

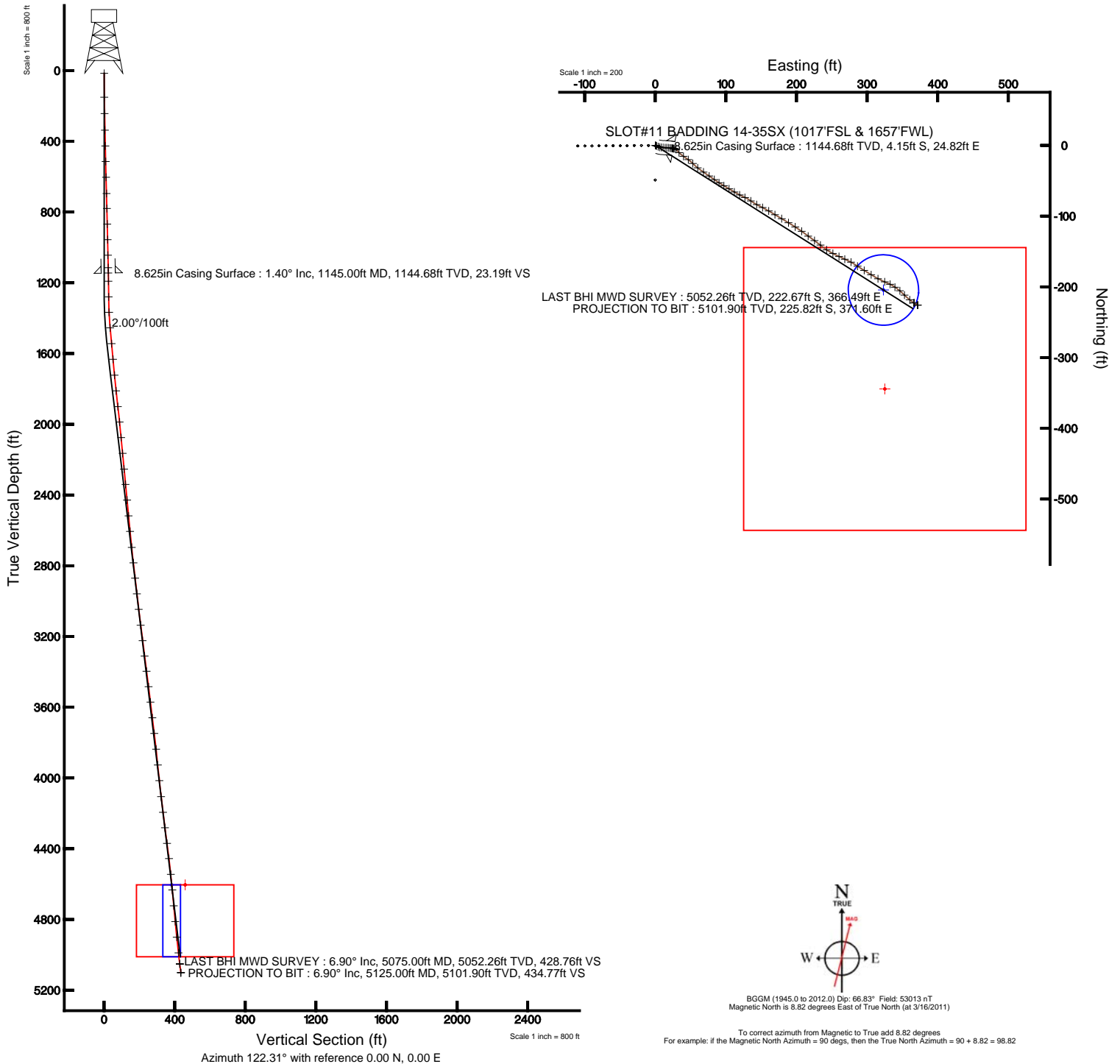


KERR MCGEE OIL & GAS ONSHORE LP

Location: COLORADO Slot: SLOT#11 BADDING 14-35SX (1017'FSL & 1657'FWL)
Field: WELD COUNTY (KERR MCGEE) Well: BADDING 14-35SX
Facility: SEC.35-T2N-R66W Wellbore: BADDING 14-35SX PWB



Plot reference wellpath is BADDING 14-35SX (REV 8.1) PWB	
True vertical depths are referenced to XTREME 15 (RRB)	Grid System: NAD83 / Lambert Colorado SP, Northern Zone (501), US feet
Measured depths are referenced to XTREME 15 (RRB)	North Reference: True north
XTREME 15 (RRB) to Mean Sea Level: 5122 feet	Scale: True distance
Mean Sea Level to Mud line (At Slot: SLOT#11 BADDING 14-35SX (1017'FSL & 1657'FWL)): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	
Created by: cooldam on 6/22/2011	





Actual Wellpath Report

BADDING 14-35 SX AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#11 BADDING 14-35SX (1017'FSL & 1657'FWL)
Area	COLORADO	Well	BADDING 14-35SX
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 14-35 SX 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	Cookdanm
Scale	0.999961	Report Generated	6/22/2011 at 9:06:52 PM
Convergence at slot	0.49° East	Database/Source file	WA_DENVER/BADDING_14-35_SX_AWB.xml

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	75.85	-1988.78	3210447.78	1276563.19	40°05'24.385"N	104°44'52.116"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	5122.00ft
Horizontal Reference Pt	Slot	XTREME 15 (RKB) to Mean Sea Level	5122.00ft
Vertical Reference Pt	XTREME 15 (RKB)	XTREME 15 (RKB) to Mud Line at Slot (SLOT#11 BADDING 14-35SX (1017'FSL & 1657'FWL))	5122.00ft
MD Reference Pt	XTREME 15 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	122.31°



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REFERENCE WELLPATH IDENTIFICATION			
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Area	COLORADO	Well	BADDING 14-35SX
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 14-35 SX AWB
Facility	SEC.35-T2N-R66W		

WELLPATH DATA (60 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	96.000	0.00	0.00	0.00	0.00	0.00	
15.00	0.000	96.000	15.00	0.00	0.00	0.00	0.00	
150.00	0.500	96.000	150.00	0.53	-0.06	0.59	0.37	
243.00	1.300	123.400	242.99	1.95	-0.68	1.87	0.95	
337.00	1.500	108.300	336.96	4.21	-1.66	3.93	0.44	
426.00	1.400	112.500	425.93	6.41	-2.44	6.04	0.16	
514.00	1.700	87.600	513.90	8.54	-2.80	8.34	0.83	
603.00	1.700	97.100	602.86	10.82	-2.90	10.97	0.32	
695.00	1.800	94.200	694.82	13.33	-3.18	13.76	0.15	
780.00	1.400	89.700	779.78	15.38	-3.27	16.13	0.49	
868.00	1.600	96.000	867.75	17.39	-3.39	18.43	0.29	
956.00	1.300	98.800	955.73	19.40	-3.68	20.64	0.35	
1044.00	1.100	95.300	1043.71	21.07	-3.91	22.46	0.24	
1115.00	1.500	94.600	1114.69	22.50	-4.04	24.07	0.56	
1191.00	1.300	113.600	1190.67	24.24	-4.47	25.85	0.66	
1280.00	1.000	44.300	1279.65	25.39	-4.32	27.32	1.50	
1367.00	3.000	140.600	1366.61	27.71	-5.53	29.29	3.75	
1455.00	5.100	135.700	1454.38	33.71	-10.11	33.49	2.42	
1545.00	5.500	124.500	1544.00	41.91	-15.42	39.84	1.23	
1634.00	5.200	124.100	1632.61	50.20	-20.10	46.69	0.34	
1724.00	5.600	136.400	1722.22	58.54	-25.56	53.10	1.36	
1813.00	6.300	126.900	1810.74	67.62	-31.64	60.00	1.35	
1903.00	6.600	125.500	1900.17	77.70	-37.61	68.16	0.38	
1991.00	6.200	124.500	1987.62	87.50	-43.24	76.19	0.47	
2079.00	5.400	124.500	2075.17	96.39	-48.27	83.52	0.91	
2169.00	4.900	123.800	2164.81	104.46	-52.81	90.20	0.56	
2258.00	5.400	119.600	2253.45	112.45	-56.99	97.00	0.70	
2345.00	6.000	120.600	2340.02	121.08	-61.33	104.47	0.70	
2434.00	5.200	121.000	2428.59	129.76	-65.77	111.94	0.90	
2524.00	5.700	117.800	2518.18	138.29	-69.96	119.39	0.65	
2612.00	5.300	113.200	2605.78	146.66	-73.60	126.99	0.68	
2703.00	6.900	125.500	2696.26	156.27	-78.43	135.30	2.26	
2791.00	5.900	118.100	2783.72	166.06	-83.63	143.59	1.47	
2878.00	6.400	116.000	2870.22	175.34	-87.86	151.90	0.63	
2967.00	6.500	121.300	2958.65	185.31	-92.65	160.66	0.68	
3056.00	6.800	120.300	3047.05	195.61	-97.93	169.51	0.36	
3146.00	7.300	120.600	3136.37	206.65	-103.53	179.04	0.56	
3234.00	7.300	122.000	3223.66	217.83	-109.34	188.59	0.20	
3322.00	7.400	120.600	3310.94	229.08	-115.18	198.21	0.23	
3409.00	7.200	127.600	3397.23	240.11	-121.36	207.35	1.05	
3497.00	7.700	126.200	3484.49	251.49	-128.21	216.48	0.60	
3585.00	6.600	123.800	3571.81	262.42	-134.50	225.44	1.30	
3674.00	7.200	130.500	3660.16	273.06	-140.97	233.93	1.13	
3763.00	7.000	124.500	3748.48	284.00	-147.67	242.64	0.86	
3853.00	6.200	114.300	3837.89	294.29	-152.77	251.59	1.57	



Actual Wellpath Report

BADDING 14-35 SX AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#11 BADDING 14-35SX (1017'FSL & 1657'FWL)
Area	COLORADO	Well	BADDING 14-35SX
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 14-35 SX AWB
Facility	SEC.35-T2N-R66W		

WELLPATH DATA (60 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
3943.00	6.200	118.800	3927.36	303.96	-157.11	260.28	0.54	
4032.00	5.400	109.700	4015.91	312.84	-160.84	268.43	1.37	
4123.00	6.900	119.900	4106.38	322.48	-165.01	277.20	2.03	
4212.00	7.200	123.800	4194.71	333.40	-170.78	286.47	0.63	
4300.00	7.300	120.600	4282.01	344.50	-176.69	295.87	0.47	
4389.00	7.700	123.800	4370.25	356.11	-182.89	305.69	0.65	
4476.00	7.200	116.400	4456.51	367.36	-188.55	315.42	1.24	
4566.00	6.200	111.500	4545.90	377.74	-192.84	324.99	1.28	
4654.00	4.700	119.900	4633.50	386.01	-196.38	332.54	1.93	
4744.00	5.600	121.000	4723.13	394.09	-200.48	339.50	1.01	
4834.00	5.400	131.200	4812.72	402.66	-205.53	346.45	1.11	
4923.00	6.200	135.400	4901.27	411.48	-211.71	352.97	1.02	
5012.00	6.700	128.700	4989.70	421.32	-218.38	360.40	1.01	
5075.00	6.900	121.700	5052.26	428.76	-222.67	366.49	1.35	LAST BHI MWD SURVEY
5125.00	6.900	121.700	5101.90	434.77	-225.82	371.60	0.00	PROJECTION TO BIT

HOLE & CASING SECTIONS - Ref Wellbore: BADDING 14-35 SX AWB Ref Wellpath: BADDING 14-35 SX 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	1160.00	1145.00	15.00	1159.67	0.00	0.00	-4.23	25.17
8.625in Casing Surface	15.00	1145.00	1130.00	15.00	1144.68	0.00	0.00	-4.15	24.82
7.875in Open Hole	1145.00	7802.00	6657.00	1144.68	NA	-4.15	24.82	NA	NA

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
BADDING 14-35SX GEO TARGET 50' RADIUS (810'FSL & 1980'FWL, REV-1)		4605.00	-204.37	323.17	3210772.65	1276361.58	40°05'22.366"N	104°44'47.958"W	circle
BADDING 14-35SX LEGAL BOX (60'N,340'S,198'W,202'E OF GEO TARGET)		4605.00	-344.37	325.17	3210775.84	1276221.60	40°05'20.982"N	104°44'47.932"W	square

WELLPATH COMPOSITION - Ref Wellbore: BADDING 14-35 SX AWB Ref Wellpath: BADDING 14-35 SX AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
15.00	5075.00	NaviTrak (Standard)	BHI MWD SURVEYS <150-5075>	BADDING 14-35 SX AWB
5075.00	5125.00	Blind Drilling (std)	Projection to bit	BADDING 14-35 SX AWB



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Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 14-35 SX AWB
Facility	SEC.35-T2N-R66W		

WELLPATH COMMENTS				
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
5075.00	6.900	121.700	5052.26	LAST BHI MWD SURVEY
5125.00	6.900	121.700	5101.90	PROJECTION TO BIT