

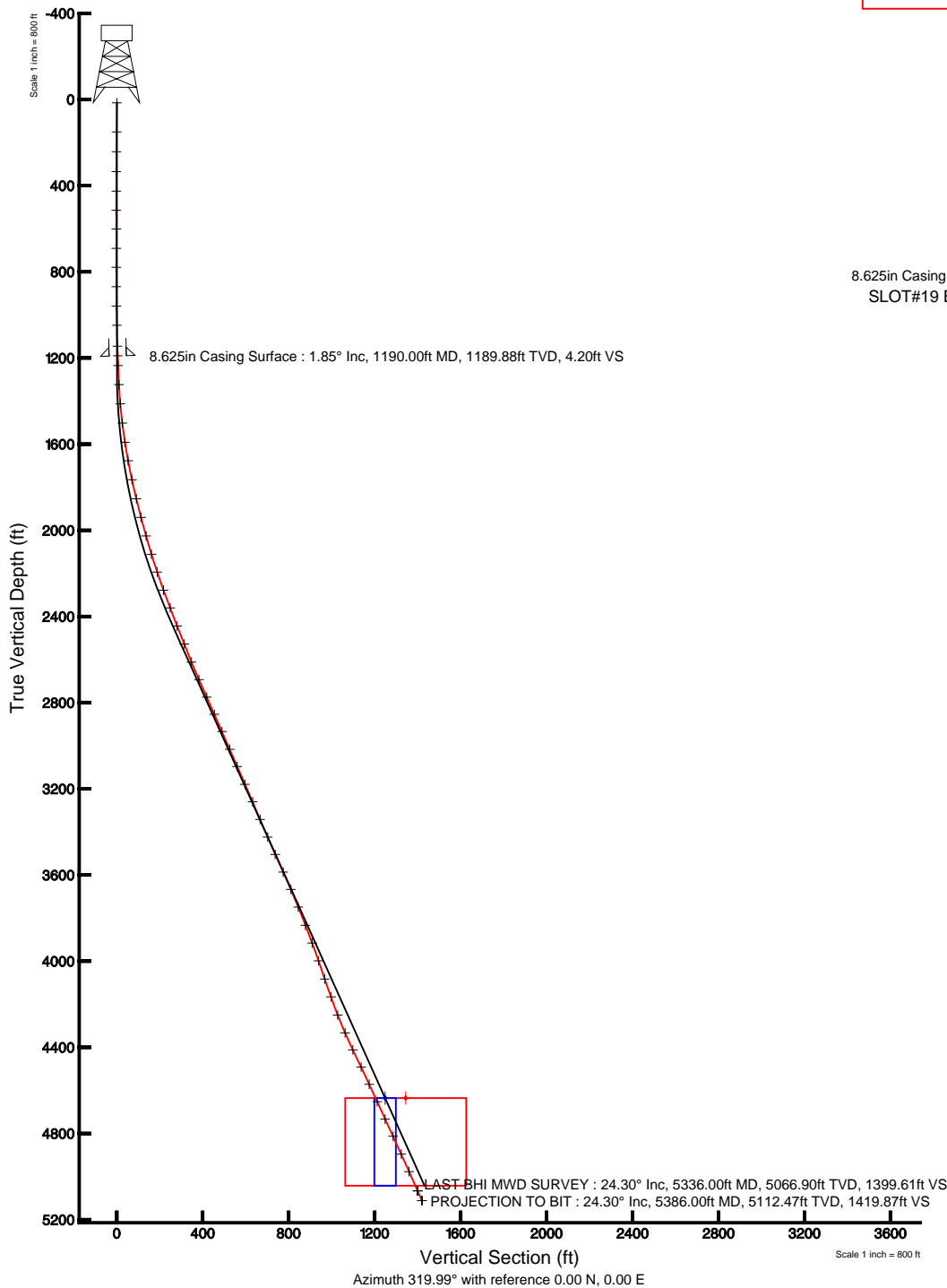
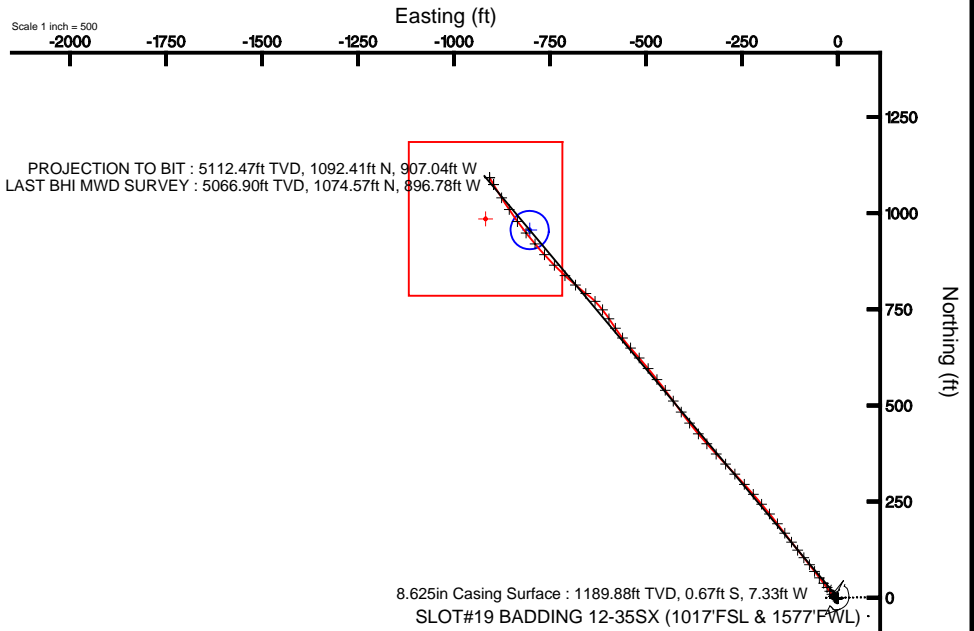


# KERR MCGEE OIL & GAS ONSHORE LP

Location: COLORADO Slot: SLOT#19 BADDING 12-35SX (1017FSL & 1577FWL)  
Field: WELD COUNTY (KERR MCGEE) Well: BADDING 12-35SX  
Facility: SEC.35-T2N-R66W Wellbore: BADDING 12-35SX PWB



Plot reference wellbore is BADDING 12-35SX (REV-8.1) 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: 5123 feet	Scale: True distance
Mean Sea Level to Mud line (At Slot: SLOT#19 BADDING 12-35SX (1017FSL & 1577FWL)): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: cookdam on 6/22/2011



BQGM (1945.0 to 2012.0) Dip: 66.83° Field: 53013-IT  
Magnetic North is 8.82 degrees East of True North (at 3/16/2011)

To correct azimuth from Magnetic to True add 8.82 degrees  
For example: if the Magnetic North Azimuth = 90 degs, then the True North Azimuth = 90 + 8.82 = 98.82



# Actual Wellpath Report

BADDING 12-35SX AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#19 BADDING 12-35SX (1017'FSL & 1577'FWL)
Area	COLORADO	Well	BADDING 12-35SX
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 12-35SX 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 7:00:17 PM
Convergence at slot	0.49° East	Database/Source file	WA_DENVER/BADDING_12-35SX_AWB.xml

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	75.49	-2068.80	3210367.76	1276562.14	40°05'24.382"N	104°44'53.146"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	5123.00ft
Horizontal Reference Pt	Slot	XTREME 15 (RKB) to Mean Sea Level	5123.00ft
Vertical Reference Pt	XTREME 15 (RKB)	XTREME 15 (RKB) to Mud Line at Slot (SLOT#19 BADDING 12-35SX (1017'FSL & 1577'FWL))	5123.00ft
MD Reference Pt	XTREME 15 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	319.99°



# Actual Wellpath Report

BADDING 12-35SX AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#19 BADDING 12-35SX (1017'FSL & 1577'FWL)
Area	COLORADO	Well	BADDING 12-35SX
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 12-35SX AWB
Facility	SEC.35-T2N-R66W		

WELLPATH DATA (62 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	136.500	0.00	0.00	0.00	0.00	0.00	
15.00	0.000	136.500	15.00	0.00	0.00	0.00	0.00	
150.00	0.500	136.500	150.00	-0.59	-0.43	0.41	0.37	
242.00	0.700	147.000	241.99	-1.55	-1.19	0.99	0.25	
335.00	0.200	126.900	334.99	-2.27	-1.76	1.43	0.56	
425.00	0.100	253.500	424.99	-2.39	-1.88	1.48	0.30	
514.00	0.200	303.100	513.99	-2.21	-1.82	1.27	0.17	
601.00	0.300	246.800	600.99	-2.00	-1.82	0.94	0.29	
691.00	0.300	223.600	690.99	-1.96	-2.09	0.56	0.13	
779.00	0.400	183.500	778.99	-2.21	-2.56	0.38	0.29	
869.00	0.800	234.200	868.98	-2.39	-3.24	-0.15	0.70	
959.00	1.200	282.700	958.97	-1.59	-3.40	-1.58	1.00	
1048.00	1.700	297.500	1047.94	0.37	-2.59	-3.66	0.70	
1145.00	1.600	296.400	1144.90	2.94	-1.32	-6.15	0.11	
1235.00	2.100	304.800	1234.85	5.68	0.18	-8.63	0.63	
1324.00	3.000	324.500	1323.77	9.58	3.00	-11.32	1.40	
1413.00	5.500	327.000	1412.51	16.13	8.48	-14.99	2.82	
1503.00	6.900	324.200	1501.99	25.81	16.48	-20.51	1.59	
1593.00	8.500	323.500	1591.17	37.84	26.21	-27.63	1.78	
1680.00	10.400	320.000	1676.99	52.11	37.40	-36.50	2.28	
1770.00	12.600	321.700	1765.18	70.05	51.33	-47.81	2.47	
1861.00	13.900	323.800	1853.75	90.88	67.94	-60.41	1.52	
1950.00	14.500	322.800	1940.03	112.67	85.44	-73.46	0.73	
2039.00	16.000	319.600	2025.90	136.07	103.66	-88.15	1.93	
2128.00	17.100	321.000	2111.21	161.42	123.17	-104.34	1.31	
2215.00	18.200	323.800	2194.11	187.76	144.07	-120.41	1.60	
2304.00	20.300	322.400	2278.13	217.06	167.52	-138.04	2.42	
2392.00	21.200	322.100	2360.42	248.21	192.17	-157.13	1.03	
2482.00	21.300	319.600	2444.31	280.82	217.46	-177.72	1.01	
2572.00	21.400	322.100	2528.13	313.58	242.87	-198.40	1.02	
2662.00	22.300	318.500	2611.67	347.06	268.61	-219.80	1.79	
2751.00	24.200	317.100	2693.44	382.16	294.63	-243.41	2.22	
2840.00	24.000	317.100	2774.68	418.45	321.25	-268.15	0.22	
2927.00	23.900	317.500	2854.19	453.73	347.20	-292.10	0.22	
3015.00	24.200	316.400	2934.55	489.54	373.41	-316.58	0.61	
3105.00	23.200	318.500	3016.96	525.68	400.04	-341.05	1.45	
3192.00	22.900	320.300	3097.02	559.73	425.90	-363.22	0.88	
3282.00	24.300	321.400	3179.49	595.76	453.85	-385.96	1.63	
3371.00	23.600	324.200	3260.83	631.83	482.61	-407.81	1.50	
3460.00	23.000	324.200	3342.57	666.94	511.16	-428.40	0.67	
3549.00	23.300	322.400	3424.40	701.87	539.21	-449.31	0.86	
3637.00	24.000	322.100	3505.01	737.14	567.12	-470.92	0.81	
3727.00	24.600	320.300	3587.04	774.17	595.98	-494.13	1.06	
3815.00	23.500	318.900	3667.40	810.03	623.29	-517.37	1.41	
3904.00	22.000	319.200	3749.47	844.44	649.29	-539.92	1.69	



# Actual Wellpath Report

BADDING 12-35SX AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#19 BADDING 12-35SX (1017'FSL & 1577'FWL)
Area	COLORADO	Well	BADDING 12-35SX
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 12-35SX AWB
Facility	SEC.35-T2N-R66W		

WELLPATH DATA (62 stations)								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
3995.00	21.000	323.300	3834.14	877.76	675.26	-560.81	1.98	
4083.00	20.800	324.500	3916.36	909.08	700.63	-579.31	0.54	
4171.00	18.800	327.100	3999.15	938.73	725.26	-596.08	2.48	
4260.00	19.100	322.100	4083.33	967.52	748.79	-612.82	1.85	
4348.00	19.800	314.600	4166.32	996.75	770.62	-632.28	2.95	
4438.00	21.500	306.500	4250.55	1027.97	791.14	-656.40	3.69	
4528.00	24.000	311.200	4333.55	1062.10	813.01	-683.43	3.43	
4615.00	26.000	312.600	4412.40	1098.50	837.57	-710.78	2.40	
4704.00	25.600	316.100	4492.53	1137.03	864.63	-738.48	1.77	
4792.00	25.000	317.800	4572.09	1174.58	892.11	-764.15	1.07	
4881.00	24.400	320.000	4652.95	1211.76	920.12	-788.60	1.23	
4970.00	24.600	320.700	4733.94	1248.67	948.54	-812.15	0.40	
5058.00	25.600	324.900	4813.63	1285.93	978.27	-834.69	2.32	
5149.00	23.800	327.000	4896.30	1323.74	1009.76	-855.99	2.20	
5238.00	24.300	327.000	4977.58	1359.74	1040.18	-875.75	0.56	
5336.00	24.300	330.100	5066.90	1399.61	1074.57	-896.78	1.30	LAST BHI MWD SURVEY
5386.00	24.300	330.100	5112.47	1419.87	1092.41	-907.04	0.00	PROJECTION TO BIT

HOLE & CASING SECTIONS - Ref Wellbore: BADDING 12-35SX AWB      Ref Wellpath: BADDING 12-35SX 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	1200.00	1185.00	15.00	1199.87	0.00	0.00	-0.50	-7.61
8.625in Casing Surface	15.00	1190.00	1175.00	15.00	1189.88	0.00	0.00	-0.67	-7.33
7.875in Open Hole	1190.00	5386.00	4196.00	1189.88	5112.47	-0.67	-7.33	1092.41	-907.04



# Actual Wellpath Report

BADDING 12-35SX AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#19 BADDING 12-35SX (1017'FSL & 1577'FWL)
Area	COLORADO	Well	BADDING 12-35SX
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 12-35SX AWB
Facility	SEC.35-T2N-R66W		

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
BADDING 12-35SX GEO TARGET 50' RADIUS (1980'FSL & 775'FWL, REV-1)		4636.00	956.28	-802.70	3209557.02	1277511.54	40°05'33.832"N	104°45'03.474"W	circle
BADDING 12-35SX LEGAL BOX (229'N,171'S,315'W,85'E OF GEO TARGET)		4636.00	985.28	-917.70	3209441.78	1277539.56	40°05'34.118"N	104°45'04.954"W	square

WELLPATH COMPOSITION - Ref Wellbore: BADDING 12-35SX AWB					Ref Wellpath: BADDING 12-35SX AWP	
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment		Wellbore	
15.00	1145.00	NaviTrak (Standard)	BHI MWD 12.25 HOLE <150-1145>		BADDING 12-35SX AWB	
1145.00	5336.00	NaviTrak (Standard)	BHI MWD 7.875 HOLE <1235-5336>		BADDING 12-35SX AWB	
5336.00	5386.00	Blind Drilling (std)	Projection to bit		BADDING 12-35SX AWB	



# Actual Wellpath Report

BADDING 12-35SX AWP

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Area	COLORADO	Well	BADDING 12-35SX
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 12-35SX AWB
Facility	SEC.35-T2N-R66W		

WELLPATH COMMENTS				
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
5336.00	24.300	330.100	5066.90	LAST BHI MWD SURVEY
5386.00	24.300	330.100	5112.47	PROJECTION TO BIT