.36	-150.85	-78.76	3490.67	3427.39	-15.55	355.59	-132.71	489.23	28.95	16.90	PASS
3717.00†	3706.67	-161.26	-84.20	3579.17	3507.02	-27.53	392.31	-130.99	533.67	30.00	17.79	PASS
3817.00†	3805.98	-171.67	-89.63	3667.68	3586.65	-39.51	429.04	-129.53	578.44	31.06	18.62	PASS
3917.00†	3905.28	-182.09	-95.07	3756.18	3666.28	-51.49	465.76	-128.28	623.47	32.13	19.40	PASS
4017.00†	4004.59	-192.50	-100.51	3844.68	3745.90	-63.47	502.48	-127.20	668.71	33.22	20.13	PASS
4117.00†	4103.90	-202.92	-105.94	3933.18	3825.53	-75.45	539.21	-126.25	714.11	34.32	20.80	PASS
4217.00†	4203.21	-213.33	-111.38	4021.69	3905.16	-87.43	575.93	-125.41	759.66	35.44	21.44	PASS
4317.00†	4302.51	-223.74	-116.82	4110.19	3984.78	-99.41	612.66	-124.67	805.32	36.56	22.03	PASS
4417.00†	4401.82	-234.16	-122.26	4198.69	4064.41	-111.39	649.38	-124.00	851.08	37.70	22.58	PASS
4517.00†	4501.13	-244.57	-127.69	4287.19	4144.04	-123.37	686.11	-123.41	896.92	38.84	23.09	PASS
4617.00†	4600.44	-254.98	-133.13	4375.69	4223.66	-135.35	722.83	-122.87	942.83	39.99	23.58	PASS
4717.00†	4699.74	-265.40	-138.57	4464.20	4303.29	-147.33	759.55	-122.38	988.81	41.15	24.03	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

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



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

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	61.07	0.51	61.07	0.51

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

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: NORTH PLATTE A11-35-2XRLNC PWB Offset Wellpath: NORTH PLATTE A11-35-2XRLNC (REV-A.0) PWP												
Facility: SEC.26-T5N-R63W Slot: SLOT#20 NORTH PLATTE A11-35-2XRLNC (WELL 2, STATE NORTH PLATTE I-26 PAD) Well: NORTH PLATTE A11-35-2XRLNC Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	22.00	17.00	946.14	-1103.76	-49.40	1453.78	1.42	2360.71	PASS

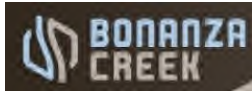
C-C Clearance Distance Cutoff: 1000.00 ft

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

HOLE & CASING SECTIONS - Offset Wellbore: NORTH PLATTE A11-35-2XRLNC PWB Offset Wellpath: NORTH PLATTE A11-35-2XRLNC (REV-A.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Open Hole	17.00	1550.00	1533.00	12.00	1545.00	576.78	-672.84	576.78	-672.84

SURVEY PROGRAM - Offset Wellbore: Offset Wellpath: NORTH PLATTE A11-35-2XRLNC (REV-A.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1550.00	BHI NaviTrak (Rotating+Axial Corr)		NORTH PLATTE A11-35-2XRLNC PWB
1550.00	16887.65	BHI AutoTrak Curve (Axial Corr, Short spacing)		NORTH PLATTE A11-35-2XRLNC PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: NORTH PLATTE A11-35-2XRLNC PWB Offset Wellpath: NORTH PLATTE A11-35-2XRLNC (REV-A.0) PWP	
MD Reference: RIG (4555'GL + 17'RKB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	17.00ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	-6226.93	-2137.67	-161.05	9099.08	72.90	126.19	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: Ex.Latham 14-11-2HZ AWB Offset Wellpath: Ex.Latham 14-11-2HZ AWP			
Slot Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical 3.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical 3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: Ex.Latham 14-11-2HZ AWB Offset Wellpath: Ex.Latham 14-11-2HZ AWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	15.00	774.00	759.00	26.00	780.18	-6383.81	-1604.48	-6404.49	-1596.01
7in Casing Intermediate	15.00	6763.00	6748.00	26.00	6302.32	-6383.81	-1604.48	-6369.19	-1523.79

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

OFFSET WELLPATH REFERENCE - Offset Wellbore: Ex.Latham 14-11-2HZ AWB Offset Wellpath: Ex.Latham 14-11-2HZ AWP	
MD Reference: RIG (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	15.00ft



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NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: STATE NORTH PLATTE U41-35-1XRLNB PWB Offset Wellpath: STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP													
Facility: SEC.26-T5N-R63W		Slot: SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB (WELL 1, STATE NORTH PLATTE O-26 PAD)			Well: STATE NORTH PLATTE U41-35-1XRLNB				Threshold Value=1.00		† = interpolated/extrapolated station		
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
17.00	17.00	0.00	0.00	17.00	17.00	120.59	0.84	0.40	120.59	1.40	199.65	PASS	
117.00†	117.00	0.00	0.00	117.00	117.00	120.59	0.84	0.40	120.59	2.02	98.25	PASS	
217.00†	217.00	0.00	0.00	217.00	217.00	120.59	0.84	0.40	120.59	3.00	54.47	PASS	
317.00†	317.00	0.00	0.00	317.00	317.00	120.59	0.84	0.40	120.59	4.02	37.18	PASS	
417.00†	417.00	0.00	0.00	417.00	417.00	120.59	0.84	0.40	120.59	5.06	28.14	PASS	
517.00†	517.00	0.00	0.00	517.00	517.00	120.59	0.84	0.40	120.59	6.10	22.62	PASS	
617.00†	617.00	0.00	0.00	617.00	617.00	120.59	0.84	0.40	120.59	7.14	18.90	PASS	
717.00†	717.00	0.00	0.00	717.00	717.00	120.59	0.84	0.40	120.59	8.18	16.23	PASS	
817.00†	817.00	0.00	0.00	817.00	817.00	120.59	0.84	0.40	120.59	9.23	14.22	PASS	
917.00†	917.00	0.00	0.00	917.00	917.00	120.59	0.84	0.40	120.59	10.27	12.65	PASS	
1017.00†	1017.00	0.00	0.00	1017.00	1017.00	120.59	0.84	0.40	120.59	11.32	11.39	PASS	
1117.00†	1117.00	0.00	0.00	1117.00	1117.00	120.59	0.84	0.40	120.59	12.36	10.36	PASS	
1217.00†	1217.00	0.00	0.00	1217.00	1217.00	120.59	0.84	0.40	120.59	13.41	9.50	PASS	
1317.00†	1317.00	0.00	0.00	1317.00	1317.00	120.59	0.84	0.40	120.59	14.46	8.77	PASS	
1417.00†	1417.00	0.00	0.00	1417.00	1417.00	120.59	0.84	0.40	120.59	15.50	8.15	PASS	
1517.00†	1517.00	0.00	0.00	1517.00	1517.00	120.59	0.84	0.40	120.59	16.55	7.61	PASS	
1617.00†	1617.00	0.00	0.00	1617.00	1617.00	120.59	0.84	0.40	120.59	16.27	7.41	PASS	
1717.00†	1717.00	0.00	0.00	1717.00	1717.00	120.59	0.84	0.40	120.59	16.33	7.38	PASS	
1817.00†	1817.00	0.00	0.00	1817.00	1817.00	120.59	0.84	0.40	120.59	16.46	7.33	PASS	
1917.00†	1917.00	0.00	0.00	1917.00	1917.00	120.59	0.84	0.40	120.59	16.65	7.24	PASS	
2000.00	2000.00	0.00	0.00	2000.00	2000.00	120.59	0.84	0.40	120.59	16.85	7.16	PASS	
2017.00†	2017.00	-0.04	-0.02	2017.18	2017.18	120.57	0.89	152.86	120.62	16.90	7.14	PASS	
2117.00†	2116.97	-2.12	-1.11	2118.11	2118.08	119.97	3.19	154.44	122.16	17.25	7.08	PASS	
2217.00†	2216.79	-7.28	-3.80	2218.52	2218.31	118.46	8.89	158.16	126.39	17.78	7.11	PASS	
2317.00†	2316.35	-15.53	-8.11	2317.95	2317.29	116.09	17.88	163.52	134.17	18.38	7.30	PASS	
2337.33	2336.55	-17.58	-9.18	2338.00	2337.22	115.51	20.09	164.74	136.27	18.50	7.37	PASS	
2417.00†	2415.67	-25.88	-13.51	2416.15	2414.69	112.89	30.01	169.77	145.44	18.91	7.69	PASS	
2517.00†	2514.98	-36.30	-18.95	2513.20	2510.46	108.89	45.16	176.22	158.78	19.50	8.14	PASS	
2617.00†	2614.28	-46.71	-24.39	2608.89	2604.32	104.14	63.17	-177.40	174.71	20.16	8.66	PASS	
2717.00†	2713.59	-57.12	-29.82	2703.06	2696.02	98.69	83.83	-171.31	193.66	20.90	9.27	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: STATE NORTH PLATTE U41-35-1XRLNB PWB Offset Wellpath: STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP													
Facility: SEC.26-T5N-R63W Slot: SLOT#32 STATE NORTH PLATTE U41-35-1XRLNB (WELL 1, STATE NORTH PLATTE O-26 PAD) Well: STATE NORTH PLATTE U41-35-1XRLNB Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
2817.00†	2812.90	-67.54	-35.26	2795.53	2785.34	92.59	106.95	-165.65	215.93	21.70	9.95	PASS	
2917.00†	2912.21	-77.95	-40.70	2886.17	2872.10	85.90	132.31	-160.51	241.64	22.54	10.72	PASS	
3017.00†	3011.51	-88.36	-46.14	2974.85	2956.14	78.69	159.67	-155.91	270.79	23.48	11.53	PASS	
3117.00†	3110.82	-98.78	-51.57	3061.47	3037.35	71.00	188.82	-151.84	303.33	24.29	12.49	PASS	
3217.00†	3210.13	-109.19	-57.01	3145.96	3115.64	62.90	219.51	-148.26	339.13	25.17	13.47	PASS	
3317.00†	3309.44	-119.61	-62.45	3228.24	3190.95	54.45	251.55	-145.11	378.05	26.05	14.51	PASS	
3417.00†	3408.74	-130.02	-67.88	3308.27	3263.27	45.71	284.70	-142.35	419.95	26.92	15.60	PASS	
3517.00†	3508.05	-140.43	-73.32	3386.03	3332.58	36.72	318.76	-139.92	464.65	27.80	16.72	PASS	
3617.00†	3607.36	-150.85	-78.76	3461.49	3398.92	27.54	353.55	-137.77	512.02	28.65	17.87	PASS	
3717.00†	3706.67	-161.26	-84.20	3534.67	3462.31	18.22	388.88	-135.88	561.90	29.49	19.05	PASS	
3817.00†	3805.98	-171.67	-89.63	3605.56	3522.82	8.80	424.60	-134.19	614.15	30.31	20.26	PASS	
3917.00†	3905.28	-182.09	-95.07	3674.20	3580.51	-0.68	460.55	-132.69	668.65	31.11	21.49	PASS	
4017.00†	4004.59	-192.50	-100.51	3754.27	3647.21	-11.99	503.39	-131.13	724.57	32.17	22.52	PASS	
4117.00†	4103.90	-202.92	-105.94	3835.55	3714.91	-23.46	546.88	-129.76	780.83	33.27	23.47	PASS	
4217.00†	4203.21	-213.33	-111.38	3916.83	3782.61	-34.93	590.37	-128.57	837.37	34.37	24.36	PASS	
4317.00†	4302.51	-223.74	-116.82	3998.10	3850.30	-46.40	633.86	-127.52	894.13	35.50	25.19	PASS	
4417.00†	4401.82	-234.16	-122.26	4079.38	3918.00	-57.88	677.35	-126.60	951.07	36.63	25.97	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: STATE NORTH PLATTE U41-35-1XRLNB PWB Offset Wellpath: STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP			
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical

HOLE & CASING SECTIONS - Offset Wellbore: STATE NORTH PLATTE U41-35-1XRLNB PWB Offset Wellpath: STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	17.00	1550.00	1533.00	17.00	1550.00	73.51	0.51	73.51	0.51



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NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

SURVEY PROGRAM - Offset Wellbore: Offset Wellpath: STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1550.00	BHI NaviTrak (Rotating+Axial Corr)		STATE NORTH PLATTE U41-35-1XRLNB PWB
1550.00	16849.94	BHI AutoTrak Curve (Axial Corr, Short spacing)		STATE NORTH PLATTE U41-35-1XRLNB PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: STATE NORTH PLATTE U41-35-1XRLNB PWB Offset Wellpath: STATE NORTH PLATTE U41-35-1XRLNB (REV-A.0) PWP	
MD Reference: RIG (4550'GL + 17'RKB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	17.00ft



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NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: NORTH PLATTE 41-34-2XRLNC PWB Offset Wellpath: NORTH PLATTE 41-34-2XRLNC (REV-A.0) PWP												
Facility: SEC.26-T5N-R63W Slot: SLOT#19 NORTH PLATTE 41-34-2XRLNC (WELL 1, STATE NORTH PLATTE I-26 PAD) Well: NORTH PLATTE 41-34-2XRLNC Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	22.00	17.00	952.33	-1123.27	-49.71	1472.64	1.42	2391.36	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: NORTH PLATTE 41-34-2XRLNC PWB Offset Wellpath: NORTH PLATTE 41-34-2XRLNC (REV-A.0) PWP			
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical 1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical 3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: NORTH PLATTE 41-34-2XRLNC PWB Offset Wellpath: NORTH PLATTE 41-34-2XRLNC (REV-A.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	17.00	1550.00	1533.00	12.00	1545.00	580.56	-684.73	580.56	-684.73

SURVEY PROGRAM - Offset Wellbore: Offset Wellpath: NORTH PLATTE 41-34-2XRLNC (REV-A.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1550.00	BHI NaviTrak (Rotating+Axial Corr)		NORTH PLATTE 41-34-2XRLNC PWB
1550.00	17120.29	BHI AutoTrak Curve (Axial Corr, Short spacing)		NORTH PLATTE 41-34-2XRLNC PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: NORTH PLATTE 41-34-2XRLNC PWB Offset Wellpath: NORTH PLATTE 41-34-2XRLNC (REV-A.0) PWP	
MD Reference: RIG (4555'GL + 17'RKB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	17.00ft



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NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

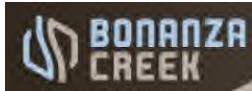
CLEARANCE DATA - Offset Wellbore: 70 RANCH USX BB #35-08 AWB Offset Wellpath: 70 RANCH USX BB #35-08 AWP												
Facility: SEC.35-T05N-R63W Slot: SLOT#04 EX 70 RANCH USX BB #35-08 (1980°FNL & 660°FEL, SEC.35, 6676, SI) Well: 70 RANCH USX BB #35-08 Threshold Value=1.00 † = interpolated/extrapolated 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	-2475.78	1858.62	143.10	3095.80	25.40	125.80	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: 70 RANCH USX BB #35-08 AWB Offset Wellpath: 70 RANCH USX BB #35-08 AWP				
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

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

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



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NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: STATE NORTH PLATTE 11-36-1XRLNB AWP 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	-821.69	3060.16	105.03	3168.55	25.40	128.76	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: STATE NORTH PLATTE 11-36-1XRLNB AWP 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 AWP 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	-500.79	1865.50	-500.64	1866.08
8.75in Open Hole	465.00	5647.00	5182.00	471.99	5623.52	-500.64	1866.08	-495.39	1750.32
7in Casing Intermediate	17.00	6547.00	6530.00	24.00	6298.33	-500.79	1865.50	-627.98	1747.28
6.125in Open Hole	6547.00	15767.00	9220.00	6298.33	6310.33	-627.98	1747.28	-3437.30	1754.37

WELLPATH COMPOSITION - Offset Wellbore: STATE NORTH PLATTE 11-36-1XRLNB AWP 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 AWP
6557.00	15710.00	BHI NaviTrak (Axial)	BHI/Navitrak MWD 6.125" Hole <6599'-15710">	STATE NORTH PLATTE 11-36-1XRLNB AWP
15710.00	15767.00	Blind Drilling (std)	Projection to bit	STATE NORTH PLATTE 11-36-1XRLNB AWP



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NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

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



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NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

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

Facility: SEC.26-T5N-R63W Slot: SLOT#01 STATE NORTH PLATTE F-J-26HNB (457'FNL & 956'FWL,SEC.26) Well: STATE NORTH PLATTE F-J-26HNB Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	37.45	27.45	4263.91	-1657.51	-21.24	4574.76	1.44	7120.58	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



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	22.62	12.62	4285.81	-1657.51	-21.14	4595.16	1.43	7329.77	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: STATE NORTH PLATTE F-J-26HC AWB Offset Wellpath: STATE NORTH PLATTE F-J-26HC AWP			
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical 1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical 3.000ft

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

OFFSET WELLPATH REFERENCE - Offset Wellbore: STATE NORTH PLATTE F-J-26HC AWB Offset Wellpath: STATE NORTH PLATTE F-J-26HC AWP	
MD Reference: ENSIGN (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	12.00ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	-1280.84	1889.75	124.13	2282.91	50.01	46.38	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

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: STATE NORTH PLATTE J24-F21-26HNC PWB Offset Wellpath: STATE NORTH PLATTE J24-F21-26HNC (REV-A.0) PWP												
Facility: SEC.26-T5N-R63W		Slot: SLOT#24 STATE NORTH PLATTE J24-F21-26HNC (WELL 5, STATE NORTH PLATTE I-26 PAD)				Well: STATE NORTH PLATTE J24-F21-26HNC				Threshold Value=1.00 † = interpolated/extrapolated station		
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	22.00	17.00	927.19	-1047.20	-48.48	1398.68	1.42	2271.19	PASS
117.00†	117.00	0.00	0.00	122.00	117.00	927.19	-1047.20	-48.48	1398.68	2.05	1123.92	PASS
217.00†	217.00	0.00	0.00	222.00	217.00	927.19	-1047.20	-48.48	1398.68	3.03	628.34	PASS
317.00†	317.00	0.00	0.00	322.00	317.00	927.19	-1047.20	-48.48	1398.68	4.05	430.44	PASS
417.00†	417.00	0.00	0.00	422.00	417.00	927.19	-1047.20	-48.48	1398.68	5.08	326.44	PASS
517.00†	517.00	0.00	0.00	522.00	517.00	927.19	-1047.20	-48.48	1398.68	6.12	262.67	PASS
617.00†	617.00	0.00	0.00	622.00	617.00	927.19	-1047.20	-48.48	1398.68	7.17	219.66	PASS
717.00†	717.00	0.00	0.00	722.00	717.00	927.19	-1047.20	-48.48	1398.68	8.21	188.71	PASS
817.00†	817.00	0.00	0.00	822.00	817.00	927.19	-1047.20	-48.48	1398.68	9.25	165.39	PASS
917.00†	917.00	0.00	0.00	922.00	917.00	927.19	-1047.20	-48.48	1398.68	10.28	147.53	PASS
1017.00†	1017.00	0.00	0.00	1022.00	1017.00	927.19	-1047.20	-48.48	1398.68	11.34	132.60	PASS
1117.00†	1117.00	0.00	0.00	1122.00	1117.00	927.19	-1047.20	-48.48	1398.68	12.39	120.63	PASS
1217.00†	1217.00	0.00	0.00	1222.00	1217.00	927.19	-1047.20	-48.48	1398.68	13.44	110.64	PASS
1317.00†	1317.00	0.00	0.00	1322.00	1317.00	927.19	-1047.20	-48.48	1398.68	14.48	102.18	PASS
1417.00†	1417.00	0.00	0.00	1422.00	1417.00	927.19	-1047.20	-48.48	1398.68	15.53	94.92	PASS
1517.00†	1517.00	0.00	0.00	1522.00	1517.00	927.19	-1047.20	-48.48	1398.68	16.56	88.70	PASS
1617.00†	1617.00	0.00	0.00	1622.00	1617.00	927.19	-1047.20	-48.48	1398.68	16.28	85.93	PASS
1717.00†	1717.00	0.00	0.00	1722.00	1717.00	927.19	-1047.20	-48.48	1398.68	16.34	85.62	PASS
1817.00†	1817.00	0.00	0.00	1822.00	1817.00	927.19	-1047.20	-48.48	1398.68	16.46	84.96	PASS
1917.00†	1917.00	0.00	0.00	1922.00	1917.00	927.19	-1047.20	-48.48	1398.68	16.65	83.99	PASS
2000.00	2000.00	0.00	0.00	2007.41	2002.41	927.18	-1047.20	-48.48	1398.67	16.86	82.95	PASS
2017.00†	2017.00	-0.04	-0.02	2032.58	2027.58	927.01	-1047.19	103.95	1398.61	16.93	82.63	PASS
2117.00†	2116.97	-2.12	-1.11	2180.61	2175.49	921.50	-1047.18	103.96	1396.70	17.39	80.30	PASS
2217.00†	2216.79	-7.28	-3.80	2328.31	2322.59	908.40	-1047.13	103.99	1392.19	17.99	77.38	PASS
2317.00†	2316.35	-15.53	-8.11	2475.41	2468.23	887.83	-1047.07	104.04	1385.12	18.70	74.06	PASS
2337.33	2336.55	-17.58	-9.18	2505.22	2497.60	882.76	-1047.05	104.05	1383.37	18.84	73.43	PASS
2417.00†	2415.67	-25.88	-13.51	2621.57	2611.71	860.02	-1046.97	103.89	1375.25	19.48	70.61	PASS
2517.00†	2514.98	-36.30	-18.95	2766.07	2751.98	825.37	-1046.86	103.48	1362.07	20.39	66.79	PASS
2617.00†	2614.28	-46.71	-24.39	2908.22	2888.08	784.43	-1046.72	102.83	1345.71	21.44	62.77	PASS
2717.00†	2713.59	-57.12	-29.82	3047.38	3019.20	737.85	-1046.57	101.94	1326.33	22.64	58.59	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: STATE NORTH PLATTE J24-F21-26HNC PWB Offset Wellpath: STATE NORTH PLATTE J24-F21-26HNC (REV-A.0) PWP													
Facility: SEC.26-T5N-R63W Slot: SLOT#24 STATE NORTH PLATTE J24-F21-26HNC (WELL 5, STATE NORTH PLATTE I-26 PAD) Well: STATE NORTH PLATTE J24-F21-26HNC Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
2817.00†	2812.90	-67.54	-35.26	3183.02	3144.68	686.38	-1046.40	100.82	1304.17	23.99	54.37	PASS	
2917.00†	2912.21	-77.95	-40.70	3314.69	3264.03	630.79	-1046.22	99.46	1279.51	25.49	50.19	PASS	
3017.00†	3011.51	-88.36	-46.14	3422.57	3360.06	581.64	-1046.06	98.14	1253.09	26.97	46.46	PASS	
3117.00†	3110.82	-98.78	-51.57	3515.54	3442.63	538.90	-1045.92	96.95	1226.96	28.44	43.15	PASS	
3217.00†	3210.13	-109.19	-57.01	3608.51	3525.19	496.16	-1045.77	95.70	1201.40	29.99	40.06	PASS	
3317.00†	3309.44	-119.61	-62.45	3701.48	3607.75	453.42	-1045.63	94.41	1176.44	31.62	37.21	PASS	
3417.00†	3408.74	-130.02	-67.88	3794.45	3690.32	410.68	-1045.49	93.06	1152.11	33.31	34.59	PASS	
3517.00†	3508.05	-140.43	-73.32	3887.42	3772.88	367.93	-1045.35	91.66	1128.46	35.07	32.18	PASS	
3617.00†	3607.36	-150.85	-78.76	3980.40	3855.44	325.19	-1045.21	90.21	1105.53	36.89	29.97	PASS	
3717.00†	3706.67	-161.26	-84.20	4073.37	3938.01	282.45	-1045.07	88.71	1083.36	38.76	27.95	PASS	
3817.00†	3805.98	-171.67	-89.63	4166.34	4020.57	239.71	-1044.93	87.15	1062.02	40.67	26.11	PASS	
3917.00†	3905.28	-182.09	-95.07	4259.31	4103.13	196.97	-1044.79	85.53	1041.54	42.64	24.43	PASS	
4017.00†	4004.59	-192.50	-100.51	4352.28	4185.70	154.23	-1044.65	83.85	1021.97	44.64	22.89	PASS	
4117.00†	4103.90	-202.92	-105.94	4445.25	4268.26	111.49	-1044.51	82.12	1003.38	46.67	21.50	PASS	
4217.00†	4203.21	-213.33	-111.38	4538.22	4350.82	68.75	-1044.37	80.33	985.81	48.73	20.23	PASS	
4317.00†	4302.51	-223.74	-116.82	4631.19	4433.39	26.01	-1044.22	78.49	969.32	50.82	19.08	PASS	
4417.00†	4401.82	-234.16	-122.26	4724.16	4515.95	-16.73	-1044.08	76.59	953.97	52.91	18.03	PASS	
4517.00†	4501.13	-244.57	-127.69	4817.13	4598.51	-59.47	-1043.94	74.63	939.82	55.01	17.09	PASS	
4617.00†	4600.44	-254.98	-133.13	4910.10	4681.08	-102.21	-1043.80	72.63	926.91	57.10	16.23	PASS	
4717.00†	4699.74	-265.40	-138.57	5003.07	4763.64	-144.95	-1043.66	70.58	915.31	59.18	15.47	PASS	
4817.00†	4799.05	-275.81	-144.00	5096.04	4846.20	-187.70	-1043.52	68.49	905.05	61.23	14.78	PASS	
4917.00†	4898.36	-286.23	-149.44	5189.01	4928.76	-230.44	-1043.38	66.36	896.19	63.25	14.17	PASS	
5017.00†	4997.67	-296.64	-154.88	5281.98	5011.33	-273.18	-1043.24	64.19	888.77	65.22	13.63	PASS	
5117.00†	5096.97	-307.05	-160.31	5374.95	5093.89	-315.92	-1043.10	62.00	882.83	67.14	13.15	PASS	
5217.00†	5196.28	-317.47	-165.75	5467.92	5176.45	-358.66	-1042.96	59.78	878.39	69.00	12.73	PASS	
5317.00†	5295.59	-327.88	-171.19	5560.89	5259.02	-401.40	-1042.82	57.55	875.49	70.79	12.37	PASS	
5417.00†	5394.90	-338.29	-176.63	5653.86	5341.58	-444.14	-1042.67	55.31	874.12	72.49	12.06	PASS	
5517.00†	5494.20	-348.71	-182.06	5746.83	5424.14	-486.88	-1042.53	53.07	874.30	74.12	11.80	PASS	
5617.00†	5593.51	-359.12	-187.50	5839.80	5506.71	-529.62	-1042.39	50.83	876.04	75.65	11.58	PASS	
5717.00†	5692.82	-369.54	-192.94	5977.01	5632.41	-584.00	-1041.98	48.11	877.79	77.52	11.32	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
Closest Approach
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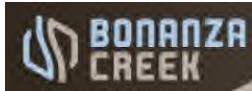
REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: STATE NORTH PLATTE J24-F21-26HNC PWB Offset Wellpath: STATE NORTH PLATTE J24-F21-26HNC (REV-A.0) PWP												
Facility: SEC.26-T5N-R63W Slot: SLOT#24 STATE NORTH PLATTE J24-F21-26HNC (WELL 5, STATE NORTH PLATTE I-26 PAD) Well: STATE NORTH PLATTE J24-F21-26HNC Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5817.00†	5792.13	-379.95	-198.37	6150.66	5803.60	-608.79	-1040.49	47.49	872.73	79.11	11.03	PASS
5862.74	5837.55	-384.71	-200.86	6228.09	5880.75	-602.97	-1039.50	48.29	867.65	79.93	10.86	PASS
5917.00†	5891.09	-392.91	-203.80	6311.67	5962.31	-585.10	-1038.24	63.18	859.24	81.48	10.55	PASS
6017.00†	5986.75	-421.11	-209.09	6426.74	6068.58	-541.53	-1036.21	76.78	839.84	82.38	10.19	PASS
6117.00†	6076.06	-465.52	-214.07	6492.69	6124.86	-507.25	-1034.93	84.82	823.36	83.79	9.83	PASS
6217.00†	6156.32	-524.79	-218.61	6523.54	6149.76	-489.03	-1034.30	88.82	816.51	85.48	9.55	PASS
6222.50†	6160.42	-528.45	-218.84	6524.42	6150.45	-488.50	-1034.29	88.93	816.48	85.57	9.54	PASS
6311.12†	6221.39	-592.55	-222.34	6531.76	6156.22	-483.96	-1034.14	89.56	821.62	86.90	9.45	PASS
6317.00†	6225.08	-597.12	-222.55	6531.78	6156.24	-483.95	-1034.14	89.53	822.32	86.97	9.46	PASS
6417.00†	6280.25	-680.31	-225.78	6525.48	6151.29	-487.84	-1034.26	87.62	841.02	88.10	9.55	PASS
6517.00†	6320.15	-771.83	-228.21	6509.59	6138.62	-497.44	-1034.59	83.66	870.92	88.86	9.80	PASS
6617.00†	6343.58	-868.91	-229.75	6487.16	6120.30	-510.37	-1035.04	78.23	909.34	89.34	10.18	PASS
6702.88	6350.00	-954.47	-230.33	6464.16	6101.01	-522.87	-1035.49	72.84	946.87	89.66	10.56	PASS
6717.00†	6350.00	-968.58	-230.37	6460.20	6097.63	-524.94	-1035.57	72.62	953.34	89.70	10.63	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: STATE NORTH PLATTE J24-F21-26HNC PWB Offset Wellpath: STATE NORTH PLATTE J24-F21-26HNC (REV-A.0) PWP				
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: STATE NORTH PLATTE J24-F21-26HNC PWB Offset Wellpath: STATE NORTH PLATTE J24-F21-26HNC (REV-A.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	17.00	1550.00	1533.00	12.00	1545.00	565.23	-638.36	565.23	-638.36



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NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

SURVEY PROGRAM - Offset Wellbore: Offset Wellpath: STATE NORTH PLATTE J24-F21-26HNC (REV-A.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1550.00	BHI NaviTrak (Rotating+Axial Corr)		STATE NORTH PLATTE J24-F21-26HNC PWB
1550.00	11318.30	BHI AutoTrak Curve (Axial Corr, Short spacing)		STATE NORTH PLATTE J24-F21-26HNC PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: STATE NORTH PLATTE J24-F21-26HNC PWB Offset Wellpath: STATE NORTH PLATTE J24-F21-26HNC (REV-A.0) PWP	
MD Reference: RIG (4555'GL + 17'RKB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	17.00ft



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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	18.12	19.12	4304.01	-1657.51	-21.06	4612.14	1.45	7101.28	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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NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

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

Facility: SEC.26-T5N-R63W Slot: SLOT#04 STATE NORTH PLATTE 11-14-26HNB (393'FNL & 956'FWL,SEC.26) Well: STATE NORTH PLATTE 11-14-26HNB Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
17.00	17.00	0.00	0.00	56.18	45.18	4325.76	-1657.36	-20.96	4632.48	1.50	6682.48	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#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	28.11	17.11	4344.10	-1657.49	-20.88	4649.56	1.44	7252.12	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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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	29.35	13.35	4343.32	-1532.30	-19.43	4605.69	1.43	7372.46	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

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

OFFSET WELLPATH REFERENCE - Offset Wellbore: STATE NORTH PLATTE A11-E14-26HNC AWB Offset Wellpath: STATE NORTH PLATTE A11-E14-26HNC AWP	
MD Reference: XTREME 19 (4567'GL + 17'KB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	17.00ft



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NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	33.36	16.36	4263.33	-1532.90	-19.78	4530.54	1.43	7190.17	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

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

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

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

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

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

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



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NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	-4592.22	3587.40	142.00	5827.35	25.40	236.83	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	-2799.26	2187.08	-2798.90	2186.81
7in Casing Intermediate	0.00	6897.00	6897.00	10.00	N/A	-2799.26	2187.08	N/A	N/A

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

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



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NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	11.07	18.07	-843.55	3062.94	105.40	3176.98	25.40	129.10	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

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

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

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

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

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

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



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NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	11.07	18.07	-843.55	3062.94	105.40	3176.98	25.40	129.10	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#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	-10472.28	-2645.40	-165.82	10801.24	25.40	439.01	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

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

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

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

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
8.625in Casing Surface	15.00	774.00	759.00	26.00	784.93	-6383.81	-1612.98	-6384.49	-1610.79
4.5in Casing Intermediate	15.00	6701.00	6686.00	26.00	N/A	-6383.81	-1612.98	N/A	N/A

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

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

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

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



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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	37.37	20.37	4303.31	-1532.63	-19.60	4568.09	1.46	6978.88	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: NORTH PLATTE 24-21-23HNC AWB Offset Wellpath: NORTH PLATTE 24-21-23HNC AWP

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

WELLPATH COMPOSITION - Offset Wellbore: NORTH PLATTE 24-21-23HNC AWB Offset Wellpath: NORTH PLATTE 24-21-23HNC AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1613.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI MWD NAVITRAK+SR+AC+ROCKIES <209-1613>	NORTH PLATTE 24-21-23HNC AWB
1613.00	11071.00	Custom BHI AutoTrak Curve (Axial Corr, Short spacing) (Rockies 0.03Gt model)	BAKER ATCURVE+AC+SS+ROCKIES <1676-11071>	NORTH PLATTE 24-21-23HNC AWB
11071.00	11096.00	Blind Drilling (std)	Projection to bit	NORTH PLATTE 24-21-23HNC AWB

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

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



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NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC PWB
Facility	SEC.26-T5N-R63W		

CLEARANCE DATA - Offset Wellbore: NORTH PLATTE 024-K21-23HNB AWB Offset Wellpath: NORTH PLATTE 024-K21-23HNB AWP

Facility: SEC.26-T5N-R63W Slot: SLOT#16 NORTH PLATTE 024-K21-23HNB (436'FNL & 1081'FWL, SEC.26) Well: NORTH PLATTE 024-K21-23HNB Threshold Value=1.00 † = interpolated/extrapolated station												Sep Ratio	ACR Status
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]			
17.00	17.00	0.00	0.00	40.33	23.33	4283.30	-1532.80	-19.69	4549.30	1.45		7060.55	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: NORTH PLATTE 024-K21-23HNB AWB Offset Wellpath: NORTH PLATTE 024-K21-23HNB AWP

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

WELLPATH COMPOSITION - Offset Wellbore: NORTH PLATTE 024-K21-23HNB AWB Offset Wellpath: NORTH PLATTE 024-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 024-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 024-K21-23HNB AWB
11140.00	11169.00	Blind Drilling (std)	Projection to bit	NORTH PLATTE 024-K21-23HNB AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: NORTH PLATTE 024-K21-23HNB AWB 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#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	35.19	18.19	4223.28	-1533.27	-19.95	4492.99	1.43	7117.64	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: NORTH PLATTE E-A-23HNC AWB Offset Wellpath: NORTH PLATTE E-A-23HNC AWP

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

WELLPATH COMPOSITION - Offset Wellbore: NORTH PLATTE E-A-23HNC AWB Offset Wellpath: NORTH PLATTE E-A-23HNC AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1577.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI MWD +SR+AC+ROCKIES <121-1577>	NORTH PLATTE E-A-23HNC AWB
1577.00	11118.00	Custom BHI AutoTrak Curve (Axial Corr, Short spacing) (Rockies 0.03Gt model)	BHGE ATCURVE +AC+SS+ROCKIES <1666-11118>	NORTH PLATTE E-A-23HNC AWB
11118.00	11142.00	Blind Drilling (std)	Projection to bit	NORTH PLATTE E-A-23HNC AWB

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

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



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NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	32.05	16.05	4323.32	-1532.45	-19.52	4586.89	1.44	7186.25	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: NORTH PLATTE J-F-23HNB AWB Offset Wellpath: NORTH PLATTE J-F-23HNB AWP				
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: NORTH PLATTE J-F-23HNB AWB Offset Wellpath: NORTH PLATTE J-F-23HNB AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1613.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI MWD NAVITRAK+SR+ROCKIES <121-1613>	NORTH PLATTE J-F-23HNB AWB
1613.00	10985.00	Custom BHI AutoTrak Curve (Axial Corr, Short spacing) (Rockies 0.03Gt model)	BHI ATCURVE +AC+SS+ROCKIES <1757-10985>	NORTH PLATTE J-F-23HNB AWB
10985.00	11010.00	Blind Drilling (std)	Projection to bit	NORTH PLATTE J-F-23HNB AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: NORTH PLATTE J-F-23HNB AWB Offset Wellpath: NORTH PLATTE J-F-23HNB AWP	
MD Reference: XTREME 19 (4567°GL + 17°KB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	17.00ft



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NORTH PLATTE K21-35-2MRLNC (REV-B.0) PWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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°FNL, 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	30.41	14.41	4363.32	-1532.12	-19.35	4624.50	1.43	7407.61	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
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: NORTH PLATTE E14-A11-23HNB AWB Offset Wellpath: NORTH PLATTE E14-A11-23HNB AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1612.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI MWD NAVITRAK+SR+ROCKIES <121-1612>	NORTH PLATTE E14-A11-23HNB AWB
1612.00	11014.00	Custom BHI AutoTrak Curve (Axial Corr, Short spacing) (Rockies 0.03Gt model)	BHI ATCURVE+AC+SS+ROCKIES <1762-11014>	NORTH PLATTE E14-A11-23HNB AWB
11014.00	11038.00	Blind Drilling (std)	Projection to bit	NORTH PLATTE E14-A11-23HNB AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: NORTH PLATTE E14-A11-23HNB AWB Offset Wellpath: NORTH PLATTE E14-A11-23HNB AWP	
MD Reference: XTREME 19 (4567°GL + 17°KB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	17.00ft



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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#27 NORTH PLATTE K21-35-2MRLNC (WELL 7,STATE NORTH PLATTE O-26 PAD)
Area	COLORADO	Well	NORTH PLATTE K21-35-2MRLNC
Field	WELD COUNTY	Wellbore	NORTH PLATTE K21-35-2MRLNC 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	28.42	12.42	4383.32	-1531.95	-19.26	4643.32	1.43	7411.51	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: NORTH PLATTE J14-F11-23HC AWB Offset Wellpath: NORTH PLATTE J14-F11-23HC AWP

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

WELLPATH COMPOSITION - Offset Wellbore: NORTH PLATTE J14-F11-23HC AWB Offset Wellpath: NORTH PLATTE J14-F11-23HC AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1612.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI NAVITRAK +SR+ROCKIES <121-1612>	NORTH PLATTE J14-F11-23HC AWB
1612.00	11187.00	Custom BHI AutoTrak Curve (Axial Corr, Short spacing) (Rockies 0.03Gt model)	BHI ATCURVE +AC+SS+ROCKIES <1757-11187>	NORTH PLATTE J14-F11-23HC AWB
11187.00	11212.00	Blind Drilling (std)	Projection to bit	NORTH PLATTE J14-F11-23HC AWB

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

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