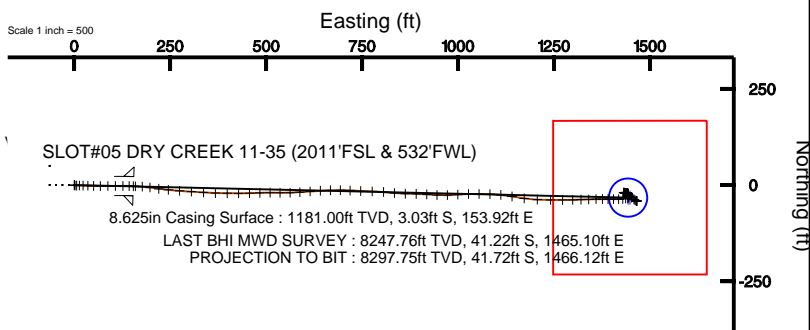
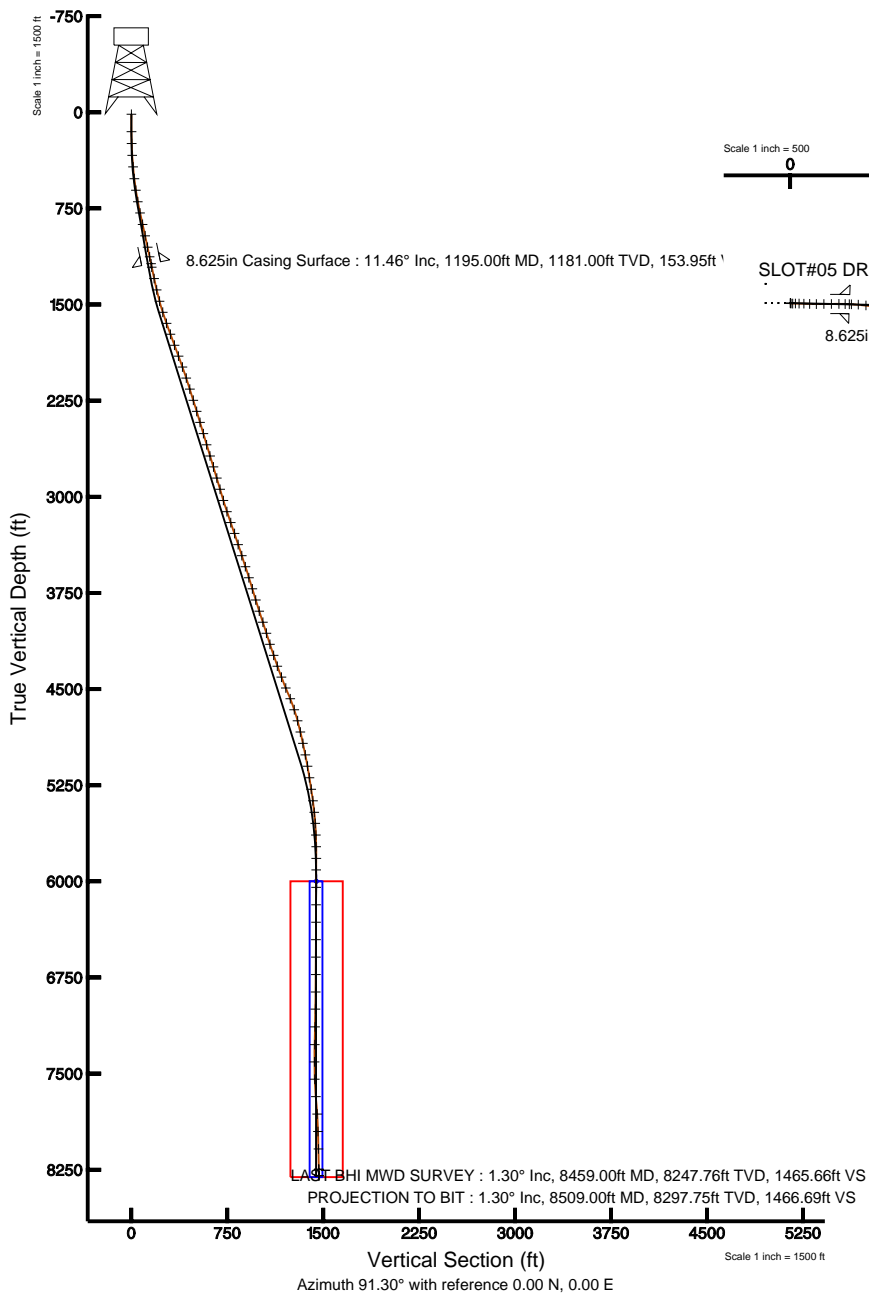


KERR MCGEE OIL & GAS ONSHORE LP

Location: COLORADO Slot: SLOT#05 DRY CREEK 11-35 (2011'FSL & 532'FWL)
 Field: WELD COUNTY (KERR MCGEE) Well: DRY CREEK 11-35
 Facility: SEC.35-T1N-R67W Wellbore: DRY CREEK 11-35 PWB



Plot reference wellpath is DRY CREEK 11-35 (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: cookdarm on 12/29/2010



N
 TRUE
 MAG
 W E

BGGM (1945.0 to 2012.0) Dip: 66.74° Field: 52982.7 nT
 Magnetic North is 8.91 degrees East of True North (at 12/20/2010)

To correct azimuth from Magnetic to True add 8.91 degrees
 For example: if the Magnetic North Azimuth = 90 degs, then the Grid North Azimuth = 90 + 8.91 = 98.91



Actual Wellpath Report

DRY CREEK 11-35 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#05 DRY CREEK 11-35 (2011'FSL & 532'FWL)
Area	COLORADO	Well	DRY CREEK 11-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	DRY CREEK 11-35 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 11:51:54 AM
Convergence at slot	0.41° East	Database/Source file	Denver Server/DRY_CREEK_11-35_AWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	0.00	64.43	3177810.59	1245632.45	40°00'21.240"N	104°51'54.900"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	91.30°



Actual Wellpath Report

DRY CREEK 11-35 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#05 DRY CREEK 11-35 (2011'FSL & 532'FWL)
Area	COLORADO	Well	DRY CREEK 11-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	DRY CREEK 11-35 AWB
Facility	SEC.35-T1N-R67W		

WELLPATH DATA (87 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	148.200	0.00	0.00	0.00	0.00	0.00	
15.00	0.000	148.200	15.00	0.00	0.00	0.00	0.00	
151.00	0.700	148.200	151.00	0.45	-0.71	0.44	0.51	
243.00	1.700	95.100	242.98	2.12	-1.31	2.09	1.52	
335.00	3.400	89.100	334.88	6.21	-1.38	6.18	1.87	
426.00	5.400	89.500	425.61	13.19	-1.30	13.16	2.20	
518.00	6.900	91.600	517.08	23.04	-1.42	23.01	1.65	
609.00	8.600	90.900	607.24	35.31	-1.68	35.28	1.87	
700.00	10.500	93.000	696.98	50.40	-2.22	50.37	2.12	
790.00	12.000	89.800	785.25	67.96	-2.62	67.91	1.80	
881.00	12.700	89.800	874.14	87.41	-2.55	87.38	0.77	
972.00	12.500	89.800	962.95	107.26	-2.48	107.23	0.22	
1063.00	12.300	89.500	1051.83	126.79	-2.36	126.77	0.23	
1140.00	11.800	92.300	1127.13	142.86	-2.61	142.84	1.00	
1222.00	11.300	91.900	1207.47	159.28	-3.21	159.24	0.62	
1313.00	11.600	93.700	1296.66	177.33	-4.09	177.28	0.51	
1404.00	14.100	98.600	1385.38	197.47	-6.34	197.38	2.99	
1495.00	15.100	98.600	1473.44	220.22	-9.77	220.06	1.10	
1585.00	17.700	94.400	1559.77	245.52	-12.58	245.30	3.17	
1676.00	19.500	95.100	1646.01	274.49	-14.99	274.22	1.99	
1767.00	20.300	93.000	1731.58	305.42	-17.16	305.11	1.18	
1858.00	20.400	94.400	1816.90	337.04	-19.21	336.69	0.55	
1949.00	19.800	91.900	1902.36	368.29	-20.93	367.91	1.15	
2039.00	19.900	89.800	1987.01	398.84	-21.39	398.46	0.80	
2130.00	18.500	90.500	2072.95	428.76	-21.46	428.39	1.56	
2221.00	17.800	88.700	2159.42	457.09	-21.27	456.73	0.99	
2312.00	16.900	87.000	2246.28	484.18	-20.26	483.84	1.14	
2403.00	16.800	91.200	2333.38	510.52	-19.84	510.20	1.34	
2493.00	17.000	90.200	2419.49	536.68	-20.16	536.36	0.39	
2584.00	16.400	89.100	2506.65	562.82	-20.01	562.51	0.75	
2675.00	16.200	85.600	2594.00	588.29	-18.83	588.01	1.10	
2766.00	17.800	84.900	2681.02	614.74	-16.62	614.52	1.77	
2856.00	17.200	87.300	2766.85	641.69	-14.77	641.52	1.04	
2947.00	16.400	87.700	2853.97	667.93	-13.62	667.80	0.89	
3038.00	16.400	91.200	2941.27	693.60	-13.38	693.48	1.09	
3129.00	16.200	93.000	3028.61	719.14	-14.31	719.00	0.60	
3220.00	18.800	92.600	3115.39	746.49	-15.64	746.33	2.86	
3311.00	20.000	91.000	3201.22	776.71	-16.58	776.53	1.44	
3401.00	18.600	95.100	3286.17	806.43	-18.12	806.22	2.16	
3492.00	17.900	95.800	3372.59	834.85	-20.82	834.59	0.81	
3583.00	18.100	91.600	3459.14	862.93	-22.63	862.64	1.44	
3674.00	18.400	90.200	3545.56	891.42	-23.08	891.13	0.58	
3764.00	17.300	95.400	3631.24	918.97	-24.39	918.66	2.15	
3855.00	17.000	91.900	3718.19	945.77	-26.10	945.42	1.18	
3946.00	17.300	89.100	3805.15	972.60	-26.33	972.25	0.97	



Actual Wellpath Report

DRY CREEK 11-35 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#05 DRY CREEK 11-35 (2011'FSL & 532'FWL)
Area	COLORADO	Well	DRY CREEK 11-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	DRY CREEK 11-35 AWB
Facility	SEC.35-T1N-R67W		

WELLPATH DATA (87 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
4037.00	17.800	85.600	3891.91	999.96	-25.05	999.65	1.28	
4128.00	18.100	87.700	3978.48	1027.91	-23.41	1027.64	0.78	
4218.00	17.600	91.600	4064.15	1055.47	-23.23	1055.21	1.44	
4309.00	18.400	90.900	4150.70	1083.59	-23.84	1083.33	0.91	
4400.00	18.200	96.500	4237.10	1112.10	-25.68	1111.81	1.94	
4490.00	20.000	99.600	4322.15	1141.33	-29.84	1140.95	2.30	
4581.00	21.300	98.200	4407.30	1173.14	-34.79	1172.66	1.53	
4672.00	23.300	91.900	4491.50	1207.56	-37.74	1207.01	3.42	
4763.00	21.400	90.900	4575.66	1242.16	-38.60	1241.60	2.13	
4854.00	18.600	90.200	4661.17	1273.27	-38.91	1272.72	3.09	
4944.00	15.200	88.400	4747.27	1299.42	-38.63	1298.87	3.82	
5035.00	12.700	88.400	4835.58	1321.32	-38.02	1320.80	2.75	
5126.00	12.700	88.000	4924.35	1341.30	-37.39	1340.80	0.10	
5217.00	11.600	88.100	5013.31	1360.42	-36.74	1359.94	1.21	
5307.00	9.800	90.100	5101.74	1377.12	-36.45	1376.64	2.04	
5398.00	8.800	90.900	5191.55	1391.82	-36.58	1391.35	1.11	
5489.00	9.000	89.800	5281.45	1405.90	-36.66	1405.43	0.29	
5580.00	8.000	89.800	5371.45	1419.34	-36.61	1418.88	1.10	
5671.00	5.400	81.700	5461.82	1429.90	-35.97	1429.45	3.03	
5758.00	4.600	85.200	5548.49	1437.40	-35.09	1436.98	0.98	
5849.00	2.300	66.200	5639.32	1442.68	-34.05	1442.28	2.79	
5940.00	1.500	50.800	5730.27	1445.24	-32.56	1444.88	1.04	
6031.00	1.700	342.200	5821.24	1445.71	-30.52	1445.39	1.99	
6121.00	1.800	344.000	5911.20	1444.85	-27.89	1444.59	0.13	
6257.00	0.600	8.600	6047.17	1444.31	-25.13	1444.11	0.94	
6393.00	0.600	336.900	6183.16	1444.10	-23.77	1443.93	0.24	
6529.00	0.500	1.560	6319.16	1443.81	-22.53	1443.67	0.19	
6665.00	0.400	286.600	6455.15	1443.36	-21.80	1443.23	0.41	
6802.00	0.300	280.700	6592.15	1442.54	-21.59	1442.42	0.08	
6938.00	0.400	294.000	6728.15	1441.75	-21.33	1441.64	0.09	
7074.00	0.700	291.600	6864.14	1440.53	-20.84	1440.43	0.22	
7207.00	1.200	269.100	6997.12	1438.38	-20.56	1438.28	0.46	
7346.00	0.900	281.000	7136.10	1435.85	-20.37	1435.76	0.27	
7485.00	0.900	290.500	7275.08	1433.74	-19.78	1433.66	0.11	
7619.00	0.700	272.900	7409.07	1431.93	-19.37	1431.86	0.23	
7755.00	2.600	120.000	7545.03	1433.81	-20.87	1433.70	2.38	
7891.00	6.100	122.100	7680.62	1442.72	-26.26	1442.50	2.58	
8027.00	4.200	125.700	7816.06	1453.04	-33.00	1452.66	1.42	
8164.00	1.900	127.800	7952.86	1459.00	-37.32	1458.53	1.68	
8300.00	1.400	118.600	8088.80	1462.29	-39.50	1461.77	0.41	
8459.00	1.300	116.000	8247.76	1465.66	-41.22	1465.10	0.07	LAST BHI MWD SURVEY
8509.00	1.300	116.000	8297.75	1466.69	-41.72	1466.12	0.00	PROJECTION TO BIT



Actual Wellpath Report

DRY CREEK 11-35 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#05 DRY CREEK 11-35 (2011'FSL & 532'FWL)
Area	COLORADO	Well	DRY CREEK 11-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	DRY CREEK 11-35 AWB
Facility	SEC.35-T1N-R67W		

HOLE & CASING SECTIONS Ref Wellbore: DRY CREEK 11-35 AWB Ref Wellpath: DRY CREEK 11-35 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	1195.00	1180.00	15.00	1181.00	0.00	0.00	-3.03	153.92
8.625in Casing Surface	15.00	1195.00	1180.00	15.00	1181.00	0.00	0.00	-3.03	153.92
7.875in Open Hole	1195.00	8509.00	7314.00	1181.00	8297.75	-3.03	153.92	-41.72	1466.12

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 GEO TARGET 50' RADIUS (1980'FSL & 1980'FWL, REV-1)		6000.00	-32.74	1443.32	3179254.05	1245610.04	40°00'20.916"N	104°51'36.352"W	circle
DRY CREEK 23-35 LEGAL BOX (200'N,200'S,195'E,205'W OF GEO TARGET)		6000.00	-32.74	1448.32	3179259.06	1245610.07	40°00'20.916"N	104°51'36.288"W	square

WELLPATH COMPOSITION Ref Wellbore: DRY CREEK 11-35 AWB Ref Wellpath: DRY CREEK 11-35 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
15.00	1140.00	NaviTrak (Standard)	BHI MWD SURVEY 12.25 HOLE <151-1140>	DRY CREEK 11-35 AWB
1140.00	8459.00	NaviTrak (Standard)	BHI MWD SURVEY 7.875 HOLE <1222-8459>	DRY CREEK 11-35 AWB
8459.00	8509.00	Blind Drilling (std)	Projection to bit	DRY CREEK 11-35 AWB



Actual Wellpath Report

DRY CREEK 11-35 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#05 DRY CREEK 11-35 (2011'FSL & 532'FWL)
Area	COLORADO	Well	DRY CREEK 11-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	DRY CREEK 11-35 AWB
Facility	SEC.35-T1N-R67W		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
8459.00	1.300	116.000	8247.76	LAST BHI MWD SURVEY
8509.00	1.300	116.000	8297.75	PROJECTION TO BIT