



Actual Wellpath Report

CANNON 19-3_AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#17 CANNON 19-3 (550'FSL & 623'FWL)
Area	COLORADO	Well	CANNON 19-3
Field	WELD COUNTY (KERR MCGEE)	Wellbore	CANNON 19-3_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 12:13:15 PM
Convergence at slot	0.54° East	Database/Source file	WA_Denver/CANNON_19-3_AWB.xml

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-3012.55	-3054.63	3235584.81	1302979.06	40°09'43.196"N	104°39'25.459"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	4867.00ft
Horizontal Reference Pt	Slot	XTREME 12 (RKB) to Mean Sea Level	4867.00ft
Vertical Reference Pt	XTREME 12 (RKB)	XTREME 12 (RKB) to Mud Line at Slot (SLOT#17 CANNON 19-3 (550'FSL & 623'FWL))	4867.00ft
MD Reference Pt	XTREME 12 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	46.03°



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WELLPATH DATA (83 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	312.500	0.00	0.00	0.00	0.00	0.00	
15.00	0.000	312.500	15.00	0.00	0.00	0.00	0.00	
150.00	1.100	312.500	149.99	-0.08	0.88	-0.96	0.81	
242.00	1.600	16.500	241.97	0.98	2.70	-1.24	1.62	
334.00	3.400	41.100	333.88	4.82	5.99	0.92	2.23	
426.00	5.000	46.000	425.63	11.55	10.83	5.59	1.78	
518.00	6.900	56.200	517.13	21.00	16.69	13.07	2.36	
609.00	8.200	55.200	607.34	32.78	23.44	22.94	1.44	
684.00	9.600	57.300	681.44	44.20	29.87	32.60	1.92	
733.00	10.100	56.900	729.72	52.42	34.42	39.64	1.03	
824.00	12.000	54.100	819.03	69.63	44.33	53.98	2.17	
915.00	12.800	54.100	907.90	88.98	55.79	69.81	0.88	
1006.00	14.400	53.400	996.35	110.18	68.44	87.06	1.77	
1089.00	16.300	51.600	1076.38	132.01	81.83	104.48	2.36	
1180.00	16.600	50.900	1163.66	157.67	97.96	124.58	0.40	
1271.00	16.700	51.300	1250.84	183.64	114.34	144.87	0.17	
1362.00	16.500	50.600	1338.05	209.55	130.71	165.06	0.31	
1452.00	17.600	53.700	1424.10	235.77	146.88	185.90	1.59	
1543.00	17.100	53.000	1510.96	262.69	163.08	207.67	0.60	
1634.00	17.300	52.700	1597.89	289.41	179.33	229.12	0.24	
1725.00	17.000	52.700	1684.84	316.06	195.59	250.47	0.33	
1815.00	16.300	51.300	1771.07	341.70	211.46	270.79	0.90	
1906.00	17.100	49.900	1858.23	367.77	228.06	290.99	0.98	
1997.00	17.100	51.300	1945.20	394.44	245.05	311.67	0.45	
2088.00	15.700	51.300	2032.50	420.02	261.11	331.72	1.54	
2178.00	16.500	52.700	2118.97	444.84	276.47	351.39	0.99	
2269.00	16.900	51.300	2206.13	470.85	292.57	371.99	0.62	
2360.00	17.300	50.900	2293.11	497.50	309.37	392.81	0.46	
2451.00	17.100	52.300	2380.04	524.28	326.09	413.90	0.51	
2541.00	17.100	52.000	2466.06	550.60	342.33	434.79	0.10	
2632.00	16.400	50.900	2553.20	576.70	358.67	455.31	0.84	
2722.00	16.000	50.900	2639.63	601.72	374.50	474.79	0.44	
2814.00	16.500	42.800	2727.96	627.40	392.09	493.51	2.52	
2904.00	16.400	39.000	2814.28	652.77	411.34	510.19	1.20	
2995.00	17.700	40.400	2901.28	679.29	431.86	527.24	1.50	
3086.00	17.500	40.400	2988.02	706.67	452.81	545.08	0.22	
3177.00	16.800	39.700	3074.97	733.36	473.35	562.34	0.80	
3268.00	17.100	40.400	3162.02	759.75	493.66	579.42	0.40	
3358.00	17.100	39.300	3248.04	786.06	513.97	596.37	0.36	
3449.00	16.700	39.700	3335.11	812.34	534.39	613.20	0.46	
3540.00	16.400	43.900	3422.34	838.17	553.70	630.46	1.36	
3631.00	16.200	41.100	3509.69	863.66	572.53	647.71	0.89	
3722.00	16.900	41.100	3596.92	889.48	592.06	664.75	0.77	
3812.00	16.700	43.200	3683.08	915.43	611.34	682.20	0.71	
3903.00	16.100	42.800	3770.37	941.09	630.13	699.73	0.67	



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Area	COLORADO	Well	CANNON 19-3
Field	WELD COUNTY (KERR MCGEE)	Wellbore	CANNON 19-3_AWB
Facility	SEC.03-T2N-R65W		

WELLPATH DATA (83 stations)								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
3994.00	14.800	46.000	3858.09	965.31	647.47	716.66	1.71	
4085.00	16.000	47.800	3945.82	989.47	663.97	734.31	1.42	
4176.00	17.600	41.200	4032.94	1015.72	682.74	752.67	2.73	
4266.00	17.600	39.300	4118.73	1042.79	703.51	770.25	0.64	
4357.00	16.400	36.900	4205.75	1069.14	724.43	786.68	1.53	
4448.00	16.000	45.000	4293.15	1094.36	743.58	803.26	2.52	
4539.00	15.600	42.500	4380.71	1119.12	761.47	820.40	0.87	
4629.00	16.000	39.300	4467.31	1143.51	779.99	836.43	1.07	
4720.00	15.700	38.600	4554.85	1168.18	799.31	852.06	0.39	
4811.00	17.300	38.600	4642.10	1193.80	819.51	868.18	1.76	
4902.00	15.300	37.600	4729.44	1219.10	839.60	883.95	2.22	
4992.00	14.200	37.600	4816.47	1241.77	857.76	897.93	1.22	
5083.00	13.600	45.000	4904.81	1263.51	874.17	912.31	2.06	
5174.00	12.000	43.900	4993.55	1283.66	888.55	926.43	1.78	
5265.00	11.500	43.500	5082.64	1302.17	901.94	939.23	0.56	
5355.00	10.400	45.000	5171.00	1319.26	914.20	951.15	1.26	
5446.00	8.100	40.700	5260.81	1333.86	924.87	961.14	2.64	
5537.00	7.900	36.900	5350.93	1346.42	934.73	969.08	0.62	
5628.00	6.200	49.900	5441.24	1357.49	942.90	976.60	2.55	
5719.00	4.000	49.900	5531.88	1365.56	948.11	982.78	2.42	
5809.00	2.600	49.900	5621.73	1370.73	951.44	986.75	1.56	
5900.00	1.200	35.800	5712.67	1373.73	953.55	988.88	1.61	
5991.00	0.300	196.500	5803.67	1374.46	954.09	989.37	1.63	
6127.00	0.400	224.300	5939.67	1373.68	953.41	988.94	0.14	
6263.00	0.700	286.100	6075.66	1372.79	953.30	987.81	0.46	
6400.00	1.000	305.800	6212.65	1372.16	954.23	986.04	0.30	
6536.00	1.300	284.700	6348.62	1371.14	955.32	983.58	0.38	
6672.00	1.800	125.600	6484.60	1370.73	954.46	983.83	2.24	
6808.00	1.700	133.200	6620.54	1371.22	951.84	987.03	0.19	
6944.00	2.600	110.000	6756.44	1372.67	949.40	991.40	0.91	
7080.00	2.400	106.800	6892.31	1375.41	947.53	997.03	0.18	
7216.00	1.900	113.500	7028.22	1377.67	945.80	1001.82	0.41	
7352.00	1.500	161.700	7164.16	1377.76	943.21	1004.45	1.06	
7489.00	1.100	190.500	7301.13	1375.91	940.22	1004.77	0.55	
7625.00	1.000	226.700	7437.11	1373.67	938.12	1003.67	0.48	
7761.00	0.500	270.000	7573.10	1372.05	937.31	1002.21	0.53	
7850.00	0.400	272.400	7662.09	1371.56	937.32	1001.51	0.11	LAST BHI MWD SURVEY
7900.00	0.400	272.400	7712.09	1371.32	937.34	1001.16	0.00	PROJECTION TO BIT



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Area	COLORADO	Well	CANNON 19-3
Field	WELD COUNTY (KERR MCGEE)	Wellbore	CANNON 19-3_AWB
Facility	SEC.03-T2N-R65W		

HOLE & CASING SECTIONS - Ref Wellbore: CANNON 19-3_AWB Ref Wellpath: CANNON 19-3_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	739.00	724.00	15.00	735.62	0.00	0.00	35.00	40.52
8.625in Casing Surface	15.00	739.00	724.00	15.00	735.62	0.00	0.00	35.00	40.52
7.875in Open Hole	739.00	7900.00	7161.00	735.62	7712.09	35.00	40.52	937.34	1001.16

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
CANNON 19-3 GEO TARGET 50' RADIUS (1505'FSL & 1605'FWL, REV-1)		6000.00	955.98	991.05	3236566.69	1303944.37	40°09'52.643"N	104°39'12.694"W	circle
CANNON 19-3 LEGAL BOX (222°N,578°S,114E,686°W OF GEO TARGET)		6000.00	777.98	705.05	3236282.40	1303763.67	40°09'50.884"N	104°39'16.378"W	square

WELLPATH COMPOSITION - Ref Wellbore: CANNON 19-3_AWB Ref Wellpath: CANNON 19-3_AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
15.00	684.00	NaviTrak (Standard)	BHI MWD NAVITRAK 12.25 <150-684>	CANNON 19-3_AWB
684.00	7850.00	NaviTrak (Standard)	BHI MWD NAVITRAK 7.875 <733-7850>	CANNON 19-3_AWB
7850.00	7900.00	Blind Drilling (std)	Projection to bit	CANNON 19-3_AWB