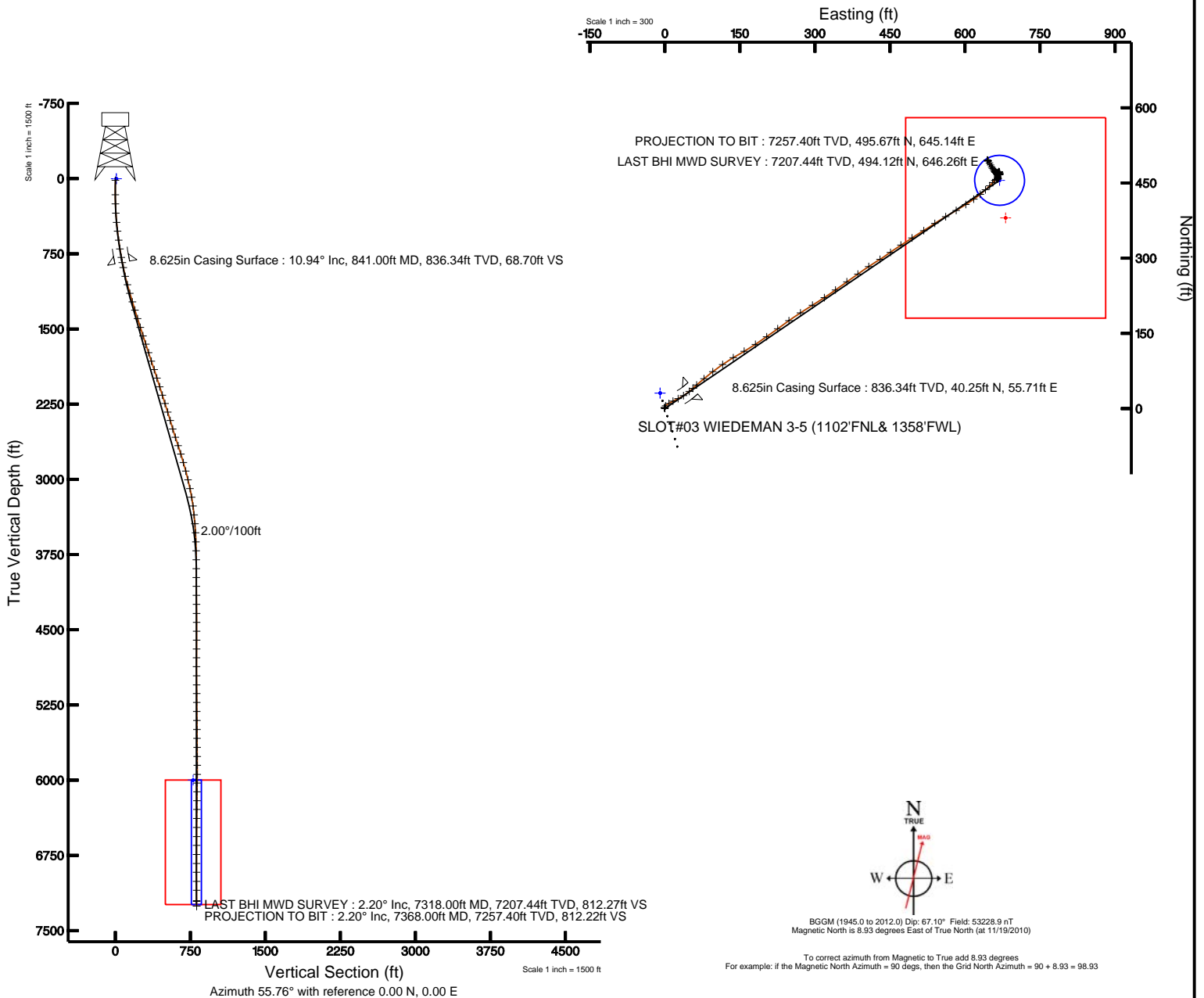


# KERR MCGEE OIL & GAS ONSHORE LP

Location: COLORADO Slot: SLOT#03 WIEDEMAN 3-5 (1102'FNL& 1358'FWL)  
 Field: WELD COUNTY (KERR MCGEE) Well: WIEDEMAN 3-5  
 Facility: SEC.05-T5N-R66W Wellbore: WIEDEMAN 3-5 PWB

Plot reference wellpath is WIEDEMAN 3-5 (REV-A.0) PWB	
True vertical depths are referenced to XTREME 6 (RKB)	Grid System: NAD83 / Lambert Colorado State Planes, Northern Zone (501), US feet
Measured depths are referenced to XTREME 6 (RKB)	North Reference: True north
XTREME 6 (RKB) to Mean Sea Level: 4768 feet	Scale: True distance
Mean Sea Level to Mud line (Facility: SEC.05-T5N-R66W): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: cookdarn on 1/14/2011





# Actual Wellpath Report

WIEDEMAN 3-5 AWP

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INTEQ

## REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#03 WIEDEMAN 3-5 (1102'FNL& 1358'FWL)
Area	COLORADO	Well	WIEDEMAN 3-5
Field	WELD COUNTY (KERR MCGEE)	Wellbore	WIEDEMAN 3-5 AWB
Facility	SEC.05-T5N-R66W		

## REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Colorado State Planes, Northern Zone (501), US feet	Software System	WellArchitect® 2.0
North Reference	True	User	Cookdanm
Scale	0.999962	Report Generated	1/14/2011 at 11:05:33 AM
Convergence at slot	0.45° East	Database/Source file	Denver Server/WIEDEMAN_3-5_AWB.xml

## WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	-30.60	9.74	3192921.23	1401727.75	40°26'02.670"N	104°48'25.038"W
Facility Reference Pt			3192911.25	1401758.28	40°26'02.972"N	104°48'25.164"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 6 (RKB) to Facility Vertical Datum	4768.00ft
Horizontal Reference Pt	Slot	XTREME 6 (RKB) to Mean Sea Level	4768.00ft
Vertical Reference Pt	XTREME 6 (RKB)	Facility Vertical Datum to Mud Line (Facility)	0.00ft
MD Reference Pt	XTREME 6 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	55.76°



# Actual Wellpath Report

WIEDEMAN 3-5 AWP

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INTEQ

## REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#03 WIEDEMAN 3-5 (1102'FNL& 1358'FWL)
Area	COLORADO	Well	WIEDEMAN 3-5
Field	WELD COUNTY (KERR MCGEE)	Wellbore	WIEDEMAN 3-5 AWB
Facility	SEC.05-T5N-R66W		

## WELLPATH DATA (84 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	302.100	0.00	0.00	0.00	0.00	0.00	
16.00	0.000	302.100	16.00	0.00	0.00	0.00	0.00	
160.00	0.900	302.100	159.99	-0.45	0.60	-0.96	0.63	
251.00	1.300	16.000	250.98	0.05	1.97	-1.28	1.50	
344.00	3.900	44.100	343.88	3.96	5.26	1.21	3.03	
437.00	6.100	59.700	436.52	11.99	10.02	7.68	2.76	
524.00	6.500	62.700	523.00	21.49	14.61	16.05	0.60	
615.00	7.800	64.800	613.29	32.70	19.61	26.21	1.46	
703.00	8.400	57.500	700.41	45.02	25.60	37.04	1.35	
790.00	10.500	50.100	786.23	59.27	34.10	48.48	2.78	
893.00	11.400	48.300	887.36	78.70	46.90	63.28	0.93	
982.00	13.700	50.800	974.22	97.92	59.41	78.02	2.65	
1069.00	16.100	52.200	1058.29	120.23	73.32	95.54	2.79	
1158.00	15.800	55.700	1143.87	144.66	87.71	115.30	1.13	
1247.00	17.200	58.900	1229.20	169.92	101.33	136.58	1.87	
1333.00	17.100	60.000	1311.38	195.23	114.22	158.41	0.39	
1422.00	17.300	57.000	1396.40	221.51	127.97	180.84	1.02	
1513.00	17.300	55.000	1483.28	248.56	143.10	203.28	0.65	
1602.00	18.500	53.200	1567.98	275.90	159.15	225.42	1.48	
1690.00	18.300	55.700	1651.48	303.67	175.30	248.02	0.93	
1779.00	18.100	56.400	1736.03	331.46	190.83	271.07	0.33	
1868.00	19.100	58.200	1820.38	359.84	206.15	294.96	1.30	
1957.00	17.700	57.000	1904.82	387.91	221.19	318.69	1.63	
2046.00	17.800	54.000	1989.59	415.04	236.56	341.04	1.03	
2137.00	18.100	55.000	2076.16	443.07	252.84	363.87	0.47	
2225.00	17.400	55.000	2159.97	469.90	268.23	385.85	0.80	
2312.00	17.900	55.300	2242.88	496.28	283.30	407.50	0.58	
2402.00	16.700	59.600	2328.81	523.01	297.72	430.02	1.95	
2490.00	16.500	53.900	2413.14	548.12	311.48	451.03	1.86	
2578.00	17.100	55.700	2497.39	573.55	326.14	471.81	0.90	
2665.00	18.200	59.200	2580.29	599.90	340.30	494.05	1.76	
2753.00	18.500	57.500	2663.82	627.57	354.84	517.63	0.70	
2840.00	16.900	56.000	2746.70	654.02	369.33	539.76	1.91	
2929.00	16.400	60.300	2831.97	679.48	382.79	561.40	1.49	
3018.00	15.500	58.500	2917.54	703.88	395.23	582.45	1.15	
3108.00	13.600	57.800	3004.65	726.47	407.15	601.66	2.12	
3197.00	11.300	54.600	3091.56	745.65	417.78	617.62	2.70	
3285.00	9.900	51.800	3178.05	761.82	427.45	630.60	1.69	
3374.00	8.000	46.200	3265.97	775.56	436.47	641.08	2.35	
3463.00	6.700	45.100	3354.23	786.77	444.42	649.23	1.47	
3552.00	4.800	44.400	3442.78	795.52	450.75	655.51	2.14	
3642.00	3.000	48.300	3532.57	801.55	455.01	659.91	2.02	
3733.00	1.400	67.300	3623.50	805.00	457.02	662.71	1.91	
3822.00	1.700	74.300	3712.47	807.32	457.80	664.98	0.40	
3912.00	0.400	322.200	3802.46	808.56	458.41	666.08	2.10	



# Actual Wellpath Report

WIEDEMAN 3-5 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION			
Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#03 WIEDEMAN 3-5 (1102'FNL& 1358'FWL)
Area	COLORADO	Well	WIEDEMAN 3-5
Field	WELD COUNTY (KERR MCGEE)	Wellbore	WIEDEMAN 3-5 AWB
Facility	SEC.05-T5N-R66W		

WELLPATH DATA (84 stations)								Comments
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	
4001.00	0.300	354.900	3891.45	808.66	458.89	665.86	0.25	
4089.00	0.600	350.000	3979.45	808.96	459.57	665.76	0.34	
4177.00	1.100	357.700	4067.44	809.60	460.87	665.65	0.58	
4266.00	1.000	354.900	4156.43	810.43	462.49	665.55	0.13	
4356.00	1.400	347.100	4246.41	811.21	464.35	665.23	0.48	
4447.00	1.300	343.600	4337.38	811.93	466.42	664.69	0.14	
4536.00	1.200	332.300	4426.36	812.34	468.21	663.97	0.30	
4625.00	1.200	327.100	4515.34	812.47	469.82	663.03	0.12	
4713.00	1.300	321.100	4603.32	812.41	471.37	661.91	0.19	
4802.00	1.000	303.500	4692.30	812.04	472.59	660.63	0.52	
4889.00	0.400	211.100	4779.30	811.47	472.75	659.84	1.26	
4978.00	1.800	134.100	4868.28	811.47	471.51	660.68	1.97	
5069.00	1.500	128.800	4959.24	812.11	469.77	662.63	0.37	
5160.00	1.100	124.200	5050.22	812.78	468.53	664.28	0.45	
5247.00	0.600	127.100	5137.21	813.23	467.79	665.34	0.58	
5336.00	0.800	142.500	5226.20	813.41	467.01	666.09	0.31	
5425.00	1.000	98.900	5315.19	814.02	466.40	667.23	0.78	
5515.00	0.700	98.200	5405.18	815.00	466.20	668.55	0.33	
5605.00	0.500	24.400	5495.18	815.74	466.48	669.26	0.82	
5694.00	0.800	14.000	5584.17	816.53	467.43	669.57	0.36	
5784.00	1.100	353.500	5674.16	817.40	468.90	669.63	0.50	
5875.00	1.100	349.200	5765.14	818.16	470.63	669.36	0.09	
5962.00	1.100	332.000	5852.13	818.58	472.19	668.81	0.38	
6053.00	0.800	249.800	5943.12	818.06	472.74	667.81	1.39	
6140.00	0.900	215.300	6030.11	816.83	471.97	666.84	0.59	
6227.00	1.100	166.400	6117.10	815.89	470.60	666.64	0.97	
6316.00	0.400	183.000	6206.09	815.41	469.46	666.83	0.82	
6403.00	0.700	277.900	6293.09	814.83	469.23	666.29	0.96	
6493.00	1.000	282.100	6383.08	813.88	469.47	664.97	0.34	
6583.00	1.200	306.000	6473.06	813.02	470.19	663.44	0.55	
6674.00	1.700	310.200	6564.03	812.33	471.62	661.64	0.56	
6762.00	2.200	315.500	6651.98	811.68	473.67	659.46	0.60	
6853.00	2.500	320.400	6742.90	811.18	476.44	656.97	0.40	
6943.00	2.000	331.300	6832.83	811.15	479.33	654.97	0.73	
7030.00	2.500	329.000	6919.77	811.41	482.29	653.26	0.58	
7121.00	2.900	334.000	7010.67	811.85	486.06	651.23	0.51	
7210.00	3.000	327.500	7099.55	812.24	490.05	648.99	0.39	
7318.00	2.200	324.300	7207.44	812.27	494.12	646.26	0.75	LAST BHI MWD SURVEY
7368.00	2.200	324.300	7257.40	812.22	495.67	645.14	0.00	PROJECTION TO BIT



# Actual Wellpath Report

WIEDEMAN 3-5 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION			
Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#03 WIEDEMAN 3-5 (1102'FNL& 1358'FWL)
Area	COLORADO	Well	WIEDEMAN 3-5
Field	WELD COUNTY (KERR MCGEE)	Wellbore	WIEDEMAN 3-5 AWB
Facility	SEC.05-T5N-R66W		

HOLE & CASING SECTIONS Ref Wellbore: WIEDEMAN 3-5 AWB Ref Wellpath: WIEDEMAN 3-5 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	16.00	851.00	835.00	16.00	846.16	0.00	0.00	41.50	57.15
8.625in Casing Surface	16.00	841.00	825.00	16.00	836.34	0.00	0.00	40.25	55.71
7.875in Open Hole	841.00	7360.00	6519.00	836.34	7249.41	40.25	55.71	495.42	645.32

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
WIEDEMAN 18-5 PAD QUARTER SECTION LINES		0.00	30.60	-9.74	3192911.25	1401758.28	40°26'02.972"N	104°48'25.164"W	polygon
WIEDEMAN 18-5 PAD SECTION LINES		0.00	30.60	-9.74	3192911.25	1401758.28	40°26'02.972"N	104°48'25.164"W	polygon
WIEDEMAN 3-5 GEO TARGET 50' RADIUS (660'FNL & 1980'FWL, REV-1)		6000.00	455.40	669.22	3193586.84	1402188.35	40°26'07.170"N	104°48'16.384"W	circle
WIEDEMAN 3-5 LEGAL BOX (125'N,275'S,212'E,188'W OF THE GEO TARGET)		6000.00	380.40	681.43	3193599.64	1402113.45	40°26'06.429"N	104°48'16.226"W	square

WELLPATH COMPOSITION Ref Wellbore: WIEDEMAN 3-5 AWB Ref Wellpath: WIEDEMAN 3-5 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
16.00	790.00	NaviTrak (Standard)	BHI MWD SURVEYS 12.25 HOLE <160-790>	WIEDEMAN 3-5 AWB
790.00	7318.00	NaviTrak (Standard)	BHI MWD SURVEYS 7.875 HOLE <893-7318>	WIEDEMAN 3-5 AWB
7318.00	7368.00	Blind Drilling (std)	Projection to bit	WIEDEMAN 3-5 AWB



# Actual Wellpath Report

WIEDEMAN 3-5 AWP

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INTEQ

## REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#03 WIEDEMAN 3-5 (1102'FNL& 1358'FWL)
Area	COLORADO	Well	WIEDEMAN 3-5
Field	WELD COUNTY (KERR MCGEE)	Wellbore	WIEDEMAN 3-5 AWB
Facility	SEC.05-T5N-R66W		

## WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
7318.00	2.200	324.300	7207.44	LAST BHI MWD SURVEY
7368.00	2.200	324.300	7257.40	PROJECTION TO BIT