

To correct azimuth from Magnetic to True add 8.15 degrees



Planned Wellpath Report

NORTH PLATTE F21-J24-28HNB PWP (REV-C.0)

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REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#04 NORTH PLATTE F21-J24-28HNB (1427'FSL & 1444'FWL, SEC.21)
Area	COLORADO	Well	NORTH PLATTE F21-J24-28HNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE F21-J24-28HNB PWB
Facility	SEC.21-T05N-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	1/31/2018 at 3:28:54 PM
Convergence at slot	0.69° East	Database/Source file	Denver/NORTH_PLATTE_F21-J24-28HNB_PWP__REV-C.0_.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-209.13	145.69	3293810.75	1383624.29	40°22'53.954"N	104°26'43.166"W
Facility Reference Pt			3293662.59	1383831.67	40°22'56.021"N	104°26'45.049"W
Field Reference Pt			3224525.77	1254425.87	40°01'44.400"N	104°41'53.556"W

WELLPATH DATUM

Calculation method	Minimum curvature	RIG (17'KB) (RKB) to Facility Vertical Datum	4570.00ft
Horizontal Reference Pt	Slot	RIG (17'KB) (RKB) to Mean Sea Level	4570.00ft
Vertical Reference Pt	RIG (17'KB) (RKB)	RIG (17'KB) (RKB) to Ground Level at Slot (SLOT#04 NORTH PLATTE F21-J24-28HNB (1427'FSL & 1444'FWL, SEC.21))	4570.00ft
MD Reference Pt	RIG (17'KB) (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	178.02°



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Field	WELD COUNTY	Wellbore	NORTH PLATTE F21-J24-28HNB PWB
Facility	SEC.21-T05N-R63W		

WELLPATH DATA (122 stations) † = interpolated/extrapolated station										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00†	0.000	166.914	0.00	0.00	0.00	0.00	40°22'53.954"N	104°26'43.166"W	0.00	
17.00	0.000	166.914	17.00	0.00	0.00	0.00	40°22'53.954"N	104°26'43.166"W	0.00	Tie On
117.00†	0.000	166.914	117.00	0.00	0.00	0.00	40°22'53.954"N	104°26'43.166"W	0.00	
217.00†	0.000	166.914	217.00	0.00	0.00	0.00	40°22'53.954"N	104°26'43.166"W	0.00	
317.00†	0.000	166.914	317.00	0.00	0.00	0.00	40°22'53.954"N	104°26'43.166"W	0.00	
417.00†	0.000	166.914	417.00	0.00	0.00	0.00	40°22'53.954"N	104°26'43.166"W	0.00	
517.00†	0.000	166.914	517.00	0.00	0.00	0.00	40°22'53.954"N	104°26'43.166"W	0.00	
617.00†	0.000	166.914	617.00	0.00	0.00	0.00	40°22'53.954"N	104°26'43.166"W	0.00	
717.00†	0.000	166.914	717.00	0.00	0.00	0.00	40°22'53.954"N	104°26'43.166"W	0.00	
817.00†	0.000	166.914	817.00	0.00	0.00	0.00	40°22'53.954"N	104°26'43.166"W	0.00	
917.00†	0.000	166.914	917.00	0.00	0.00	0.00	40°22'53.954"N	104°26'43.166"W	0.00	
1017.00†	0.000	166.914	1017.00	0.00	0.00	0.00	40°22'53.954"N	104°26'43.166"W	0.00	
1117.00†	0.000	166.914	1117.00	0.00	0.00	0.00	40°22'53.954"N	104°26'43.166"W	0.00	
1217.00†	0.000	166.914	1217.00	0.00	0.00	0.00	40°22'53.954"N	104°26'43.166"W	0.00	
1317.00†	0.000	166.914	1317.00	0.00	0.00	0.00	40°22'53.954"N	104°26'43.166"W	0.00	
1417.00†	0.000	166.914	1417.00	0.00	0.00	0.00	40°22'53.954"N	104°26'43.166"W	0.00	
1517.00†	0.000	166.914	1517.00	0.00	0.00	0.00	40°22'53.954"N	104°26'43.166"W	0.00	
1617.00†	0.000	166.914	1617.00	0.00	0.00	0.00	40°22'53.954"N	104°26'43.166"W	0.00	
1717.00†	0.000	166.914	1717.00	0.00	0.00	0.00	40°22'53.954"N	104°26'43.166"W	0.00	
1817.00†	0.000	166.914	1817.00	0.00	0.00	0.00	40°22'53.954"N	104°26'43.166"W	0.00	
1917.00†	0.000	166.914	1917.00	0.00	0.00	0.00	40°22'53.954"N	104°26'43.166"W	0.00	
2017.00†	0.000	166.914	2017.00	0.00	0.00	0.00	40°22'53.954"N	104°26'43.166"W	0.00	
2100.00	0.000	166.914	2100.00	0.00	0.00	0.00	40°22'53.954"N	104°26'43.166"W	0.00	End of Tangent
2117.00†	0.340	166.914	2117.00	0.05	-0.05	0.01	40°22'53.954"N	104°26'43.166"W	2.00	
2217.00†	2.340	166.914	2216.97	2.34	-2.33	0.54	40°22'53.931"N	104°26'43.159"W	2.00	
2317.00†	4.340	166.914	2316.79	8.06	-8.00	1.86	40°22'53.875"N	104°26'43.142"W	2.00	
2417.00†	6.340	166.914	2416.35	17.19	-17.07	3.97	40°22'53.786"N	104°26'43.115"W	2.00	
2517.00†	8.340	166.914	2515.53	29.73	-29.51	6.86	40°22'53.663"N	104°26'43.078"W	2.00	
2617.00†	10.340	166.914	2614.20	45.65	-45.32	10.53	40°22'53.507"N	104°26'43.030"W	2.00	
2717.00†	12.340	166.914	2712.24	64.95	-64.47	14.99	40°22'53.317"N	104°26'42.973"W	2.00	



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Area	COLORADO	Well	NORTH PLATTE F21-J24-28HNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE F21-J24-28HNB PWB
Facility	SEC.21-T05N-R63W		

WELLPATH DATA (122 stations) † = interpolated/extrapolated station										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
2817.00†	14.340	166.914	2809.54	87.59	-86.94	20.21	40°22'53.095"N	104°26'42.905"W	2.00	
2844.24	14.885	166.914	2835.90	94.33	-93.63	21.76	40°22'53.029"N	104°26'42.885"W	2.00	End of Build (XS)
2917.00†	14.885	166.914	2906.22	112.67	-111.84	26.00	40°22'52.849"N	104°26'42.830"W	0.00	
3017.00†	14.885	166.914	3002.86	137.88	-136.86	31.81	40°22'52.602"N	104°26'42.755"W	0.00	
3117.00†	14.885	166.914	3099.50	163.08	-161.88	37.63	40°22'52.355"N	104°26'42.680"W	0.00	
3217.00†	14.885	166.914	3196.15	188.29	-186.90	43.44	40°22'52.108"N	104°26'42.605"W	0.00	
3317.00†	14.885	166.914	3292.79	213.50	-211.92	49.26	40°22'51.860"N	104°26'42.530"W	0.00	
3417.00†	14.885	166.914	3389.44	238.70	-236.94	55.08	40°22'51.613"N	104°26'42.455"W	0.00	
3517.00†	14.885	166.914	3486.08	263.91	-261.96	60.89	40°22'51.366"N	104°26'42.380"W	0.00	
3617.00†	14.885	166.914	3582.73	289.12	-286.98	66.71	40°22'51.119"N	104°26'42.304"W	0.00	
3717.00†	14.885	166.914	3679.37	314.32	-312.00	72.52	40°22'50.871"N	104°26'42.229"W	0.00	
3817.00†	14.885	166.914	3776.02	339.53	-337.02	78.34	40°22'50.624"N	104°26'42.154"W	0.00	
3917.00†	14.885	166.914	3872.66	364.74	-362.04	84.15	40°22'50.377"N	104°26'42.079"W	0.00	
4017.00†	14.885	166.914	3969.30	389.94	-387.07	89.97	40°22'50.130"N	104°26'42.004"W	0.00	
4117.00†	14.885	166.914	4065.95	415.15	-412.09	95.79	40°22'49.882"N	104°26'41.929"W	0.00	
4217.00†	14.885	166.914	4162.59	440.36	-437.11	101.60	40°22'49.635"N	104°26'41.854"W	0.00	
4317.00†	14.885	166.914	4259.24	465.56	-462.13	107.42	40°22'49.388"N	104°26'41.778"W	0.00	
4417.00†	14.885	166.914	4355.88	490.77	-487.15	113.23	40°22'49.141"N	104°26'41.703"W	0.00	
4517.00†	14.885	166.914	4452.53	515.98	-512.17	119.05	40°22'48.893"N	104°26'41.628"W	0.00	
4617.00†	14.885	166.914	4549.17	541.18	-537.19	124.87	40°22'48.646"N	104°26'41.553"W	0.00	
4717.00†	14.885	166.914	4645.81	566.39	-562.21	130.68	40°22'48.399"N	104°26'41.478"W	0.00	
4817.00†	14.885	166.914	4742.46	591.60	-587.23	136.50	40°22'48.152"N	104°26'41.403"W	0.00	
4917.00†	14.885	166.914	4839.10	616.80	-612.25	142.31	40°22'47.904"N	104°26'41.327"W	0.00	
5017.00†	14.885	166.914	4935.75	642.01	-637.27	148.13	40°22'47.657"N	104°26'41.252"W	0.00	
5117.00†	14.885	166.914	5032.39	667.22	-662.29	153.95	40°22'47.410"N	104°26'41.177"W	0.00	
5217.00†	14.885	166.914	5129.04	692.42	-687.31	159.76	40°22'47.163"N	104°26'41.102"W	0.00	
5317.00†	14.885	166.914	5225.68	717.63	-712.33	165.58	40°22'46.915"N	104°26'41.027"W	0.00	
5417.00†	14.885	166.914	5322.33	742.84	-737.35	171.39	40°22'46.668"N	104°26'40.952"W	0.00	
5517.00†	14.885	166.914	5418.97	768.04	-762.37	177.21	40°22'46.421"N	104°26'40.877"W	0.00	
5617.00†	14.885	166.914	5515.61	793.25	-787.39	183.02	40°22'46.174"N	104°26'40.801"W	0.00	



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Area	COLORADO	Well	NORTH PLATTE F21-J24-28HNB
Field	WELD COUNTY	Wellbore	NORTH PLATTE F21-J24-28HNB PWB
Facility	SEC.21-T05N-R63W		

WELLPATH DATA (122 stations) † = interpolated/extrapolated station										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
5717.00†	14.885	166.914	5612.26	818.46	-812.42	188.84	40°22'45.926"N	104°26'40.726"W	0.00	
5817.00†	14.885	166.914	5708.90	843.66	-837.44	194.66	40°22'45.679"N	104°26'40.651"W	0.00	
5917.00†	14.885	166.914	5805.55	868.87	-862.46	200.47	40°22'45.432"N	104°26'40.576"W	0.00	
5972.41	14.885	166.914	5859.10	882.84	-876.32	203.69	40°22'45.295"N	104°26'40.534"W	0.00	End of Tangent (XS)
6017.00†	19.245	170.113	5901.72	895.74	-889.14	206.25	40°22'45.168"N	104°26'40.501"W	10.00	
6117.00†	29.130	173.884	5992.83	936.44	-929.68	211.69	40°22'44.768"N	104°26'40.431"W	10.00	
6217.00†	39.070	175.855	6075.53	992.35	-985.46	216.57	40°22'44.216"N	104°26'40.368"W	10.00	
6317.00†	49.031	177.125	6147.32	1061.77	-1054.77	220.76	40°22'43.531"N	104°26'40.314"W	10.00	
6417.00†	59.003	178.059	6206.00	1142.58	-1135.52	224.11	40°22'42.734"N	104°26'40.271"W	10.00	
6517.00†	68.980	178.815	6249.80	1232.34	-1225.24	226.53	40°22'41.847"N	104°26'40.239"W	10.00	
6617.00†	78.960	179.475	6277.38	1328.31	-1321.22	227.95	40°22'40.899"N	104°26'40.221"W	10.00	
6717.00†	88.941	180.091	6287.90	1427.58	-1420.54	228.32	40°22'39.917"N	104°26'40.216"W	10.00	
6727.61	90.000	180.156	6288.00†	1438.18	-1431.15	228.30	40°22'39.812"N	104°26'40.217"W	10.00	End of 3D Arc (XS)
6817.00†	90.000	180.156	6288.00	1527.51	-1520.54	228.06	40°22'38.929"N	104°26'40.220"W	0.00	
6917.00†	90.000	180.156	6288.00	1627.44	-1620.54	227.78	40°22'37.941"N	104°26'40.223"W	0.00	
7017.00†	90.000	180.156	6288.00	1727.37	-1720.54	227.51	40°22'36.953"N	104°26'40.227"W	0.00	
7117.00†	90.000	180.156	6288.00	1827.30	-1820.53	227.24	40°22'35.964"N	104°26'40.230"W	0.00	
7217.00†	90.000	180.156	6288.00	1927.23	-1920.53	226.97	40°22'34.976"N	104°26'40.234"W	0.00	
7317.00†	90.000	180.156	6288.00	2027.16	-2020.53	226.70	40°22'33.988"N	104°26'40.237"W	0.00	
7417.00†	90.000	180.156	6288.00	2127.09	-2120.53	226.43	40°22'33.000"N	104°26'40.241"W	0.00	
7517.00†	90.000	180.156	6288.00	2227.02	-2220.53	226.16	40°22'32.012"N	104°26'40.244"W	0.00	
7617.00†	90.000	180.156	6288.00	2326.95	-2320.53	225.88	40°22'31.024"N	104°26'40.248"W	0.00	
7717.00†	90.000	180.156	6288.00	2426.88	-2420.53	225.61	40°22'30.035"N	104°26'40.251"W	0.00	
7817.00†	90.000	180.156	6288.00	2526.81	-2520.53	225.34	40°22'29.047"N	104°26'40.255"W	0.00	
7917.00†	90.000	180.156	6288.00	2626.74	-2620.53	225.07	40°22'28.059"N	104°26'40.258"W	0.00	
8017.00†	90.000	180.156	6288.00	2726.67	-2720.53	224.80	40°22'27.071"N	104°26'40.262"W	0.00	
8117.00†	90.000	180.156	6288.00	2826.60	-2820.53	224.53	40°22'26.083"N	104°26'40.265"W	0.00	
8217.00†	90.000	180.156	6288.00	2926.54	-2920.53	224.25	40°22'25.095"N	104°26'40.269"W	0.00	
8317.00†	90.000	180.156	6288.00	3026.47	-3020.53	223.98	40°22'24.106"N	104°26'40.272"W	0.00	
8417.00†	90.000	180.156	6288.00	3126.40	-3120.53	223.71	40°22'23.118"N	104°26'40.276"W	0.00	



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MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
8517.00†	90.000	180.156	6288.00	3226.33	-3220.53	223.44	40°22'22.130"N	104°26'40.280"W	0.00	
8617.00†	90.000	180.156	6288.00	3326.26	-3320.53	223.17	40°22'21.142"N	104°26'40.283"W	0.00	
8717.00†	90.000	180.156	6288.00	3426.19	-3420.53	222.90	40°22'20.154"N	104°26'40.287"W	0.00	
8817.00†	90.000	180.156	6288.00	3526.12	-3520.53	222.62	40°22'19.166"N	104°26'40.290"W	0.00	
8917.00†	90.000	180.156	6288.00	3626.05	-3620.53	222.35	40°22'18.177"N	104°26'40.294"W	0.00	
9017.00†	90.000	180.156	6288.00	3725.98	-3720.53	222.08	40°22'17.189"N	104°26'40.297"W	0.00	
9117.00†	90.000	180.156	6288.00	3825.91	-3820.53	221.81	40°22'16.201"N	104°26'40.301"W	0.00	
9217.00†	90.000	180.156	6288.00	3925.84	-3920.53	221.54	40°22'15.213"N	104°26'40.304"W	0.00	
9317.00†	90.000	180.156	6288.00	4025.77	-4020.53	221.27	40°22'14.225"N	104°26'40.308"W	0.00	
9417.00†	90.000	180.156	6288.00	4125.70	-4120.53	220.99	40°22'13.237"N	104°26'40.311"W	0.00	
9517.00†	90.000	180.156	6288.00	4225.63	-4220.53	220.72	40°22'12.249"N	104°26'40.315"W	0.00	
9617.00†	90.000	180.156	6288.00	4325.56	-4320.53	220.45	40°22'11.260"N	104°26'40.318"W	0.00	
9717.00†	90.000	180.156	6288.00	4425.49	-4420.53	220.18	40°22'10.272"N	104°26'40.322"W	0.00	
9817.00†	90.000	180.156	6288.00	4525.42	-4520.52	219.91	40°22'09.284"N	104°26'40.325"W	0.00	
9917.00†	90.000	180.156	6288.00	4625.35	-4620.52	219.64	40°22'08.296"N	104°26'40.329"W	0.00	
10017.00†	90.000	180.156	6288.00	4725.28	-4720.52	219.36	40°22'07.308"N	104°26'40.332"W	0.00	
10117.00†	90.000	180.156	6288.00	4825.22	-4820.52	219.09	40°22'06.320"N	104°26'40.336"W	0.00	
10217.00†	90.000	180.156	6288.00	4925.15	-4920.52	218.82	40°22'05.331"N	104°26'40.339"W	0.00	
10317.00†	90.000	180.156	6288.00	5025.08	-5020.52	218.55	40°22'04.343"N	104°26'40.343"W	0.00	
10417.00†	90.000	180.156	6288.00	5125.01	-5120.52	218.28	40°22'03.355"N	104°26'40.346"W	0.00	
10517.00†	90.000	180.156	6288.00	5224.94	-5220.52	218.01	40°22'02.367"N	104°26'40.350"W	0.00	
10617.00†	90.000	180.156	6288.00	5324.87	-5320.52	217.73	40°22'01.379"N	104°26'40.353"W	0.00	
10717.00†	90.000	180.156	6288.00	5424.80	-5420.52	217.46	40°22'00.391"N	104°26'40.357"W	0.00	
10817.00†	90.000	180.156	6288.00	5524.73	-5520.52	217.19	40°21'59.402"N	104°26'40.361"W	0.00	
10917.00†	90.000	180.156	6288.00	5624.66	-5620.52	216.92	40°21'58.414"N	104°26'40.364"W	0.00	
11017.00†	90.000	180.156	6288.00	5724.59	-5720.52	216.65	40°21'57.426"N	104°26'40.368"W	0.00	
11117.00†	90.000	180.156	6288.00	5824.52	-5820.52	216.38	40°21'56.438"N	104°26'40.371"W	0.00	
11217.00†	90.000	180.156	6288.00	5924.45	-5920.52	216.10	40°21'55.450"N	104°26'40.375"W	0.00	
11317.00†	90.000	180.156	6288.00	6024.38	-6020.52	215.83	40°21'54.462"N	104°26'40.378"W	0.00	
11417.00†	90.000	180.156	6288.00	6124.31	-6120.52	215.56	40°21'53.473"N	104°26'40.382"W	0.00	



Planned Wellpath Report

NORTH PLATTE F21-J24-28HNB PWP (REV-C.0)

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

WELLPATH DATA (122 stations) † = interpolated/extrapolated station										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
11517.00†	90.000	180.156	6288.00	6224.24	-6220.52	215.29	40°21'52.485"N	104°26'40.385"W	0.00	
11523.20	90.000	180.156	6288.00 ²	6230.44	-6226.72	215.27	40°21'52.424"N	104°26'40.385"W	0.00	End of Tangent (XS)

HOLE & CASING SECTIONS									
- Ref Wellbore: NORTH PLATTE F21-J24-28HNB PWB Ref Wellpath: NORTH PLATTE F21-J24-28HNB PWP (REV-C.0)									
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
8.5in Open Hole	1550.00	11523.20	9973.20	1550.00	N/A	0.00	0.00	N/A	N/A

TARGETS										
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape	
SEC.21-T05N-R63W		-8.00	209.14	-145.69	3293662.59	1383831.67	40°22'56.021"N	104°26'45.049"W	polygon	
SEC.28-T05N-R63W		-8.00	-1710.53	3528.09	3297358.79	1381955.91	40°22'37.049"N	104°25'57.580"W	polygon	
2) NORTH PLATTE F21-J24-28HNB BHL (470'FSL & 1646'FWL, SEC.28)	11523.20	6288.00	-6226.72	215.27	3294100.05	1377400.84	40°21'52.424"N	104°26'40.385"W	point	
NORTH PLATTE F21-J24-28HNB LP (470'FNL & 1654'FWL, SEC.28)		6288.00	-1891.15	228.30	3294061.51	1381736.07	40°22'35.267"N	104°26'40.217"W	point	
1) NORTH PLATTE F21-J24-28HNB LP REV-1 (10'FNL & 1654'FWL, SEC.28)	6727.61	6288.00	-1431.15	228.30	3294056.05	1382196.02	40°22'39.812"N	104°26'40.217"W	point	
SEC.28-T05N-R63W 460'SETBACKS		6425.00	-1710.53	3528.09	3297358.79	1381955.91	40°22'37.049"N	104°25'57.580"W	polygon	



Planned Wellpath Report

NORTH PLATTE F21-J24-28HNB PWP (REV-C.0)

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

SURVEY PROGRAM - Ref Wellbore: NORTH PLATTE F21-J24-28HNB PWB Ref Wellpath: NORTH PLATTE F21-J24-28HNB PWP (REV-C.0)				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1550.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)		NORTH PLATTE F21-J24-28HNB PWB
1550.00	11523.20	Custom BHI AutoTrak Curve (Axial Corr, Short spacing) (Rockies 0.03Gt model)		NORTH PLATTE F21-J24-28HNB PWB



Planned Wellpath Report

NORTH PLATTE F21-J24-28HNB PWP (REV-C.0)

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

DESIGN COMMENTS				
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
17.00	0.000	166.914	17.00	Tie On
2100.00	0.000	166.914	2100.00	End of Tangent
2844.24	14.885	166.914	2835.90	End of Build (XS)
5972.41	14.885	166.914	5859.10	End of Tangent (XS)
6727.61	90.000	180.156	6288.00	End of 3D Arc (XS)
11523.20	90.000	180.156	6288.00	End of Tangent (XS)