





# Actual Wellpath Report

CANNON 37-3\_AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#09 CANNON 37-3 (495'FSL & 2121'FEL)
Area	COLORADO	Well	CANNON 37-3
Field	WELD COUNTY (KERR MCGEE)	Wellbore	CANNON 37-3_AWB
Facility	SEC.03-T2N-R65W		

REPORT SETUP INFORMATION			
Projection System	NAD83 / Lambert Colorado SP, Northern Zone (501), US feet	Software System	WellArchitect® 3.0.0
North Reference	True	User	Doddanna
Scale	0.999958	Report Generated	9/12/2011 at 10:33:54 AM
Convergence at slot	0.55° East	Database/Source file	WA_Denver/CANNON_37-3_AWB.xml

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-3065.56	-523.75	3238115.97	1302950.43	40°09'42.674"N	104°38'52.861"W
Facility Reference Pt			3238610.16	1306020.75	40°10'12.968"N	104°38'46.115"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	4868.00ft
Horizontal Reference Pt	Slot	XTREME 12 (RKB) to Mean Sea Level	4868.00ft
Vertical Reference Pt	XTREME 12 (RKB)	XTREME 12 (RKB) to Mud Line at Slot (SLOT#09 CANNON 37-3 (495'FSL & 2121'FEL))	4868.00ft
MD Reference Pt	XTREME 12 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	118.30°



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WELLPATH DATA (76 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	179.600	0.00	0.00	0.00	0.00	0.00	
15.00	0.000	179.600	15.00	0.00	0.00	0.00	0.00	
150.00	0.300	179.600	150.00	0.17	-0.35	0.00	0.22	
242.00	0.800	119.100	242.00	0.93	-0.91	0.57	0.76	
334.00	2.100	119.100	333.96	3.26	-2.04	2.60	1.41	
426.00	3.300	122.300	425.86	7.58	-4.27	6.31	1.31	
518.00	4.800	113.900	517.63	14.06	-7.25	12.07	1.75	
609.00	6.900	116.300	608.15	23.32	-11.21	20.45	2.32	
726.00	9.000	115.300	724.02	39.49	-18.24	35.03	1.80	
777.00	8.900	113.500	774.40	47.40	-21.52	42.25	0.58	
868.00	10.200	117.700	864.14	62.47	-28.07	55.84	1.62	
959.00	12.300	118.800	953.38	80.23	-36.49	71.47	2.32	
1049.00	14.600	118.400	1040.91	101.16	-46.50	89.85	2.56	
1134.00	16.500	118.400	1122.79	123.94	-57.34	109.89	2.24	
1225.00	17.800	120.200	1209.75	150.77	-70.48	133.28	1.54	
1315.00	19.100	120.500	1295.12	179.23	-84.87	157.86	1.45	
1406.00	18.600	121.900	1381.24	208.59	-100.10	183.01	0.74	
1497.00	19.100	121.600	1467.36	237.94	-115.57	208.01	0.56	
1587.00	19.200	120.500	1552.38	267.43	-130.80	233.31	0.42	
1678.00	18.600	119.500	1638.47	296.89	-145.54	258.83	0.75	
1769.00	17.900	119.800	1724.89	325.38	-159.64	283.60	0.78	
1860.00	17.600	119.100	1811.56	353.12	-173.28	307.75	0.40	
1951.00	17.700	118.100	1898.28	380.71	-186.48	331.98	0.35	
2041.00	17.600	116.300	1984.04	407.99	-198.96	356.25	0.62	
2132.00	17.000	113.500	2070.93	435.00	-210.36	380.78	1.13	
2223.00	17.100	113.200	2157.93	461.58	-220.93	405.28	0.15	
2314.00	16.400	113.200	2245.06	487.70	-231.26	429.38	0.77	
2405.00	16.700	115.300	2332.30	513.55	-241.91	453.01	0.74	
2495.00	16.400	114.900	2418.57	539.15	-252.79	476.23	0.36	
2586.00	16.100	117.200	2505.93	564.59	-263.96	499.10	0.78	
2677.00	16.300	121.900	2593.32	589.95	-276.48	521.17	1.46	
2768.00	17.300	124.800	2680.44	616.14	-290.95	543.12	1.43	
2859.00	18.500	123.000	2767.03	643.97	-306.54	566.34	1.45	
2950.00	17.800	121.900	2853.50	672.25	-321.75	590.26	0.86	
3041.00	18.100	120.200	2940.08	700.26	-336.21	614.28	0.66	
3131.00	17.700	116.300	3025.72	727.90	-349.31	638.63	1.40	
3222.00	16.900	116.700	3112.61	754.95	-361.38	662.85	0.89	
3313.00	16.700	118.100	3199.72	781.25	-373.48	686.20	0.50	
3404.00	15.600	116.700	3287.13	806.55	-385.14	708.67	1.28	
3495.00	13.500	114.900	3375.21	829.39	-395.11	729.23	2.36	
3585.00	10.400	119.800	3463.25	848.00	-403.57	745.82	3.62	
3676.00	9.700	119.500	3552.85	863.88	-411.43	759.62	0.77	
3767.00	7.500	121.900	3642.82	877.47	-418.34	771.33	2.45	
3858.00	7.400	123.000	3733.05	889.24	-424.67	781.29	0.19	
3949.00	6.100	123.000	3823.42	899.90	-430.50	790.26	1.43	



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Field	WELD COUNTY (KERR MCGEE)	Wellbore	CANNON 37-3_AWB
Facility	SEC.03-T2N-R65W		

WELLPATH DATA (76 stations)								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
4039.00	5.900	119.100	3912.93	909.29	-435.35	798.31	0.50	
4130.00	5.400	119.800	4003.49	918.25	-439.75	806.11	0.55	
4221.00	4.200	139.500	4094.17	925.63	-444.42	811.99	2.22	
4312.00	2.200	126.900	4185.03	930.47	-448.00	815.56	2.32	
4403.00	0.700	344.100	4276.01	931.81	-448.51	816.80	3.07	
4539.00	0.900	311.800	4411.99	930.19	-447.00	815.78	0.36	
4675.00	0.900	326.500	4547.98	928.21	-445.40	814.39	0.17	
4811.00	0.400	9.400	4683.97	927.12	-444.04	813.88	0.49	
4947.00	1.400	31.500	4819.95	927.06	-442.16	814.82	0.76	
5083.00	1.400	35.100	4955.91	927.34	-439.38	816.65	0.06	
5219.00	0.900	64.600	5091.88	928.17	-437.56	818.57	0.56	
5355.00	0.900	44.200	5227.87	929.10	-436.34	820.28	0.23	
5492.00	0.400	350.400	5364.86	929.10	-435.10	820.95	0.54	
5628.00	0.300	306.100	5500.86	928.45	-434.42	820.58	0.21	
5764.00	0.300	306.400	5636.86	927.75	-434.00	820.01	0.00	
5901.00	0.900	307.200	5773.85	926.33	-433.13	818.86	0.44	
6037.00	0.600	39.600	5909.84	925.42	-431.94	818.46	0.81	
6173.00	1.100	39.600	6045.82	925.81	-430.38	819.75	0.37	
6309.00	1.100	47.400	6181.80	926.49	-428.50	821.54	0.11	
6446.00	1.000	59.000	6318.78	927.53	-426.99	823.54	0.17	
6583.00	0.900	30.100	6455.76	928.18	-425.44	825.10	0.35	
6719.00	0.300	50.900	6591.75	928.35	-424.29	825.91	0.46	
6855.00	0.200	50.900	6727.75	928.58	-423.92	826.37	0.07	
6991.00	0.100	94.500	6863.75	928.78	-423.78	826.67	0.11	
7126.00	0.100	180.600	6998.75	928.94	-423.91	826.79	0.10	
7262.00	0.300	165.900	7134.75	929.23	-424.37	826.88	0.15	
7398.00	0.300	51.900	7270.75	929.62	-424.50	827.24	0.37	
7534.00	0.300	72.700	7406.74	930.01	-424.17	827.86	0.08	
7716.00	0.200	272.700	7588.74	930.06	-424.01	828.00	0.27	
7821.00	0.400	278.700	7693.74	929.55	-423.95	827.46	0.19	LAST BHI MWD SURVEY
7871.00	0.400	278.700	7743.74	929.22	-423.90	827.11	0.00	PROJECTION TO BIT

HOLE & CASING SECTIONS - Ref Wellbore: CANNON 37-3_AWB Ref Wellpath: CANNON 37-3_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	781.00	766.00	15.00	778.35	0.00	0.00	-21.77	42.82
8.625in Casing Surface	15.00	781.00	766.00	15.00	778.35	0.00	0.00	-21.77	42.82
7.875in Open Hole	781.00	7871.00	7090.00	778.35	7743.74	-21.77	42.82	-423.90	827.11



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Area	COLORADO	Well	CANNON 37-3
Field	WELD COUNTY (KERR MCGEE)	Wellbore	CANNON 37-3_AWB
Facility	SEC.03-T2N-R65W		

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
CANNON 37-3 GEO TARGET 50' RADIUS (50'FSL & 1290'FEL, REV-1)		6000.00	-444.73	825.94	3238946.11	1302513.67	40°09'38.279"N	104°38'42.223"W	circle
CANNON 37-3 HARDLINE 50'S OF GEO TARGET		6000.00	-494.75	825.92	3238946.57	1302463.66	40°09'37.785"N	104°38'42.223"W	point

WELLPATH COMPOSITION - Ref Wellbore: CANNON 37-3_AWB					Ref Wellpath: CANNON 37-3_AWP	
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment		Wellbore	
15.00	726.00	NaviTrak (Standard)	BHI MWD NAVITRAK 12.25 <150-726>		CANNON 37-3_AWB	
726.00	7821.00	VertiTrak	BHI MWD VERTITRAK 7.875 <777-7821>		CANNON 37-3_AWB	
7821.00	7871.00	Blind Drilling (std)	Projection to bit		CANNON 37-3_AWB	