



Actual Wellpath Report

BADDING 34-35 AWP

Page 1 of 5



REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#18 BADDING 34-35 (1017'FSL & 1587'FWL)
Area	COLORADO	Well	BADDING 34-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 34-35 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 11:05:03 PM
Convergence at slot	0.49° East	Database/Source file	WA_DENVER/BADDING_34-35_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	-2058.73	3210377.84	1276562.23	40°05'24.382"N	104°44'53.016"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#18 BADDING 34-35 (1017'FSL & 1587'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	237.48°



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Page 2 of 5



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WELLPATH DATA (90 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	193.700	0.00	0.00	0.00	0.00	0.00	
15.00	0.000	193.700	15.00	0.00	0.00	0.00	0.00	
150.00	0.400	193.700	150.00	0.34	-0.46	-0.11	0.30	
242.00	2.200	203.900	241.97	2.04	-2.38	-0.90	1.96	
335.00	4.200	202.200	334.82	6.31	-7.17	-2.91	2.15	
424.00	5.800	209.600	423.48	12.95	-14.10	-6.37	1.93	
512.00	7.000	213.800	510.93	21.79	-22.42	-11.55	1.46	
603.00	7.900	227.500	601.17	33.03	-31.25	-19.24	2.18	
691.00	8.700	234.500	688.25	45.63	-39.21	-29.12	1.46	
781.00	9.900	237.700	777.07	60.16	-47.29	-41.20	1.45	
870.00	10.600	236.000	864.64	76.00	-55.96	-54.45	0.86	
959.00	10.700	236.300	952.11	92.44	-65.12	-68.11	0.13	
1048.00	11.200	235.200	1039.49	109.34	-74.64	-82.09	0.61	
1125.00	11.500	236.600	1114.99	124.49	-83.13	-94.63	0.53	
1191.00	10.900	237.700	1179.73	137.31	-90.09	-105.40	0.96	
1280.00	11.300	234.300	1267.06	154.43	-99.67	-119.60	0.86	
1371.00	12.700	239.800	1356.08	173.32	-109.91	-135.48	1.98	
1460.00	14.300	239.600	1442.61	194.08	-120.39	-153.42	1.80	
1546.00	16.600	240.900	1525.50	216.96	-131.74	-173.32	2.70	
1636.00	18.700	240.900	1611.26	244.20	-145.01	-197.16	2.33	
1725.00	21.100	237.700	1694.94	274.47	-160.51	-223.17	2.96	
1814.00	23.500	235.600	1777.28	308.23	-179.10	-251.36	2.84	
1903.00	24.500	237.300	1858.59	344.42	-199.10	-281.53	1.37	
1991.00	24.200	236.600	1938.76	380.70	-218.88	-311.94	0.47	
2081.00	23.900	235.200	2020.95	417.36	-239.44	-342.31	0.72	
2168.00	24.800	235.900	2100.21	453.21	-259.73	-371.89	1.09	
2257.00	24.200	236.300	2181.19	490.11	-280.32	-402.53	0.70	
2344.00	24.400	239.400	2260.49	525.90	-299.36	-432.83	1.48	
2434.00	24.500	240.500	2342.42	563.11	-318.01	-465.07	0.52	
2524.00	24.600	239.100	2424.28	600.47	-336.82	-497.39	0.66	
2612.00	23.600	235.600	2504.61	636.39	-356.18	-527.64	1.98	
2701.00	22.700	236.600	2586.45	671.37	-375.70	-556.68	1.10	
2790.00	23.700	238.700	2668.25	706.42	-394.45	-586.30	1.46	
2880.00	23.900	239.400	2750.60	742.73	-413.12	-617.45	0.38	
2967.00	23.600	243.700	2830.24	777.66	-429.81	-648.23	2.02	
3057.00	24.200	238.700	2912.53	814.01	-447.38	-680.15	2.35	
3147.00	23.100	237.000	2994.97	850.11	-466.58	-710.72	1.44	
3237.00	23.300	237.700	3077.69	885.57	-485.71	-740.57	0.38	
3324.00	25.900	239.400	3156.79	921.77	-504.58	-771.48	3.10	
3413.00	26.100	238.000	3236.78	960.77	-524.85	-804.81	0.73	
3501.00	25.900	237.700	3315.87	999.35	-545.37	-837.47	0.27	
3590.00	25.000	237.800	3396.24	1037.59	-565.78	-869.82	1.01	
3680.00	24.800	239.100	3477.87	1075.48	-585.61	-902.11	0.65	
3770.00	25.100	243.300	3559.48	1113.34	-603.88	-935.36	2.00	
3860.00	25.000	238.700	3641.02	1151.35	-622.34	-968.66	2.17	



Actual Wellpath Report

BADDING 34-35 AWP

Page 3 of 5



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Area	COLORADO	Well	BADDING 34-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 34-35 AWP
Facility	SEC.35-T2N-R66W		

WELLPATH DATA (90 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
3950.00	24.600	238.700	3722.72	1189.09	-641.95	-1000.92	0.44	
4039.00	22.900	237.700	3804.18	1224.93	-660.83	-1031.39	1.96	
4130.00	22.200	232.400	3888.23	1259.76	-680.78	-1059.98	2.36	
4220.00	20.300	231.700	3972.11	1292.23	-700.83	-1085.70	2.13	
4309.00	16.900	234.900	4056.45	1320.53	-717.85	-1108.41	3.99	
4398.00	17.300	236.300	4141.52	1346.68	-732.63	-1130.00	0.64	
4488.00	17.800	234.900	4227.33	1373.80	-747.96	-1152.39	0.73	
4578.00	18.700	237.300	4312.80	1401.97	-763.67	-1175.79	1.30	
4665.00	19.600	240.500	4394.99	1430.49	-778.39	-1200.23	1.59	
4754.00	22.200	240.500	4478.12	1462.20	-794.02	-1227.86	2.92	
4842.00	20.400	240.100	4560.11	1494.12	-809.85	-1255.63	2.05	
4932.00	20.500	237.300	4644.44	1525.55	-826.19	-1282.49	1.09	
5022.00	18.900	237.000	4729.17	1555.89	-842.64	-1307.97	1.78	
5111.00	18.700	237.700	4813.42	1584.57	-858.12	-1332.12	0.34	
5202.00	18.900	242.600	4899.57	1613.84	-872.69	-1357.54	1.75	
5292.00	18.600	235.900	4984.81	1642.71	-887.45	-1382.37	2.41	
5381.00	17.700	240.100	5069.38	1670.41	-902.15	-1405.85	1.78	
5468.00	15.700	239.400	5152.71	1695.39	-914.74	-1427.45	2.31	
5557.00	14.400	240.500	5238.65	1718.48	-926.32	-1447.45	1.50	
5646.00	12.300	243.300	5325.24	1738.96	-936.03	-1465.55	2.47	
5735.00	10.600	241.900	5412.47	1756.56	-944.15	-1481.24	1.94	
5822.00	9.600	243.700	5498.12	1771.75	-951.13	-1494.81	1.21	
5912.00	7.000	242.300	5587.17	1784.67	-957.00	-1506.39	2.90	
6001.00	5.900	242.600	5675.61	1794.63	-961.63	-1515.25	1.24	
6090.00	4.500	247.500	5764.24	1802.63	-965.07	-1522.54	1.65	
6180.00	3.700	252.500	5854.01	1808.91	-967.30	-1528.57	0.97	
6271.00	2.800	246.800	5944.86	1813.94	-969.06	-1533.42	1.05	
6359.00	1.500	233.500	6032.80	1817.21	-970.59	-1536.32	1.57	
6448.00	1.400	228.500	6121.77	1819.45	-972.00	-1538.07	0.18	
6582.00	1.400	292.500	6255.73	1822.00	-972.46	-1540.81	1.11	
6715.00	1.100	280.900	6388.70	1823.86	-971.60	-1543.56	0.29	
6850.00	0.600	304.500	6523.69	1825.08	-970.95	-1545.42	0.44	
6982.00	0.300	326.300	6655.68	1825.36	-970.27	-1546.18	0.26	
7117.00	0.300	352.300	6790.68	1825.21	-969.63	-1546.42	0.10	
7251.00	0.400	97.400	6924.68	1824.71	-969.34	-1546.00	0.42	
7382.00	0.600	123.800	7055.68	1824.08	-969.78	-1544.98	0.23	
7517.00	1.100	115.300	7190.66	1823.11	-970.73	-1543.22	0.38	
7651.00	1.300	120.300	7324.63	1821.73	-972.04	-1540.75	0.17	
7787.00	1.100	102.000	7460.60	1820.09	-973.09	-1538.14	0.32	
7920.00	1.100	81.900	7593.58	1818.02	-973.18	-1535.63	0.29	
8053.00	0.700	71.700	7726.56	1816.07	-972.74	-1533.59	0.32	
8187.00	0.800	16.200	7860.55	1814.57	-971.59	-1532.55	0.53	
8319.00	1.000	320.300	7992.54	1814.03	-969.82	-1533.03	0.65	
8450.00	1.100	305.500	8123.52	1814.64	-968.21	-1534.78	0.22	LAST BHI MWD SURVEYS
8500.00	1.100	305.500	8173.51	1815.00	-967.65	-1535.57	0.00	PROJECTION TO BIT



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BADDING 34-35 AWP

Page 4 of 5



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Area	COLORADO	Well	BADDING 34-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 34-35 AWB
Facility	SEC.35-T2N-R66W		

HOLE & CASING SECTIONS - Ref Wellbore: BADDING 34-35 AWB Ref Wellpath: BADDING 34-35 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	1168.93	0.00	0.00	-88.97	-103.64
8.625in Casing Surface	15.00	1170.00	1155.00	15.00	1159.11	0.00	0.00	-87.94	-102.02
7.875in Open Hole	1170.00	8500.00	7330.00	1159.11	8173.51	-87.94	-102.02	-967.65	-1535.57

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
BADDING 34-35 GEO TARGET 50' RADIUS (50'FSL & 50'FWL, REV-1)		6000.00	-979.53	-1536.41	3208849.85	1275569.74	40°05'14.701"N	104°45'12.784"W	circle
BADDING 34-35 HARDLINE 50'S OF GEO TARGET		6000.00	-1029.53	-1536.41	3208850.27	1275519.75	40°05'14.207"N	104°45'12.784"W	point
BADDING 34-35 HARDLINE 50'W OF GEO TARGET		6000.00	-979.53	-1586.41	3208799.85	1275569.32	40°05'14.701"N	104°45'13.427"W	point

WELLPATH COMPOSITION - Ref Wellbore: BADDING 34-35 AWB Ref Wellpath: BADDING 34-35 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
15.00	1191.00	NaviTrak (Standard)	BHI MWD SURVEYS 12.25 HOLE <150-1191>	BADDING 34-35 AWB
1191.00	8450.00	NaviTrak (Standard)	BHI MWD SURVEYS 7.875 HOLE <1280-8450>	BADDING 34-35 AWB
8450.00	8500.00	Blind Drilling (std)	Projection to bit	BADDING 34-35 AWB



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BADDING 34-35 AWP

Page 5 of 5



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Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 34-35 AWB
Facility	SEC.35-T2N-R66W		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
8450.00	1.100	305.500	8123.52	LAST BHI MWD SURVEYS
8500.00	1.100	305.500	8173.51	PROJECTION TO BIT