

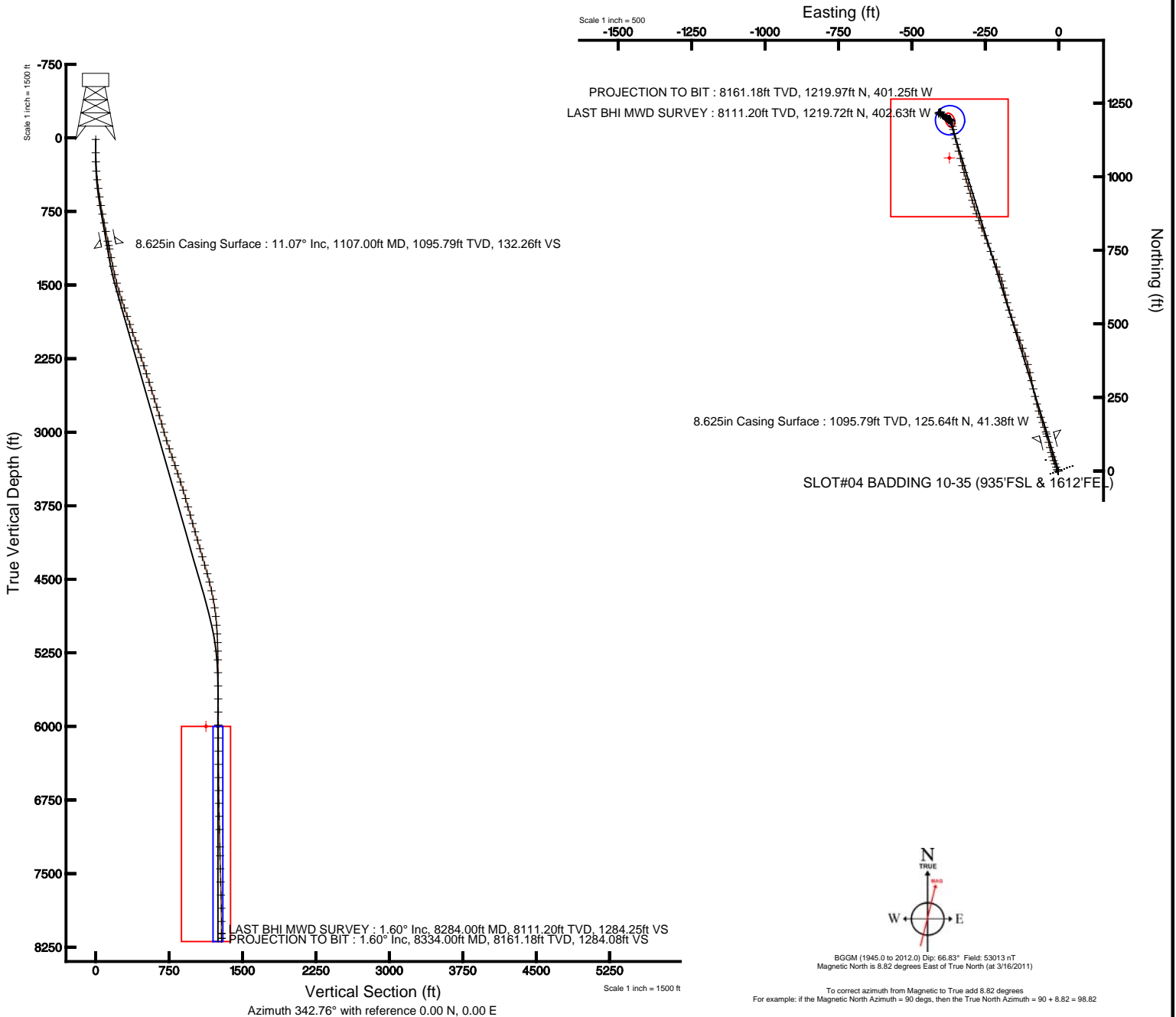


KERR MCGEE OIL & GAS ONSHORE LP

Location: COLORADO Slot: SLOT#04 BADDING 10-35 (935'FSL & 1612'FEL)
 Field: WELD COUNTY (KERR MCGEE) Well: BADDING 10-35
 Facility: SEC.35-T2N-R66W Wellbore: BADDING 10-35 PWB



Plot reference wellpath is BADDING 10-35 (REV-B-1) PWB	
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: 5101 feet	Scale: True distance
Mean Sea Level to Mud line (at Slot: SLOT#04 BADDING 10-35 (935'FSL & 1612'FEL)): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: codelearn on 6/27/2011





Actual Wellpath Report

BADDING 10-35 AWB_awp

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REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#04 BADDING 10-35 (935'FSL & 1612'FEL)
Area	COLORADO	Well	BADDING 10-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 10-35 AWB
Facility	SEC.35-T2N-R66W		

REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Colorado SP, Northern Zone (501), US feet	Software System	WellArchitect® 3.0.0
North Reference	True	User	Cookdannm
Scale	0.999961	Report Generated	6/27/2011 at 10:51:12 PM
Convergence at slot	0.49° East	Database/Source file	WA_DENVER/BADDING_10-35_AWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	10.20	28.26	3212465.22	1276514.81	40°05'23.737"N	104°44'26.164"W
Facility Reference Pt			3212437.05	1276504.37	40°05'23.636"N	104°44'26.527"W
Field Reference Pt			3197771.84	1268891.29	40°04'09.600"N	104°47'36.000"W

WELLPATH DATUM

Calculation method	Minimum curvature	XTREME 15 (RKB) to Facility Vertical Datum	5101.00ft
Horizontal Reference Pt	Slot	XTREME 15 (RKB) to Mean Sea Level	5101.00ft
Vertical Reference Pt	XTREME 15 (RKB)	XTREME 15 (RKB) to Mud Line at Slot (SLOT#04 BADDING 10-35 (935'FSL & 1612'FEL))	5101.00ft
MD Reference Pt	XTREME 15 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	342.76°



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Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 10-35 AWB
Facility	SEC.35-T2N-R66W		

WELLPATH DATA (85 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	228.200	0.00	0.00	0.00	0.00	0.00	
15.00	0.000	228.200	15.00	0.00	0.00	0.00	0.00	
151.00	1.100	228.200	150.99	-0.54	-0.87	-0.97	0.81	
243.00	1.700	322.100	242.97	0.37	-0.38	-2.47	2.27	
338.00	4.700	337.900	337.82	5.57	4.34	-4.80	3.26	
426.00	7.400	339.300	425.32	14.82	12.98	-8.16	3.07	
516.00	7.500	338.600	514.56	26.46	23.87	-12.35	0.15	
602.00	8.400	338.900	599.73	38.32	34.96	-16.66	1.05	
691.00	9.100	341.700	687.69	51.85	47.70	-21.21	0.92	
781.00	10.600	346.300	776.37	67.23	62.50	-25.41	1.88	
871.00	11.900	346.300	864.64	84.75	79.56	-29.57	1.44	
960.00	11.500	345.300	951.79	102.77	97.06	-33.99	0.50	
1062.00	11.800	346.000	1051.68	123.34	117.01	-39.09	0.33	
1143.00	10.500	342.800	1131.15	138.99	132.10	-43.28	1.78	
1233.00	10.900	339.600	1219.59	155.69	147.91	-48.67	0.80	
1323.00	11.700	340.000	1307.85	173.30	164.46	-54.76	0.89	
1410.00	13.400	342.100	1392.76	192.20	182.35	-60.87	2.02	
1500.00	15.100	343.500	1479.99	214.35	203.51	-67.41	1.93	
1589.00	17.100	346.000	1565.50	239.00	227.33	-73.87	2.38	
1679.00	17.000	346.000	1651.54	265.35	252.93	-80.25	0.11	
1766.00	18.700	348.400	1734.35	291.93	278.93	-86.13	2.13	
1855.00	18.500	348.100	1818.70	320.19	306.73	-91.91	0.25	
1942.00	19.200	346.300	1901.04	348.21	334.13	-98.15	1.05	
2029.00	18.700	344.200	1983.32	376.43	361.45	-105.33	0.97	
2118.00	19.200	342.400	2067.50	405.33	389.13	-113.64	0.86	
2208.00	18.500	340.700	2152.67	434.40	416.71	-122.84	0.99	
2298.00	18.800	341.000	2237.95	463.16	443.90	-132.28	0.35	
2387.00	18.100	339.600	2322.37	491.30	470.42	-141.77	0.93	
2474.00	18.100	339.600	2405.07	518.29	495.75	-151.19	0.00	
2565.00	17.400	342.100	2491.74	546.01	521.95	-160.30	1.14	
2653.00	16.700	342.100	2575.87	571.81	546.50	-168.23	0.80	
2740.00	17.800	346.700	2658.96	597.58	571.34	-175.13	2.01	
2830.00	17.100	344.900	2744.82	624.52	597.50	-181.74	0.98	
2919.00	15.800	348.400	2830.17	649.66	622.01	-187.59	1.84	
3009.00	15.600	343.100	2916.82	673.95	645.59	-193.57	1.61	
3097.00	16.600	337.900	3001.37	698.31	668.56	-201.74	1.99	
3187.00	17.600	338.600	3087.39	724.69	693.14	-211.54	1.13	
3274.00	18.900	339.600	3170.01	751.88	718.59	-221.25	1.54	
3364.00	18.800	339.600	3255.19	780.92	745.85	-231.39	0.11	
3454.00	19.100	340.000	3340.31	810.10	773.28	-241.48	0.36	
3542.00	18.600	338.200	3423.59	838.48	799.84	-251.62	0.87	
3631.00	17.700	341.000	3508.16	866.15	825.81	-261.29	1.41	
3719.00	17.300	336.800	3592.09	892.53	850.49	-270.80	1.51	
3807.00	16.500	341.400	3676.30	918.04	874.36	-279.94	1.77	
3896.00	15.300	342.400	3761.89	942.42	897.53	-287.53	1.38	



Actual Wellpath Report

BADDING 10-35 AWB_awp

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REFERENCE WELLPATH IDENTIFICATION			
Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#04 BADDING 10-35 (935'FSL & 1612'FEL)
Area	COLORADO	Well	BADDING 10-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 10-35 AWB
Facility	SEC.35-T2N-R66W		

WELLPATH DATA (85 stations)								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
3983.00	15.600	345.300	3845.75	965.59	919.79	-293.96	0.95	
4072.00	16.500	343.100	3931.28	990.18	943.46	-300.68	1.22	
4160.00	16.900	341.700	4015.57	1015.47	967.56	-308.32	0.64	
4249.00	15.700	346.000	4100.99	1040.42	991.53	-315.30	1.91	
4338.00	15.100	342.100	4186.80	1064.04	1014.24	-321.78	1.34	
4426.00	16.300	346.300	4271.51	1087.83	1037.15	-328.22	1.88	
4516.00	17.100	346.700	4357.72	1113.64	1062.30	-334.26	0.90	
4605.00	16.500	346.300	4442.92	1139.30	1087.31	-340.26	0.69	
4694.00	14.000	344.900	4528.78	1162.68	1109.99	-346.06	2.84	
4784.00	12.000	346.300	4616.47	1182.90	1129.59	-351.11	2.25	
4874.00	10.600	343.100	4704.72	1200.52	1146.60	-355.74	1.70	
4961.00	8.200	350.000	4790.55	1214.68	1160.37	-359.14	3.04	
5050.00	6.100	344.900	4878.85	1225.70	1171.19	-361.48	2.46	
5141.00	5.400	353.000	4969.40	1234.74	1180.10	-363.26	1.18	
5228.00	2.800	340.300	5056.17	1240.90	1186.17	-364.47	3.15	
5317.00	2.800	319.600	5145.06	1245.07	1189.87	-366.61	1.13	
5404.00	0.400	315.700	5232.02	1247.29	1191.71	-368.20	2.76	
5493.00	0.400	310.800	5321.02	1247.83	1192.13	-368.66	0.04	
5624.00	0.500	359.700	5452.02	1248.77	1193.00	-369.01	0.29	
5759.00	0.900	305.900	5587.01	1250.18	1194.21	-369.87	0.54	
5892.00	0.600	303.100	5720.00	1251.55	1195.21	-371.30	0.23	
6026.00	0.500	279.500	5853.99	1252.35	1195.69	-372.46	0.18	
6157.00	0.500	243.700	5984.99	1252.52	1195.53	-373.54	0.23	
6290.00	0.400	272.100	6117.98	1252.58	1195.29	-374.52	0.18	
6425.00	0.400	316.800	6252.98	1253.16	1195.65	-375.31	0.23	
6560.00	0.400	300.600	6387.98	1253.94	1196.23	-376.04	0.08	
6694.00	0.700	271.800	6521.97	1254.55	1196.50	-377.26	0.30	
6826.00	1.100	299.900	6653.96	1255.74	1197.15	-379.17	0.44	
6957.00	1.600	314.300	6784.92	1258.27	1199.06	-381.57	0.46	
7089.00	1.800	300.300	6916.86	1261.42	1201.39	-384.68	0.35	
7224.00	1.000	325.000	7051.82	1264.11	1203.42	-387.18	0.73	
7401.00	2.000	299.900	7228.76	1267.84	1206.23	-390.75	0.66	
7491.00	1.300	315.000	7318.72	1269.90	1207.73	-392.83	0.91	
7625.00	1.700	282.700	7452.68	1272.23	1209.25	-395.84	0.69	
7760.00	3.500	286.500	7587.53	1275.52	1210.86	-401.75	1.34	
7894.00	2.300	305.500	7721.36	1279.93	1213.58	-407.86	1.14	
8027.00	1.600	29.200	7854.31	1283.34	1216.75	-409.13	2.00	
8162.00	1.800	75.300	7989.25	1284.54	1218.93	-406.16	1.00	
8284.00	1.600	79.800	8111.20	1284.25	1219.72	-402.63	0.20	LAST BHI MWD SURVEY
8334.00	1.600	79.800	8161.18	1284.08	1219.97	-401.25	0.00	PROJECTION TO BIT



Actual Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#04 BADDING 10-35 (935'FSL & 1612'FEL)
Area	COLORADO	Well	BADDING 10-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 10-35 AWB
Facility	SEC.35-T2N-R66W		

HOLE & CASING SECTIONS - Ref Wellbore: BADDING 10-35 AWB Ref Wellpath: BADDING 10-35 AWB_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	1117.00	1102.00	15.00	1105.61	0.00	0.00	127.47	-41.90
8.625in Casing Surface	15.00	1107.00	1092.00	15.00	1095.79	0.00	0.00	125.64	-41.38
7.875in Open Hole	1107.00	8334.00	7227.00	1095.79	8161.18	125.64	-41.38	1219.97	-401.25

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
BADDING 10-35 GEO TARGET 50' RADIUS (2130'FSL & 1980'FEL, REV-1)		6000.00	1191.97	-369.87	3212085.17	1277703.52	40°05'35.516"N	104°44'30.923"W	circle
BADDING 10-35 LEGAL BOX (72'N,328'S,198'E,202'W OF GEO TARGET)		6000.00	1063.97	-371.87	3212084.27	1277575.51	40°05'34.252"N	104°44'30.948"W	square

WELLPATH COMPOSITION - Ref Wellbore: BADDING 10-35 AWB Ref Wellpath: BADDING 10-35 AWB_awp

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
15.00	1143.00	NaviTrak (Standard)	BHI MWD SURVEYS 12.25 HOLE <151-1143>	BADDING 10-35 AWB
1143.00	8284.00	NaviTrak (Standard)	BHI MWD SURVEYS 7.875 HOLE <1233-8284>	BADDING 10-35 AWB
8284.00	8334.00	Blind Drilling (std)	Projection to bit	BADDING 10-35 AWB



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Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 10-35 AWB
Facility	SEC.35-T2N-R66W		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
8284.00	1.600	79.800	8111.20	LAST BHI MWD SURVEY
8334.00	1.600	79.800	8161.18	PROJECTION TO BIT