

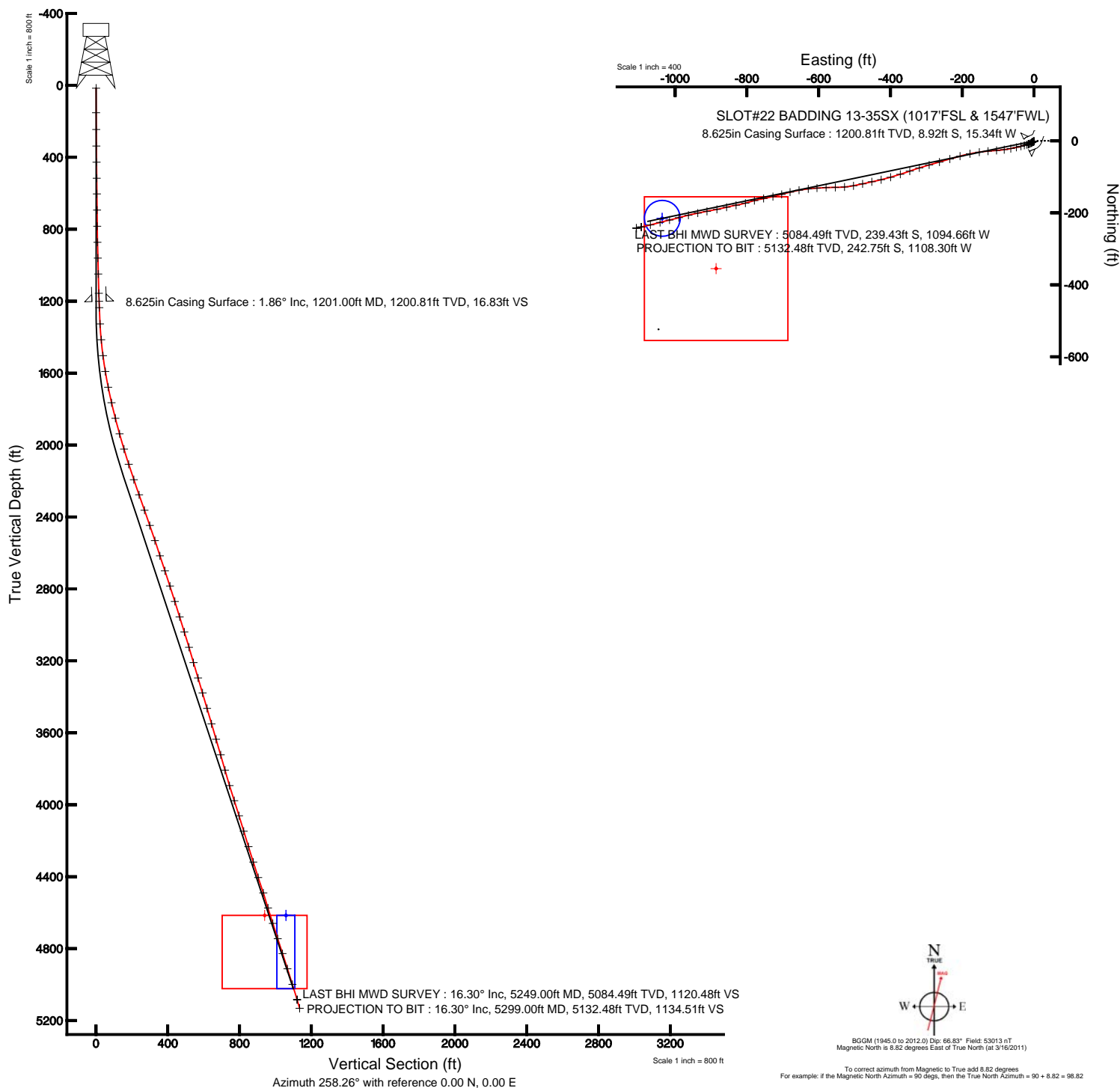


KERR MCGEE OIL & GAS ONSHORE LP

Location: COLORADO Slot: SLOT#22 BADDING 13-35SX (1017'FSL & 1547'FWL)
Field: WELD COUNTY (KERR MCGEE) Well: BADDING 13-35SX
Facility: SEC 35-T2N-R66W Wellbore: BADDING 13-35SX PWB



Plot reference wellpath is BADDING 13-35SX (REV.B.2) 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 (4 1/2" Slot: SLOT#22 BADDING 13-35SX (1017'FSL & 1547'FWL)): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: cookdenn on 6/22/2011





Actual Wellpath Report

BADDING 13-35SX AWB

Page 1 of 5



REFERENCE WELLPATH IDENTIFICATION			
Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#22 BADDING 13-35SX (1017'FSL & 1547'FWL)
Area	COLORADO	Well	BADDING 13-35SX
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 13-35SX PWB
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 8:34:34 PM
Convergence at slot	0.49° East	Database/Source file	WA_DENVER/BADDING_13-35SX_PWB.xml

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	75.13	-2098.74	3210337.83	1276561.53	40°05'24.378"N	104°44'53.531"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#22 BADDING 13-35SX (1017'FSL & 1547'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	258.26°



Actual Wellpath Report

BADDING 13-35SX AWB

Page 2 of 5



REFERENCE WELLPATH IDENTIFICATION			
Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#22 BADDING 13-35SX (1017'FSL & 1547'FWL)
Area	COLORADO	Well	BADDING 13-35SX
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 13-35SX PWB
Facility	SEC.35-T2N-R66W		

WELLPATH DATA (61 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	174.100	0.00	0.00	0.00	0.00	0.00	
15.00	0.000	174.100	15.00	0.00	0.00	0.00	0.00	
152.00	0.800	174.100	152.00	0.10	-0.95	0.10	0.58	
245.00	0.800	253.200	244.99	0.81	-1.78	-0.46	1.10	
337.00	0.400	248.600	336.98	1.77	-2.09	-1.37	0.44	
427.00	0.700	247.900	426.98	2.62	-2.41	-2.17	0.33	
516.00	0.600	282.000	515.97	3.58	-2.52	-3.13	0.44	
603.00	0.700	240.100	602.97	4.50	-2.69	-4.04	0.54	
693.00	0.600	234.500	692.96	5.45	-3.23	-4.90	0.13	
783.00	0.900	216.900	782.96	6.42	-4.07	-5.71	0.42	
872.00	1.000	241.600	871.94	7.68	-5.00	-6.81	0.47	
960.00	1.600	237.000	959.92	9.57	-6.04	-8.51	0.69	
1049.00	1.800	246.100	1048.88	12.09	-7.28	-10.83	0.38	
1156.00	1.800	252.100	1155.83	15.40	-8.48	-13.97	0.18	
1236.00	1.900	252.100	1235.79	17.97	-9.27	-16.43	0.12	
1327.00	3.300	255.600	1326.69	22.09	-10.39	-20.40	1.55	
1415.00	5.400	254.200	1414.43	28.75	-12.14	-26.84	2.39	
1504.00	7.300	254.900	1502.88	38.57	-14.76	-36.33	2.14	
1593.00	9.300	257.400	1590.95	51.41	-17.80	-48.81	2.28	
1682.00	11.400	257.700	1678.49	67.40	-21.24	-64.42	2.36	
1770.00	13.200	263.700	1764.47	86.10	-24.20	-82.91	2.51	
1859.00	14.900	265.100	1850.81	107.57	-26.29	-104.41	1.95	
1949.00	15.700	264.800	1937.62	131.16	-28.38	-128.07	0.89	
2037.00	16.700	263.000	2022.12	155.59	-31.00	-152.47	1.27	
2126.00	17.900	257.000	2107.10	182.01	-35.64	-178.50	2.41	
2216.00	19.000	256.000	2192.47	210.48	-42.29	-206.19	1.27	
2305.00	19.500	252.800	2276.50	239.75	-50.19	-234.44	1.31	
2396.00	19.400	254.900	2362.31	269.95	-58.62	-263.54	0.78	
2486.00	19.000	253.500	2447.30	299.47	-66.67	-292.02	0.68	
2575.00	18.600	252.800	2531.55	328.04	-74.99	-319.47	0.52	
2664.00	18.200	250.300	2616.01	355.94	-83.87	-346.11	0.99	
2752.00	18.900	252.800	2699.43	383.74	-92.72	-372.67	1.20	
2841.00	18.100	253.500	2783.83	411.86	-100.91	-399.69	0.93	
2931.00	17.100	257.000	2869.62	439.02	-107.85	-425.99	1.62	
3021.00	17.400	258.400	2955.58	465.71	-113.54	-452.07	0.57	
3109.00	17.400	256.000	3039.55	492.02	-119.36	-477.72	0.82	
3198.00	16.400	259.500	3124.71	517.87	-124.87	-502.99	1.60	
3287.00	16.500	266.200	3210.07	542.96	-128.00	-527.96	2.13	
3376.00	17.200	268.600	3295.25	568.42	-129.16	-553.72	1.11	
3463.00	17.100	268.600	3378.38	593.66	-129.79	-579.37	0.11	
3553.00	15.800	265.500	3464.70	618.83	-131.07	-604.81	1.74	
3642.00	16.100	263.700	3550.27	643.14	-133.38	-629.16	0.65	
3732.00	17.200	260.200	3636.50	668.86	-137.01	-654.68	1.65	
3822.00	16.000	256.000	3722.75	694.55	-142.28	-679.83	1.88	
3911.00	15.600	253.200	3808.39	718.73	-148.70	-703.18	0.97	



Actual Wellpath Report

BADDING 13-35SX AWB

Page 3 of 5



REFERENCE WELLPATH IDENTIFICATION			
Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#22 BADDING 13-35SX (1017'FSL & 1547'FWL)
Area	COLORADO	Well	BADDING 13-35SX
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 13-35SX PWB
Facility	SEC.35-T2N-R66W		

WELLPATH DATA (61 stations)								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
4000.00	17.100	258.400	3893.79	743.74	-154.79	-727.46	2.35	
4088.00	18.200	258.800	3977.65	770.42	-160.07	-753.62	1.26	
4176.00	16.800	254.900	4061.58	796.86	-166.05	-779.38	2.07	
4266.00	16.700	254.200	4147.76	822.74	-172.96	-804.38	0.25	
4356.00	17.800	260.200	4233.72	849.39	-178.82	-830.38	2.32	
4446.00	16.900	256.300	4319.62	876.22	-184.26	-856.65	1.63	
4536.00	18.800	258.400	4405.29	903.80	-190.28	-883.56	2.23	
4626.00	17.900	259.100	4490.71	932.13	-195.81	-911.35	1.03	
4714.00	16.700	259.500	4574.73	958.29	-200.67	-937.06	1.37	
4804.00	17.800	255.300	4660.68	984.96	-206.52	-963.09	1.85	
4893.00	18.100	255.300	4745.35	1012.35	-213.48	-989.62	0.34	
4980.00	18.000	256.700	4828.07	1039.29	-220.00	-1015.77	0.51	
5069.00	17.800	254.600	4912.76	1066.61	-226.77	-1042.27	0.76	
5160.00	17.800	257.400	4999.41	1094.40	-233.50	-1069.25	0.94	
5249.00	16.300	256.300	5084.49	1120.48	-239.43	-1094.66	1.72	LAST BHI MWD SURVEY
5299.00	16.300	256.300	5132.48	1134.51	-242.75	-1108.30	0.00	PROJECTION TO BIT

HOLE & CASING SECTIONS - Ref Wellbore: BADDING 13-35SX PWB Ref Wellpath: BADDING 13-35SX AWB									
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	1211.00	1196.00	15.00	1210.80	0.00	0.00	-9.02	-15.65
8.625in Casing Surface	15.00	1201.00	1186.00	15.00	1200.81	0.00	0.00	-8.92	-15.34
7.875in Open Hole	1201.00	5299.00	4098.00	1200.81	5132.48	-8.92	-15.34	-242.75	-1108.30



Actual Wellpath Report

BADDING 13-35SX AWB

Page 4 of 5



REFERENCE WELLPATH IDENTIFICATION			
Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#22 BADDING 13-35SX (1017'FSL & 1547'FWL)
Area	COLORADO	Well	BADDING 13-35SX
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 13-35SX PWB
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 13-35SX BHL ON PLAT (810'FSL & 510'FWL, REV-1)		4616.00	-215.28	-1036.93	3209302.81	1276337.48	40°05'22.250"N	104°45'06.872"W	point
BADDING 13-35SX GEO TARGET 50' RADIUS (810'FSL & 511'FWL, REV-2)		4616.00	-215.28	-1035.93	3209303.81	1276337.48	40°05'22.250"N	104°45'06.860"W	circle
BADDING 13-35SX LEGAL BOX (60'N,340'S,50'W,350'E OF GEO TARGET)		4616.00	-355.28	-885.93	3209454.98	1276198.76	40°05'20.867"N	104°45'04.930"W	square

WELLPATH COMPOSITION - Ref Wellbore: BADDING 13-35SX PWB					Ref Wellpath: BADDING 13-35SX AWB	
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment		Wellbore	
15.00	1156.00	NaviTrak (Standard)	BHI MWD SURVEYS 12.25 HOLE <152-1156>		BADDING 13-35SX PWB	
1156.00	5249.00	NaviTrak (Standard)	BHI MWD SURVEYS 7.875 HOLE <1236-5249>		BADDING 13-35SX PWB	
5249.00	5299.00	Blind Drilling (std)	Projection to bit		BADDING 13-35SX PWB	



Actual Wellpath Report

BADDING 13-35SX AWB

Page 5 of 5



REFERENCE WELLPATH IDENTIFICATION			
Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#22 BADDING 13-35SX (1017'FSL & 1547'FWL)
Area	COLORADO	Well	BADDING 13-35SX
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 13-35SX PWB
Facility	SEC.35-T2N-R66W		

WELLPATH COMMENTS				
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
5249.00	16.300	256.300	5084.49	LAST BHI MWD SURVEY
5299.00	16.300	256.300	5132.48	PROJECTION TO BIT