





# Planned Wellpath Report

## PRONGHORN J-7-6XRLNB PWP (REV-A.0)

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### REFERENCE WELLPATH IDENTIFICATION

Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#03 PRONGHORN J-7-6XRLNB (428'FNL & 1425'FWL, SEC.18)
Area	COLORADO	Well	PRONGHORN J-7-6XRLNB
Field	WELD COUNTY	Wellbore	PRONGHORN J-7-6XRLNB PWB
Facility	SEC.18-T05N-R61W		

### REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Colorado SP, Northern Zone (501), US feet	Software System	WellArchitect® 5.0
North Reference	True	User	Ingmjamr
Scale	0.999961	Report Generated	2/8/2018 at 10:01:07 AM
Convergence at slot	0.81° East	Database/Source file	Denver/PRONGHORN_J-7-6XRLNB_PWP__REV-A.0_.xml

### WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	0.00	0.00	3346203.65	1393657.63	40°24'26.388"N	104°15'24.372"W
Facility Reference Pt			3346203.65	1393657.63	40°24'26.388"N	104°15'24.372"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	4582.00ft
Horizontal Reference Pt	Slot	RIG (17'KB) (RKB) to Mean Sea Level	4582.00ft
Vertical Reference Pt	RIG (17'KB) (RKB)	RIG (17'KB) (RKB) to Mud Line at Slot (SLOT#03 PRONGHORN J-7-6XRLNB (428'FNL & 1425'FWL, SEC.18))	4582.00ft
MD Reference Pt	RIG (17'KB) (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	358.97°



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Facility	SEC.18-T05N-R61W		

WELLPATH DATA (167 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	345.198	0.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
17.00	0.000	345.198	17.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	Tie On
117.00†	0.000	345.198	117.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
217.00†	0.000	345.198	217.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
317.00†	0.000	345.198	317.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
417.00†	0.000	345.198	417.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
517.00†	0.000	345.198	517.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
617.00†	0.000	345.198	617.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
717.00†	0.000	345.198	717.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
817.00†	0.000	345.198	817.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
917.00†	0.000	345.198	917.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
1017.00†	0.000	345.198	1017.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
1117.00†	0.000	345.198	1117.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
1217.00†	0.000	345.198	1217.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
1317.00†	0.000	345.198	1317.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
1417.00†	0.000	345.198	1417.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
1517.00†	0.000	345.198	1517.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
1617.00†	0.000	345.198	1617.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
1717.00†	0.000	345.198	1717.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
1817.00†	0.000	345.198	1817.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
1917.00†	0.000	345.198	1917.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
2017.00†	0.000	345.198	2017.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
2117.00†	0.000	345.198	2117.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
2217.00†	0.000	345.198	2217.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
2317.00†	0.000	345.198	2317.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
2417.00†	0.000	345.198	2417.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
2517.00†	0.000	345.198	2517.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
2617.00†	0.000	345.198	2617.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
2717.00†	0.000	345.198	2717.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
2817.00†	0.000	345.198	2817.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	



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PRONGHORN J-7-6XRLNB PWP (REV-A.0)  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#03 PRONGHORN J-7-6XRLNB (428'FNL & 1425'FWL, SEC.18)
Area	COLORADO	Well	PRONGHORN J-7-6XRLNB
Field	WELD COUNTY	Wellbore	PRONGHORN J-7-6XRLNB PWB
Facility	SEC.18-T05N-R61W		

WELLPATH DATA (167 stations) † = interpolated/extrapolated station										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
2917.00†	0.000	345.198	2917.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
3017.00†	0.000	345.198	3017.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
3117.00†	0.000	345.198	3117.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
3217.00†	0.000	345.198	3217.00	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	
3254.61	0.000	345.198	3254.61	0.00	0.00	0.00	40°24'26.388"N	104°15'24.372"W	0.00	End of Tangent
3317.00†	1.248	345.198	3317.00	0.66	0.66	-0.17	40°24'26.394"N	104°15'24.374"W	2.00	
3417.00†	3.248	345.198	3416.91	4.47	4.45	-1.18	40°24'26.432"N	104°15'24.387"W	2.00	
3517.00†	5.248	345.198	3516.63	11.66	11.61	-3.07	40°24'26.503"N	104°15'24.412"W	2.00	
3617.00†	7.248	345.198	3616.03	22.23	22.13	-5.85	40°24'26.607"N	104°15'24.448"W	2.00	
3704.61	9.000	345.198	3702.76	34.26	34.10	-9.01	40°24'26.725"N	104°15'24.488"W	2.00	End of Build (XS)
3717.00†	9.000	345.198	3715.00	36.14	35.97	-9.51	40°24'26.743"N	104°15'24.495"W	0.00	
3817.00†	9.000	345.198	3813.77	51.33	51.10	-13.50	40°24'26.893"N	104°15'24.547"W	0.00	
3917.00†	9.000	345.198	3912.54	66.53	66.22	-17.50	40°24'27.042"N	104°15'24.598"W	0.00	
4017.00†	9.000	345.198	4011.31	81.72	81.35	-21.50	40°24'27.192"N	104°15'24.650"W	0.00	
4117.00†	9.000	345.198	4110.07	96.91	96.47	-25.49	40°24'27.341"N	104°15'24.702"W	0.00	
4217.00†	9.000	345.198	4208.84	112.11	111.59	-29.49	40°24'27.491"N	104°15'24.753"W	0.00	
4317.00†	9.000	345.198	4307.61	127.30	126.72	-33.49	40°24'27.640"N	104°15'24.805"W	0.00	
4417.00†	9.000	345.198	4406.38	142.50	141.84	-37.48	40°24'27.790"N	104°15'24.857"W	0.00	
4517.00†	9.000	345.198	4505.15	157.69	156.97	-41.48	40°24'27.939"N	104°15'24.908"W	0.00	
4617.00†	9.000	345.198	4603.92	172.88	172.09	-45.48	40°24'28.089"N	104°15'24.960"W	0.00	
4717.00†	9.000	345.198	4702.69	188.08	187.22	-49.47	40°24'28.238"N	104°15'25.012"W	0.00	
4817.00†	9.000	345.198	4801.46	203.27	202.34	-53.47	40°24'28.387"N	104°15'25.063"W	0.00	
4917.00†	9.000	345.198	4900.23	218.47	217.46	-57.47	40°24'28.537"N	104°15'25.115"W	0.00	
5017.00†	9.000	345.198	4998.99	233.66	232.59	-61.46	40°24'28.686"N	104°15'25.167"W	0.00	
5117.00†	9.000	345.198	5097.76	248.85	247.71	-65.46	40°24'28.836"N	104°15'25.218"W	0.00	
5217.00†	9.000	345.198	5196.53	264.05	262.84	-69.46	40°24'28.985"N	104°15'25.270"W	0.00	
5317.00†	9.000	345.198	5295.30	279.24	277.96	-73.45	40°24'29.135"N	104°15'25.322"W	0.00	
5417.00†	9.000	345.198	5394.07	294.44	293.09	-77.45	40°24'29.284"N	104°15'25.373"W	0.00	
5517.00†	9.000	345.198	5492.84	309.63	308.21	-81.45	40°24'29.434"N	104°15'25.425"W	0.00	
5601.46	9.000	345.198	5576.26	322.46	320.98	-84.82	40°24'29.560"N	104°15'25.468"W	0.00	End of Tangent (XS)



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Field	WELD COUNTY	Wellbore	PRONGHORN J-7-6XRLNB PWB
Facility	SEC.18-T05N-R61W		

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MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
5617.00†	10.512	347.329	5591.57	325.03	323.54	-85.44	40°24'29.585"N	104°15'25.477"W	10.00	
5717.00†	20.391	353.469	5687.85	351.37	349.82	-89.44	40°24'29.845"N	104°15'25.528"W	10.00	
5817.00†	30.347	355.682	5778.09	394.04	392.42	-93.33	40°24'30.266"N	104°15'25.578"W	10.00	
5917.00†	40.324	356.873	5859.57	451.74	450.07	-97.01	40°24'30.835"N	104°15'25.626"W	10.00	
6017.00†	50.308	357.655	5929.80	522.72	521.00	-100.35	40°24'31.536"N	104°15'25.669"W	10.00	
6117.00†	60.297	358.238	5986.65	604.82	603.06	-103.27	40°24'32.347"N	104°15'25.707"W	10.00	
6217.00†	70.288	358.714	6028.40	695.55	693.76	-105.67	40°24'33.243"N	104°15'25.738"W	10.00	
6317.00†	80.279	359.134	6053.77	792.15	790.34	-107.47	40°24'34.198"N	104°15'25.761"W	10.00	
6414.28	90.000	359.519	6062.00†	888.96	887.14	-108.61	40°24'35.154"N	104°15'25.776"W	10.00	End of 3D Arc (XS)
6417.00†	90.000	359.519	6062.00	891.68	889.86	-108.63	40°24'35.181"N	104°15'25.776"W	0.00	
6517.00†	90.000	359.519	6062.00	991.67	989.86	-109.47	40°24'36.169"N	104°15'25.787"W	0.00	
6617.00†	90.000	359.519	6062.00	1091.67	1089.86	-110.31	40°24'37.158"N	104°15'25.798"W	0.00	
6717.00†	90.000	359.519	6062.00	1191.66	1189.85	-111.15	40°24'38.146"N	104°15'25.809"W	0.00	
6817.00†	90.000	359.519	6062.00	1291.66	1289.85	-111.99	40°24'39.134"N	104°15'25.820"W	0.00	
6917.00†	90.000	359.519	6062.00	1391.65	1389.84	-112.83	40°24'40.122"N	104°15'25.831"W	0.00	
7017.00†	90.000	359.519	6062.00	1491.65	1489.84	-113.67	40°24'41.110"N	104°15'25.841"W	0.00	
7117.00†	90.000	359.519	6062.00	1591.64	1589.84	-114.51	40°24'42.098"N	104°15'25.852"W	0.00	
7217.00†	90.000	359.519	6062.00	1691.64	1689.83	-115.35	40°24'43.086"N	104°15'25.863"W	0.00	
7317.00†	90.000	359.519	6062.00	1791.64	1789.83	-116.19	40°24'44.074"N	104°15'25.874"W	0.00	
7417.00†	90.000	359.519	6062.00	1891.63	1889.83	-117.03	40°24'45.063"N	104°15'25.885"W	0.00	
7517.00†	90.000	359.519	6062.00	1991.63	1989.82	-117.87	40°24'46.051"N	104°15'25.896"W	0.00	
7617.00†	90.000	359.519	6062.00	2091.62	2089.82	-118.71	40°24'47.039"N	104°15'25.907"W	0.00	
7717.00†	90.000	359.519	6062.00	2191.62	2189.82	-119.55	40°24'48.027"N	104°15'25.918"W	0.00	
7817.00†	90.000	359.519	6062.00	2291.61	2289.81	-120.39	40°24'49.015"N	104°15'25.928"W	0.00	
7917.00†	90.000	359.519	6062.00	2391.61	2389.81	-121.23	40°24'50.003"N	104°15'25.939"W	0.00	
8017.00†	90.000	359.519	6062.00	2491.60	2489.81	-122.07	40°24'50.991"N	104°15'25.950"W	0.00	
8117.00†	90.000	359.519	6062.00	2591.60	2589.80	-122.91	40°24'51.979"N	104°15'25.961"W	0.00	
8217.00†	90.000	359.519	6062.00	2691.59	2689.80	-123.75	40°24'52.968"N	104°15'25.972"W	0.00	
8317.00†	90.000	359.519	6062.00	2791.59	2789.80	-124.59	40°24'53.956"N	104°15'25.983"W	0.00	
8417.00†	90.000	359.519	6062.00	2891.58	2889.79	-125.43	40°24'54.944"N	104°15'25.994"W	0.00	



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8517.00†	90.000	359.519	6062.00	2991.58	2989.79	-126.27	40°24'55.932"N	104°15'26.004"W	0.00	
8617.00†	90.000	359.519	6062.00	3091.57	3089.78	-127.11	40°24'56.920"N	104°15'26.015"W	0.00	
8717.00†	90.000	359.519	6062.00	3191.57	3189.78	-127.95	40°24'57.908"N	104°15'26.026"W	0.00	
8817.00†	90.000	359.519	6062.00	3291.57	3289.78	-128.79	40°24'58.896"N	104°15'26.037"W	0.00	
8917.00†	90.000	359.519	6062.00	3391.56	3389.77	-129.63	40°24'59.884"N	104°15'26.048"W	0.00	
9017.00†	90.000	359.519	6062.00	3491.56	3489.77	-130.47	40°25'00.873"N	104°15'26.059"W	0.00	
9117.00†	90.000	359.519	6062.00	3591.55	3589.77	-131.31	40°25'01.861"N	104°15'26.070"W	0.00	
9217.00†	90.000	359.519	6062.00	3691.55	3689.76	-132.15	40°25'02.849"N	104°15'26.081"W	0.00	
9317.00†	90.000	359.519	6062.00	3791.54	3789.76	-132.99	40°25'03.837"N	104°15'26.091"W	0.00	
9417.00†	90.000	359.519	6062.00	3891.54	3889.76	-133.83	40°25'04.825"N	104°15'26.102"W	0.00	
9517.00†	90.000	359.519	6062.00	3991.53	3989.75	-134.67	40°25'05.813"N	104°15'26.113"W	0.00	
9617.00†	90.000	359.519	6062.00	4091.53	4089.75	-135.51	40°25'06.801"N	104°15'26.124"W	0.00	
9717.00†	90.000	359.519	6062.00	4191.52	4189.75	-136.35	40°25'07.789"N	104°15'26.135"W	0.00	
9817.00†	90.000	359.519	6062.00	4291.52	4289.74	-137.19	40°25'08.778"N	104°15'26.146"W	0.00	
9917.00†	90.000	359.519	6062.00	4391.51	4389.74	-138.03	40°25'09.766"N	104°15'26.157"W	0.00	
10017.00†	90.000	359.519	6062.00	4491.51	4489.74	-138.87	40°25'10.754"N	104°15'26.167"W	0.00	
10117.00†	90.000	359.519	6062.00	4591.51	4589.73	-139.71	40°25'11.742"N	104°15'26.178"W	0.00	
10217.00†	90.000	359.519	6062.00	4691.50	4689.73	-140.55	40°25'12.730"N	104°15'26.189"W	0.00	
10317.00†	90.000	359.519	6062.00	4791.50	4789.72	-141.39	40°25'13.718"N	104°15'26.200"W	0.00	
10417.00†	90.000	359.519	6062.00	4891.49	4889.72	-142.23	40°25'14.706"N	104°15'26.211"W	0.00	
10517.00†	90.000	359.519	6062.00	4991.49	4989.72	-143.07	40°25'15.694"N	104°15'26.222"W	0.00	
10617.00†	90.000	359.519	6062.00	5091.48	5089.71	-143.91	40°25'16.683"N	104°15'26.233"W	0.00	
10717.00†	90.000	359.519	6062.00	5191.48	5189.71	-144.75	40°25'17.671"N	104°15'26.244"W	0.00	
10817.00†	90.000	359.519	6062.00	5291.47	5289.71	-145.59	40°25'18.659"N	104°15'26.254"W	0.00	
10917.00†	90.000	359.519	6062.00	5391.47	5389.70	-146.43	40°25'19.647"N	104°15'26.265"W	0.00	
11017.00†	90.000	359.519	6062.00	5491.46	5489.70	-147.27	40°25'20.635"N	104°15'26.276"W	0.00	
11117.00†	90.000	359.519	6062.00	5591.46	5589.70	-148.11	40°25'21.623"N	104°15'26.287"W	0.00	
11217.00†	90.000	359.519	6062.00	5691.45	5689.69	-148.95	40°25'22.611"N	104°15'26.298"W	0.00	
11317.00†	90.000	359.519	6062.00	5791.45	5789.69	-149.79	40°25'23.599"N	104°15'26.309"W	0.00	
11417.00†	90.000	359.519	6062.00	5891.44	5889.69	-150.63	40°25'24.588"N	104°15'26.320"W	0.00	



# Planned Wellpath Report

## PRONGHORN J-7-6XRLNB PWP (REV-A.0)



REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#03 PRONGHORN J-7-6XRLNB (428'FNL & 1425'FWL, SEC.18)
Area	COLORADO	Well	PRONGHORN J-7-6XRLNB
Field	WELD COUNTY	Wellbore	PRONGHORN J-7-6XRLNB PWB
Facility	SEC.18-T05N-R61W		

WELLPATH DATA (167 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	359.519	6062.00	5991.44	5989.68	-151.47	40°25'25.576"N	104°15'26.331"W	0.00	
11617.00†	90.000	359.519	6062.00	6091.44	6089.68	-152.31	40°25'26.564"N	104°15'26.341"W	0.00	
11717.00†	90.000	359.519	6062.00	6191.43	6189.68	-153.15	40°25'27.552"N	104°15'26.352"W	0.00	
11817.00†	90.000	359.519	6062.00	6291.43	6289.67	-153.99	40°25'28.540"N	104°15'26.363"W	0.00	
11917.00†	90.000	359.519	6062.00	6391.42	6389.67	-154.83	40°25'29.528"N	104°15'26.374"W	0.00	
12017.00†	90.000	359.519	6062.00	6491.42	6489.66	-155.67	40°25'30.516"N	104°15'26.385"W	0.00	
12117.00†	90.000	359.519	6062.00	6591.41	6589.66	-156.51	40°25'31.504"N	104°15'26.396"W	0.00	
12217.00†	90.000	359.519	6062.00	6691.41	6689.66	-157.35	40°25'32.493"N	104°15'26.407"W	0.00	
12317.00†	90.000	359.519	6062.00	6791.40	6789.65	-158.19	40°25'33.481"N	104°15'26.417"W	0.00	
12417.00†	90.000	359.519	6062.00	6891.40	6889.65	-159.03	40°25'34.469"N	104°15'26.428"W	0.00	
12517.00†	90.000	359.519	6062.00	6991.39	6989.65	-159.87	40°25'35.457"N	104°15'26.439"W	0.00	
12617.00†	90.000	359.519	6062.00	7091.39	7089.64	-160.71	40°25'36.445"N	104°15'26.450"W	0.00	
12717.00†	90.000	359.519	6062.00	7191.38	7189.64	-161.55	40°25'37.433"N	104°15'26.461"W	0.00	
12817.00†	90.000	359.519	6062.00	7291.38	7289.64	-162.39	40°25'38.421"N	104°15'26.472"W	0.00	
12917.00†	90.000	359.519	6062.00	7391.38	7389.63	-163.23	40°25'39.409"N	104°15'26.483"W	0.00	
13017.00†	90.000	359.519	6062.00	7491.37	7489.63	-164.07	40°25'40.398"N	104°15'26.494"W	0.00	
13117.00†	90.000	359.519	6062.00	7591.37	7589.63	-164.91	40°25'41.386"N	104°15'26.504"W	0.00	
13217.00†	90.000	359.519	6062.00	7691.36	7689.62	-165.75	40°25'42.374"N	104°15'26.515"W	0.00	
13317.00†	90.000	359.519	6062.00	7791.36	7789.62	-166.59	40°25'43.362"N	104°15'26.526"W	0.00	
13417.00†	90.000	359.519	6062.00	7891.35	7889.62	-167.43	40°25'44.350"N	104°15'26.537"W	0.00	
13517.00†	90.000	359.519	6062.00	7991.35	7989.61	-168.27	40°25'45.338"N	104°15'26.548"W	0.00	
13617.00†	90.000	359.519	6062.00	8091.34	8089.61	-169.11	40°25'46.326"N	104°15'26.559"W	0.00	
13717.00†	90.000	359.519	6062.00	8191.34	8189.60	-169.95	40°25'47.314"N	104°15'26.570"W	0.00	
13817.00†	90.000	359.519	6062.00	8291.33	8289.60	-170.79	40°25'48.303"N	104°15'26.581"W	0.00	
13917.00†	90.000	359.519	6062.00	8391.33	8389.60	-171.63	40°25'49.291"N	104°15'26.591"W	0.00	
14017.00†	90.000	359.519	6062.00	8491.32	8489.59	-172.47	40°25'50.279"N	104°15'26.602"W	0.00	
14117.00†	90.000	359.519	6062.00	8591.32	8589.59	-173.31	40°25'51.267"N	104°15'26.613"W	0.00	
14217.00†	90.000	359.519	6062.00	8691.31	8689.59	-174.15	40°25'52.255"N	104°15'26.624"W	0.00	
14317.00†	90.000	359.519	6062.00	8791.31	8789.58	-174.99	40°25'53.243"N	104°15'26.635"W	0.00	
14417.00†	90.000	359.519	6062.00	8891.31	8889.58	-175.83	40°25'54.231"N	104°15'26.646"W	0.00	



# Planned Wellpath Report

## PRONGHORN J-7-6XRLNB PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#03 PRONGHORN J-7-6XRLNB (428'FNL & 1425'FWL, SEC.18)
Area	COLORADO	Well	PRONGHORN J-7-6XRLNB
Field	WELD COUNTY	Wellbore	PRONGHORN J-7-6XRLNB PWB
Facility	SEC.18-T05N-R61W		

WELLPATH DATA (167 stations) † = interpolated/extrapolated station										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS ["/100ft]	Comments
14517.00†	90.000	359.519	6062.00	8991.30	8989.58	-176.67	40°25'55.219"N	104°15'26.657"W	0.00	
14617.00†	90.000	359.519	6062.00	9091.30	9089.57	-177.51	40°25'56.207"N	104°15'26.667"W	0.00	
14717.00†	90.000	359.519	6062.00	9191.29	9189.57	-178.35	40°25'57.196"N	104°15'26.678"W	0.00	
14817.00†	90.000	359.519	6062.00	9291.29	9289.57	-179.19	40°25'58.184"N	104°15'26.689"W	0.00	
14917.00†	90.000	359.519	6062.00	9391.28	9389.56	-180.03	40°25'59.172"N	104°15'26.700"W	0.00	
15017.00†	90.000	359.519	6062.00	9491.28	9489.56	-180.87	40°26'00.160"N	104°15'26.711"W	0.00	
15117.00†	90.000	359.519	6062.00	9591.27	9589.56	-181.71	40°26'01.148"N	104°15'26.722"W	0.00	
15217.00†	90.000	359.519	6062.00	9691.27	9689.55	-182.55	40°26'02.136"N	104°15'26.733"W	0.00	
15317.00†	90.000	359.519	6062.00	9791.26	9789.55	-183.39	40°26'03.124"N	104°15'26.744"W	0.00	
15417.00†	90.000	359.519	6062.00	9891.26	9889.54	-184.23	40°26'04.112"N	104°15'26.754"W	0.00	
15517.00†	90.000	359.519	6062.00	9991.25	9989.54	-185.07	40°26'05.101"N	104°15'26.765"W	0.00	
15617.00†	90.000	359.519	6062.00	10091.25	10089.54	-185.91	40°26'06.089"N	104°15'26.776"W	0.00	
15717.00†	90.000	359.519	6062.00	10191.25	10189.53	-186.75	40°26'07.077"N	104°15'26.787"W	0.00	
15817.00†	90.000	359.519	6062.00	10291.24	10289.53	-187.59	40°26'08.065"N	104°15'26.798"W	0.00	
15917.00†	90.000	359.519	6062.00	10391.24	10389.53	-188.43	40°26'09.053"N	104°15'26.809"W	0.00	
16017.00†	90.000	359.519	6062.00	10491.23	10489.52	-189.27	40°26'10.041"N	104°15'26.820"W	0.00	
16019.71	90.000	359.519	6062.00 <sup>2</sup>	10493.94	10492.24	-189.29	40°26'10.068"N	104°15'26.820"W	0.00	End of Tangent (XS)

HOLE & CASING SECTIONS - Ref Wellbore: PRONGHORN J-7-6XRLNB PWB Ref Wellpath: PRONGHORN J-7-6XRLNB PWP (REV-A.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	16019.71	14469.71	1550.00	6062.00	0.00	0.00	10492.23	-189.29



# Planned Wellpath Report

## PRONGHORN J-7-6XRLNB PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#03 PRONGHORN J-7-6XRLNB (428'FNL & 1425'FWL, SEC.18)
Area	COLORADO	Well	PRONGHORN J-7-6XRLNB
Field	WELD COUNTY	Wellbore	PRONGHORN J-7-6XRLNB PWB
Facility	SEC.18-T05N-R61W		

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
SEC.06-T05N-R61W		0.00	0.00	-41.77	3346161.88	1393657.05	40°24'26.388"N	104°15'24.912"W	polygon
SEC.07-T05N-R61W		0.00	0.00	-41.77	3346161.88	1393657.05	40°24'26.388"N	104°15'24.912"W	polygon
SEC.18-T05N-R61W		0.00	0.00	-41.77	3346161.88	1393657.05	40°24'26.388"N	104°15'24.912"W	polygon
2) PRONGHORN J-7-6XRLNB BHL (470'FNL & 1320'FWL, SEC.06)	16019.71	6062.00	10492.24	-189.29	3345867.29	1404145.75	40°26'10.068"N	104°15'26.820"W	point
PRONGHORN J-7-6XRLNB LP (531'FSL & 1320'FWL, SEC.07)		6062.00	958.14	-108.61	3346081.63	1394614.12	40°24'35.856"N	104°15'25.776"W	point
1) PRONGHORN J-7-6XRLNB LP REV-1 (460'FSL & 1320'FWL, SEC.07)	6414.28	6062.00	887.14	-108.61	3346082.62	1394543.13	40°24'35.154"N	104°15'25.776"W	point
SEC.06/07-T05N-R61W (460'FNL/FSL SETBACK)		6200.00	0.00	-41.77	3346161.88	1393657.05	40°24'26.388"N	104°15'24.912"W	polygon
SEC.18-T05N-R61W (460'FNL/FSL SETBACK)		6200.00	0.00	-41.77	3346161.88	1393657.05	40°24'26.388"N	104°15'24.912"W	polygon

SURVEY PROGRAM - Ref Wellbore: PRONGHORN J-7-6XRLNB PWB Ref Wellpath: PRONGHORN J-7-6XRLNB PWP (REV-A.0)				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	1550.00	BHI NaviTrak (Standard)		PRONGHORN J-7-6XRLNB PWB
1550.00	16019.71	BHI AutoTrak Curve (Standard)		PRONGHORN J-7-6XRLNB PWB



# Planned Wellpath Report

PRONGHORN J-7-6XRLNB PWP (REV-A.0)  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BONANZA CREEK OIL COMPANY	Slot	SLOT#03 PRONGHORN J-7-6XRLNB (428'FNL & 1425'FWL, SEC.18)
Area	COLORADO	Well	PRONGHORN J-7-6XRLNB
Field	WELD COUNTY	Wellbore	PRONGHORN J-7-6XRLNB PWB
Facility	SEC.18-T05N-R61W		

DESIGN COMMENTS				
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
17.00	0.000	345.198	17.00	Tie On
3254.61	0.000	345.198	3254.61	End of Tangent
3704.61	9.000	345.198	3702.76	End of Build (XS)
5601.46	9.000	345.198	5576.26	End of Tangent (XS)
6414.28	90.000	359.519	6062.00	End of 3D Arc (XS)
16019.71	90.000	359.519	6062.00	End of Tangent (XS)