

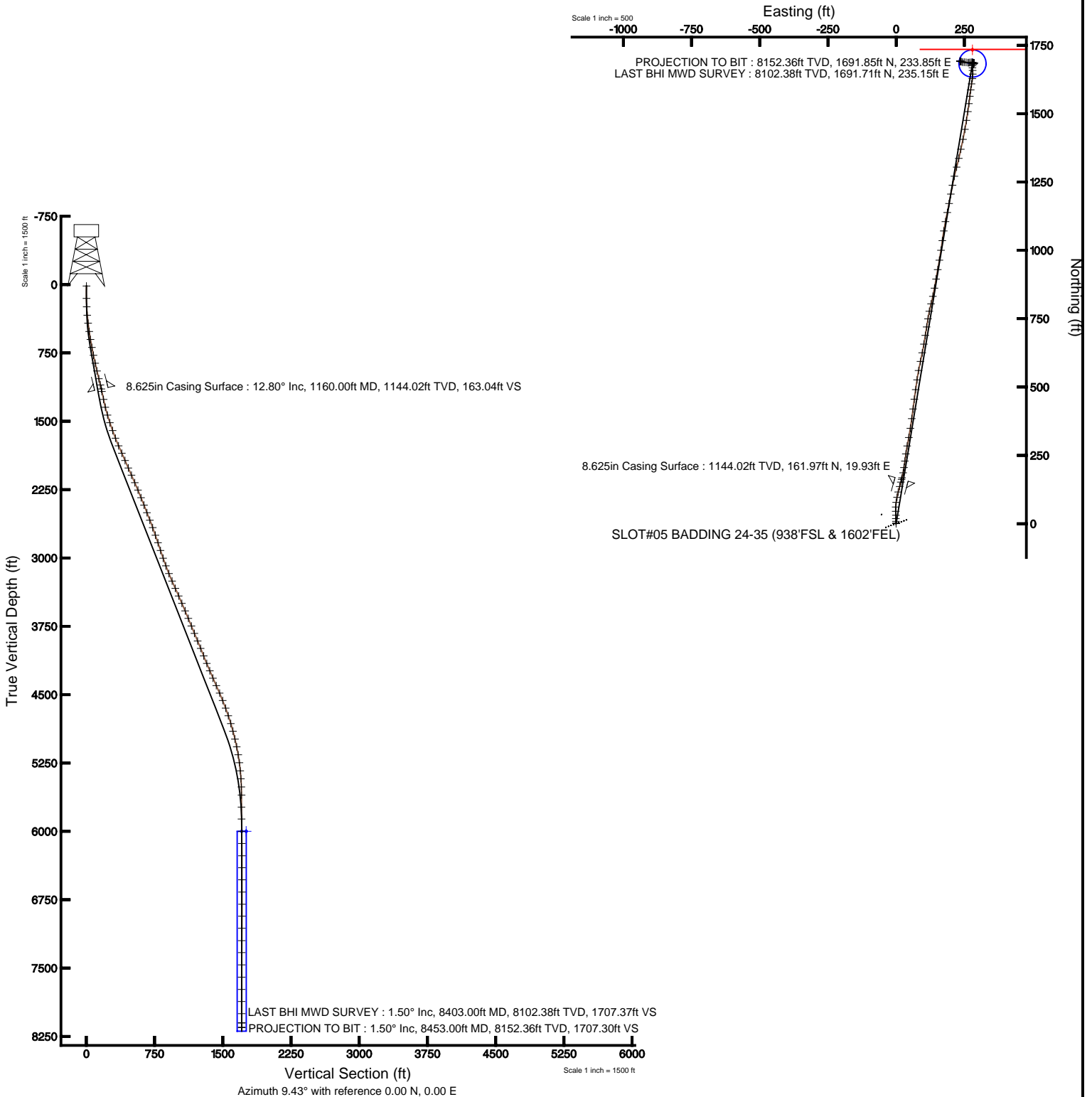


# KERR MCGEE OIL & GAS ONSHORE LP

Location: COLORADO Slot: SLOT#05 BADDING 24-35 (938'FSL & 1602'FEL)  
 Field: WELD COUNTY (KERR MCGEE) Well: BADDING 24-35  
 Facility: SEC.35-T2N-R66W Wellbore: BADDING 24-35 PWB



Plot reference wellbore is BADDING 24-35 (REV:8.1) PWP	
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: 6100 feet	Scale: True distance
Mean Sea Level to Mud line (At Slot: SLOT#05 BADDING 24-35 (938'FSL & 1602'FEL)): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: cookidorn on 6/28/2011





# Actual Wellpath Report

BADDING 24-35 awp

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## REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#05 BADDING 24-35 (938'FSL & 1602'FEL)
Area	COLORADO	Well	BADDING 24-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 24-35 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	Cookdannm
Scale	0.999961	Report Generated	6/28/2011 at 10:30:30 AM
Convergence at slot	0.49° East	Database/Source file	WA_DENVER/BADDING_24-35_awb.xml

## WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	13.48	37.77	3212474.71	1276518.17	40°05'23.770"N	104°44'26.041"W
Facility Reference Pt			3212437.05	1276504.37	40°05'23.636"N	104°44'26.527"W
Field Reference Pt			<b>3197771.84</b>	<b>1268891.29</b>	40°04'09.600"N	104°47'36.000"W

## WELLPATH DATUM

Calculation method	Minimum curvature	XTREME 15 (RKB) to Facility Vertical Datum	5100.00ft
Horizontal Reference Pt	Slot	XTREME 15 (RKB) to Mean Sea Level	5100.00ft
Vertical Reference Pt	XTREME 15 (RKB)	XTREME 15 (RKB) to Mud Line at Slot (SLOT#05 BADDING 24-35 (938'FSL & 1602'FEL))	5100.00ft
MD Reference Pt	XTREME 15 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	9.43°



# Actual Wellpath Report

BADDING 24-35 awp

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Area	COLORADO	Well	BADDING 24-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 24-35 awb
Facility	SEC.35-T2N-R66W		

## WELLPATH DATA (88 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	310.500	0.00	0.00	0.00	0.00	0.00	
15.00	0.000	310.500	15.00	0.00	0.00	0.00	0.00	
151.00	0.100	310.500	151.00	0.06	0.08	-0.09	0.07	
243.00	2.400	355.100	242.97	1.97	2.05	-0.32	2.53	
336.00	5.500	353.300	335.74	8.14	8.42	-1.00	3.34	
424.00	7.300	4.200	423.19	17.76	18.18	-1.08	2.46	
516.00	8.500	358.300	514.32	30.25	30.81	-0.86	1.57	
604.00	9.800	356.500	601.20	43.93	44.78	-1.51	1.51	
693.00	11.100	1.800	688.72	59.81	60.91	-1.70	1.82	
781.00	11.400	9.900	775.03	76.90	77.94	0.06	1.83	
870.00	12.900	9.500	862.04	95.63	96.41	3.21	1.69	
957.00	13.100	14.800	946.81	115.16	115.52	7.33	1.39	
1045.00	14.400	15.500	1032.29	135.97	135.71	12.80	1.49	
1115.00	13.600	14.800	1100.21	152.82	152.05	17.23	1.17	
1188.00	12.300	16.200	1171.35	169.09	167.82	21.60	1.83	
1278.00	11.800	9.200	1259.37	187.81	186.11	25.74	1.71	
1366.00	13.700	8.100	1345.20	207.23	205.31	28.65	2.18	
1456.00	16.800	8.100	1432.02	230.89	228.74	31.98	3.44	
1544.00	18.600	7.400	1515.85	257.63	255.25	35.58	2.06	
1634.00	19.600	10.900	1600.90	287.07	284.31	40.29	1.69	
1724.00	21.400	11.300	1685.19	318.57	315.24	46.36	2.01	
1814.00	23.300	8.500	1768.43	352.78	348.95	52.21	2.42	
1903.00	24.100	7.400	1849.92	388.54	384.38	57.15	1.03	
1991.00	23.700	8.100	1930.38	424.18	419.70	61.96	0.56	
2080.00	23.700	7.400	2011.87	459.94	455.15	66.78	0.32	
2167.00	24.300	8.100	2091.35	495.31	490.21	71.55	0.76	
2257.00	23.100	8.100	2173.76	531.47	526.02	76.65	1.33	
2345.00	23.200	10.600	2254.68	566.06	560.15	82.27	1.12	
2435.00	21.500	13.000	2337.91	600.25	593.65	89.24	2.14	
2523.00	21.200	10.200	2419.88	632.26	625.02	95.69	1.21	
2612.00	21.500	10.600	2502.77	664.65	656.89	101.54	0.37	
2701.00	21.000	8.500	2585.72	696.90	688.70	106.90	1.02	
2788.00	21.000	9.500	2666.94	728.08	719.49	111.77	0.41	
2876.00	19.100	9.500	2749.60	758.25	749.24	116.75	2.16	
2964.00	18.500	10.900	2832.91	786.60	777.15	121.77	0.85	
3053.00	17.900	15.800	2917.46	814.31	804.18	128.16	1.85	
3143.00	18.900	10.900	3002.86	842.63	831.81	134.69	2.05	
3232.00	21.100	10.600	3086.49	873.06	861.71	140.36	2.47	
3323.00	22.700	9.900	3170.92	907.00	895.11	146.39	1.78	
3412.00	23.300	9.900	3252.85	941.77	929.37	152.37	0.67	
3500.00	23.900	10.200	3333.49	977.00	964.06	158.52	0.70	
3591.00	23.700	8.100	3416.75	1013.72	1000.31	164.36	0.96	
3680.00	23.600	7.800	3498.27	1049.41	1035.67	169.30	0.18	
3769.00	23.500	9.500	3579.86	1084.96	1070.82	174.65	0.77	
3859.00	22.200	10.600	3662.80	1119.91	1105.23	180.74	1.52	



# Actual Wellpath Report

BADDING 24-35 awp

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## REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#05 BADDING 24-35 (938'FSL & 1602'FEL)
Area	COLORADO	Well	BADDING 24-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 24-35 awb
Facility	SEC.35-T2N-R66W		

## WELLPATH DATA (88 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
3949.00	22.000	12.000	3746.19	1153.75	1138.43	187.37	0.63	
4037.00	22.600	10.900	3827.60	1187.12	1171.16	193.99	0.83	
4128.00	22.800	10.600	3911.56	1222.23	1205.66	200.54	0.25	
4215.00	22.100	9.900	3991.96	1255.44	1238.35	206.46	0.86	
4304.00	22.100	14.100	4074.43	1288.87	1271.08	213.42	1.78	
4394.00	22.800	14.400	4157.61	1323.12	1304.40	221.88	0.79	
4481.00	22.100	12.300	4238.01	1356.26	1336.71	229.56	1.22	
4569.00	23.400	13.400	4319.17	1390.23	1369.89	237.13	1.55	
4659.00	25.500	11.600	4401.09	1427.42	1406.25	245.17	2.48	
4749.00	23.100	10.200	4483.11	1464.44	1442.61	252.19	2.74	
4837.00	21.400	9.200	4564.56	1497.76	1475.45	257.82	1.98	
4927.00	20.900	8.500	4648.49	1530.23	1507.54	262.82	0.62	
5015.00	18.500	7.100	4731.34	1559.88	1536.92	266.86	2.78	
5105.00	16.600	7.100	4817.15	1586.99	1563.85	270.22	2.11	
5192.00	14.900	7.800	4900.88	1610.59	1587.27	273.27	1.97	
5281.00	13.700	9.200	4987.12	1632.57	1609.01	276.51	1.40	
5369.00	11.900	8.500	5072.93	1652.06	1628.27	279.52	2.05	
5458.00	10.000	0.400	5160.31	1668.87	1645.08	280.93	2.74	
5546.00	7.100	354.000	5247.32	1681.66	1658.13	280.41	3.46	
5635.00	5.400	0.000	5335.79	1691.10	1667.79	279.84	2.04	
5723.00	4.600	6.300	5423.46	1698.71	1675.43	280.22	1.10	
5813.00	1.900	17.200	5513.30	1703.79	1680.45	281.06	3.06	
5902.00	0.300	129.700	5602.29	1705.13	1681.71	281.68	2.29	
6034.00	0.600	108.300	5734.28	1704.85	1681.27	282.60	0.26	
6165.00	0.700	16.200	5865.28	1705.54	1681.82	283.47	0.72	
6300.00	0.700	54.200	6000.27	1706.95	1683.10	284.37	0.34	
6434.00	1.100	42.200	6134.25	1708.61	1684.53	285.90	0.33	
6568.00	0.300	280.200	6268.24	1709.70	1685.54	286.42	0.96	
6700.00	0.300	284.400	6400.24	1709.73	1685.69	285.74	0.02	
6832.00	1.200	296.700	6532.23	1710.17	1686.40	284.17	0.69	
6967.00	1.300	286.900	6667.20	1710.79	1687.48	281.45	0.17	
7100.00	1.100	264.000	6800.17	1710.64	1687.78	278.73	0.39	
7231.00	1.800	281.300	6931.13	1710.38	1688.06	275.46	0.62	
7364.00	2.400	256.300	7064.04	1709.35	1687.81	270.71	0.81	
7500.00	1.500	258.400	7199.96	1707.59	1686.77	266.20	0.66	
7631.00	2.200	282.700	7330.89	1707.12	1686.98	262.07	0.79	
7766.00	2.600	280.900	7465.77	1707.35	1688.13	256.53	0.30	
7901.00	2.500	265.100	7600.64	1706.70	1688.46	250.59	0.52	
8036.00	2.100	272.800	7735.53	1705.68	1688.33	245.19	0.37	
8169.00	1.800	299.600	7868.46	1706.12	1689.48	240.94	0.71	
8302.00	1.400	291.800	8001.41	1707.19	1691.11	237.61	0.34	
8403.00	1.500	276.000	8102.38	1707.37	1691.71	235.15	0.41	LAST BHI MWD SURVEY
8453.00	1.500	276.000	8152.36	1707.30	1691.85	233.85	0.00	PROJECTION TO BIT



# Actual Wellpath Report

BADDING 24-35 awp

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## REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#05 BADDING 24-35 (938'FSL & 1602'FEL)
Area	COLORADO	Well	BADDING 24-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 24-35 awb
Facility	SEC.35-T2N-R66W		

## HOLE & CASING SECTIONS - Ref Wellbore: BADDING 24-35 awb Ref Wellpath: BADDING 24-35 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	1170.00	1155.00	15.00	1153.77	0.00	0.00	164.08	20.52
8.625in Casing Surface	15.00	1160.00	1145.00	15.00	1144.02	0.00	0.00	161.97	19.93
7.875in Open Hole	1160.00	8453.00	7293.00	1144.02	8152.36	161.97	19.93	1691.85	233.85

## TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
BADDING 24-35 GEO TARGET 50' RADIUS (2620'FSL & 1320'FEL, REV-1)		6000.00	1683.76	279.78	3212740.04	1278204.20	40°05'40.409"N	104°44'22.441"W	circle
BADDING 24-35 HARDLINE 50'N OF GEO TARGET		6000.00	1733.76	279.78	3212739.61	1278254.19	40°05'40.903"N	104°44'22.441"W	point

## WELLPATH COMPOSITION - Ref Wellbore: BADDING 24-35 awb Ref Wellpath: BADDING 24-35 awp

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
15.00	1045.00	NaviTrak (Standard)	BHI MWD SURVEYS 12.25 HOLE <151-1045>	BADDING 24-35 awb
1045.00	8403.00	NaviTrak (Standard)	BHI MWD SURVEYS 7.875 HOLE <1115-8403>	BADDING 24-35 awb
8403.00	8453.00	Blind Drilling (std)	Projection to bit	BADDING 24-35 awb



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Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 24-35 awb
Facility	SEC.35-T2N-R66W		

## WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
8403.00	1.500	276.000	8102.38	LAST BHI MWD SURVEY
8453.00	1.500	276.000	8152.36	PROJECTION TO BIT