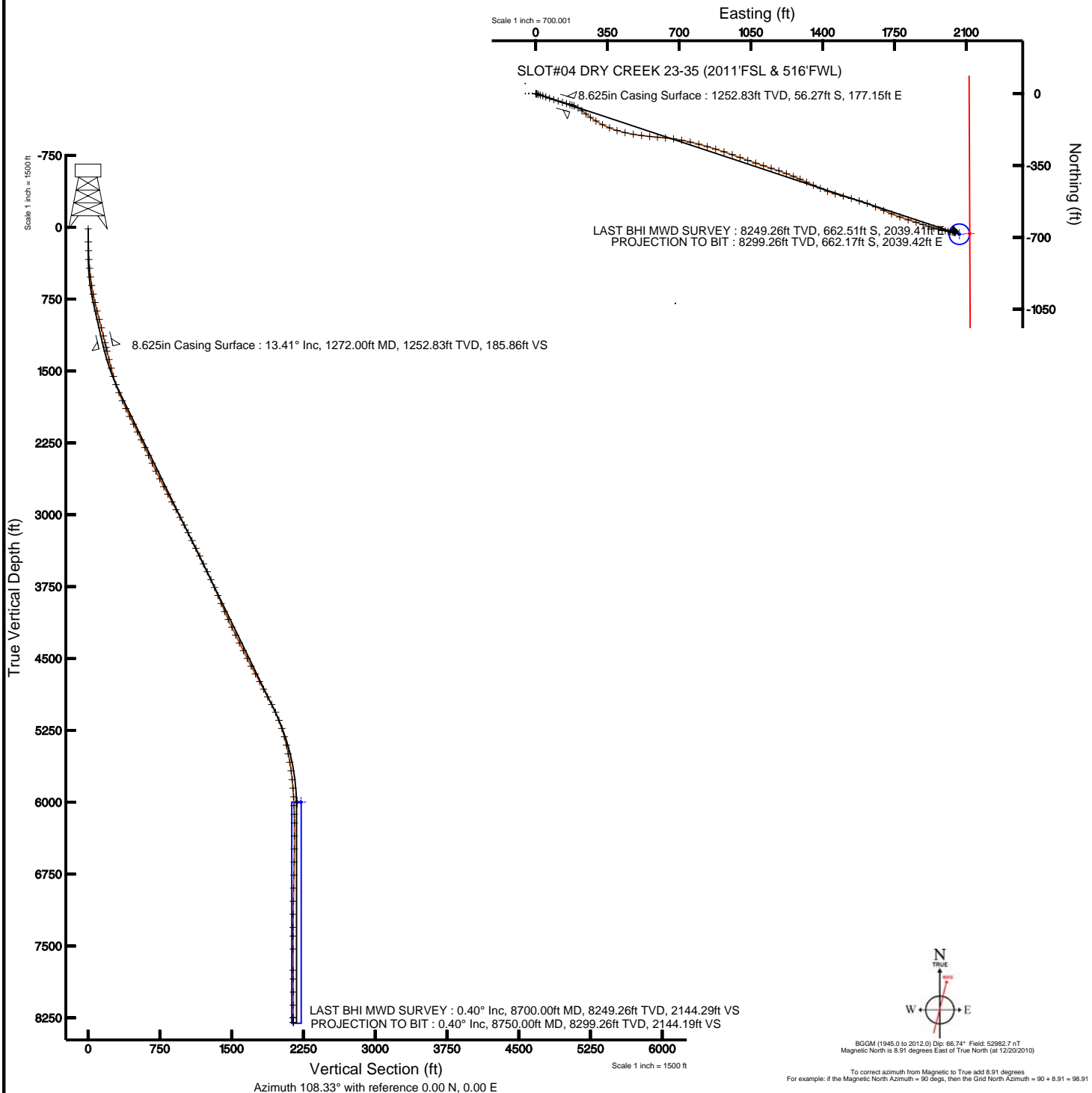


KERR MCGEE OIL & GAS ONSHORE LP

Location: COLORADO Slot: SLOT#04 DRY CREEK 23-35 (2011'FSL & 516'FWL)
 Field: WELD COUNTY (KERR MCGEE) Well: DRY CREEK 23-35
 Facility: SEC.35-T1N-R67W Wellbore: DRY CREEK 23-35 PWB



Plot reference wellpath is DRY CREEK 23-35 (REV-A.0) PWB	
True vertical depths are referenced to XTREME 12 (RKB)	Grid System: NAD83 / Lambert Colorado State Planes, Northern Zone (501), US feet
Measured depths are referenced to XTREME 12 (RKB)	North Reference: True north
XTREME 12 (RKB) to Mean Sea Level: 5044 feet	Scale: True distance
Mean Sea Level to Mud line (Facility: SEC.35-T1N-R67W): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: cookdamm on 12/29/2010





Actual Wellpath Report

DRY CREEK 23-35 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#04 DRY CREEK 23-35 (2011'FSL & 516'FWL)
Area	COLORADO	Well	DRY CREEK 23-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	DRY CREEK 23-35 AWB
Facility	SEC.35-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	0.999966	Report Generated	12/29/2010 at 1:51:29 PM
Convergence at slot	0.41° East	Database/Source file	Denver Server/DRY_CREEK_23-35_AWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	0.00	50.43	3177796.58	1245632.35	40°00'21.240"N	104°51'55.080"W
Facility Reference Pt			3177746.16	1245631.99	40°00'21.240"N	104°51'55.728"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	5044.00ft
Horizontal Reference Pt	Slot	XTREME 12 (RKB) to Mean Sea Level	5044.00ft
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	108.33°



Actual Wellpath Report

DRY CREEK 23-35 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#04 DRY CREEK 23-35 (2011'FSL & 516'FWL)
Area	COLORADO	Well	DRY CREEK 23-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	DRY CREEK 23-35 AWB
Facility	SEC.35-T1N-R67W		

WELLPATH DATA (91 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	103.900	0.00	0.00	0.00	0.00	0.00	
15.00	0.000	103.900	15.00	0.00	0.00	0.00	0.00	
152.00	1.300	103.900	151.99	1.55	-0.37	1.51	0.95	
244.00	1.200	103.200	243.97	3.55	-0.84	3.46	0.11	
336.00	2.800	103.900	335.91	6.75	-1.60	6.58	1.74	
427.00	5.500	108.100	426.66	13.33	-3.49	12.88	2.98	
518.00	7.200	108.400	517.10	23.39	-6.65	22.44	1.87	
609.00	8.800	108.400	607.21	36.06	-10.65	34.46	1.76	
700.00	11.100	109.100	696.84	51.78	-15.71	49.34	2.53	
790.00	13.100	108.800	784.83	70.64	-21.83	67.18	2.22	
881.00	14.500	108.400	873.20	92.35	-28.75	87.76	1.54	
972.00	14.300	107.700	961.34	114.98	-35.76	109.27	0.29	
1063.00	14.000	107.000	1049.58	137.22	-42.40	130.51	0.38	
1149.00	13.800	104.600	1133.07	157.86	-48.03	150.38	0.71	
1222.00	12.700	107.700	1204.12	174.57	-52.66	166.45	1.79	
1313.00	14.000	110.800	1292.66	195.57	-59.61	186.27	1.63	
1403.00	14.600	120.700	1379.89	217.53	-69.27	206.21	2.79	
1494.00	14.900	128.500	1467.90	239.72	-82.41	225.23	2.21	
1585.00	17.100	129.900	1555.37	263.14	-98.28	244.65	2.45	
1676.00	19.300	125.700	1641.81	289.94	-115.64	267.13	2.81	
1766.00	22.900	121.400	1725.77	321.21	-133.45	294.16	4.35	
1857.00	24.200	116.700	1809.20	356.91	-151.05	325.94	2.51	
1948.00	24.400	112.000	1892.14	394.12	-166.48	360.04	2.14	
2039.00	26.600	107.000	1974.28	433.26	-179.48	396.96	3.38	
2129.00	26.900	102.800	2054.66	473.67	-189.88	436.08	2.13	
2220.00	26.100	99.600	2136.10	513.95	-197.78	475.90	1.80	
2311.00	27.100	97.500	2217.47	554.09	-203.82	516.18	1.51	
2402.00	25.100	96.500	2299.18	593.35	-208.72	555.92	2.25	
2492.00	25.300	94.700	2380.62	630.72	-212.45	594.05	0.88	
2583.00	25.600	94.700	2462.79	668.72	-215.66	633.02	0.33	
2674.00	25.700	97.900	2544.83	707.24	-219.98	672.16	1.53	
2765.00	27.500	102.100	2626.20	747.54	-227.10	712.26	2.86	
2856.00	28.400	102.500	2706.58	789.95	-236.18	753.93	1.01	
2946.00	28.300	105.300	2785.79	832.55	-246.45	795.40	1.48	
3037.00	27.800	105.600	2866.10	875.29	-257.85	836.65	0.57	
3128.00	28.300	107.700	2946.41	918.05	-270.11	877.64	1.22	
3219.00	27.900	107.400	3026.69	960.91	-283.04	918.51	0.47	
3310.00	28.100	110.500	3107.04	1003.62	-296.91	958.90	1.61	
3400.00	25.700	110.500	3187.30	1044.31	-311.17	997.04	2.67	
3491.00	27.200	110.200	3268.77	1084.81	-325.26	1035.04	1.65	
3582.00	26.100	108.400	3350.10	1125.62	-338.76	1073.55	1.50	
3672.00	26.000	108.400	3430.96	1165.14	-351.24	1111.06	0.11	
3763.00	25.800	107.400	3512.82	1204.89	-363.45	1148.88	0.53	
3854.00	25.800	109.500	3594.75	1244.49	-375.99	1186.44	1.00	
3945.00	24.800	112.700	3677.02	1283.32	-389.96	1222.72	1.86	



Actual Wellpath Report

DRY CREEK 23-35 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#04 DRY CREEK 23-35 (2011'FSL & 516'FWL)
Area	COLORADO	Well	DRY CREEK 23-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	DRY CREEK 23-35 AWB
Facility	SEC.35-T1N-R67W		

WELLPATH DATA (91 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
4036.00	23.700	109.500	3760.00	1320.64	-403.43	1257.57	1.88	
4126.00	22.100	114.400	3842.91	1355.56	-416.47	1290.04	2.76	
4217.00	22.700	115.800	3927.04	1389.99	-431.18	1321.44	0.88	
4308.00	23.900	114.000	4010.62	1425.75	-446.32	1354.09	1.53	
4399.00	25.400	113.700	4093.32	1463.53	-461.67	1388.80	1.65	
4489.00	25.100	109.500	4174.73	1501.83	-475.80	1424.48	2.02	
4580.00	25.300	108.800	4257.07	1540.57	-488.51	1461.08	0.39	
4671.00	27.700	104.600	4338.51	1581.13	-500.11	1499.96	3.34	
4761.00	27.300	106.000	4418.34	1622.63	-511.07	1540.04	0.84	
4852.00	25.100	107.000	4499.99	1662.78	-522.47	1578.57	2.47	
4943.00	27.900	109.100	4581.42	1703.38	-535.08	1617.15	3.24	
5034.00	30.100	114.800	4661.02	1747.35	-551.62	1658.00	3.88	
5125.00	27.500	112.600	4740.76	1790.98	-569.27	1698.12	3.08	
5215.00	27.300	113.700	4820.67	1832.25	-585.55	1736.20	0.60	
5306.00	28.900	108.400	4900.95	1875.03	-600.88	1776.18	3.26	
5397.00	27.900	108.400	4981.00	1918.31	-614.55	1817.25	1.10	
5487.00	25.300	108.100	5061.46	1958.61	-627.17	1855.52	2.89	
5578.00	21.100	108.100	5145.09	1994.45	-638.30	1889.58	4.62	
5669.00	17.700	107.700	5230.91	2024.67	-647.60	1918.34	3.74	
5760.00	15.100	105.300	5318.20	2050.34	-654.94	1942.95	2.95	
5850.00	12.700	103.900	5405.56	2071.91	-660.41	1963.87	2.69	
5941.00	11.200	101.700	5494.58	2090.67	-664.60	1982.23	1.72	
6032.00	9.800	103.200	5584.06	2107.16	-668.16	1998.43	1.57	
6122.00	7.900	101.100	5672.98	2120.93	-671.10	2011.96	2.14	
6214.00	6.600	98.600	5764.24	2132.41	-673.11	2023.39	1.45	
6304.00	4.800	99.300	5853.80	2141.23	-674.49	2032.22	2.00	
6395.00	3.200	97.500	5944.57	2147.48	-675.44	2038.50	1.76	
6486.00	2.000	90.800	6035.48	2151.49	-675.79	2042.60	1.36	
6577.00	1.300	81.700	6126.44	2153.93	-675.67	2045.21	0.82	
6668.00	0.700	55.000	6217.42	2155.18	-675.20	2046.69	0.82	
6804.00	0.800	7.200	6353.41	2155.50	-673.78	2047.49	0.45	
6940.00	0.900	332.700	6489.40	2154.55	-671.89	2047.12	0.38	
7076.00	1.100	307.800	6625.38	2152.56	-670.14	2045.59	0.35	
7212.00	1.200	310.200	6761.35	2150.00	-668.42	2043.48	0.08	
7348.00	1.100	288.400	6897.32	2147.38	-667.09	2041.15	0.33	
7484.00	1.000	288.800	7033.30	2144.88	-666.30	2038.79	0.07	
7621.00	0.900	267.700	7170.28	2142.68	-665.95	2036.58	0.26	
7757.00	0.100	51.500	7306.28	2141.75	-665.92	2035.61	0.72	
7848.00	0.400	51.800	7397.28	2141.97	-665.68	2035.92	0.33	
7984.00	0.300	65.900	7533.28	2142.49	-665.24	2036.62	0.10	
8206.00	0.300	65.900	7755.27	2143.35	-664.76	2037.68	0.00	
8297.00	0.300	81.000	7846.27	2143.74	-664.63	2038.13	0.09	
8433.00	0.400	40.600	7982.27	2144.23	-664.21	2038.79	0.19	
8569.00	0.400	19.100	8118.27	2144.42	-663.40	2039.25	0.11	
8700.00	0.400	1.200	8249.26	2144.29	-662.51	2039.41	0.10	LAST BHI MWD SURVEY



Actual Wellpath Report

DRY CREEK 23-35 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#04 DRY CREEK 23-35 (2011'FSL & 516'FWL)
Area	COLORADO	Well	DRY CREEK 23-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	DRY CREEK 23-35 AWB
Facility	SEC.35-T1N-R67W		

WELLPATH DATA (91 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
8750.00	0.400	1.200	8299.26	2144.19	-662.17	2039.42	0.00	PROJECTION TO BIT

HOLE & CASING SECTIONS Ref Wellbore: DRY CREEK 23-35 AWB Ref Wellpath: DRY CREEK 23-35 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	1272.00	1257.00	15.00	1252.83	0.00	0.00	-56.27	177.15
8.625in Casing Surface	15.00	1272.00	1257.00	15.00	1252.83	0.00	0.00	-56.27	177.15
7.875in Open Hole	1272.00	8750.00	7478.00	1252.83	8299.26	-56.27	177.15	-662.17	2039.42

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
DRY CREEK 23-35 BHL ON PLAT (1325'FSL & 2590'FWL, REV-1)		6000.00	-684.77	2075.89	3179877.25	1244962.47	40°00'14.472"N	104°51'28.404"W	point
DRY CREEK 23-35 HARDLINE 50'E OF GEO TARGET		6000.00	-681.77	2116.89	3179918.22	1244965.77	40°00'14.502"N	104°51'27.877"W	point
DRY CREEK 23-35 GEO TARGET 50' RADIUS (1325'FSL & 2581'FWL, REV-2)		6000.00	-684.77	2066.89	3179868.25	1244962.41	40°00'14.472"N	104°51'28.520"W	circle

WELLPATH COMPOSITION Ref Wellbore: DRY CREEK 23-35 AWB Ref Wellpath: DRY CREEK 23-35 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
15.00	1222.00	NaviTrak (Standard)	BHI MWD SURVEY 12.25 HOLE <152-1222>	DRY CREEK 23-35 AWB
1222.00	8700.00	NaviTrak (Standard)	BHI MWD SURVEYS 7.875 HOLE <1313-8700>	DRY CREEK 23-35 AWB
8700.00	8750.00	Blind Drilling (std)	Projection to bit	DRY CREEK 23-35 AWB



Actual Wellpath Report

DRY CREEK 23-35 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#04 DRY CREEK 23-35 (2011'FSL & 516'FWL)
Area	COLORADO	Well	DRY CREEK 23-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	DRY CREEK 23-35 AWB
Facility	SEC.35-T1N-R67W		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
8700.00	0.400	1.200	8249.26	LAST BHI MWD SURVEY
8750.00	0.400	1.200	8299.26	PROJECTION TO BIT