

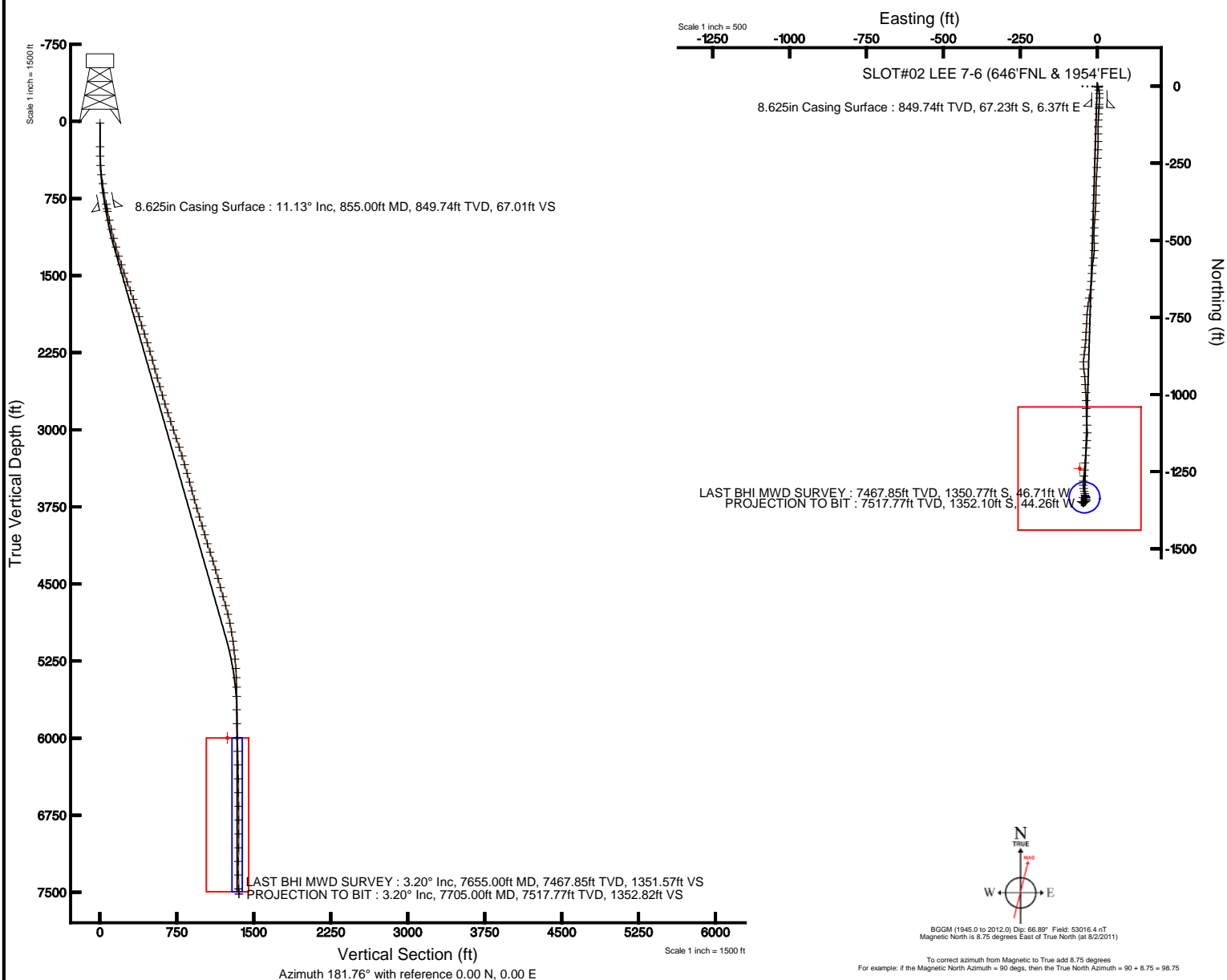


KERR MCGEE OIL & GAS ONSHORE LP

Location: COLORADO Slot: SLOT#02 LEE 7-6 (646'FNL & 1954'FEL)
Field: WELD COUNTY (KERR MCGEE) Well: LEE 7-6
Facility: SEC.06-T2N-R65W Wellbore: LEE 7-6 PWB



Plot reference wellbore is LEE 7-6 (REV-A-D) PWB	
True vertical depths are referenced to XTREME 15 (RKB)	Grid System: NAD83 / Lambert Colorado SP, Northern Zone (201), US feet
Measured depths are referenced to XTREME 15 (RKB)	North Reference: True north
XTREME 15 (RKB) to Mean Sea Level: 4977 feet	Scale: True distance
Mean Sea Level to Mud line (At Slot: SLOT#02 LEE 7-6 (646'FNL & 1954'FEL)): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: cookdamm on 8/12/2011





Actual Wellpath Report

LEE 7-6 AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#02 LEE 7-6 (646'FNL & 1954'FEL)
Area	COLORADO	Well	LEE 7-6
Field	WELD COUNTY (KERR MCGEE)	Wellbore	LEE 7-6 AWB
Facility	SEC.06-T2N-R65W		

REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Colorado SP, Northern Zone (501), US feet	Software System	WellArchitect® 3.0.1
North Reference	True	User	Cookdanm
Scale	0.999958	Report Generated	8/12/2011 at 3:43:27 PM
Convergence at slot	0.51° East	Database/Source file	WA_Denver/_LEE_7-6_AWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	0.02	-16.21	3222467.38	1306833.82	40°10'22.487"N	104°42'13.968"W
Facility Reference Pt			3222483.59	1306833.95	40°10'22.487"N	104°42'13.759"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 15 (RKB) to Facility Vertical Datum	4977.00ft
Horizontal Reference Pt	Slot	XTREME 15 (RKB) to Mean Sea Level	4977.00ft
Vertical Reference Pt	XTREME 15 (RKB)	XTREME 15 (RKB) to Mud Line at Slot (SLOT#02 LEE 7-6 (646'FNL & 1954'FEL))	4977.00ft
MD Reference Pt	XTREME 15 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	181.76°



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REFERENCE WELLPATH IDENTIFICATION

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Area	COLORADO	Well	LEE 7-6
Field	WELD COUNTY (KERR MCGEE)	Wellbore	LEE 7-6 AWB
Facility	SEC.06-T2N-R65W		

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	329.000	0.00	0.00	0.00	0.00	0.00	
15.00	0.000	329.000	15.00	0.00	0.00	0.00	0.00	
244.00	0.400	329.000	244.00	-0.67	0.69	-0.41	0.17	
337.00	1.800	130.800	336.99	-0.03	0.01	0.53	2.35	
427.00	4.100	150.800	426.86	3.62	-3.72	3.17	2.76	
517.00	6.600	168.400	516.47	11.42	-11.60	5.78	3.29	
607.00	8.600	176.100	605.68	23.15	-23.38	7.28	2.49	
696.00	9.900	182.100	693.52	37.42	-37.67	7.45	1.82	
810.00	11.200	181.700	805.59	58.29	-58.53	6.76	1.14	
881.00	11.100	184.500	875.25	72.01	-72.23	6.02	0.78	
968.00	11.800	184.500	960.52	89.27	-89.45	4.66	0.80	
1058.00	13.400	181.400	1048.35	108.89	-109.05	3.69	1.93	
1148.00	14.800	180.300	1135.63	130.81	-130.97	3.37	1.58	
1237.00	15.900	179.600	1221.46	154.36	-154.53	3.40	1.25	
1327.00	16.500	180.700	1307.88	179.45	-179.64	3.33	0.75	
1416.00	17.700	182.100	1392.95	205.62	-205.80	2.68	1.43	
1504.00	19.100	183.800	1476.45	233.39	-233.54	1.23	1.70	
1594.00	19.400	183.100	1561.42	263.05	-263.15	-0.55	0.42	
1684.00	19.900	182.800	1646.18	293.30	-293.38	-2.11	0.57	
1774.00	19.400	181.700	1730.93	323.57	-323.62	-3.30	0.69	
1863.00	18.300	181.000	1815.16	352.32	-352.36	-3.98	1.26	
1951.00	16.800	181.400	1899.06	378.85	-378.89	-4.53	1.71	
2041.00	18.100	184.200	1984.92	405.83	-405.84	-5.88	1.72	
2129.00	17.600	184.900	2068.68	432.77	-432.73	-8.01	0.62	
2217.00	17.600	181.700	2152.57	459.36	-459.28	-9.54	1.10	
2305.00	16.300	180.300	2236.74	485.01	-484.93	-10.00	1.55	
2395.00	15.200	177.900	2323.36	509.41	-509.35	-9.64	1.42	
2484.00	15.800	182.100	2409.13	533.17	-533.12	-9.65	1.43	
2573.00	15.900	188.800	2494.75	557.38	-557.28	-11.96	2.06	
2663.00	16.200	185.200	2581.24	582.15	-581.97	-14.99	1.15	
2752.00	16.900	181.700	2666.56	607.48	-607.26	-16.50	1.37	
2839.00	17.900	187.700	2749.58	633.43	-633.16	-18.66	2.36	
2928.00	17.800	185.600	2834.30	660.61	-660.25	-21.82	0.73	
3017.00	18.100	190.900	2918.97	687.83	-687.36	-25.77	1.87	
3104.00	18.400	187.700	3001.60	714.83	-714.24	-30.16	1.20	
3191.00	18.600	183.500	3084.11	742.36	-741.70	-32.85	1.55	
3281.00	18.800	181.700	3169.36	771.21	-770.52	-34.15	0.68	
3371.00	16.800	184.900	3255.05	798.70	-797.98	-35.70	2.47	
3459.00	16.200	182.400	3339.42	823.67	-822.92	-37.30	1.06	
3547.00	15.900	186.300	3424.00	847.97	-847.16	-39.13	1.27	
3636.00	15.400	188.800	3509.70	871.85	-870.96	-42.28	0.94	
3724.00	15.200	181.700	3594.59	894.98	-894.04	-44.41	2.14	
3811.00	15.800	172.900	3678.43	918.09	-917.20	-43.28	2.79	
3900.00	17.100	174.300	3763.79	943.04	-942.24	-40.48	1.53	
3990.00	16.400	178.200	3849.97	968.84	-968.11	-38.77	1.47	



Actual Wellpath Report

LEE 7-6 AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#02 LEE 7-6 (646'FNL & 1954'FEL)
Area	COLORADO	Well	LEE 7-6
Field	WELD COUNTY (KERR MCGEE)	Wellbore	LEE 7-6 AWB
Facility	SEC.06-T2N-R65W		

WELLPATH DATA (80 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
4080.00	17.100	175.000	3936.15	994.66	-993.99	-37.22	1.29	
4169.00	16.200	178.900	4021.43	1020.06	-1019.44	-35.84	1.61	
4260.00	16.700	180.300	4108.70	1045.81	-1045.21	-35.67	0.70	
4348.00	18.300	176.800	4192.63	1072.21	-1071.65	-34.96	2.18	
4438.00	17.600	176.100	4278.25	1099.83	-1099.33	-33.25	0.81	
4527.00	16.000	179.600	4363.45	1125.48	-1125.02	-32.25	2.13	
4617.00	15.600	185.900	4450.05	1149.95	-1149.46	-33.40	1.96	
4707.00	15.700	183.500	4536.72	1174.19	-1173.66	-35.39	0.73	
4797.00	15.700	184.900	4623.36	1198.52	-1197.94	-37.17	0.42	
4887.00	16.000	184.500	4709.94	1223.07	-1222.44	-39.19	0.35	
4975.00	14.000	184.900	4794.93	1245.81	-1245.14	-41.05	2.28	
5066.00	11.200	187.700	4883.74	1265.60	-1264.87	-43.17	3.15	
5153.00	10.200	185.200	4969.22	1281.69	-1280.91	-45.00	1.27	
5243.00	7.700	175.800	5058.12	1295.65	-1294.87	-45.28	3.21	
5331.00	6.200	170.100	5145.48	1306.16	-1305.43	-44.03	1.87	
5420.00	5.900	167.700	5233.98	1315.31	-1314.63	-42.23	0.44	
5510.00	4.200	167.000	5323.63	1322.98	-1322.36	-40.51	1.89	
5600.00	2.300	166.600	5413.48	1327.91	-1327.33	-39.35	2.11	
5691.00	1.400	164.200	5504.43	1330.73	-1330.18	-38.62	0.99	
5781.00	0.300	144.500	5594.42	1331.97	-1331.43	-38.18	1.25	
5913.00	0.700	43.200	5726.42	1331.64	-1331.12	-37.43	0.62	
6047.00	1.100	173.600	5860.41	1332.30	-1331.80	-36.73	1.23	
6182.00	2.200	165.900	5995.35	1336.08	-1335.60	-35.95	0.83	
6316.00	2.100	178.200	6129.26	1341.00	-1340.55	-35.25	0.35	
6450.00	1.100	198.600	6263.20	1344.68	-1344.22	-35.58	0.85	
6585.00	1.100	215.100	6398.18	1347.00	-1346.51	-36.74	0.23	
6719.00	0.900	233.100	6532.16	1348.74	-1348.20	-38.32	0.28	
6852.00	0.900	251.000	6665.14	1349.76	-1349.16	-40.14	0.21	
6986.00	1.100	260.500	6799.12	1350.38	-1349.72	-42.41	0.19	
7121.00	1.100	271.700	6934.10	1350.64	-1349.89	-44.98	0.16	
7256.00	1.500	288.600	7069.06	1350.13	-1349.29	-47.95	0.41	
7388.00	1.900	301.300	7201.00	1348.55	-1347.60	-51.46	0.41	
7521.00	1.800	127.200	7333.98	1348.67	-1347.72	-51.68	2.78	
7655.00	3.200	118.400	7467.85	1351.57	-1350.77	-46.71	1.08	LAST BHI MWD SURVEY
7705.00	3.200	118.400	7517.77	1352.82	-1352.10	-44.26	0.00	PROJECTION TO BIT



Actual Wellpath Report

LEE 7-6 AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#02 LEE 7-6 (646'FNL & 1954'FEL)
Area	COLORADO	Well	LEE 7-6
Field	WELD COUNTY (KERR MCGEE)	Wellbore	LEE 7-6 AWB
Facility	SEC.06-T2N-R65W		

HOLE & CASING SECTIONS - Ref Wellbore: LEE 7-6 AWB Ref Wellpath: LEE 7-6 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	865.00	850.00	15.00	859.55	0.00	0.00	-69.16	6.24
8.625in Casing Surface	15.00	855.00	840.00	15.00	849.74	0.00	0.00	-67.23	6.37
7.875in Open Hole	865.00	7705.00	6840.00	859.55	7517.77	-69.16	6.24	-1352.10	-44.26

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
LEE 7-6 GEO TARGET 50' RADIUS (1980'FNL & 1980'FEL, REV-1)		6000.00	-1334.44	-41.07	3222438.30	1305499.12	40°10'09.300"N	104°42'14.497"W	circle
LEE 7-6 LEGAL BOX (106'S,294'N,184'E, 216'W OF GEO TARGET)		6000.00	-1240.44	-57.08	3222421.44	1305592.97	40°10'10.229"N	104°42'14.703"W	square

WELLPATH COMPOSITION - Ref Wellbore: LEE 7-6 AWB Ref Wellpath: LEE 7-6 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
15.00	7655.00	NaviTrak (Standard)	BHI MWD SURVEY <244-7655>	LEE 7-6 AWB
7655.00	7705.00	Blind Drilling (std)	Projection to bit	LEE 7-6 AWB



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Area	COLORADO	Well	LEE 7-6
Field	WELD COUNTY (KERR MCGEE)	Wellbore	LEE 7-6 AWB
Facility	SEC.06-T2N-R65W		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
7655.00	3.200	118.400	7467.85	LAST BHI MWD SURVEY
7705.00	3.200	118.400	7517.77	PROJECTION TO BIT