

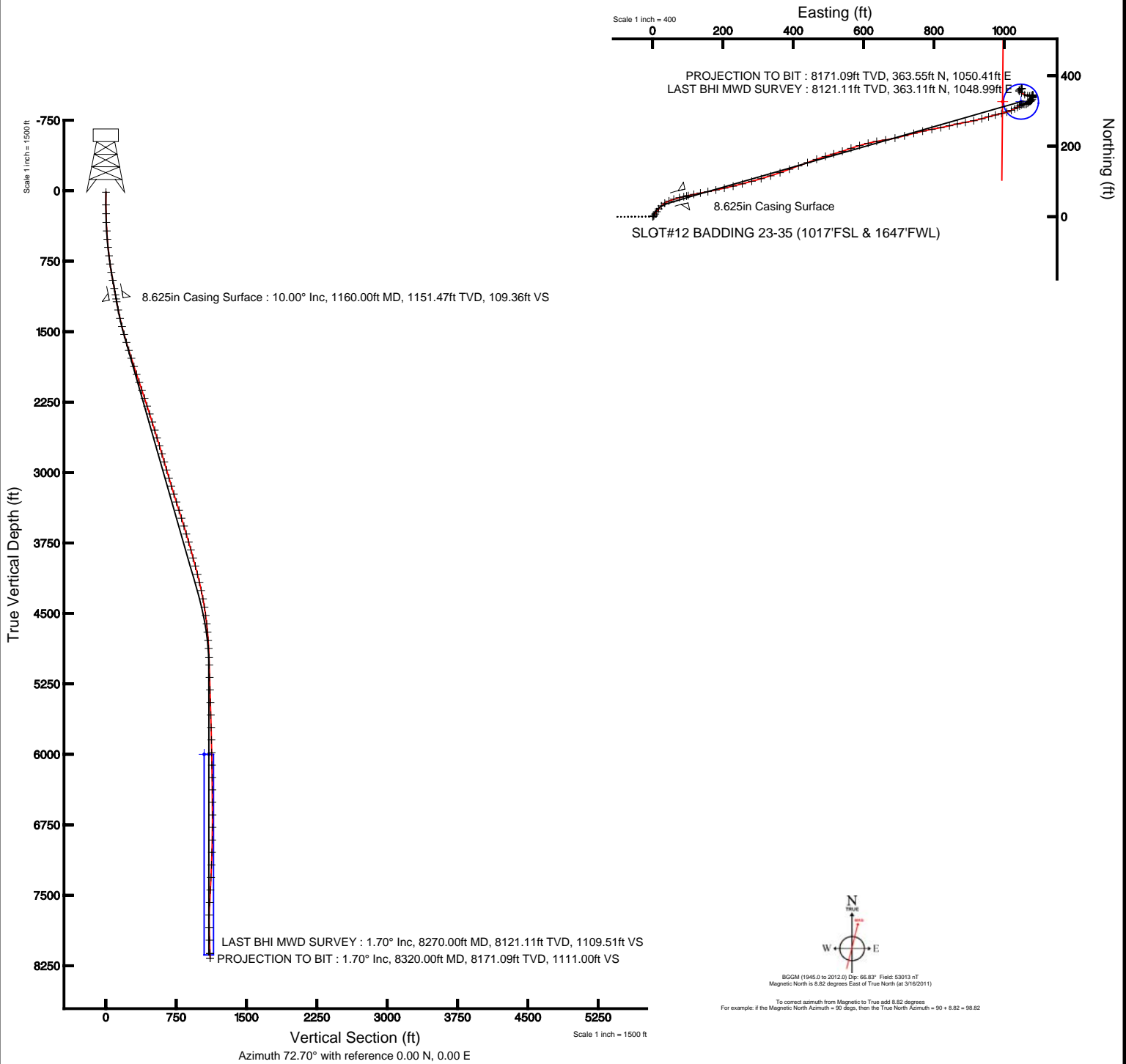


# KERR MCGEE OIL & GAS ONSHORE LP

Location: COLORADO Slot: SLOT#12 BADDING 23-35 (1017'FSL & 1647'FWL)  
Field: WELD COUNTY (KERR MCGEE) Well: BADDING 23-35  
Facility: SEC.35-T2N-R66W Wellbore: BADDING 23-35 PWB



Plot reference wellpath is: BADDING 23-35 (REV.8.0) PWP	
True vertical depths are referenced to XTREME 15 (RKB)	Grid System: NAD83 / Lambert Colorado SP, Northern Zone (501), US feet
Measured depths are referenced to XTREME 15 (RKB)	North Reference: True north
XTREME 15 (RKB) to Mean Sea Level: 5122 feet	Scale: True distance
Mean Sea Level to Mud line (At Slot: SLOT#12 BADDING 23-35 (1017'FSL & 1647'FWL)): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: cackdam on 6/22/2011





# Actual Wellpath Report

BADDING 23-35 AWP

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## REFERENCE WELLPATH IDENTIFICATION

Operator	<b>KERR MCGEE OIL &amp; GAS ONSHORE LP</b>	Slot	<b>SLOT#12 BADDING 23-35 (1017'FSL &amp; 1647'FWL)</b>
Area	<b>COLORADO</b>	Well	<b>BADDING 23-35</b>
Field	<b>WELD COUNTY (KERR MCGEE)</b>	Wellbore	<b>BADDING 23-35 AWB</b>
Facility	<b>SEC.35-T2N-R66W</b>		

## REPORT SETUP INFORMATION

Projection System	<b>NAD83 / Lambert Colorado SP, Northern Zone (501), US feet</b>	Software System	<b>WellArchitect® 3.0.0</b>
North Reference	<b>True</b>	User	<b>Cookdanm</b>
Scale	<b>0.999961</b>	Report Generated	<b>6/22/2011 at 10:19:23 PM</b>
Convergence at slot	<b>0.49° East</b>	Database/Source file	<b>WA_DENVER/_BADDING_23-35_AWB.xml</b>

## WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	75.85	-1998.58	3210437.98	1276563.10	<b>40°05'24.385"N</b>	<b>104°44'52.242"W</b>
Facility Reference Pt			3212437.05	1276504.37	<b>40°05'23.636"N</b>	<b>104°44'26.527"W</b>
Field Reference Pt			<b>3197771.84</b>	<b>1268891.29</b>	40°04'09.600"N	104°47'36.000"W

## WELLPATH DATUM

Calculation method	<b>Minimum curvature</b>	XTREME 15 (RKB) to Facility Vertical Datum	<b>5122.00ft</b>
Horizontal Reference Pt	<b>Slot</b>	XTREME 15 (RKB) to Mean Sea Level	<b>5122.00ft</b>
Vertical Reference Pt	<b>XTREME 15 (RKB)</b>	XTREME 15 (RKB) to Mud Line at Slot (SLOT#12 BADDING 23-35 (1017'FSL & 1647'FWL))	<b>5122.00ft</b>
MD Reference Pt	<b>XTREME 15 (RKB)</b>	Section Origin	<b>N 0.00, E 0.00 ft</b>
Field Vertical Reference	<b>Mean Sea Level</b>	Section Azimuth	<b>72.70°</b>



# Actual Wellpath Report

BADDING 23-35 AWP

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## REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#12 BADDING 23-35 (1017'FSL & 1647'FWL)
Area	COLORADO	Well	BADDING 23-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 23-35 AWB
Facility	SEC.35-T2N-R66W		

## WELLPATH DATA (84 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	114.300	0.00	0.00	0.00	0.00	0.00	
15.00	0.000	114.300	15.00	0.00	0.00	0.00	0.00	
150.00	0.400	114.300	150.00	0.35	-0.19	0.43	0.30	
243.00	1.100	63.000	242.99	1.48	0.08	1.52	0.97	
336.00	3.000	36.600	335.93	4.32	2.44	3.77	2.23	
427.00	4.300	36.900	426.74	9.01	7.08	7.24	1.43	
516.00	5.900	33.800	515.39	15.28	13.55	11.78	1.82	
603.00	7.000	34.100	601.84	22.90	21.65	17.24	1.26	
693.00	7.800	46.000	691.09	32.65	30.44	24.71	1.92	
782.00	8.300	58.700	779.22	44.28	37.97	34.55	2.07	
871.00	9.100	66.100	867.20	57.50	44.16	46.47	1.54	
958.00	10.300	72.100	952.95	72.11	49.34	60.16	1.80	
1047.00	11.300	77.700	1040.38	88.76	53.64	76.25	1.63	
1115.00	10.300	77.000	1107.17	101.46	56.43	88.69	1.48	
1190.00	9.800	77.400	1181.02	114.50	59.33	101.45	0.67	
1279.00	11.300	76.700	1268.52	130.75	62.99	117.33	1.69	
1369.00	13.100	78.400	1356.48	149.70	67.07	135.90	2.04	
1459.00	14.900	81.600	1443.81	171.28	70.81	157.34	2.18	
1547.00	15.600	76.300	1528.71	194.27	75.26	180.03	1.77	
1636.00	16.600	78.100	1614.22	218.87	80.72	204.10	1.26	
1724.00	17.100	76.000	1698.44	244.30	86.44	228.95	0.90	
1813.00	17.900	75.600	1783.32	271.02	93.01	254.90	0.91	
1904.00	18.300	74.200	1869.82	299.27	100.38	282.19	0.65	
1992.00	18.400	75.300	1953.34	326.96	107.66	308.92	0.41	
2081.00	18.200	72.100	2037.85	354.89	115.50	335.73	1.15	
2170.00	18.700	70.000	2122.27	383.04	124.65	362.36	0.93	
2261.00	17.700	70.000	2208.72	411.43	134.37	389.07	1.10	
2349.00	18.500	69.600	2292.36	438.73	143.81	414.73	0.92	
2437.00	17.800	70.000	2375.98	466.11	153.28	440.45	0.81	
2527.00	18.000	70.000	2461.63	493.74	162.74	466.45	0.22	
2617.00	16.300	73.800	2547.62	520.26	171.02	491.65	2.26	
2704.00	16.300	74.200	2631.13	544.68	177.75	515.12	0.13	
2792.00	17.600	71.000	2715.30	570.32	185.45	539.58	1.82	
2881.00	16.700	70.700	2800.35	596.55	194.05	564.37	1.02	
2971.00	16.400	74.900	2886.62	622.17	201.64	588.85	1.37	
3061.00	16.100	74.900	2973.03	647.34	208.20	613.16	0.33	
3150.00	16.200	79.800	3058.52	671.99	213.61	637.30	1.54	
3239.00	17.300	81.900	3143.74	697.37	217.68	662.62	1.41	
3328.00	18.500	77.000	3228.44	724.52	222.72	689.48	2.16	
3418.00	17.600	75.600	3314.01	752.35	229.31	716.57	1.11	
3509.00	17.100	74.900	3400.87	779.46	236.22	742.81	0.60	
3598.00	17.300	77.000	3485.89	805.73	242.61	768.34	0.73	
3686.00	17.600	80.500	3569.84	831.96	247.75	794.21	1.24	
3774.00	16.600	78.100	3653.95	857.65	252.53	819.64	1.39	
3864.00	16.000	76.700	3740.33	882.83	258.04	844.29	0.80	



# Actual Wellpath Report

BADDING 23-35 AWP

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## REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#12 BADDING 23-35 (1017'FSL & 1647'FWL)
Area	COLORADO	Well	BADDING 23-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 23-35 AWP
Facility	SEC.35-T2N-R66W		

## WELLPATH DATA (84 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
3951.00	15.000	77.700	3824.17	906.00	263.19	866.96	1.19	
4040.00	15.200	80.900	3910.09	929.03	267.49	889.73	0.96	
4129.00	16.400	76.300	3995.73	953.11	272.31	913.46	1.95	
4220.00	13.700	75.600	4083.60	976.70	278.04	936.38	2.97	
4307.00	12.800	72.800	4168.29	996.63	283.45	955.57	1.27	
4397.00	12.700	77.400	4256.07	1016.46	288.56	974.75	1.13	
4488.00	10.500	75.600	4345.21	1034.71	292.80	992.54	2.45	
4578.00	9.900	72.800	4433.79	1050.64	297.13	1007.88	0.86	
4667.00	7.300	65.400	4521.78	1063.90	301.75	1020.33	3.17	
4757.00	6.200	63.700	4611.15	1074.37	306.28	1029.89	1.24	
4845.00	5.300	59.800	4698.71	1083.03	310.43	1037.66	1.11	
4934.00	4.100	59.100	4787.41	1090.13	314.13	1043.94	1.35	
5020.00	3.400	53.800	4873.23	1095.53	317.22	1048.64	0.91	
5117.00	2.000	71.700	4970.12	1099.94	319.45	1052.57	1.67	
5196.00	1.500	109.400	5049.08	1102.15	319.54	1054.85	1.55	
5328.00	1.900	89.300	5181.03	1105.63	318.99	1058.67	0.54	
5462.00	2.200	76.000	5314.94	1110.33	319.64	1063.38	0.42	
5595.00	1.800	33.400	5447.87	1114.49	322.00	1067.01	1.13	
5729.00	1.800	63.700	5581.80	1118.20	324.69	1070.06	0.70	
5862.00	1.400	54.900	5714.75	1121.81	326.55	1073.26	0.35	
5994.00	1.400	57.300	5846.71	1124.90	328.35	1075.93	0.04	
6129.00	1.300	31.700	5981.68	1127.65	330.54	1078.13	0.45	
6263.00	1.800	29.600	6115.63	1130.33	333.66	1079.97	0.38	
6396.00	1.600	22.500	6248.57	1133.05	337.20	1081.71	0.22	
6526.00	0.600	342.400	6378.54	1134.20	339.52	1082.20	0.93	
6659.00	1.100	359.000	6511.53	1134.56	341.46	1081.96	0.42	
6793.00	1.300	8.800	6645.50	1135.59	344.25	1082.17	0.21	
6926.00	0.400	292.500	6778.49	1135.90	345.92	1081.98	0.95	
7060.00	1.400	237.700	6912.47	1133.96	345.22	1080.16	0.91	
7192.00	1.800	248.200	7044.42	1130.33	343.59	1076.87	0.37	
7325.00	2.200	264.700	7177.34	1125.75	342.58	1072.39	0.52	
7459.00	2.800	286.500	7311.21	1120.52	343.27	1066.69	0.83	
7593.00	4.700	295.300	7444.92	1113.76	346.55	1058.59	1.48	
7726.00	4.400	301.300	7577.50	1106.37	351.53	1049.30	0.42	
7861.00	2.200	310.500	7712.27	1101.56	355.90	1042.91	1.67	
7993.00	1.800	44.700	7844.22	1102.05	359.02	1042.44	2.23	
8128.00	1.500	57.000	7979.16	1105.62	361.49	1045.41	0.34	
8270.00	1.700	73.100	8121.11	1109.51	363.11	1048.99	0.34	LAST BHI MWD SURVEY
8320.00	1.700	73.100	8171.09	1111.00	363.55	1050.41	0.00	PROJECTION TO BIT



# Actual Wellpath Report

BADDING 23-35 AWP

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## REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#12 BADDING 23-35 (1017'FSL & 1647'FWL)
Area	COLORADO	Well	BADDING 23-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 23-35 AWB
Facility	SEC.35-T2N-R66W		

## HOLE & CASING SECTIONS - Ref Wellbore: BADDING 23-35 AWB Ref Wellpath: BADDING 23-35 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]
12.25in Open Hole	15.00	1170.00	1155.00	15.00	1161.32	0.00	0.00	58.58	98.11
8.625in Casing Surface	15.00	1160.00	1145.00	15.00	1151.47	0.00	0.00	58.20	96.42
7.875in Open Hole	1160.00	8320.00	7160.00	1151.47	8171.09	58.20	96.42	363.55	1050.41

## TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
BADDING 23-35 GEO TARGET 50' RADIUS (1335'FSL & 2590'FEL, REV-1)		6000.00	326.43	1047.82	3211482.95	1276898.39	40°05'27.611"N	104°44'38.760"W	circle
BADDING 23-35 HARDLINE 52'W OF GEO TARGET		6000.00	326.43	995.82	3211430.96	1276897.95	40°05'27.611"N	104°44'39.429"W	point

## WELLPATH COMPOSITION - Ref Wellbore: BADDING 23-35 AWB Ref Wellpath: BADDING 23-35 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
15.00	8270.00	NaviTrak (Standard)	BHI MWD SURVEYS <150-8270>	BADDING 23-35 AWB
8270.00	8320.00	Blind Drilling (std)	Projection to bit	BADDING 23-35 AWB



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BADDING 23-35 AWP

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Area	COLORADO	Well	BADDING 23-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 23-35 AWB
Facility	SEC.35-T2N-R66W		

## WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
8270.00	1.700	73.100	8121.11	LAST BHI MWD SURVEY
8320.00	1.700	73.100	8171.09	PROJECTION TO BIT