

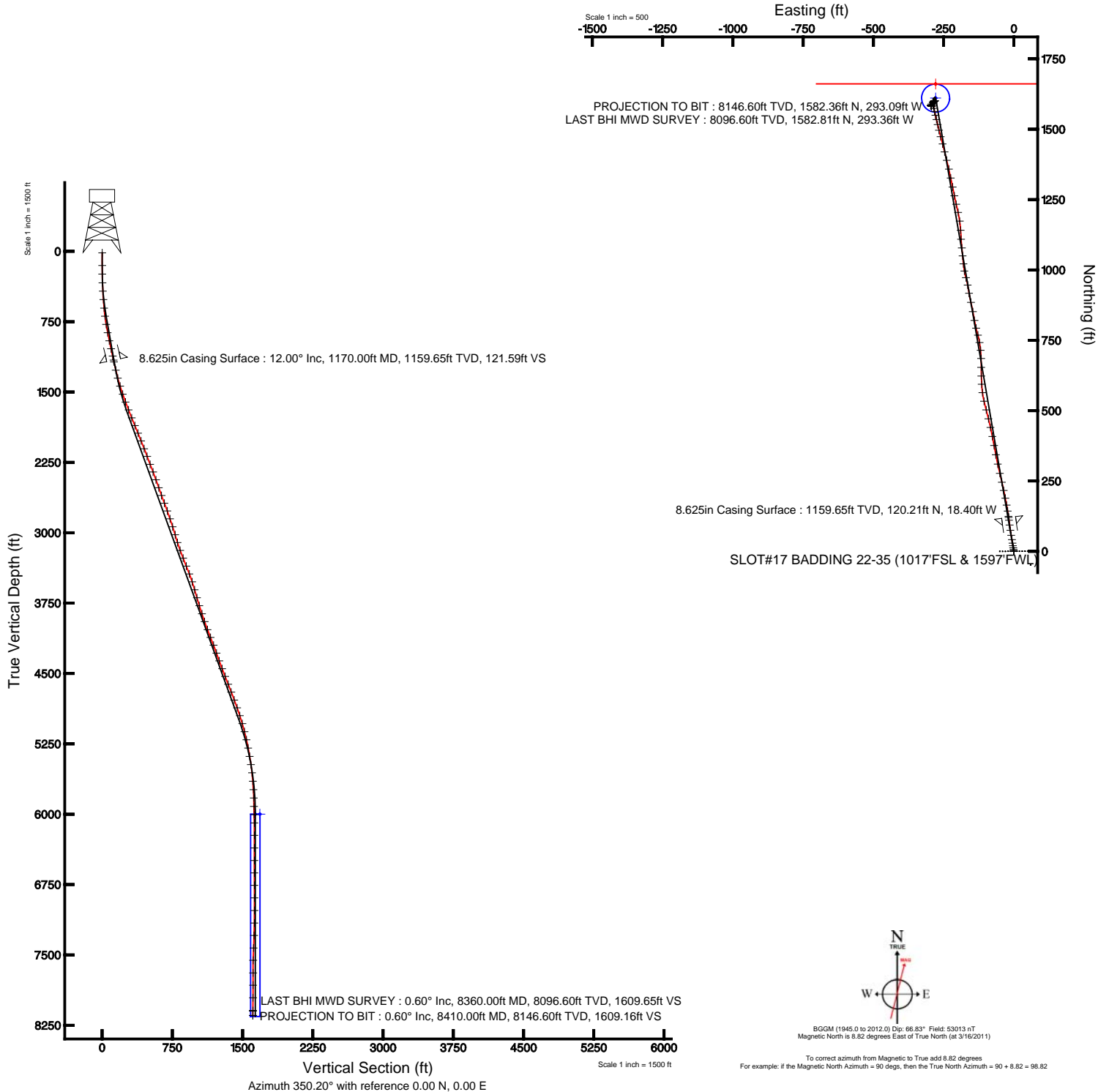


KERR MCGEE OIL & GAS ONSHORE LP

Location: COLORADO Slot: SLOT#17 BADDING 22-35 (1017FSL & 1597FWL)
Field: WELD COUNTY (KERR MCGEE) Well: BADDING 22-35
Facility: SEC.35-T2N-R66W Wellbore: BADDING 22-35 PWB



Plot reference wellbore is BADDING 22-35 (REV-A-B) 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#17 BADDING 22-35 (1017FSL & 1597FWL)): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: cookdown on 6/22/2011





Actual Wellpath Report

BADDING 22-35 AWP

Page 1 of 5



REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#17 BADDING 22-35 (1017'FSL & 1597'FWL)
Area	COLORADO	Well	BADDING 22-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 22-35 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	Cookdanm
Scale	0.999961	Report Generated	6/22/2011 at 9:47:02 PM
Convergence at slot	0.49° East	Database/Source file	WA_DENVER/BADDING_22-35_AWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	75.49	-2048.66	3210387.91	1276562.31	40°05'24.382"N	104°44'52.886"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#17 BADDING 22-35 (1017'FSL & 1597'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	350.20°



Actual Wellpath Report

BADDING 22-35 AWP

Page 2 of 5



REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#17 BADDING 22-35 (1017'FSL & 1597'FWL)
Area	COLORADO	Well	BADDING 22-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 22-35 AWB
Facility	SEC.35-T2N-R66W		

WELLPATH DATA (89 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	145.900	0.00	0.00	0.00	0.00	0.00	
15.00	0.000	145.900	15.00	0.00	0.00	0.00	0.00	
150.00	0.200	145.900	150.00	-0.21	-0.20	0.13	0.15	
242.00	0.900	356.200	242.00	0.36	0.39	0.17	1.17	
335.00	2.000	347.700	334.97	2.71	2.71	-0.22	1.20	
424.00	3.100	353.000	423.88	6.66	6.61	-0.84	1.26	
514.00	4.100	347.000	513.70	12.30	12.16	-1.86	1.19	
605.00	5.500	351.200	604.38	19.91	19.64	-3.26	1.59	
692.00	7.100	352.300	690.85	29.45	29.09	-4.62	1.84	
781.00	9.100	350.500	778.96	41.99	41.49	-6.52	2.26	
870.00	11.200	349.800	866.56	57.67	56.94	-9.21	2.36	
958.00	12.200	350.900	952.73	75.52	74.53	-12.20	1.16	
1046.00	12.800	352.800	1038.64	94.55	93.38	-14.89	0.83	
1125.00	12.700	352.300	1115.70	111.97	110.67	-17.15	0.19	
1189.00	11.700	353.000	1178.25	125.49	124.08	-18.88	1.58	
1279.00	13.000	350.500	1266.16	144.72	143.12	-21.67	1.56	
1367.00	15.000	349.500	1351.55	166.01	164.09	-25.38	2.29	
1456.00	17.600	349.200	1436.96	190.99	188.63	-30.00	2.92	
1546.00	18.800	347.000	1522.46	219.07	216.13	-35.81	1.54	
1635.00	20.700	347.000	1606.22	249.10	245.43	-42.57	2.13	
1725.00	21.500	347.400	1690.19	281.45	277.03	-49.75	0.90	
1816.00	22.100	347.000	1774.68	315.20	309.98	-57.24	0.68	
1905.00	22.500	349.500	1857.02	348.95	343.04	-64.11	1.16	
1993.00	22.100	349.500	1938.44	382.33	375.87	-70.19	0.45	
2082.00	21.400	348.800	2021.10	415.31	408.26	-76.40	0.84	
2171.00	21.600	347.700	2103.91	447.91	440.19	-83.04	0.51	
2259.00	20.700	346.000	2185.98	479.60	471.11	-90.26	1.24	
2350.00	21.000	345.600	2271.02	511.89	502.51	-98.20	0.36	
2437.00	21.700	346.300	2352.05	543.48	533.24	-105.89	0.86	
2526.00	19.500	353.000	2435.37	574.74	563.97	-111.60	3.62	
2616.00	19.300	357.200	2520.26	604.51	593.74	-114.15	1.57	
2704.00	19.700	357.200	2603.22	633.66	623.08	-115.59	0.45	
2791.00	21.300	0.700	2684.71	663.76	653.53	-116.11	2.32	
2880.00	20.500	359.000	2767.85	695.05	685.28	-116.19	1.13	
2968.00	18.500	353.400	2850.81	724.23	714.56	-118.06	3.11	
3058.00	17.600	349.800	2936.38	752.09	742.13	-122.11	1.59	
3147.00	17.400	346.000	3021.26	778.82	768.29	-127.71	1.30	
3234.00	17.000	345.300	3104.37	804.46	793.21	-134.09	0.52	
3322.00	20.000	349.800	3187.82	832.34	820.48	-140.02	3.77	
3411.00	21.900	349.500	3270.93	864.16	851.78	-145.74	2.14	
3502.00	21.600	347.400	3355.46	897.86	884.81	-152.49	0.92	
3592.00	21.300	348.800	3439.22	930.74	917.01	-159.27	0.66	
3681.00	18.000	351.600	3523.03	960.66	946.48	-164.42	3.85	
3770.00	16.900	342.100	3607.95	987.22	972.40	-170.41	3.43	
3858.00	15.600	352.300	3692.45	1011.71	996.31	-175.93	3.56	



Actual Wellpath Report

BADDING 22-35 AWP

Page 3 of 5



REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#17 BADDING 22-35 (1017'FSL & 1597'FWL)
Area	COLORADO	Well	BADDING 22-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 22-35 AWP
Facility	SEC.35-T2N-R66W		

WELLPATH DATA (89 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
3947.00	18.000	352.600	3777.64	1037.42	1021.81	-179.30	2.70	
4038.00	18.100	355.500	3864.17	1065.54	1049.84	-182.22	0.99	
4126.00	19.700	353.700	3947.42	1093.96	1078.21	-184.92	1.93	
4217.00	20.200	355.800	4032.96	1124.90	1109.13	-187.76	0.96	
4306.00	22.200	358.300	4115.94	1156.85	1141.26	-189.38	2.47	
4395.00	20.700	350.200	4198.79	1189.23	1173.58	-192.56	3.73	
4485.00	19.900	348.400	4283.20	1220.45	1204.26	-198.35	1.13	
4573.00	19.800	345.600	4365.97	1250.27	1233.37	-205.07	1.09	
4662.00	20.700	349.500	4449.47	1281.03	1263.44	-211.68	1.82	
4750.00	22.000	348.100	4531.43	1313.05	1294.86	-217.91	1.59	
4840.00	20.600	348.400	4615.28	1345.73	1326.86	-224.57	1.56	
4930.00	21.300	348.100	4699.33	1377.89	1358.37	-231.13	0.79	
5020.00	20.800	344.900	4783.33	1410.14	1389.79	-238.66	1.39	
5109.00	19.700	346.000	4866.83	1440.83	1419.61	-246.41	1.31	
5197.00	19.100	345.300	4949.83	1469.97	1447.92	-253.65	0.73	
5286.00	15.900	344.900	5034.70	1496.62	1473.79	-260.52	3.60	
5375.00	14.600	346.000	5120.57	1519.95	1496.44	-266.41	1.50	
5464.00	12.500	347.400	5207.08	1540.76	1516.73	-271.23	2.39	
5554.00	10.700	347.000	5295.24	1558.83	1534.37	-275.23	2.00	
5644.00	9.500	346.000	5383.85	1574.58	1549.72	-278.91	1.35	
5733.00	8.300	346.300	5471.77	1588.32	1563.09	-282.21	1.35	
5821.00	6.700	350.900	5559.02	1599.79	1574.33	-284.52	1.94	
5911.00	4.700	350.200	5648.57	1608.73	1583.15	-285.98	2.22	
6002.00	3.200	0.000	5739.35	1614.96	1589.36	-286.62	1.80	
6090.00	1.600	12.000	5827.27	1618.52	1593.02	-286.36	1.90	
6180.00	1.600	6.000	5917.24	1620.89	1595.50	-285.97	0.19	
6268.00	1.500	356.900	6005.20	1623.22	1597.87	-285.90	0.30	
6357.00	0.600	48.200	6094.19	1624.62	1599.35	-285.62	1.37	
6489.00	0.400	88.600	6226.18	1624.92	1599.82	-284.64	0.30	
6623.00	0.200	114.300	6360.18	1624.72	1599.73	-283.96	0.18	
6757.00	0.400	87.200	6494.18	1624.54	1599.66	-283.28	0.18	
6890.00	0.400	60.100	6627.18	1624.64	1599.91	-282.41	0.14	
7022.00	0.400	48.200	6759.17	1625.04	1600.45	-281.67	0.06	
7156.00	0.600	33.800	6893.17	1625.80	1601.35	-280.93	0.18	
7290.00	0.900	250.700	7027.16	1626.13	1601.58	-281.54	1.06	
7424.00	2.400	228.900	7161.11	1624.50	1599.39	-284.64	1.19	
7557.00	2.000	228.200	7294.01	1621.82	1596.01	-288.47	0.30	
7690.00	4.700	213.100	7426.77	1616.60	1589.90	-293.18	2.12	
7822.00	0.400	154.700	7558.61	1612.19	1584.95	-295.94	3.41	
7956.00	0.400	82.300	7692.61	1611.73	1584.59	-295.27	0.35	
8087.00	0.400	132.900	7823.61	1611.35	1584.34	-294.48	0.26	
8221.00	0.300	145.600	7957.61	1610.65	1583.73	-293.94	0.09	
8360.00	0.600	148.700	8096.60	1609.65	1582.81	-293.36	0.22	LAST BHI MWD SURVEY
8410.00	0.600	148.700	8146.60	1609.16	1582.36	-293.09	0.00	PROJECTION TO BIT



Actual Wellpath Report

BADDING 22-35 AWP

Page 4 of 5



REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#17 BADDING 22-35 (1017'FSL & 1597'FWL)
Area	COLORADO	Well	BADDING 22-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 22-35 AWB
Facility	SEC.35-T2N-R66W		

HOLE & CASING SECTIONS - Ref Wellbore: BADDING 22-35 AWB Ref Wellpath: BADDING 22-35 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	1180.00	1165.00	15.00	1169.44	0.00	0.00	122.26	-18.66
8.625in Casing Surface	15.00	1170.00	1155.00	15.00	1159.65	0.00	0.00	120.21	-18.40
7.875in Open Hole	1170.00	8410.00	7240.00	1159.65	8146.60	120.21	-18.40	1582.36	-293.09

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
BADDING 22-35 GEO TARGET 50' RADIUS (2630'FSL & 1320'FWL, REV-1)		6000.00	1610.90	-278.38	3210095.89	1278170.73	40°05'40.301"N	104°44'56.468"W	circle
BADDING 22-35 HARDLINE 50'N OF GEO TARGET		6000.00	1660.90	-278.38	3210095.47	1278220.73	40°05'40.795"N	104°44'56.468"W	point

WELLPATH COMPOSITION - Ref Wellbore: BADDING 22-35 AWB Ref Wellpath: BADDING 22-35 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
15.00	1189.00	NaviTrak (Standard)	BHI MWD SURVEY 12.25 HOLE <150-1189>	BADDING 22-35 AWB
1189.00	8360.00	NaviTrak (Standard)	BHI MWD SURVEY 7.875 HOLE <1279-8360>	BADDING 22-35 AWB
8360.00	8410.00	Blind Drilling (std)	Projection to bit	BADDING 22-35 AWB



Actual Wellpath Report

BADDING 22-35 AWP

Page 5 of 5



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Area	COLORADO	Well	BADDING 22-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 22-35 AWB
Facility	SEC.35-T2N-R66W		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
8360.00	0.600	148.700	8096.60	LAST BHI MWD SURVEY
8410.00	0.600	148.700	8146.60	PROJECTION TO BIT