

Actual Wellpath Report

SICKLER 27C-34HZ AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	KERR-MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#10 SICKLER 27C-34HZ (381'FSL & 1473'FEL, SEC.34)
Area	COLORADO	Well	SICKLER 27C-34HZ
Field	WELD COUNTY (KERR MCGEE)	Wellbore	SICKLER 27C-34HZ AWP
Facility	SEC.34-T2N-R67W		

REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Colorado SP, Northern Zone (501), US feet	Software System	WellArchitect® 4.0.0
North Reference	True	User	Robiale01
Scale	0.999961	Report Generated	17/Jul/2014 at 09:16
Convergence at slot	n/a	Database/Source file	WellArchitectDB/SICKLER_27C-34HZ_AWP.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-4532.78	2594.46	3175444.62	1275725.59	40°05'18.798"N	104°52'22.570"W
Facility Reference Pt			3172818.76	1280239.99	40°06'03.593"N	104°52'55.951"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 6 (16' RKB) (RKB) to Facility Vertical Datum	4965.00ft
Horizontal Reference Pt	Slot	XTREME 6 (16' RKB) (RKB) to Mean Sea Level	4965.00ft
Vertical Reference Pt	XTREME 6 (16' RKB) (RKB)	XTREME 6 (16' RKB) (RKB) to Mud Line at Slot (SLOT#10 SICKLER 27C-34HZ (381'FSL & 1473'FEL, SEC.34))	4965.00ft
MD Reference Pt	XTREME 6 (16' RKB) (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	4.94°

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Field	WELD COUNTY (KERR MCGEE)	Wellbore	SICKLER 27C-34HZ AWB
Facility	SEC.34-T2N-R67W		

WELLPATH DATA (162 stations) † = interpolated/extrapolated station										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00†	0.000	181.000	0.00	0.00	0.00	0.00	40°05'18.798"N	104°52'22.570"W	0.00	
16.00	0.000	181.000	16.00	0.00	0.00	0.00	40°05'18.798"N	104°52'22.570"W	0.00	TIE ON
116.00	0.630	181.000	116.00	-0.55	-0.55	-0.01	40°05'18.793"N	104°52'22.570"W	0.63	BEGIN GYROS SURVEYS
216.00	0.490	201.050	215.99	-1.51	-1.50	-0.17	40°05'18.783"N	104°52'22.572"W	0.24	
316.00	0.240	225.690	315.99	-2.08	-2.04	-0.48	40°05'18.778"N	104°52'22.576"W	0.29	
416.00	0.100	88.900	415.99	-2.23	-2.19	-0.54	40°05'18.776"N	104°52'22.577"W	0.32	
516.00	0.630	119.050	515.99	-2.44	-2.45	0.03	40°05'18.774"N	104°52'22.570"W	0.55	
616.00	0.690	157.800	615.98	-3.20	-3.28	0.74	40°05'18.766"N	104°52'22.561"W	0.44	
716.00	0.560	171.240	715.98	-4.21	-4.32	1.04	40°05'18.755"N	104°52'22.557"W	0.20	
816.00	0.480	213.380	815.97	-5.06	-5.15	0.88	40°05'18.747"N	104°52'22.559"W	0.38	
916.00	0.350	262.690	915.97	-5.49	-5.54	0.35	40°05'18.743"N	104°52'22.566"W	0.37	
1016.00	0.260	110.740	1015.97	-5.62	-5.66	0.26	40°05'18.742"N	104°52'22.567"W	0.59	
1116.00	0.400	136.820	1115.97	-5.91	-5.99	0.71	40°05'18.739"N	104°52'22.561"W	0.20	
1206.00	0.420	164.910	1205.97	-6.43	-6.54	1.01	40°05'18.733"N	104°52'22.557"W	0.22	TIE ONTO GYRO SURVEYS
1337.00	0.490	174.990	1336.96	-7.43	-7.56	1.18	40°05'18.723"N	104°52'22.555"W	0.08	BEGIN BHI MWD+IFR SURVEYS
1428.00	0.590	164.540	1427.96	-8.26	-8.40	1.34	40°05'18.715"N	104°52'22.553"W	0.15	
1520.00	2.300	156.010	1519.93	-10.32	-10.55	2.22	40°05'18.694"N	104°52'22.541"W	1.87	
1609.00	4.110	157.600	1608.78	-14.71	-15.13	4.16	40°05'18.649"N	104°52'22.516"W	2.04	
1701.00	4.500	160.510	1700.52	-20.93	-21.58	6.62	40°05'18.585"N	104°52'22.485"W	0.49	
1793.00	5.820	160.300	1792.15	-28.45	-29.37	9.40	40°05'18.508"N	104°52'22.449"W	1.43	
1885.00	7.280	156.170	1883.55	-37.80	-39.10	13.33	40°05'18.412"N	104°52'22.399"W	1.67	
1976.00	8.390	153.690	1973.69	-48.53	-50.32	18.60	40°05'18.301"N	104°52'22.331"W	1.27	
2067.00	10.710	158.030	2063.43	-61.75	-64.12	24.71	40°05'18.164"N	104°52'22.252"W	2.67	
2158.00	12.080	157.760	2152.63	-77.76	-80.77	31.47	40°05'18.000"N	104°52'22.165"W	1.51	
2249.00	13.610	156.060	2241.35	-95.61	-99.37	39.42	40°05'17.816"N	104°52'22.063"W	1.73	
2340.00	15.180	153.530	2329.49	-115.16	-119.82	49.08	40°05'17.614"N	104°52'21.939"W	1.86	
2430.00	14.570	151.690	2416.48	-134.68	-140.34	59.70	40°05'17.411"N	104°52'21.802"W	0.86	
2521.00	14.800	155.460	2504.51	-154.37	-160.99	69.96	40°05'17.207"N	104°52'21.670"W	1.08	
2611.00	15.850	157.530	2591.31	-175.29	-182.81	79.43	40°05'16.991"N	104°52'21.548"W	1.32	
2703.00	14.360	157.470	2680.13	-196.57	-204.95	88.60	40°05'16.773"N	104°52'21.430"W	1.62	
2788.00	15.920	157.100	2762.17	-216.23	-225.43	97.18	40°05'16.570"N	104°52'21.320"W	1.84	
2873.00	14.740	154.370	2844.15	-235.85	-245.92	106.39	40°05'16.368"N	104°52'21.201"W	1.63	
2956.00	16.950	153.970	2923.99	-255.32	-266.31	116.27	40°05'16.166"N	104°52'21.074"W	2.67	
3042.00	15.970	152.970	3006.46	-276.11	-288.12	127.15	40°05'15.951"N	104°52'20.934"W	1.19	
3127.00	14.790	152.850	3088.42	-295.22	-308.19	137.41	40°05'15.752"N	104°52'20.802"W	1.39	
3212.00	15.250	154.530	3170.52	-314.06	-327.93	147.17	40°05'15.557"N	104°52'20.676"W	0.75	
3298.00	15.770	155.350	3253.38	-333.97	-348.77	156.91	40°05'15.351"N	104°52'20.551"W	0.66	
3383.00	14.670	155.150	3335.40	-353.36	-369.03	166.25	40°05'15.151"N	104°52'20.431"W	1.30	
3468.00	15.320	156.250	3417.51	-372.55	-389.08	175.29	40°05'14.953"N	104°52'20.315"W	0.83	
3553.00	15.710	156.550	3499.41	-392.53	-409.91	184.40	40°05'14.747"N	104°52'20.198"W	0.47	
3639.00	13.720	158.270	3582.58	-411.89	-430.07	192.81	40°05'14.548"N	104°52'20.089"W	2.37	
3724.00	15.500	154.980	3664.83	-430.74	-449.73	201.34	40°05'14.354"N	104°52'19.980"W	2.31	
3809.00	15.440	153.280	3746.75	-450.21	-470.13	211.23	40°05'14.152"N	104°52'19.852"W	0.54	
3894.00	15.880	153.500	3828.60	-469.76	-490.64	221.51	40°05'13.949"N	104°52'19.720"W	0.52	
3979.00	14.860	153.140	3910.56	-488.95	-510.77	231.62	40°05'13.750"N	104°52'19.590"W	1.21	

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Area	COLORADO	Well	SICKLER 27C-34HZ
Field	WELD COUNTY (KERR MCGEE)	Wellbore	SICKLER 27C-34HZ AWB
Facility	SEC.34-T2N-R67W		

WELLPATH DATA (162 stations)										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
4065.00	15.970	152.550	3993.46	-508.31	-531.11	242.06	40°05'13.549"N	104°52'19.456"W	1.30	
4150.00	14.510	151.220	4075.47	-527.05	-550.82	252.58	40°05'13.355"N	104°52'19.320"W	1.77	
4235.00	14.330	155.650	4157.80	-545.08	-569.74	262.04	40°05'13.168"N	104°52'19.199"W	1.31	
4320.00	16.720	154.490	4239.69	-564.80	-590.36	271.65	40°05'12.964"N	104°52'19.075"W	2.84	
4405.00	16.380	154.020	4321.17	-585.62	-612.17	282.16	40°05'12.748"N	104°52'18.940"W	0.43	
4491.00	14.600	153.490	4404.04	-605.27	-632.77	292.31	40°05'12.545"N	104°52'18.809"W	2.08	
4576.00	15.200	152.110	4486.18	-623.78	-652.20	302.31	40°05'12.353"N	104°52'18.681"W	0.82	
4660.00	15.700	154.520	4567.15	-642.83	-672.20	312.35	40°05'12.155"N	104°52'18.551"W	0.97	
4745.00	16.670	158.980	4648.78	-663.71	-693.96	321.67	40°05'11.940"N	104°52'18.431"W	1.85	
4830.00	16.310	159.300	4730.28	-685.43	-716.50	330.26	40°05'11.717"N	104°52'18.321"W	0.44	
4915.00	16.120	159.600	4811.90	-706.86	-738.73	338.59	40°05'11.498"N	104°52'18.214"W	0.24	
5000.00	15.670	159.780	4893.65	-727.92	-760.56	346.67	40°05'11.282"N	104°52'18.110"W	0.53	
5085.00	14.910	160.210	4975.64	-748.24	-781.62	354.34	40°05'11.074"N	104°52'18.011"W	0.90	
5170.00	14.000	159.560	5057.95	-767.46	-801.55	361.64	40°05'10.877"N	104°52'17.917"W	1.09	
5254.00	13.550	159.540	5139.54	-785.53	-820.29	368.63	40°05'10.692"N	104°52'17.827"W	0.54	
5339.00	11.600	158.830	5222.49	-802.20	-837.59	375.19	40°05'10.521"N	104°52'17.743"W	2.30	
5425.00	9.730	159.040	5307.00	-816.51	-852.44	380.92	40°05'10.374"N	104°52'17.669"W	2.17	
5509.00	8.180	162.070	5389.98	-828.40	-864.75	385.29	40°05'10.252"N	104°52'17.613"W	1.93	
5595.00	7.360	149.830	5475.19	-838.54	-875.34	389.95	40°05'10.148"N	104°52'17.553"W	2.14	
5680.00	6.900	148.050	5559.54	-847.08	-884.38	395.39	40°05'10.058"N	104°52'17.483"W	0.60	
5765.00	4.910	145.340	5644.08	-853.97	-891.70	400.16	40°05'09.986"N	104°52'17.422"W	2.36	
5850.00	3.710	137.490	5728.84	-858.63	-896.72	404.08	40°05'09.936"N	104°52'17.371"W	1.57	
5934.00	1.550	150.130	5812.75	-861.40	-899.71	406.49	40°05'09.907"N	104°52'17.340"W	2.65	
6020.00	1.110	159.320	5898.72	-863.11	-901.50	407.36	40°05'09.889"N	104°52'17.329"W	0.57	
6105.00	1.090	159.540	5983.71	-864.58	-903.03	407.93	40°05'09.874"N	104°52'17.322"W	0.02	
6190.00	1.050	159.490	6068.69	-866.02	-904.51	408.49	40°05'09.859"N	104°52'17.314"W	0.05	
6360.00	0.740	158.450	6238.67	-868.40	-906.99	409.44	40°05'09.835"N	104°52'17.302"W	0.18	
6531.00	0.800	127.590	6409.66	-870.04	-908.75	410.79	40°05'09.818"N	104°52'17.285"W	0.24	
6701.00	0.980	141.470	6579.64	-871.73	-910.61	412.63	40°05'09.799"N	104°52'17.261"W	0.16	
6870.00	0.900	162.870	6748.62	-874.01	-913.01	413.93	40°05'09.775"N	104°52'17.245"W	0.21	
7041.00	0.880	186.390	6919.60	-876.57	-915.60	414.18	40°05'09.750"N	104°52'17.241"W	0.21	
7083.00	0.910	239.410	6961.59	-877.09	-916.09	413.85	40°05'09.745"N	104°52'17.245"W	1.90	
7126.00	4.530	335.540	7004.55	-875.80	-914.71	412.85	40°05'09.759"N	104°52'17.258"W	10.96	
7168.00	8.410	349.640	7046.27	-871.39	-910.18	411.62	40°05'09.803"N	104°52'17.274"W	9.91	
7211.00	10.190	357.040	7088.71	-864.59	-903.29	410.85	40°05'09.872"N	104°52'17.284"W	4.98	
7254.00	13.800	356.650	7130.76	-855.75	-894.37	410.36	40°05'09.960"N	104°52'17.290"W	8.40	
7296.00	18.620	354.640	7171.08	-844.19	-882.68	409.44	40°05'10.075"N	104°52'17.302"W	11.55	
7339.00	22.720	354.600	7211.30	-829.26	-867.58	408.01	40°05'10.224"N	104°52'17.321"W	9.53	
7381.00	25.030	359.620	7249.71	-812.43	-850.61	407.19	40°05'10.392"N	104°52'17.331"W	7.32	
7424.00	29.700	359.870	7287.89	-792.75	-830.85	407.11	40°05'10.587"N	104°52'17.332"W	10.86	
7467.00	33.180	358.120	7324.57	-770.45	-808.43	406.70	40°05'10.809"N	104°52'17.338"W	8.37	
7510.00	38.600	356.660	7359.39	-745.47	-783.26	405.53	40°05'11.058"N	104°52'17.353"W	12.76	
7552.00	45.340	358.110	7390.60	-717.64	-755.22	404.27	40°05'11.335"N	104°52'17.369"W	16.21	
7595.00	52.180	359.670	7418.93	-685.51	-722.92	403.67	40°05'11.654"N	104°52'17.376"W	16.14	
7637.00	55.270	359.250	7443.78	-651.80	-689.06	403.35	40°05'11.989"N	104°52'17.381"W	7.40	

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7680.00	58.270	359.810	7467.34	-616.00	-653.10	403.05	40°05'12.344"N	104°52'17.384"W	7.06	
7722.00	61.070	0.410	7488.55	-579.88	-616.85	403.13	40°05'12.702"N	104°52'17.383"W	6.78	
7765.00	64.360	359.750	7508.26	-541.81	-578.64	403.18	40°05'13.080"N	104°52'17.383"W	7.77	
7808.00	65.110	0.700	7526.61	-503.05	-539.75	403.33	40°05'13.464"N	104°52'17.381"W	2.65	
7850.00	67.530	1.110	7543.48	-464.69	-501.30	403.94	40°05'13.844"N	104°52'17.373"W	5.83	
7893.00	69.210	1.690	7559.33	-424.79	-461.34	404.92	40°05'14.239"N	104°52'17.360"W	4.10	
7936.00	72.670	0.070	7573.37	-384.26	-420.71	405.53	40°05'14.640"N	104°52'17.352"W	8.80	
7979.00	79.440	0.080	7583.73	-342.70	-379.00	405.59	40°05'15.053"N	104°52'17.352"W	15.74	
7994.00	82.150	0.480	7586.13	-327.95	-364.20	405.66	40°05'15.199"N	104°52'17.351"W	18.26	
8026.00†	85.058	3.708	7589.69	-296.19	-332.42	406.83	40°05'15.513"N	104°52'17.336"W	13.53	7" CASING POINT
8036.00	85.970	4.710	7590.47	-286.22	-322.48	407.56	40°05'15.611"N	104°52'17.326"W	13.53	
8160.00	89.840	4.090	7595.01	-162.34	-198.95	417.06	40°05'16.832"N	104°52'17.204"W	3.16	
8245.00	91.850	2.280	7593.75	-77.39	-114.10	421.78	40°05'17.670"N	104°52'17.143"W	3.18	
8330.00	92.280	2.250	7590.69	7.46	-29.22	425.14	40°05'18.509"N	104°52'17.100"W	0.51	
8416.00	90.950	0.100	7588.26	93.23	56.72	426.90	40°05'19.358"N	104°52'17.077"W	2.94	
8501.00	90.860	359.020	7586.92	177.85	141.70	426.25	40°05'20.198"N	104°52'17.086"W	1.27	
8586.00	90.760	359.310	7585.72	262.41	226.68	425.01	40°05'21.038"N	104°52'17.102"W	0.36	
8671.00	90.550	359.300	7584.75	346.99	311.67	423.98	40°05'21.878"N	104°52'17.115"W	0.25	
8756.00	91.040	358.530	7583.57	431.52	396.65	422.37	40°05'22.718"N	104°52'17.136"W	1.07	
8841.00	89.650	357.780	7583.06	515.92	481.60	419.64	40°05'23.557"N	104°52'17.171"W	1.86	
8927.00	89.960	356.810	7583.35	601.15	567.50	415.58	40°05'24.406"N	104°52'17.223"W	1.18	
9012.00	89.560	358.750	7583.71	685.48	652.43	412.28	40°05'25.245"N	104°52'17.265"W	2.33	
9097.00	89.870	358.330	7584.13	769.95	737.40	410.12	40°05'26.085"N	104°52'17.293"W	0.61	
9182.00	90.000	357.700	7584.23	854.33	822.35	407.17	40°05'26.925"N	104°52'17.331"W	0.76	
9267.00	87.960	357.900	7585.74	938.66	907.27	403.91	40°05'27.764"N	104°52'17.373"W	2.41	
9353.00	87.930	359.850	7588.82	1024.12	993.20	402.22	40°05'28.613"N	104°52'17.395"W	2.27	
9438.00	88.610	1.030	7591.39	1108.82	1078.15	402.88	40°05'29.452"N	104°52'17.386"W	1.60	
9523.00	88.300	359.770	7593.68	1193.52	1163.12	403.47	40°05'30.292"N	104°52'17.379"W	1.53	
9607.00	89.840	1.450	7595.04	1277.26	1247.10	404.37	40°05'31.122"N	104°52'17.367"W	2.71	
9692.00	90.800	1.810	7594.57	1362.12	1332.06	406.78	40°05'31.962"N	104°52'17.336"W	1.21	
9777.00	91.070	1.910	7593.18	1446.98	1417.00	409.54	40°05'32.801"N	104°52'17.300"W	0.34	
9862.00	90.580	1.300	7591.96	1531.83	1501.96	411.92	40°05'33.641"N	104°52'17.270"W	0.92	
9947.00	90.520	1.240	7591.14	1616.65	1586.94	413.81	40°05'34.480"N	104°52'17.246"W	0.10	
10032.00	90.030	0.720	7590.73	1701.45	1671.92	415.26	40°05'35.320"N	104°52'17.227"W	0.84	
10117.00	90.240	1.040	7590.53	1786.24	1756.91	416.56	40°05'36.160"N	104°52'17.210"W	0.45	
10202.00	90.270	0.750	7590.16	1871.02	1841.90	417.89	40°05'37.000"N	104°52'17.193"W	0.34	
10287.00	90.240	0.550	7589.78	1955.79	1926.89	418.86	40°05'37.840"N	104°52'17.180"W	0.24	
10372.00	90.180	0.460	7589.47	2040.53	2011.89	419.61	40°05'38.680"N	104°52'17.171"W	0.13	
10457.00	90.000	0.280	7589.33	2125.26	2096.89	420.15	40°05'39.520"N	104°52'17.164"W	0.30	
10542.00	89.780	0.090	7589.50	2209.97	2181.89	420.43	40°05'40.360"N	104°52'17.160"W	0.34	
10627.00	89.470	359.300	7590.05	2294.61	2266.88	419.98	40°05'41.200"N	104°52'17.166"W	1.00	
10710.00	90.240	0.130	7590.26	2377.26	2349.88	419.56	40°05'42.020"N	104°52'17.171"W	1.36	
10795.00	89.810	359.710	7590.23	2461.94	2434.88	419.45	40°05'42.860"N	104°52'17.173"W	0.71	
10880.00	90.240	359.700	7590.19	2546.58	2519.88	419.01	40°05'43.700"N	104°52'17.178"W	0.51	
10966.00	90.360	359.460	7589.74	2632.21	2605.88	418.38	40°05'44.550"N	104°52'17.186"W	0.31	

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR-MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#10 SICKLER 27C-34HZ (381'FSL & 1473'FEL, SEC.34)
Area	COLORADO	Well	SICKLER 27C-34HZ
Field	WELD COUNTY (KERR MCGEE)	Wellbore	SICKLER 27C-34HZ AWB
Facility	SEC.34-T2N-R67W		

WELLPATH DATA (162 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
11051.00	90.180	359.190	7589.34	2716.80	2690.87	417.38	40°05'45.390"N	104°52'17.199"W	0.38	
11136.00	89.750	359.170	7589.39	2801.37	2775.86	416.16	40°05'46.229"N	104°52'17.215"W	0.51	
11222.00	90.760	359.720	7589.01	2886.97	2861.85	415.33	40°05'47.079"N	104°52'17.226"W	1.34	
11307.00	90.770	359.680	7587.87	2971.61	2946.84	414.88	40°05'47.919"N	104°52'17.231"W	0.05	
11392.00	90.550	359.330	7586.89	3056.23	3031.84	414.15	40°05'48.759"N	104°52'17.241"W	0.49	
11477.00	90.580	358.730	7586.05	3140.77	3116.82	412.71	40°05'49.599"N	104°52'17.259"W	0.71	
11563.00	90.980	358.940	7584.88	3226.27	3202.79	410.96	40°05'50.448"N	104°52'17.282"W	0.53	
11648.00	91.040	358.740	7583.39	3310.78	3287.76	409.24	40°05'51.288"N	104°52'17.304"W	0.25	
11733.00	91.350	358.680	7581.61	3395.26	3372.72	407.33	40°05'52.128"N	104°52'17.329"W	0.37	
11818.00	90.180	358.430	7580.48	3479.73	3457.69	405.18	40°05'52.967"N	104°52'17.356"W	1.41	
11903.00	90.370	358.950	7580.07	3564.22	3542.66	403.24	40°05'53.807"N	104°52'17.381"W	0.65	
11988.00	90.240	358.580	7579.62	3648.73	3627.64	401.41	40°05'54.647"N	104°52'17.405"W	0.46	
12074.00	90.210	357.990	7579.28	3734.15	3713.60	398.83	40°05'55.496"N	104°52'17.438"W	0.69	
12159.00	88.700	356.160	7580.09	3818.34	3798.48	394.50	40°05'56.335"N	104°52'17.494"W	2.79	
12244.00	88.360	357.190	7582.27	3902.43	3883.31	389.57	40°05'57.173"N	104°52'17.557"W	1.28	
12329.00	88.850	358.790	7584.34	3986.77	3968.23	386.59	40°05'58.013"N	104°52'17.595"W	1.97	
12414.00	89.040	0.930	7585.90	4071.42	4053.21	386.38	40°05'58.852"N	104°52'17.598"W	2.53	
12499.00	90.090	2.120	7586.55	4156.27	4138.17	388.64	40°05'59.692"N	104°52'17.569"W	1.87	
12585.00	89.810	1.770	7586.62	4242.15	4224.12	391.56	40°06'00.541"N	104°52'17.531"W	0.52	
12670.00	90.610	3.280	7586.31	4327.07	4309.04	395.31	40°06'01.381"N	104°52'17.483"W	2.01	
12755.00	90.330	2.730	7585.62	4412.02	4393.92	399.76	40°06'02.219"N	104°52'17.426"W	0.73	
12840.00	90.090	2.580	7585.30	4496.95	4478.83	403.70	40°06'03.058"N	104°52'17.375"W	0.33	
12925.00	91.100	2.600	7584.42	4581.87	4563.73	407.54	40°06'03.898"N	104°52'17.326"W	1.19	
13011.00	91.260	2.630	7582.65	4667.79	4649.63	411.46	40°06'04.746"N	104°52'17.275"W	0.19	
13096.00	91.450	2.650	7580.64	4752.69	4734.51	415.38	40°06'05.585"N	104°52'17.225"W	0.22	
13173.00	90.920	1.750	7579.05	4829.59	4811.44	418.33	40°06'06.345"N	104°52'17.187"W	1.36	LAST BHI MWD+IFR SURVEY
13224.00	90.920	1.750	7578.23	4880.50	4862.41	419.89	40°06'06.849"N	104°52'17.167"W	0.00	PROJECTION TO BIT

HOLE & CASING SECTIONS - Ref Wellbore: SICKLER 27C-34HZ AWB Ref Wellpath: SICKLER 27C-34HZ 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]
13.5in Open Hole	16.00	1270.00	1254.00	16.00	1269.96	0.00	0.00	-7.02	1.11
9.625in Casing Surface	16.00	1260.00	1244.00	16.00	1259.96	0.00	0.00	-6.94	1.10
8.75in Open Hole	1270.00	8036.00	6766.00	1269.96	7590.47	-7.02	1.11	-322.48	407.56
7in Casing Intermediate	16.00	8026.00	8010.00	16.00	7589.69	0.00	0.00	-332.42	406.83
6.125in Open Hole	8036.00	13224.00	5188.00	7590.47	7578.23	-322.48	407.56	4862.41	419.89

Actual Wellpath Report

SICKLER 27C-34HZ AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	KERR-MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#10 SICKLER 27C-34HZ (381'FSL & 1473'FEL, SEC.34)
Area	COLORADO	Well	SICKLER 27C-34HZ
Field	WELD COUNTY (KERR MCGEE)	Wellbore	SICKLER 27C-34HZ AWB
Facility	SEC.34-T2N-R67W		

WELLPATH COMPOSITION - Ref Wellbore: SICKLER 27C-34HZ AWB Ref Wellpath: SICKLER 27C-34HZ AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
16.00	1206.00	Generic gyro - continuous (Standard)	MS GYRO SURVEYS <116-1206>	SICKLER 27C-34HZ AWB
1206.00	7994.00	NaviTrak (MAGCORR,IFR)	BHI NAVITRAK MWD+IFR 8 3/4" <1337-7994>	SICKLER 27C-34HZ AWB
7994.00	13173.00	NaviTrak (MAGCORR,IFR)	BHI NAVITRAK MWD+IFR 6 1/8" <8036-13173>	SICKLER 27C-34HZ AWB
13173.00	13224.00	Blind Drilling (std)	Projection to bit	SICKLER 27C-34HZ AWB

Actual Wellpath Report

SICKLER 27C-34HZ AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	KERR-MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#10 SICKLER 27C-34HZ (381'FSL & 1473'FEL, SEC.34)
Area	COLORADO	Well	SICKLER 27C-34HZ
Field	WELD COUNTY (KERR MCGEE)	Wellbore	SICKLER 27C-34HZ AWB
Facility	SEC.34-T2N-R67W		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
16.00	0.000	181.000	16.00	TIE ON
116.00	0.630	181.000	116.00	BEGIN GYROS SURVEYS
1206.00	0.420	164.910	1205.97	TIE ONTO GYRO SURVEYS
1337.00	0.490	174.990	1336.96	BEGIN BHI MWD+IFR SURVEYS
8026.00	85.058	3.708	7589.69	7" CASING POINT
13173.00	90.920	1.750	7579.05	LAST BHI MWD+IFR SURVEY
13224.00	90.920	1.750	7578.23	PROJECTION TO BIT