

MARATHON OIL COMPANY

Location: COLORADO Slot: SLOT#01 CROW VALLEY 7-62-27-2H (468FNL & 1836FWL, SEC.34)
Field: WELD COUNTY (NAD 83, GRID NORTH) Well: CROW VALLEY 7-62-27-2H
Facility: SEC.34 17N-R62W Wellbore: CROW VALLEY 7-62-27-2H pwb

Well Profile Data

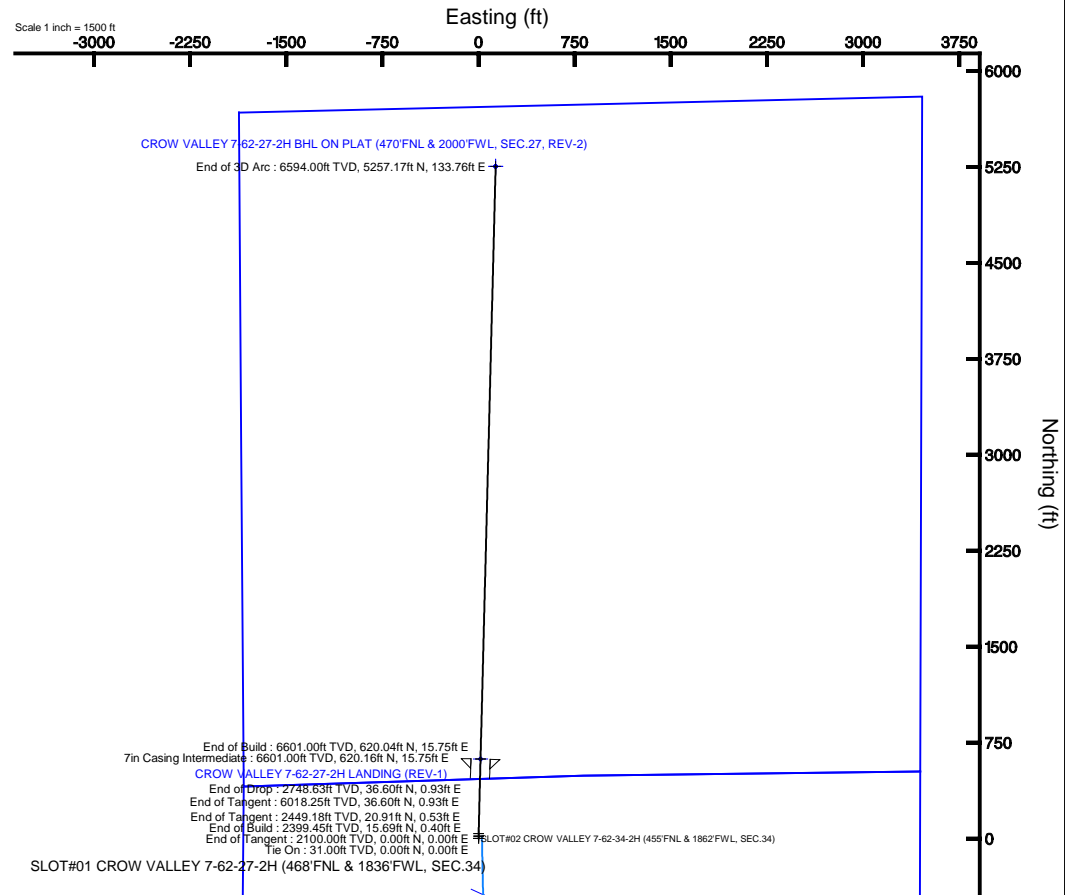
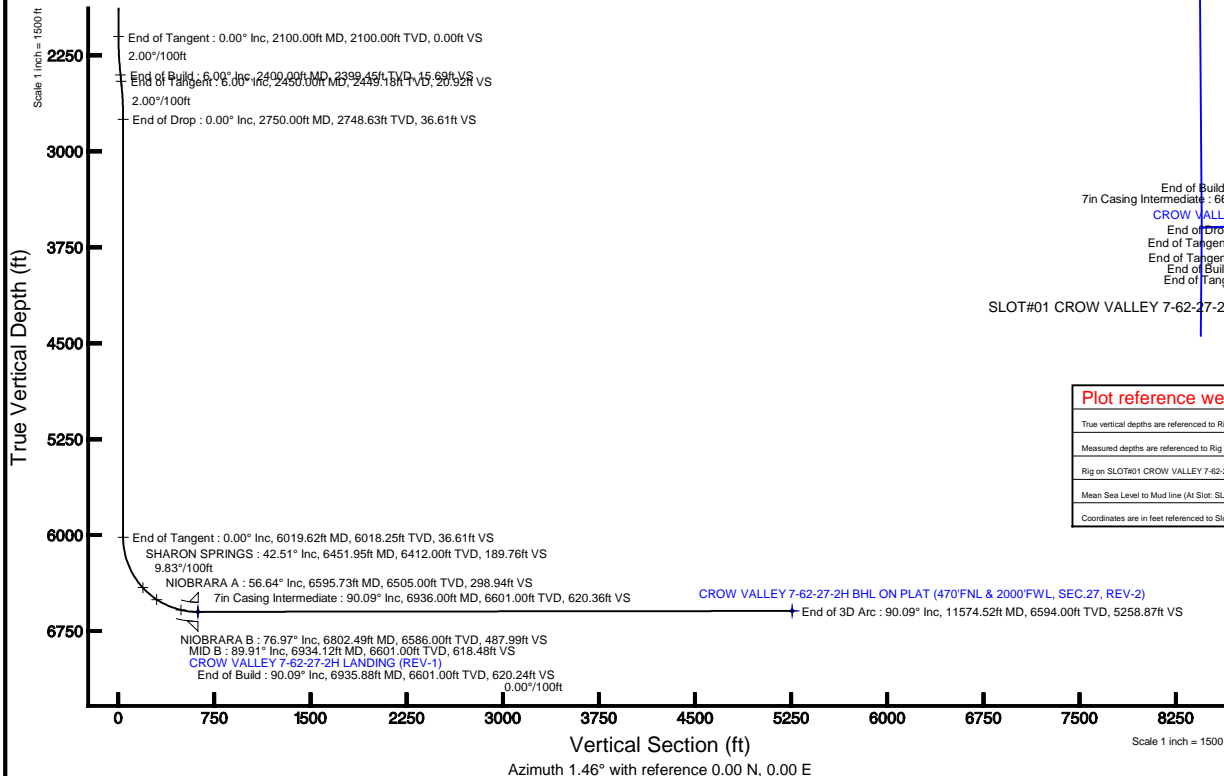
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	31.00	0.000	1.458	31.00	0.00	0.00	0.00	0.00
End of Tangent	2100.00	0.000	1.458	2100.00	0.00	0.00	0.00	0.00
End of Build	2400.00	6.000	1.458	2399.45	15.69	0.40	2.00	15.69
End of Tangent	2450.00	6.000	1.458	2449.18	20.91	0.53	0.00	20.92
End of Drop	2750.00	0.000	1.455	2748.63	36.60	0.93	2.00	36.61
End of Tangent	6019.62	0.000	1.455	6018.25	36.60	0.93	0.00	36.61
End of Build	6935.88	90.086	1.455	6601.00	620.04	15.75	9.83	620.24
End of 3D Arc	11574.52	90.087	1.461	6594.00	5257.17	133.76	0.00	5258.87

Location Information

Facility Name			Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
SEC.34-77N-R62W			333040.800	144000.530	40°32'12.058"N	104°18'36.802"W
Site	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
SLOT#01 CROW VALLEY 7-62-27-2H (468FNL & 1836FWL, SEC.34)	0.00	0.00	333040.800	144000.530	40°32'12.058"N	104°18'36.802"W
Rig on (SLOT#01 CROW VALLEY 7-62-27-2H (468FNL & 1836FWL, SEC.34) (RKB) to Mud line (A Slot: SLOT#01 CROW VALLEY 7-62-27-2H (468FNL & 1836FWL, SEC.34))						4940
Mean Sea Level to Mud line (A Slot: SLOT#01 CROW VALLEY 7-62-27-2H (468FNL & 1836FWL, SEC.34))						0
Rig on (SLOT#01 CROW VALLEY 7-62-27-2H (468FNL & 1836FWL, SEC.34) (RKB) to Mean Sea Level)						4940

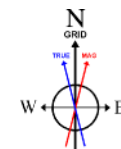
Targets

Name	MD (ft)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
CROW VALLEY SECTION 27		109.00	201.49	5283.58	3335727.27	1440771.01	40°32'13.343"N	104°17'31.495"W
CROW VALLEY SECTION 34		109.00	201.49	5283.58	3335727.27	1440771.01	40°32'13.343"N	104°17'31.495"W
CROW VALLEY 7-62-27-2H BHL ON PLAT (470FNL & 2000FWL, SEC.27, REV-2)	11674.52	6594.00	5257.17	133.76	3330577.62	1445826.53	40°32'03.894"N	104°18'37.309"W
CROW VALLEY 7-62-27-2H LANDING (REV-1)	6935.88	6601.00	620.04	15.75	3330493.61	1441189.55	40°32'18.182"N	104°18'36.643"W
CROW VALLEY 7-62-27-2H BHL ON PLAT (470FNL & 2000FWL, SEC.27, REV-1)		6647.00	5257.17	133.76	3330577.62	1445826.53	40°32'03.894"N	104°18'37.309"W
SLOT#01 EXISTING BOKFORD #1 (1984FNL & 1346FWL, SEC.34) 500' RADIUS	7271.00	-1509.22	1507.67		3331951.48	1430060.36	40°31'56.948"N	104°18'20.693"W



Plot reference wellpath is CROW VALLEY 7-62-27-2H (REV-D.0) PWP

True vertical depths are referenced to Rig on SLOT#01 CROW VALLEY 7-62-27-2H (468FNL & 1836FWL, SEC.34) (RKB)	Grid System: NAD83 / Lambert Colorado SP, Northern Zone (501), US feet
Measured depths are referenced to Rig on SLOT#01 CROW VALLEY 7-62-27-2H (468FNL & 1836FWL, SEC.34) (RKB)	North Reference: Grid north
Rig on SLOT#01 CROW VALLEY 7-62-27-2H (468FNL & 1836FWL, SEC.34) (RKB) to Mean Sea Level: 4940 feet	Scale: True distance
Mean Sea Level to Mud line (A Slot: SLOT#01 CROW VALLEY 7-62-27-2H (468FNL & 1836FWL, SEC.34)): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: cookdanni on 1/31/2012



BGGM (1945.0 to 2012.0) Dip: 67.23° Field: 53201.5 nT
Magnetic North is 8.51 degrees East of True North (at 12/27/2011)
Grid North is 0.77 degrees East of True North
To correct azimuth from True to Grid subtract 0.77 degrees
To correct azimuth from Magnetic to Grid add 7.74 degrees
For example: if the Magnetic North Azimuth = 90 degrees, then the Grid North Azimuth = 90 + 7.74 = 97.74



Planned Wellpath Report

CROW VALLEY 7-62-27-2H (REV-D.0) PWP
Page 1 of 6



REFERENCE WELLPATH IDENTIFICATION

Operator	MARATHON OIL COMPANY	Slot	SLOT#01 CROW VALLEY 7-62-27-2H (468'FNL & 1836'FWL, SEC.34)
Area	COLORADO	Well	CROW VALLEY 7-62-27-2H
Field	WELD COUNTY (NAD 83, GRID NORTH)	Wellbore	CROW VALLEY 7-62-27-2H pwb
Facility	SEC.34-T7N-R62W		

REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Colorado SP, Northern Zone (501), US feet	Software System	WellArchitect® 3.0.2
North Reference	Grid	User	Cookdanm
Scale	0.999969	Report Generated	1/31/2012 at 9:40:21 AM
Convergence at slot	0.77° East	Database/Source file	WA_Denver/CROW_VALLEY_7-62-27-2H_pwb.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	3330443.86	1440569.53	40°32'12.058"N	104°18'39.955"W
Facility Reference Pt			3330443.86	1440569.53	40°32'12.058"N	104°18'39.955"W
Field Reference Pt			3476081.76	1512960.14	40°43'43.704"N	103°46'55.829"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on SLOT#01 CROW VALLEY 7-62-27-2H (468'FNL & 1836'FWL, SEC.34) (RKB) to Facility Vertical Datum
Horizontal Reference Pt	Slot	Rig on SLOT#01 CROW VALLEY 7-62-27-2H (468'FNL & 1836'FWL, SEC.34) (RKB) to Mean Sea Level
Vertical Reference Pt	Rig on SLOT#01 CROW VALLEY 7-62-27-2H (468'FNL & 1836'FWL, SEC.34) (RKB)	Rig on SLOT#01 CROW VALLEY 7-62-27-2H (468'FNL & 1836'FWL, SEC.34) (RKB) to Mud Line at Slot (SLOT#
MD Reference Pt	Rig on SLOT#01 CROW VALLEY 7-62-27-2H (468'FNL & 1836'FWL, SEC.34) (RKB)	Section Origin
Field Vertical Reference	Mean Sea Level	Section Azimuth



Planned Wellpath Report

CROW VALLEY 7-62-27-2H (REV-D.0) PWP

Page 2 of 6



REFERENCE WELLPATH IDENTIFICATION			
Operator	MARATHON OIL COMPANY	Slot	SLOT#01 CROW VALLEY 7-62-27-2H (468'FNL & 1836'FWL, SEC.34)
Area	COLORADO	Well	CROW VALLEY 7-62-27-2H
Field	WELD COUNTY (NAD 83, GRID NORTH)	Wellbore	CROW VALLEY 7-62-27-2H pwb
Facility	SEC.34-T7N-R62W		

WELLPATH DATA (128 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	1.458	0.00	0.00	0.00	0.00	0.00	
31.00	0.000	1.458	31.00	0.00	0.00	0.00	0.00	Tie On
131.00†	0.000	1.458	131.00	0.00	0.00	0.00	0.00	
231.00†	0.000	1.458	231.00	0.00	0.00	0.00	0.00	
331.00†	0.000	1.458	331.00	0.00	0.00	0.00	0.00	
431.00†	0.000	1.458	431.00	0.00	0.00	0.00	0.00	
531.00†	0.000	1.458	531.00	0.00	0.00	0.00	0.00	
631.00†	0.000	1.458	631.00	0.00	0.00	0.00	0.00	
731.00†	0.000	1.458	731.00	0.00	0.00	0.00	0.00	
831.00†	0.000	1.458	831.00	0.00	0.00	0.00	0.00	
931.00†	0.000	1.458	931.00	0.00	0.00	0.00	0.00	
1031.00†	0.000	1.458	1031.00	0.00	0.00	0.00	0.00	
1131.00†	0.000	1.458	1131.00	0.00	0.00	0.00	0.00	
1231.00†	0.000	1.458	1231.00	0.00	0.00	0.00	0.00	
1331.00†	0.000	1.458	1331.00	0.00	0.00	0.00	0.00	
1431.00†	0.000	1.458	1431.00	0.00	0.00	0.00	0.00	
1531.00†	0.000	1.458	1531.00	0.00	0.00	0.00	0.00	
1631.00†	0.000	1.458	1631.00	0.00	0.00	0.00	0.00	
1731.00†	0.000	1.458	1731.00	0.00	0.00	0.00	0.00	
1831.00†	0.000	1.458	1831.00	0.00	0.00	0.00	0.00	
1931.00†	0.000	1.458	1931.00	0.00	0.00	0.00	0.00	
2031.00†	0.000	1.458	2031.00	0.00	0.00	0.00	0.00	
2100.00	0.000	1.458	2100.00	0.00	0.00	0.00	0.00	End of Tangent
2131.00†	0.620	1.458	2131.00	0.17	0.17	0.00	2.00	
2231.00†	2.620	1.458	2230.95	2.99	2.99	0.08	2.00	
2331.00†	4.620	1.458	2330.75	9.31	9.31	0.24	2.00	
2400.00	6.000	1.458	2399.45	15.69	15.69	0.40	2.00	End of Build
2431.00†	6.000	1.458	2430.28	18.93	18.93	0.48	0.00	
2450.00	6.000	1.458	2449.18	20.92	20.91	0.53	0.00	End of Tangent
2531.00†	4.380	1.458	2529.84	28.25	28.24	0.72	2.00	
2631.00†	2.380	1.458	2629.66	34.14	34.13	0.87	2.00	
2731.00†	0.380	1.458	2729.63	36.55	36.54	0.93	2.00	
2750.00	0.000	1.455	2748.63	36.61	36.60	0.93	2.00	End of Drop
2831.00†	0.000	1.455	2829.63	36.61	36.60	0.93	0.00	
2931.00†	0.000	1.455	2929.63	36.61	36.60	0.93	0.00	
3031.00†	0.000	1.455	3029.63	36.61	36.60	0.93	0.00	
3131.00†	0.000	1.455	3129.63	36.61	36.60	0.93	0.00	
3231.00†	0.000	1.455	3229.63	36.61	36.60	0.93	0.00	
3331.00†	0.000	1.455	3329.63	36.61	36.60	0.93	0.00	
3431.00†	0.000	1.455	3429.63	36.61	36.60	0.93	0.00	
3531.00†	0.000	1.455	3529.63	36.61	36.60	0.93	0.00	
3631.00†	0.000	1.455	3629.63	36.61	36.60	0.93	0.00	
3731.00†	0.000	1.455	3729.63	36.61	36.60	0.93	0.00	
3831.00†	0.000	1.455	3829.63	36.61	36.60	0.93	0.00	
3931.00†	0.000	1.455	3929.63	36.61	36.60	0.93	0.00	



Planned Wellpath Report

CROW VALLEY 7-62-27-2H (REV-D.0) PWP
Page 3 of 6



REFERENCE WELLPATH IDENTIFICATION			
Operator	MARATHON OIL COMPANY	Slot	SLOT#01 CROW VALLEY 7-62-27-2H (468'FNL & 1836'FWL, SEC.34)
Area	COLORADO	Well	CROW VALLEY 7-62-27-2H
Field	WELD COUNTY (NAD 83, GRID NORTH)	Wellbore	CROW VALLEY 7-62-27-2H pwb
Facility	SEC.34-T7N-R62W		

WELLPATH DATA (128 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
4031.00†	0.000	1.455	4029.63	36.61	36.60	0.93	0.00	
4131.00†	0.000	1.455	4129.63	36.61	36.60	0.93	0.00	
4231.00†	0.000	1.455	4229.63	36.61	36.60	0.93	0.00	
4331.00†	0.000	1.455	4329.63	36.61	36.60	0.93	0.00	
4431.00†	0.000	1.455	4429.63	36.61	36.60	0.93	0.00	
4531.00†	0.000	1.455	4529.63	36.61	36.60	0.93	0.00	
4631.00†	0.000	1.455	4629.63	36.61	36.60	0.93	0.00	
4731.00†	0.000	1.455	4729.63	36.61	36.60	0.93	0.00	
4831.00†	0.000	1.455	4829.63	36.61	36.60	0.93	0.00	
4931.00†	0.000	1.455	4929.63	36.61	36.60	0.93	0.00	
5031.00†	0.000	1.455	5029.63	36.61	36.60	0.93	0.00	
5131.00†	0.000	1.455	5129.63	36.61	36.60	0.93	0.00	
5231.00†	0.000	1.455	5229.63	36.61	36.60	0.93	0.00	
5331.00†	0.000	1.455	5329.63	36.61	36.60	0.93	0.00	
5431.00†	0.000	1.455	5429.63	36.61	36.60	0.93	0.00	
5531.00†	0.000	1.455	5529.63	36.61	36.60	0.93	0.00	
5631.00†	0.000	1.455	5629.63	36.61	36.60	0.93	0.00	
5731.00†	0.000	1.455	5729.63	36.61	36.60	0.93	0.00	
5831.00†	0.000	1.455	5829.63	36.61	36.60	0.93	0.00	
5931.00†	0.000	1.455	5929.63	36.61	36.60	0.93	0.00	
6019.62	0.000	1.455	6018.25	36.61	36.60	0.93	0.00	End of Tangent
6031.00†	1.119	1.455	6029.63	36.72	36.71	0.93	9.83	
6131.00†	10.951	1.455	6128.95	47.22	47.21	1.20	9.83	
6231.00†	20.783	1.455	6225.03	74.53	74.51	1.89	9.83	
6331.00†	30.615	1.455	6315.02	117.84	117.80	2.99	9.83	
6431.00†	40.447	1.455	6396.30	175.88	175.83	4.47	9.83	
6451.95†	42.506	1.455	6412.00	189.76	189.70	4.82	9.83	SHARON SPRINGS
6531.00†	50.279	1.455	6466.48	246.95	246.87	6.27	9.83	
6595.73†	56.643	1.455	6505.00	298.94	298.84	7.59	9.83	NIOBRARA A
6631.00†	60.111	1.455	6523.49	328.96	328.86	8.35	9.83	
6731.00†	69.943	1.455	6565.66	419.50	419.37	10.65	9.83	
6802.49†	76.972	1.455	6586.00	487.99	487.83	12.39	9.83	NIOBRARA B
6831.00†	79.775	1.455	6591.74	515.91	515.75	13.10	9.83	
6931.00†	89.607	1.455	6600.99	615.36	615.16	15.63	9.83	
6934.12†	89.913	1.455	6601.00	618.48	618.28	15.71	9.83	MID B
6935.88	90.086	1.455	6601.00†	620.24	620.04	15.75	9.83	End of Build
7031.00†	90.086	1.455	6600.86	715.36	715.13	18.17	0.00	
7131.00†	90.086	1.455	6600.71	815.36	815.10	20.71	0.00	
7231.00†	90.086	1.455	6600.55	915.36	915.07	23.24	0.00	
7331.00†	90.086	1.455	6600.40	1015.36	1015.03	25.78	0.00	
7431.00†	90.086	1.456	6600.25	1115.36	1115.00	28.32	0.00	
7531.00†	90.086	1.456	6600.10	1215.36	1214.97	30.87	0.00	
7631.00†	90.086	1.456	6599.95	1315.36	1314.94	33.41	0.00	
7731.00†	90.086	1.456	6599.80	1415.36	1414.90	35.95	0.00	
7831.00†	90.086	1.456	6599.65	1515.36	1514.87	38.49	0.00	



Planned Wellpath Report

CROW VALLEY 7-62-27-2H (REV-D.0) PWP
Page 4 of 6



REFERENCE WELLPATH IDENTIFICATION			
Operator	MARATHON OIL COMPANY	Slot	SLOT#01 CROW VALLEY 7-62-27-2H (468'FNL & 1836'FWL, SEC.34)
Area	COLORADO	Well	CROW VALLEY 7-62-27-2H
Field	WELD COUNTY (NAD 83, GRID NORTH)	Wellbore	CROW VALLEY 7-62-27-2H pwb
Facility	SEC.34-T7N-R62W		

WELLPATH DATA (128 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
7931.00†	90.086	1.456	6599.50	1615.36	1614.84	41.03	0.00	
8031.00†	90.086	1.456	6599.35	1715.36	1714.81	43.57	0.00	
8131.00†	90.086	1.456	6599.20	1815.36	1814.77	46.11	0.00	
8231.00†	90.086	1.457	6599.05	1915.36	1914.74	48.65	0.00	
8331.00†	90.086	1.457	6598.90	2015.36	2014.71	51.20	0.00	
8431.00†	90.086	1.457	6598.74	2115.36	2114.68	53.74	0.00	
8531.00†	90.086	1.457	6598.59	2215.36	2214.64	56.28	0.00	
8631.00†	90.086	1.457	6598.44	2315.36	2314.61	58.82	0.00	
8731.00†	90.086	1.457	6598.29	2415.36	2414.58	61.37	0.00	
8831.00†	90.086	1.457	6598.14	2515.36	2514.55	63.91	0.00	
8931.00†	90.086	1.457	6597.99	2615.36	2614.51	66.45	0.00	
9031.00†	90.086	1.458	6597.84	2715.36	2714.48	69.00	0.00	
9131.00†	90.086	1.458	6597.69	2815.36	2814.45	71.54	0.00	
9231.00†	90.086	1.458	6597.54	2915.36	2914.42	74.08	0.00	
9331.00†	90.086	1.458	6597.39	3015.36	3014.38	76.63	0.00	
9431.00†	90.086	1.458	6597.24	3115.36	3114.35	79.17	0.00	
9531.00†	90.086	1.458	6597.09	3215.36	3214.32	81.72	0.00	
9631.00†	90.086	1.458	6596.93	3315.36	3314.29	84.26	0.00	
9731.00†	90.086	1.458	6596.78	3415.36	3414.25	86.81	0.00	
9831.00†	90.086	1.459	6596.63	3515.36	3514.22	89.35	0.00	
9931.00†	90.086	1.459	6596.48	3615.36	3614.19	91.90	0.00	
10031.00†	90.086	1.459	6596.33	3715.36	3714.16	94.44	0.00	
10131.00†	90.086	1.459	6596.18	3815.36	3814.12	96.99	0.00	
10231.00†	90.086	1.459	6596.03	3915.36	3914.09	99.54	0.00	
10331.00†	90.086	1.459	6595.88	4015.36	4014.06	102.08	0.00	
10431.00†	90.086	1.459	6595.73	4115.36	4114.03	104.63	0.00	
10531.00†	90.087	1.459	6595.58	4215.36	4213.99	107.17	0.00	
10631.00†	90.087	1.460	6595.42	4315.36	4313.96	109.72	0.00	
10731.00†	90.087	1.460	6595.27	4415.36	4413.93	112.27	0.00	
10831.00†	90.087	1.460	6595.12	4515.36	4513.90	114.82	0.00	
10931.00†	90.087	1.460	6594.97	4615.36	4613.86	117.36	0.00	
11031.00†	90.087	1.460	6594.82	4715.36	4713.83	119.91	0.00	
11131.00†	90.087	1.460	6594.67	4815.36	4813.80	122.46	0.00	
11231.00†	90.087	1.460	6594.52	4915.36	4913.77	125.01	0.00	
11331.00†	90.087	1.460	6594.37	5015.36	5013.73	127.56	0.00	
11431.00†	90.087	1.461	6594.22	5115.36	5113.70	130.11	0.00	
11531.00†	90.087	1.461	6594.07	5215.36	5213.67	132.66	0.00	
11574.52	90.087	1.461	6594.00 ²	5258.87	5257.17	133.76	0.00	End of 3D Arc



Planned Wellpath Report

CROW VALLEY 7-62-27-2H (REV-D.0) PWP
Page 5 of 6



REFERENCE WELLPATH IDENTIFICATION			
Operator	MARATHON OIL COMPANY	Slot	SLOT#01 CROW VALLEY 7-62-27-2H (468'FNL & 1836'FWL, SEC.34)
Area	COLORADO	Well	CROW VALLEY 7-62-27-2H
Field	WELD COUNTY (NAD 83, GRID NORTH)	Wellbore	CROW VALLEY 7-62-27-2H pwb
Facility	SEC.34-T7N-R62W		

HOLE & CASING SECTIONS - Ref Wellbore: CROW VALLEY 7-62-27-2H pwb Ref Wellpath: CROW VALLEY 7-62-27-2H (REV-D.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]
7in Casing Intermediate	31.00	6936.00	6905.00	31.00	6601.00	0.00	0.00	620.16	15.75

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
CROW VALLEY SECTION 27		109.00	201.49	5283.58	3335727.27	1440771.01	40°32'13.343"N	104°17'31.495"W	polygon
CROW VALLEY SECTION 34		109.00	201.49	5283.58	3335727.27	1440771.01	40°32'13.343"N	104°17'31.495"W	polygon
2) CROW VALLEY 7-62-27-2H BHL ON PLAT (470'FNL & 2000'FWL, SEC.27, REV-2)	11574.52	6594.00	5257.17	133.76	3330577.62	1445826.53	40°33'03.984"N	104°18'37.309"W	point
1) CROW VALLEY 7-62-27-2H LANDING (REV-1)	6935.88	6601.00	620.04	15.75	3330459.61	1441189.55	40°32'18.182"N	104°18'39.643"W	point
CROW VALLEY 7-62-27-2H BHL ON PLAT (470'FNL & 2000'FWL, SEC.27, REV-1)		6647.00	5257.17	133.76	3330577.62	1445826.53	40°33'03.984"N	104°18'37.309"W	point
SLOT#03 EXISTING BICKFORD #1 (1984'FNL & 1946'FEL, SEC.34) 500' RADIUS		7271.00	-1509.22	1507.67	3331951.48	1439060.36	40°31'56.946"N	104°18'20.693"W	circle

SURVEY PROGRAM - Ref Wellbore: CROW VALLEY 7-62-27-2H pwb Ref Wellpath: CROW VALLEY 7-62-27-2H (REV-D.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
31.00	11574.52	NaviTrak (Standard)		CROW VALLEY 7-62-27-2H pwb



Planned Wellpath Report
CROW VALLEY 7-62-27-2H (REV-D.0) PWP
Page 6 of 6

**REFERENCE WELLPATH IDENTIFICATION**

Operator	MARATHON OIL COMPANY	Slot	SLOT#01 CROW VALLEY 7-62-27-2H (468'FNL & 1836'FWL, SEC.34)
Area	COLORADO	Well	CROW VALLEY 7-62-27-2H
Field	WELD COUNTY (NAD 83, GRID NORTH)	Wellbore	CROW VALLEY 7-62-27-2H pwb
Facility	SEC.34-T7N-R62W		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
6451.95	42.506	1.455	6412.00	SHARON SPRINGS
6595.73	56.643	1.455	6505.00	NIOBRARA A
6802.49	76.972	1.455	6586.00	NIOBRARA B
6934.12	89.913	1.455	6601.00	MID B