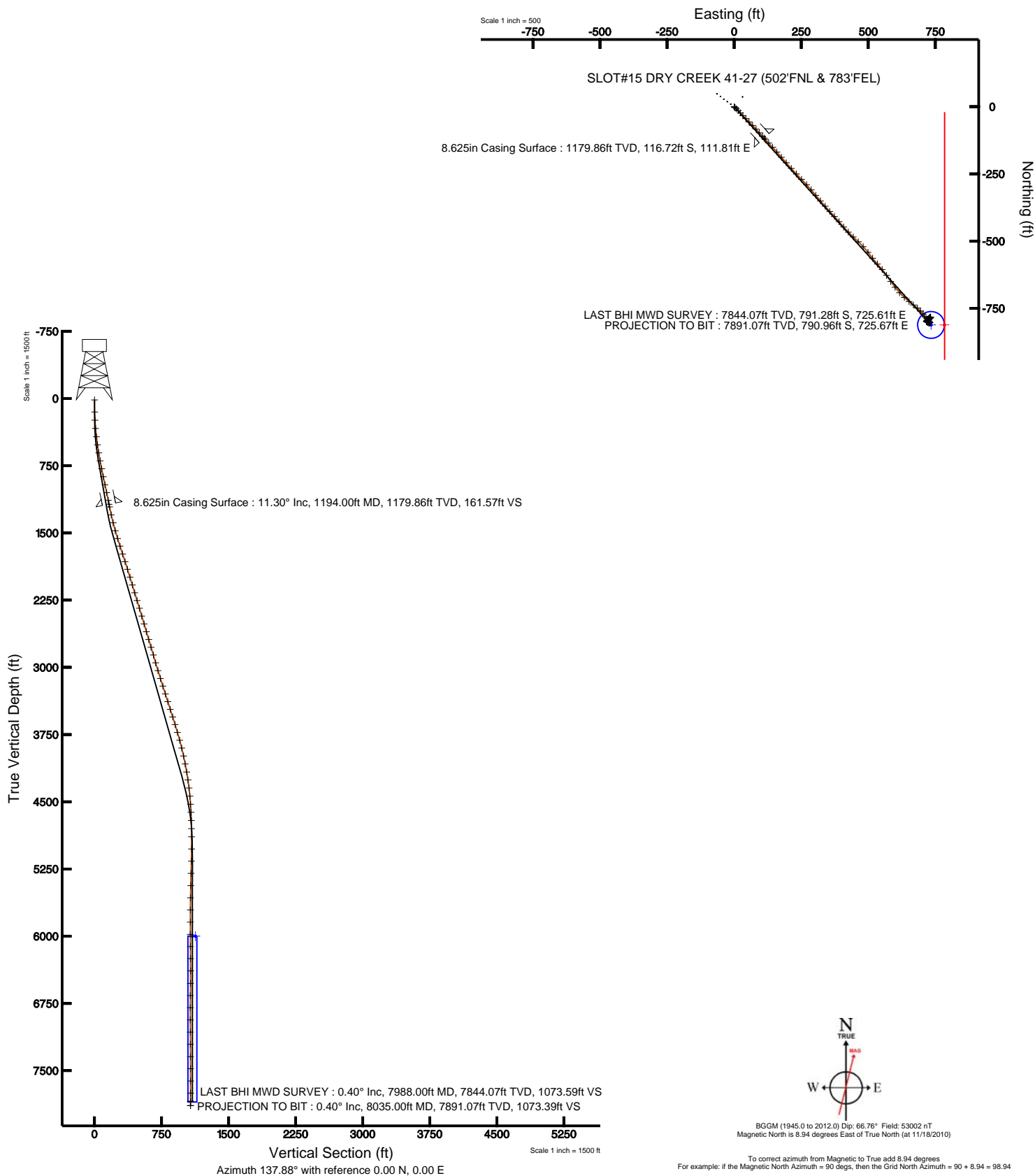


# KERR MCGEE OIL & GAS ONSHORE LP

Location: COLORADO Slot: SLOT#15 DRY CREEK 41-27 (502'FNL & 783'FEL)  
 Field: WELD COUNTY (KERR MCGEE) Well: DRY CREEK 41-27  
 Facility: SEC.27-T1N-R67W Wellbore: DRY CREEK 41-27 PWB



Plot reference wellpath is DRY CREEK 41-27 (REV-8.0) PWB	Grid System: NAD83 / Lambert Colorado State Planes, Northern Zone (501), US feet
True vertical depths are referenced to XTREME 12 (RKB)	North Reference: True north
Measured depths are referenced to XTREME 12 (RKB)	Scale: True distance
XTREME 12 (RKB) to Mean Sea Level: 5000 feet	Depths are in feet
Mean Sea Level to Mud line (Facility: SEC.27-T1N-R67W): 0 feet	Created by: cookdamm on 12/29/2010
Coordinates are in feet referenced to Slot	





# Actual Wellpath Report

DRY CREEK 41-27 AWP

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INTEQ

## REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#15 DRY CREEK 41-27 (502'FNL & 783'FEL)
Area	COLORADO	Well	DRY CREEK 41-27
Field	WELD COUNTY (KERR MCGEE)	Wellbore	DRY CREEK 41-27 AWB
Facility	SEC.27-T1N-R67W		

## 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	0.999964	Report Generated	12/29/2010 at 3:14:36 PM
Convergence at slot	0.41° East	Database/Source file	Denver Server/DRY_CREEK_41-27_AWB.xml

## WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	673.79	3312.42	3176405.51	1253665.45	40°01'40.724"N	104°52'12.223"W
Facility Reference Pt			3173097.99	1252968.61	40°01'34.068"N	104°52'54.804"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 12 (RKB) to Facility Vertical Datum	5009.00ft
Horizontal Reference Pt	Slot	XTREME 12 (RKB) to Mean Sea Level	5009.00ft
Vertical Reference Pt	XTREME 12 (RKB)	Facility Vertical Datum to Mud Line (Facility)	0.00ft
MD Reference Pt	XTREME 12 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	137.88°



# Actual Wellpath Report

DRY CREEK 41-27 AWP

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INTEQ

## REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#15 DRY CREEK 41-27 (502'FNL & 783'FEL)
Area	COLORADO	Well	DRY CREEK 41-27
Field	WELD COUNTY (KERR MCGEE)	Wellbore	DRY CREEK 41-27 AWB
Facility	SEC.27-T1N-R67W		

## WELLPATH DATA (80 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	136.200	0.00	0.00	0.00	0.00	0.00	
15.00	0.000	136.200	15.00	0.00	0.00	0.00	0.00	
150.00	1.100	136.200	149.99	1.30	-0.94	0.90	0.81	
242.00	2.900	131.000	241.93	4.49	-3.10	3.26	1.96	
334.00	5.600	130.600	333.67	11.25	-7.55	8.43	2.93	
427.00	6.600	138.000	426.14	21.10	-14.47	15.45	1.37	
517.00	8.000	138.000	515.41	32.53	-22.97	23.10	1.56	
608.00	9.400	135.200	605.36	46.29	-32.95	32.58	1.61	
699.00	10.600	136.200	694.98	62.08	-44.27	43.61	1.33	
789.00	11.400	134.500	783.33	79.23	-56.47	55.68	0.96	
880.00	12.000	135.900	872.43	97.67	-69.57	68.68	0.73	
971.00	11.900	136.200	961.46	116.50	-83.14	81.76	0.13	
1062.00	11.900	138.700	1050.51	135.26	-96.96	94.44	0.57	
1149.00	11.300	139.000	1135.73	152.75	-110.13	105.96	0.69	
1224.00	11.300	137.000	1209.28	167.44	-121.05	115.79	0.52	
1315.00	13.000	136.000	1298.23	186.59	-134.93	128.98	1.88	
1406.00	14.400	138.300	1386.64	208.14	-150.75	143.62	1.65	
1497.00	15.800	139.000	1474.50	231.84	-168.54	159.27	1.55	
1588.00	17.300	138.700	1561.73	257.76	-188.06	176.33	1.65	
1678.00	18.000	138.700	1647.49	285.04	-208.56	194.34	0.78	
1769.00	18.000	138.000	1734.04	313.16	-229.57	213.03	0.24	
1860.00	17.800	136.200	1820.63	341.12	-250.06	232.07	0.65	
1950.00	18.300	136.600	1906.20	369.00	-270.26	251.30	0.57	
2041.00	16.800	137.000	1992.96	396.43	-290.26	270.08	1.65	
2132.00	16.200	139.400	2080.22	422.27	-309.51	287.31	1.00	
2223.00	17.500	140.100	2167.31	448.64	-329.65	304.35	1.45	
2314.00	17.300	139.400	2254.15	475.83	-350.42	321.93	0.32	
2404.00	16.800	138.000	2340.19	502.22	-370.24	339.34	0.72	
2495.00	16.400	138.300	2427.40	528.22	-389.61	356.69	0.45	
2586.00	16.100	136.200	2514.76	553.67	-408.31	373.97	0.72	
2677.00	17.300	140.000	2601.93	579.81	-427.78	391.40	1.78	
2767.00	16.600	138.700	2688.02	606.04	-447.69	408.49	0.88	
2858.00	16.100	136.200	2775.34	631.65	-466.56	425.80	0.95	
2949.00	16.900	132.700	2862.59	657.43	-484.64	444.25	1.40	
3040.00	16.100	134.500	2949.84	683.20	-502.46	462.98	1.04	
3131.00	17.000	136.200	3037.07	709.10	-520.90	481.18	1.12	
3222.00	18.100	142.000	3123.84	736.50	-541.64	499.10	2.27	
3312.00	18.100	142.900	3209.39	764.37	-563.81	516.14	0.31	
3403.00	17.800	136.600	3295.97	792.36	-585.19	534.22	2.16	
3494.00	17.100	141.100	3382.78	819.62	-605.71	552.18	1.67	
3584.00	18.100	146.100	3468.57	846.67	-627.62	568.29	2.01	
3673.00	17.900	143.900	3553.22	873.96	-650.14	584.06	0.80	
3763.00	17.200	142.900	3639.03	900.97	-671.93	600.23	0.85	
3854.00	16.400	138.000	3726.15	927.22	-692.21	616.95	1.79	
3945.00	15.700	131.300	3813.61	952.30	-709.89	634.80	2.17	



# Actual Wellpath Report

DRY CREEK 41-27 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION			
Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#15 DRY CREEK 41-27 (502'FNL & 783'FEL)
Area	COLORADO	Well	DRY CREEK 41-27
Field	WELD COUNTY (KERR MCGEE)	Wellbore	DRY CREEK 41-27 AWB
Facility	SEC.27-T1N-R67W		

WELLPATH DATA (80 stations)								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
4035.00	14.000	129.900	3900.60	975.18	-724.91	652.30	1.93	
4126.00	12.400	126.000	3989.19	995.64	-737.71	668.65	2.01	
4217.00	11.100	128.500	4078.29	1013.85	-748.91	683.41	1.53	
4308.00	10.000	139.400	4167.76	1030.39	-760.36	695.41	2.50	
4398.00	9.000	142.500	4256.52	1045.22	-771.88	704.78	1.25	
4489.00	6.200	143.600	4346.71	1057.21	-781.49	712.03	3.08	
4580.00	5.300	130.000	4437.26	1066.26	-788.14	718.16	1.79	
4671.00	4.000	141.800	4527.96	1073.59	-793.34	723.35	1.77	
4761.00	3.200	144.600	4617.78	1079.22	-797.85	726.74	0.91	
4852.00	1.400	149.200	4708.70	1082.83	-800.88	728.78	1.99	
4943.00	1.000	161.500	4799.68	1084.65	-802.59	729.60	0.52	
5034.00	0.600	210.700	4890.68	1085.52	-803.75	729.61	0.83	
5170.00	1.000	247.700	5026.66	1085.32	-804.81	728.15	0.47	
5307.00	1.700	289.500	5163.63	1083.13	-804.59	725.13	0.85	
5443.00	1.500	310.200	5299.58	1079.59	-802.76	721.87	0.45	
5579.00	1.900	296.900	5435.52	1075.72	-800.60	718.50	0.41	
5715.00	0.600	25.500	5571.49	1073.35	-798.93	716.79	1.45	
5851.00	1.200	33.200	5707.47	1072.71	-797.10	717.88	0.45	
5987.00	1.600	29.300	5843.43	1071.75	-794.25	719.59	0.30	
6123.00	1.400	52.500	5979.38	1071.28	-791.58	721.84	0.47	
6259.00	1.500	75.700	6115.34	1072.24	-790.13	724.88	0.43	
6395.00	1.900	58.200	6251.28	1073.48	-788.51	728.52	0.48	
6532.00	1.600	58.200	6388.22	1074.23	-786.30	732.08	0.22	
6671.00	1.500	340.100	6527.18	1072.89	-783.57	733.11	1.41	
6807.00	0.700	228.000	6663.16	1071.24	-782.45	731.88	1.38	
6943.00	0.900	222.300	6799.15	1071.34	-783.79	730.55	0.16	
7079.00	0.900	226.000	6935.13	1071.48	-785.33	729.06	0.04	
7215.00	0.900	221.000	7071.12	1071.64	-786.87	727.59	0.06	
7351.00	1.000	211.400	7207.10	1072.11	-788.69	726.27	0.14	
7488.00	0.700	211.800	7344.08	1072.68	-790.43	725.21	0.22	
7623.00	0.400	174.900	7479.08	1073.28	-791.60	724.82	0.33	
7760.00	0.300	84.000	7616.08	1073.88	-792.03	725.21	0.37	
7896.00	0.200	357.000	7752.08	1073.90	-791.76	725.56	0.26	
7988.00	0.400	11.000	7844.07	1073.59	-791.28	725.61	0.23	LAST BHI MWD SURVEY
8035.00	0.400	11.000	7891.07	1073.39	-790.96	725.67	0.00	PROJECTION TO BIT



# Actual Wellpath Report

DRY CREEK 41-27 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION			
Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#15 DRY CREEK 41-27 (502'FNL & 783'FEL)
Area	COLORADO	Well	DRY CREEK 41-27
Field	WELD COUNTY (KERR MCGEE)	Wellbore	DRY CREEK 41-27 AWB
Facility	SEC.27-T1N-R67W		

HOLE & CASING SECTIONS Ref Wellbore: DRY CREEK 41-27 AWB Ref Wellpath: DRY CREEK 41-27 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	1204.00	1189.00	15.00	1189.66	0.00	0.00	-118.17	113.13
8.625in Casing Surface	15.00	1194.00	1179.00	15.00	1179.86	0.00	0.00	-116.72	111.81
7.875in Open Hole	1194.00	8035.00	6841.00	1179.86	7891.07	-116.72	111.81	-790.96	725.67

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
DRY CREEK 41-27 GEO TARGET 50' RADIUS (1315'FNL & 50'FEL, REV-1)		6000.00	-811.99	734.31	3177145.54	1252858.73	40°01'32.700"N	104°52'02.784"W	circle
DRY CREEK 41-27 HARDLINE 50'E OF THE GEO TARGET		6000.00	-811.99	784.31	3177195.53	1252859.09	40°01'32.700"N	104°52'02.141"W	point

WELLPATH COMPOSITION Ref Wellbore: DRY CREEK 41-27 AWB Ref Wellpath: DRY CREEK 41-27 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
15.00	1149.00	NaviTrak (Standard)	BHI MWD SURVEYS 12.25 HOLE <150-1149>	DRY CREEK 41-27 AWB
1149.00	7988.00	NaviTrak (Standard)	BHI MWD SURVEYS 7.875 HOLE <1224-7988>	DRY CREEK 41-27 AWB
7988.00	8035.00	Blind Drilling (std)	Projection to bit	DRY CREEK 41-27 AWB



# Actual Wellpath Report

DRY CREEK 41-27 AWP

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INTEQ

## REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#15 DRY CREEK 41-27 (502'FNL & 783'FEL)
Area	COLORADO	Well	DRY CREEK 41-27
Field	WELD COUNTY (KERR MCGEE)	Wellbore	DRY CREEK 41-27 AWB
Facility	SEC.27-T1N-R67W		

## WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
7988.00	0.400	11.000	7844.07	LAST BHI MWD SURVEY
8035.00	0.400	11.000	7891.07	PROJECTION TO BIT