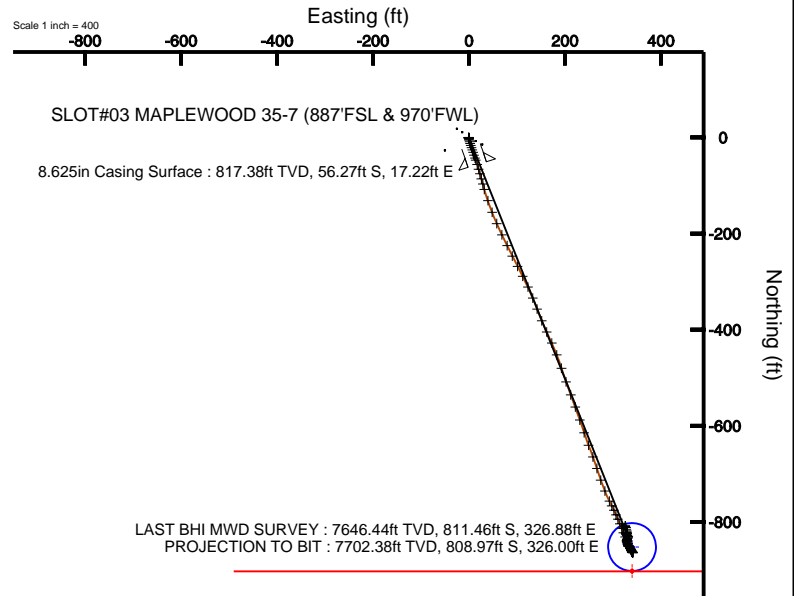
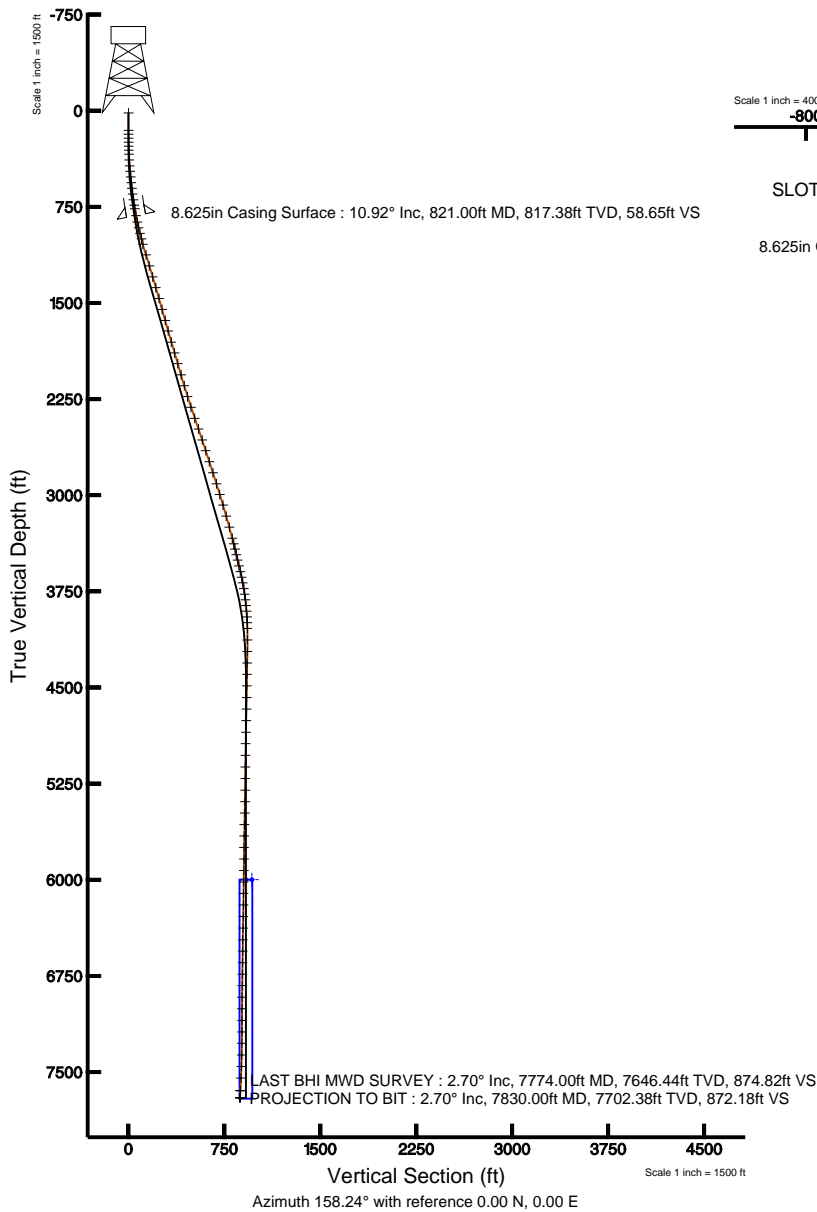


KERR MCGEE OIL & GAS ONSHORE LP

Location: COLORADO Slot: SLOT#03 MAPLEWOOD 35-7 (887'FSL & 970'FWL)
 Field: WELD COUNTY (KERR MCGEE) Well: MAPLEWOOD 35-7
 Facility: SEC.07-T4N-R67W Wellbore: MAPLEWOOD 35-7 PWB



Plot reference wellpath is MAPLEWOOD 35-7 (REV-A.0) PWB	
True vertical depths are referenced to XTREME 8 (RKB)	Grid System: NAD83 / Lambert Colorado State Planes, Northern Zone (501), US feet
Measured depths are referenced to XTREME 8 (RKB)	North Reference: True north
XTREME 8 (RKB) to Mean Sea Level: 4865 feet	Scale: True distance
Mean Sea Level to Mud line (Facility: SEC.07-T4N-R67W): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: cookdamm on 1/13/2011



BGGM (1945.0 to 2012.0) Dip: 66.99° Field: 53164 nT
 Magnetic North is 9.00 degrees East of True North (at 10/25/2010)

To correct azimuth from Magnetic to True add 9.00 degrees
 For example: if the Magnetic North Azimuth = 90 degs, then the Grid North Azimuth = 90 + 9.00 = 99.00



Actual Wellpath Report

MAPLEWOOD 35-7 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#03 MAPLEWOOD 35-7 (887'FSL & 970'FWL)
Area	COLORADO	Well	MAPLEWOOD 35-7
Field	WELD COUNTY (KERR MCGEE)	Wellbore	MAPLEWOOD 35-7 AWP
Facility	SEC.07-T4N-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	0.999958	Report Generated	1/13/2011 at 4:37:05 PM
Convergence at slot	0.36° East	Database/Source file	Denver Server/MAPLEWOOD_35-7_AWP.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	-18.22	25.10	3156620.56	1361151.54	40°19'24.240"N	104°56'17.808"W
Facility Reference Pt			3156595.35	1361169.60	40°19'24.420"N	104°56'18.132"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 8 (RKB) to Facility Vertical Datum	4865.00ft
Horizontal Reference Pt	Slot	XTREME 8 (RKB) to Mean Sea Level	4865.00ft
Vertical Reference Pt	XTREME 8 (RKB)	Facility Vertical Datum to Mud Line (Facility)	0.00ft
MD Reference Pt	XTREME 8 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	158.24°



Actual Wellpath Report

MAPLEWOOD 35-7 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#03 MAPLEWOOD 35-7 (887'FSL & 970'FWL)
Area	COLORADO	Well	MAPLEWOOD 35-7
Field	WELD COUNTY (KERR MCGEE)	Wellbore	MAPLEWOOD 35-7 AWB
Facility	SEC.07-T4N-R67W		

WELLPATH DATA (108 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	251.200	0.00	0.00	0.00	0.00	0.00	
17.00	0.000	251.200	17.00	0.00	0.00	0.00	0.00	
152.00	0.400	251.200	152.00	-0.02	-0.15	-0.45	0.30	
183.00	0.400	237.500	183.00	-0.01	-0.24	-0.64	0.31	
214.00	0.500	205.900	214.00	0.10	-0.42	-0.79	0.85	
245.00	0.900	158.100	245.00	0.44	-0.77	-0.76	2.18	
276.00	1.300	166.500	275.99	1.03	-1.34	-0.59	1.39	
307.00	1.800	166.900	306.98	1.86	-2.16	-0.39	1.61	
338.00	2.500	167.600	337.96	3.01	-3.29	-0.14	2.26	
384.00	3.600	162.600	383.89	5.44	-5.65	0.51	2.46	
430.00	4.500	163.000	429.77	8.67	-8.75	1.47	1.96	
473.00	5.500	163.300	472.61	12.41	-12.34	2.55	2.33	
517.00	6.000	163.700	516.39	16.80	-16.57	3.81	1.14	
562.00	6.300	160.900	561.13	21.60	-21.16	5.27	0.94	
606.00	6.600	159.800	604.85	26.54	-25.81	6.94	0.74	
651.00	7.400	160.200	649.52	32.03	-30.97	8.81	1.78	
696.00	8.000	162.300	694.11	38.05	-36.67	10.75	1.47	
739.00	9.000	161.200	736.64	44.39	-42.71	12.74	2.36	
767.00	9.800	161.200	764.26	48.96	-47.04	14.21	2.86	
873.00	12.000	163.700	868.34	68.94	-66.16	20.21	2.12	
918.00	13.200	164.000	912.26	78.71	-75.59	22.94	2.67	
963.00	14.500	164.000	955.95	89.42	-85.94	25.91	2.89	
1007.00	15.300	164.400	998.47	100.68	-96.83	28.99	1.83	
1051.00	15.600	164.400	1040.88	112.33	-108.12	32.14	0.68	
1138.00	17.100	160.200	1124.36	136.75	-131.42	39.62	2.19	
1228.00	16.300	159.800	1210.56	162.60	-155.72	48.47	0.90	
1317.00	16.800	156.300	1295.88	187.94	-179.22	57.95	1.25	
1405.00	17.100	154.200	1380.06	213.55	-202.52	68.69	0.77	
1493.00	16.100	153.500	1464.39	238.62	-225.09	79.77	1.16	
1582.00	15.600	153.800	1550.00	262.85	-246.87	90.56	0.57	
1671.00	15.700	152.400	1635.71	286.76	-268.28	101.42	0.44	
1757.00	15.600	152.800	1718.52	309.85	-288.87	112.10	0.17	
1847.00	16.500	154.600	1805.01	334.65	-311.18	123.11	1.14	
1935.00	16.600	158.100	1889.37	359.69	-334.13	133.16	1.14	
2022.00	16.500	159.500	1972.76	384.47	-357.24	142.12	0.47	
2113.00	16.900	157.000	2059.92	410.61	-381.52	151.82	0.90	
2202.00	16.400	154.900	2145.19	436.09	-404.80	162.20	0.88	
2291.00	16.600	155.600	2230.53	461.33	-427.76	172.78	0.32	
2379.00	18.800	159.100	2314.36	488.07	-452.46	183.03	2.78	
2469.00	19.600	161.600	2399.35	517.64	-480.33	192.97	1.27	
2558.00	19.700	161.200	2483.17	547.52	-508.69	202.52	0.19	
2648.00	17.500	158.800	2568.47	576.21	-535.67	212.30	2.59	
2736.00	18.300	160.200	2652.21	603.25	-561.01	221.77	1.03	
2827.00	18.500	161.200	2738.55	631.94	-588.12	231.26	0.41	
2917.00	17.800	161.200	2824.08	659.94	-614.66	240.29	0.78	



Actual Wellpath Report

MAPLEWOOD 35-7 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#03 MAPLEWOOD 35-7 (887'FSL & 970'FWL)
Area	COLORADO	Well	MAPLEWOOD 35-7
Field	WELD COUNTY (KERR MCGEE)	Wellbore	MAPLEWOOD 35-7 AWB
Facility	SEC.07-T4N-R67W		

WELLPATH DATA (108 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
3008.00	17.400	160.200	2910.82	687.43	-640.63	249.39	0.55	
3095.00	17.200	158.100	2993.88	713.30	-664.80	258.59	0.75	
3182.00	16.800	163.300	3077.08	738.68	-688.78	267.00	1.81	
3272.00	16.300	161.200	3163.36	764.25	-713.19	274.81	0.87	
3361.00	15.400	156.700	3248.98	788.54	-735.87	283.51	1.71	
3450.00	14.600	154.600	3334.94	811.55	-756.86	292.99	1.09	
3495.00	13.900	153.800	3378.56	822.60	-766.83	297.81	1.62	
3538.00	13.500	154.900	3420.33	832.76	-776.01	302.22	1.11	
3583.00	13.100	155.600	3464.13	843.10	-785.41	306.56	0.96	
3626.00	13.200	156.300	3506.00	852.87	-794.35	310.54	0.44	
3672.00	13.300	156.700	3550.78	863.41	-804.02	314.75	0.29	
3718.00	12.600	158.400	3595.60	873.72	-813.54	318.69	1.73	
3763.00	12.500	159.800	3639.53	883.49	-822.67	322.18	0.71	
3808.00	11.300	157.700	3683.56	892.77	-831.32	325.53	2.83	
3853.00	9.800	155.600	3727.80	901.00	-838.89	328.79	3.44	
3898.00	8.300	153.500	3772.24	908.07	-845.29	331.82	3.41	
3942.00	7.400	154.900	3815.83	914.06	-850.69	334.44	2.09	
3987.00	6.100	159.100	3860.51	919.34	-855.55	336.52	3.09	
4031.00	4.700	160.500	3904.32	923.48	-859.44	337.96	3.20	
4076.00	2.800	151.000	3949.22	926.42	-862.13	339.10	4.43	
4121.00	1.700	123.300	3994.19	928.05	-863.46	340.19	3.37	
4166.00	1.100	118.700	4039.17	928.93	-864.04	341.13	1.36	
4256.00	0.100	42.800	4129.17	929.57	-864.39	341.94	1.20	
4346.00	0.600	336.300	4219.16	929.06	-863.90	341.81	0.63	
4436.00	0.900	332.100	4309.16	927.89	-862.85	341.29	0.34	
4524.00	0.700	320.500	4397.15	926.69	-861.82	340.62	0.29	
4615.00	0.900	322.600	4488.14	925.47	-860.83	339.83	0.22	
4705.00	1.000	326.500	4578.13	924.02	-859.61	338.97	0.13	
4796.00	1.100	328.900	4669.11	922.38	-858.20	338.08	0.12	
4886.00	1.500	338.100	4759.09	920.35	-856.37	337.20	0.50	
4976.00	1.900	330.700	4849.05	917.69	-853.97	336.03	0.51	
5065.00	1.000	308.500	4938.02	915.56	-852.20	334.70	1.17	
5156.00	1.200	307.800	5029.00	914.05	-851.12	333.32	0.22	
5247.00	0.100	146.100	5120.00	913.30	-850.61	332.61	1.42	
5338.00	0.400	318.700	5211.00	913.08	-850.43	332.45	0.55	
5428.00	0.700	326.100	5300.99	912.25	-849.74	331.93	0.34	
5519.00	1.100	335.300	5391.98	910.83	-848.49	331.26	0.47	
5607.00	1.500	339.500	5479.96	908.84	-846.64	330.50	0.47	
5697.00	1.900	340.200	5569.92	906.17	-844.13	329.58	0.45	
5786.00	1.100	348.300	5658.89	903.85	-841.91	328.91	0.93	
5876.00	0.300	68.400	5748.88	903.00	-840.98	328.96	1.21	
5966.00	0.400	4.100	5838.88	902.72	-840.58	329.20	0.42	
6055.00	0.800	10.800	5927.87	901.92	-839.66	329.34	0.46	
6145.00	1.500	5.800	6017.86	900.34	-837.87	329.57	0.78	
6234.00	0.400	298.300	6106.84	899.07	-836.56	329.42	1.57	



Actual Wellpath Report

MAPLEWOOD 35-7 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#03 MAPLEWOOD 35-7 (887'FSL & 970'FWL)
Area	COLORADO	Well	MAPLEWOOD 35-7
Field	WELD COUNTY (KERR MCGEE)	Wellbore	MAPLEWOOD 35-7 AWB
Facility	SEC.07-T4N-R67W		

WELLPATH DATA (108 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
6324.00	1.100	48.400	6196.84	898.54	-835.84	329.79	1.44	
6415.00	2.200	34.300	6287.80	897.27	-833.81	331.42	1.28	
6505.00	1.400	345.800	6377.76	895.21	-831.32	332.13	1.83	
6596.00	1.100	297.600	6468.74	893.45	-829.84	331.08	1.16	
6685.00	0.400	331.000	6557.73	892.49	-829.17	330.17	0.90	
6775.00	1.000	323.300	6647.72	891.42	-828.27	329.55	0.67	
6865.00	0.400	321.900	6737.72	890.36	-827.39	328.89	0.67	
6954.00	1.300	318.000	6826.71	889.11	-826.40	328.02	1.01	
7044.00	1.000	332.100	6916.69	887.38	-824.94	326.97	0.46	
7134.00	0.800	100.400	7006.68	886.93	-824.36	327.22	1.80	
7225.00	0.800	119.700	7097.67	887.76	-824.79	328.40	0.29	
7315.00	0.500	34.000	7187.67	888.03	-824.78	329.16	1.01	
7404.00	1.100	5.800	7276.66	887.06	-823.60	329.47	0.79	
7495.00	1.500	355.300	7367.64	885.15	-821.55	329.46	0.51	
7585.00	2.000	347.900	7457.60	882.47	-818.84	329.03	0.61	
7675.00	2.300	344.000	7547.53	879.13	-815.57	328.20	0.37	
7774.00	2.700	340.500	7646.44	874.82	-811.46	326.88	0.43	LAST BHI MWD SURVEY
7830.00	2.700	340.500	7702.38	872.18	-808.97	326.00	0.00	PROJECTION TO BIT

HOLE & CASING SECTIONS Ref Wellbore: MAPLEWOOD 35-7 AWB Ref Wellpath: MAPLEWOOD 35-7 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	17.00	830.00	813.00	17.00	826.21	0.00	0.00	-57.91	17.73
8.625in Casing Surface	17.00	821.00	804.00	17.00	817.38	0.00	0.00	-56.27	17.22
7.875in Open Hole	821.00	7830.00	7009.00	817.38	7702.38	-56.27	17.22	-808.97	326.00



Actual Wellpath Report

MAPLEWOOD 35-7 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#03 MAPLEWOOD 35-7 (887'FSL & 970'FWL)
Area	COLORADO	Well	MAPLEWOOD 35-7
Field	WELD COUNTY (KERR MCGEE)	Wellbore	MAPLEWOOD 35-7 AWB
Facility	SEC.07-T4N-R67W		

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
MAPLEWOOD 35-7 GEO TARGET 50' RADIUS (50'FSL & 1310'FWL, REV-1)		6000.00	-852.48	340.19	3156966.13	1360301.27	40°19'15.816"N	104°56'13.416"W	circle
MAPLEWOOD 35-7 HARDLINE 50'S OF GEO TARGET		6000.00	-902.48	340.19	3156966.44	1360251.27	40°19'15.322"N	104°56'13.416"W	point

WELLPATH COMPOSITION Ref Wellbore: MAPLEWOOD 35-7 AWB Ref Wellpath: MAPLEWOOD 35-7 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.00	767.00	NaviTrak (Standard)	BHI MWD SURVEY 12.25 HOLE <152-767>	MAPLEWOOD 35-7 AWB
767.00	7774.00	NaviTrak (Standard)	BHI MWD SURVEYS 7.875 HOLE <873-7774>	MAPLEWOOD 35-7 AWB
7774.00	7830.00	Blind Drilling (std)	Projection to bit	MAPLEWOOD 35-7 AWB



Actual Wellpath Report

MAPLEWOOD 35-7 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION			
Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#03 MAPLEWOOD 35-7 (887'FSL & 970'FWL)
Area	COLORADO	Well	MAPLEWOOD 35-7
Field	WELD COUNTY (KERR MCGEE)	Wellbore	MAPLEWOOD 35-7 AWB
Facility	SEC.07-T4N-R67W		

WELLPATH COMMENTS				
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
7774.00	2.700	340.500	7646.44	LAST BHI MWD SURVEY
7830.00	2.700	340.500	7702.38	PROJECTION TO BIT