





Actual Wellpath Report

LEE 25-6 AWP

Page 1 of 5



REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#03 LEE 25-6 (646'FNL & 1970'FEL)
Area	COLORADO	Well	LEE 25-6
Field	WELD COUNTY (KERR MCGEE)	Wellbore	LEE 25-6 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 3:04:38 PM
Convergence at slot	0.51° East	Database/Source file	WA_Denver/_LEE_25-6_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	-32.12	3222451.47	1306833.68	40°10'22.487"N	104°42'14.173"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#03 LEE 25-6 (646'FNL & 1970'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	198.24°



Actual Wellpath Report

LEE 25-6 AWP

Page 2 of 5



REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#03 LEE 25-6 (646'FNL & 1970'FEL)
Area	COLORADO	Well	LEE 25-6
Field	WELD COUNTY (KERR MCGEE)	Wellbore	LEE 25-6 AWB
Facility	SEC.06-T2N-R65W		

WELLPATH DATA (89 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	352.600	0.00	0.00	0.00	0.00	0.00	
15.00	0.000	352.600	15.00	0.00	0.00	0.00	0.00	
151.00	0.100	352.600	151.00	-0.11	0.12	-0.02	0.07	
244.00	2.400	215.500	243.97	1.68	-1.39	-1.16	2.66	
337.00	4.800	209.900	336.78	7.35	-6.35	-4.23	2.61	
429.00	6.200	222.200	428.36	15.66	-13.36	-9.48	1.98	
516.00	7.600	220.400	514.73	25.28	-21.23	-16.37	1.63	
607.00	8.700	204.200	604.82	37.70	-32.09	-23.09	2.79	
695.00	10.700	203.200	691.56	52.46	-45.67	-29.04	2.28	
790.00	11.600	197.200	784.77	70.80	-62.90	-35.34	1.54	
881.00	11.000	197.500	874.00	88.63	-79.92	-40.65	0.66	
971.00	11.700	197.900	962.24	106.34	-96.79	-46.04	0.78	
1059.00	13.100	198.300	1048.19	125.24	-114.75	-51.91	1.59	
1149.00	14.200	195.100	1135.64	146.46	-135.09	-57.99	1.48	
1238.00	16.000	194.700	1221.57	169.60	-157.50	-63.95	2.03	
1328.00	17.800	201.100	1307.69	195.73	-182.34	-72.05	2.87	
1418.00	21.100	201.400	1392.54	225.65	-210.26	-82.92	3.67	
1507.00	23.400	203.900	1474.91	259.24	-241.34	-95.92	2.79	
1597.00	24.300	201.800	1557.22	295.51	-274.87	-110.04	1.37	
1687.00	26.200	200.400	1638.62	333.85	-310.69	-123.85	2.21	
1775.00	25.500	196.100	1717.82	372.19	-347.10	-135.87	2.27	
1865.00	25.000	193.300	1799.23	410.50	-384.23	-145.62	1.44	
1952.00	24.300	190.900	1878.30	446.57	-419.70	-153.23	1.40	
2040.00	24.800	189.100	1958.34	482.75	-455.70	-159.58	1.02	
2128.00	24.600	185.100	2038.30	518.81	-492.17	-164.12	1.91	
2217.00	23.000	188.100	2119.73	553.97	-527.84	-168.22	2.25	
2306.00	22.100	187.700	2201.92	587.55	-561.65	-172.91	1.03	
2394.00	20.000	192.300	2284.05	618.79	-592.76	-178.34	3.03	
2485.00	20.300	202.500	2369.51	650.02	-622.56	-187.70	3.87	
2573.00	22.400	207.700	2451.47	681.79	-651.51	-201.34	3.21	
2660.00	21.000	200.000	2532.32	713.73	-680.84	-214.38	3.64	
2747.00	21.300	204.200	2613.47	745.03	-709.91	-226.19	1.78	
2837.00	21.200	205.600	2697.35	777.43	-739.49	-239.92	0.57	
2928.00	21.500	204.600	2782.10	810.32	-769.49	-253.97	0.52	
3018.00	23.700	207.000	2865.19	844.60	-800.61	-269.05	2.65	
3106.00	26.700	205.600	2944.81	881.69	-834.21	-285.63	3.48	
3193.00	27.900	199.000	3022.13	921.44	-871.09	-300.70	3.74	
3282.00	26.900	199.300	3101.15	962.39	-909.78	-314.14	1.13	
3371.00	27.900	198.300	3180.16	1003.35	-948.55	-327.33	1.24	
3461.00	26.500	196.100	3260.21	1044.47	-987.84	-339.51	1.92	
3552.00	25.700	193.300	3341.93	1084.42	-1026.55	-349.68	1.61	
3642.00	25.300	196.100	3423.17	1123.08	-1064.02	-359.50	1.41	
3729.00	23.800	199.000	3502.30	1159.21	-1098.48	-370.37	2.21	
3819.00	23.600	196.800	3584.71	1195.38	-1132.90	-381.49	1.01	
3907.00	23.200	198.300	3665.48	1230.33	-1166.22	-392.03	0.82	



Actual Wellpath Report

LEE 25-6 AWP

Page 3 of 5



REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#03 LEE 25-6 (646'FNL & 1970'FEL)
Area	COLORADO	Well	LEE 25-6
Field	WELD COUNTY (KERR MCGEE)	Wellbore	LEE 25-6 AWP
Facility	SEC.06-T2N-R65W		

WELLPATH DATA (89 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
3998.00	22.300	195.400	3749.40	1265.50	-1199.88	-402.24	1.58	
4089.00	21.100	201.800	3833.96	1299.09	-1231.74	-412.91	2.91	
4179.00	22.100	199.300	3917.64	1332.19	-1262.77	-424.52	1.51	
4270.00	23.100	199.300	4001.65	1367.16	-1295.77	-436.08	1.10	
4359.00	24.300	199.700	4083.15	1402.92	-1329.49	-448.03	1.36	
4447.00	25.200	200.400	4163.06	1439.74	-1364.10	-460.66	1.08	
4536.00	27.300	201.400	4242.88	1479.06	-1400.86	-474.71	2.41	
4627.00	25.800	198.600	4324.28	1519.70	-1439.07	-488.64	2.15	
4717.00	24.900	202.100	4405.62	1558.19	-1475.18	-502.02	1.94	
4807.00	26.100	202.800	4486.85	1596.83	-1510.99	-516.82	1.37	
4897.00	25.400	198.700	4567.92	1635.87	-1547.53	-530.68	2.13	
4987.00	23.600	197.200	4649.82	1673.19	-1583.02	-542.20	2.12	
5078.00	22.300	194.400	4733.61	1708.63	-1617.15	-551.88	1.87	
5167.00	20.300	193.000	4816.53	1740.86	-1648.55	-559.55	2.32	
5256.00	17.100	189.800	4900.82	1769.18	-1676.50	-565.26	3.77	
5346.00	14.900	186.300	4987.33	1793.60	-1701.04	-568.78	2.67	
5436.00	13.200	183.500	5074.64	1814.86	-1722.80	-570.68	2.03	
5525.00	12.000	182.100	5161.49	1833.57	-1742.19	-571.63	1.39	
5614.00	9.900	194.000	5248.88	1850.09	-1758.86	-573.83	3.46	
5704.00	7.000	197.500	5337.89	1863.30	-1771.60	-577.35	3.27	
5793.00	5.600	196.100	5426.35	1873.06	-1780.95	-580.18	1.58	
5883.00	4.900	206.000	5515.98	1881.25	-1788.62	-583.08	1.27	
5973.00	4.000	197.900	5605.71	1888.20	-1795.06	-585.73	1.22	
6064.00	2.900	194.400	5696.54	1893.67	-1800.31	-587.28	1.23	
6153.00	2.300	183.800	5785.45	1897.65	-1804.28	-587.96	0.86	
6241.00	1.900	176.100	5873.39	1900.71	-1807.49	-587.98	0.56	
6330.00	2.200	169.400	5962.33	1903.57	-1810.65	-587.56	0.43	
6418.00	2.200	171.500	6050.27	1906.56	-1813.98	-587.00	0.09	
6506.00	1.700	177.200	6138.22	1909.29	-1816.95	-586.69	0.61	
6596.00	1.100	210.200	6228.19	1911.38	-1819.03	-587.06	1.09	
6730.00	1.000	221.800	6362.17	1913.71	-1821.01	-588.49	0.17	
6866.00	0.800	228.800	6498.15	1915.61	-1822.52	-589.99	0.17	
7000.00	0.700	230.200	6632.14	1917.11	-1823.66	-591.32	0.08	
7132.00	0.700	239.000	6764.13	1918.41	-1824.60	-592.64	0.08	
7267.00	0.900	237.300	6899.12	1919.86	-1825.59	-594.23	0.15	
7399.00	0.700	228.100	7031.10	1921.36	-1826.69	-595.71	0.18	
7533.00	0.700	177.900	7165.10	1922.84	-1828.06	-596.29	0.44	
7665.00	1.300	127.600	7297.08	1924.09	-1829.78	-595.07	0.76	
7800.00	2.700	107.200	7431.99	1924.54	-1831.65	-590.82	1.15	
7933.00	3.800	97.400	7564.78	1923.66	-1833.14	-583.46	0.92	
8067.00	3.200	97.000	7698.53	1922.09	-1834.17	-575.34	0.45	
8244.00	2.300	92.400	7875.32	1920.16	-1834.92	-566.89	0.52	
8285.00	2.100	90.700	7916.29	1919.71	-1834.97	-565.31	0.51	LAST LEE 25-6 OWB BHI MWD SURVEY
8335.00	2.100	90.700	7966.26	1919.15	-1834.99	-563.48	0.00	LEE 25-6 OWB PROJECTION TO BIT



Actual Wellpath Report

LEE 25-6 AWP

Page 4 of 5



REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#03 LEE 25-6 (646'FNL & 1970'FEL)
Area	COLORADO	Well	LEE 25-6
Field	WELD COUNTY (KERR MCGEE)	Wellbore	LEE 25-6 AWB
Facility	SEC.06-T2N-R65W		

HOLE & CASING SECTIONS - Ref Wellbore: LEE 25-6 AWB Ref Wellpath: LEE 25-6 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	845.00	830.00	15.00	838.68	0.00	0.00	-73.30	-38.57
8.625in Casing Surface	15.00	835.00	820.00	15.00	828.87	0.00	0.00	-71.43	-37.99
7.875in Open Hole	845.00	8335.00	7490.00	838.68	7966.26	-73.30	-38.57	-1834.99	-563.48

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
LEE 25-6 GEO TARGET 50' RADIUS (2470'FNL & 2550'FEL, REV-1)		6000.00	-1823.00	-600.87	3221867.01	1305005.44	40°10'04.472"N	104°42'21.913"W	circle
LEE 25-6 HARDLINE 336'W		6000.00	-1822.96	-686.89	3221781.00	1305004.71	40°10'04.472"N	104°42'23.021"W	point
LEE 25-6 HARDLINE 50'S		6000.00	-1934.96	-600.89	3221868.00	1304893.49	40°10'03.366"N	104°42'21.913"W	point

WELLPATH COMPOSITION - Ref Wellbore: LEE 25-6 AWB Ref Wellpath: LEE 25-6 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
15.00	8285.00	NaviTrak (Standard)	BHI MWD SURVEY <151-8285>	LEE 25-6 AWB
8285.00	8335.00	Blind Drilling (std)	Projection to bit	LEE 25-6 AWB



Actual Wellpath Report

LEE 25-6 AWP

Page 5 of 5



REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#03 LEE 25-6 (646'FNL & 1970'FEL)
Area	COLORADO	Well	LEE 25-6
Field	WELD COUNTY (KERR MCGEE)	Wellbore	LEE 25-6 AWB
Facility	SEC.06-T2N-R65W		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
8285.00	2.100	90.700	7916.29	LAST LEE 25-6 OWB BHI MWD SURVEY
8335.00	2.100	90.700	7966.26	LEE 25-6 OWB PROJECTION TO BIT