





# Actual Wellpath Report

VAN PORTFLIET 38N-10HZ AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	KERR-MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#08 VAN PORTFLIET 38N-10HZ (300'FSL & 1000'FWL, SEC.10)
Area	COLORADO	Well	VAN PORTFLIET 38N-10HZ
Field	WELD COUNTY (KERR MCGEE)	Wellbore	VAN PORTFLIET 38N-10HZ AWB
Facility	SEC.10-T2N-R65W		

REPORT SETUP INFORMATION			
Projection System	NAD83 / Lambert Colorado SP, Northern Zone (501), US feet	Software System	WellArchitect® 3.0.2
North Reference	True	User	Wilsjef02
Scale	0.999958	Report Generated	1/23/2013 at 10:28:15
Convergence at slot	0.55° East	Database/Source file	WellArchitectDB/VAN_PORTFLIET_38N-10HZ_AWB.xml

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-194.82	-1936.28	3235922.26	1297444.95	40°08'48.476"N	104°39'21.791"W
Facility Reference Pt			3237856.50	1297658.34	40°08'50.402"N	104°38'56.857"W
Field Reference Pt			<b>3197771.84</b>	<b>1268891.29</b>	40°04'09.600"N	104°47'36.000"W

WELLPATH DATUM			
Calculation method	Minimum curvature	ENSIGN 138 (RKB) to Facility Vertical Datum	4875.00ft
Horizontal Reference Pt	Slot	ENSIGN 138 (RKB) to Mean Sea Level	4875.00ft
Vertical Reference Pt	ENSIGN 138 (RKB)	ENSIGN 138 (RKB) to Mud Line at Slot (SLOT#08 VAN PORTFLIET 38N-10HZ (300'FSL & 1000'FWL, SEC.10))	4875.00ft
MD Reference Pt	ENSIGN 138 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	353.19°



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Operator	KERR-MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#08 VAN PORTFLIET 38N-10HZ (300'FSL & 1000'FWL, SEC.10)
Area	COLORADO	Well	VAN PORTFLIET 38N-10HZ
Field	WELD COUNTY (KERR MCGEE)	Wellbore	VAN PORTFLIET 38N-10HZ AWB
Facility	SEC.10-T2N-R65W		

WELLPATH DATA (134 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	185.240	0.00	0.00	0.00	0.00	40°08'48.476"N	104°39'21.791"W	0.00	
13.00	0.000	185.240	13.00	0.00	0.00	0.00	40°08'48.476"N	104°39'21.791"W	0.00	
113.00	0.450	185.240	113.00	-0.38	-0.39	-0.04	40°08'48.472"N	104°39'21.791"W	0.45	
213.00	0.490	193.350	213.00	-1.17	-1.20	-0.17	40°08'48.464"N	104°39'21.793"W	0.08	
313.00	0.480	213.170	312.99	-1.89	-1.96	-0.50	40°08'48.457"N	104°39'21.797"W	0.17	
413.00	0.180	357.690	412.99	-2.06	-2.16	-0.73	40°08'48.455"N	104°39'21.800"W	0.64	
513.00	0.300	281.730	512.99	-1.82	-1.95	-1.00	40°08'48.457"N	104°39'21.804"W	0.31	
613.00	0.220	276.450	612.99	-1.69	-1.87	-1.44	40°08'48.457"N	104°39'21.810"W	0.08	
713.00	0.280	250.100	712.99	-1.70	-1.94	-1.86	40°08'48.457"N	104°39'21.815"W	0.13	
813.00	0.360	141.830	812.99	-2.02	-2.27	-1.90	40°08'48.454"N	104°39'21.815"W	0.52	
883.00	0.210	88.430	882.99	-2.22	-2.43	-1.64	40°08'48.452"N	104°39'21.812"W	0.41	
1002.00	0.200	214.700	1001.99	-2.40	-2.60	-1.54	40°08'48.450"N	104°39'21.811"W	0.31	
1092.00	1.600	252.800	1091.97	-2.74	-3.10	-2.83	40°08'48.445"N	104°39'21.827"W	1.61	
1184.00	3.600	245.600	1183.87	-3.85	-4.67	-6.68	40°08'48.430"N	104°39'21.877"W	2.20	
1275.00	5.600	251.900	1274.58	-5.58	-7.23	-13.51	40°08'48.405"N	104°39'21.965"W	2.26	
1367.00	7.400	248.000	1365.98	-8.01	-10.85	-23.27	40°08'48.369"N	104°39'22.091"W	2.01	
1458.00	9.100	247.300	1456.04	-11.52	-15.82	-35.34	40°08'48.320"N	104°39'22.246"W	1.87	
1549.00	10.600	247.000	1545.69	-15.83	-21.87	-49.68	40°08'48.260"N	104°39'22.431"W	1.65	
1641.00	12.500	248.700	1635.83	-20.68	-28.79	-66.75	40°08'48.191"N	104°39'22.651"W	2.10	
1731.00	12.700	250.200	1723.66	-25.34	-35.68	-85.13	40°08'48.123"N	104°39'22.887"W	0.43	
1826.00	12.500	252.700	1816.37	-29.56	-42.28	-104.77	40°08'48.058"N	104°39'23.140"W	0.61	
1921.00	13.200	252.700	1908.99	-33.41	-48.56	-124.95	40°08'47.996"N	104°39'23.400"W	0.74	
2015.00	12.900	252.900	2000.56	-37.24	-54.84	-145.22	40°08'47.934"N	104°39'23.661"W	0.32	
2111.00	13.000	252.100	2094.12	-41.23	-61.30	-165.74	40°08'47.870"N	104°39'23.925"W	0.21	
2206.00	12.800	253.400	2186.73	-45.08	-67.60	-185.99	40°08'47.808"N	104°39'24.186"W	0.37	
2300.00	13.000	253.100	2278.35	-48.70	-73.64	-206.09	40°08'47.748"N	104°39'24.445"W	0.22	
2395.00	12.800	252.500	2370.96	-52.53	-79.91	-226.35	40°08'47.686"N	104°39'24.706"W	0.25	
2491.00	12.600	250.400	2464.61	-56.82	-86.62	-246.35	40°08'47.620"N	104°39'24.963"W	0.52	
2585.00	13.100	251.100	2556.25	-61.32	-93.51	-266.09	40°08'47.552"N	104°39'25.218"W	0.56	
2682.00	13.000	252.800	2650.75	-65.59	-100.30	-286.91	40°08'47.485"N	104°39'25.486"W	0.41	
2777.00	13.200	252.800	2743.28	-69.48	-106.67	-307.48	40°08'47.422"N	104°39'25.751"W	0.21	
2871.00	14.000	251.900	2834.64	-73.64	-113.38	-328.54	40°08'47.356"N	104°39'26.022"W	0.88	
2966.00	12.900	249.500	2927.03	-78.40	-120.66	-349.40	40°08'47.284"N	104°39'26.290"W	1.30	
3060.00	12.700	249.700	3018.70	-83.30	-127.92	-368.92	40°08'47.212"N	104°39'26.542"W	0.22	
3155.00	12.400	250.100	3111.43	-88.04	-135.01	-388.30	40°08'47.142"N	104°39'26.791"W	0.33	
3250.00	12.200	250.000	3204.25	-92.64	-141.92	-407.33	40°08'47.074"N	104°39'27.036"W	0.21	
3344.00	11.900	249.400	3296.17	-97.22	-148.73	-425.73	40°08'47.006"N	104°39'27.273"W	0.35	
3440.00	11.500	252.700	3390.18	-101.32	-155.05	-444.13	40°08'46.944"N	104°39'27.510"W	0.81	
3535.00	11.500	253.000	3483.27	-104.73	-160.64	-462.23	40°08'46.889"N	104°39'27.743"W	0.06	
3630.00	11.100	248.600	3576.43	-108.71	-166.74	-479.80	40°08'46.828"N	104°39'27.970"W	1.00	
3725.00	11.000	246.800	3669.67	-113.57	-173.65	-496.65	40°08'46.760"N	104°39'28.186"W	0.38	
3821.00	10.900	245.200	3763.93	-118.96	-181.07	-513.31	40°08'46.687"N	104°39'28.401"W	0.33	
3916.00	11.400	250.600	3857.13	-123.78	-187.95	-530.32	40°08'46.619"N	104°39'28.620"W	1.22	
4012.00	12.200	252.700	3951.11	-127.69	-194.12	-548.95	40°08'46.558"N	104°39'28.860"W	0.95	
4108.00	12.500	251.700	4044.88	-131.61	-200.40	-568.50	40°08'46.496"N	104°39'29.112"W	0.38	



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Operator	KERR-MCGEE OIL & GAS ONSHORE LP		Slot	SLOT#08 VAN PORTFLIET 38N-10HZ (300'FSL & 1000'FWL, SEC.10)
Area	COLORADO		Well	VAN PORTFLIET 38N-10HZ
Field	WELD COUNTY (KERR MCGEE)		Wellbore	VAN PORTFLIET 38N-10HZ AWB
Facility	SEC.10-T2N-R65W			

WELLPATH DATA (134 stations)										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
4203.00	11.600	251.600	4137.79	-135.58	-206.64	-587.32	40°08'46.434"N	104°39'29.354"W	0.95	
4298.00	10.000	253.400	4231.10	-138.90	-212.01	-604.29	40°08'46.381"N	104°39'29.573"W	1.72	
4393.00	10.400	254.200	4324.60	-141.65	-216.71	-620.45	40°08'46.334"N	104°39'29.781"W	0.45	
4487.00	9.400	252.600	4417.20	-144.38	-221.31	-635.94	40°08'46.289"N	104°39'29.980"W	1.10	
4582.00	8.100	251.100	4511.09	-147.21	-225.80	-649.67	40°08'46.245"N	104°39'30.157"W	1.39	
4677.00	7.600	251.700	4605.20	-149.87	-229.94	-661.97	40°08'46.204"N	104°39'30.315"W	0.53	
4771.00	7.200	251.000	4698.42	-152.35	-233.81	-673.44	40°08'46.165"N	104°39'30.463"W	0.44	
4866.00	6.400	242.700	4792.75	-155.46	-238.18	-683.77	40°08'46.122"N	104°39'30.596"W	1.33	
4961.00	5.300	246.100	4887.26	-158.60	-242.38	-692.49	40°08'46.081"N	104°39'30.708"W	1.21	
5056.00	4.000	253.300	4981.94	-160.46	-245.11	-699.68	40°08'46.054"N	104°39'30.801"W	1.50	
5150.00	2.600	266.000	5075.79	-160.92	-246.20	-704.94	40°08'46.043"N	104°39'30.869"W	1.67	
5245.00	1.300	278.800	5170.73	-160.53	-246.19	-708.16	40°08'46.043"N	104°39'30.910"W	1.43	
5339.00	0.700	329.100	5264.72	-159.72	-245.53	-709.51	40°08'46.050"N	104°39'30.927"W	1.07	
5433.00	0.700	331.300	5358.71	-158.66	-244.54	-710.08	40°08'46.059"N	104°39'30.935"W	0.03	
5528.00	0.600	342.400	5453.70	-157.63	-243.55	-710.51	40°08'46.069"N	104°39'30.940"W	0.17	
5623.00	0.600	357.900	5548.70	-156.65	-242.58	-710.67	40°08'46.079"N	104°39'30.942"W	0.17	
5719.00	0.900	2.800	5644.69	-155.40	-241.33	-710.66	40°08'46.091"N	104°39'30.942"W	0.32	
5814.00	1.000	7.400	5739.68	-153.86	-239.76	-710.51	40°08'46.107"N	104°39'30.940"W	0.13	
5909.00	1.600	358.600	5834.65	-151.74	-237.61	-710.44	40°08'46.128"N	104°39'30.939"W	0.66	
6003.00	0.900	351.600	5928.63	-149.70	-235.57	-710.58	40°08'46.148"N	104°39'30.941"W	0.76	
6099.00	0.800	15.000	6024.62	-148.32	-234.18	-710.52	40°08'46.162"N	104°39'30.940"W	0.37	
6193.00	0.900	24.200	6118.61	-147.08	-232.87	-710.04	40°08'46.175"N	104°39'30.934"W	0.18	
6288.00	1.000	33.800	6213.60	-145.81	-231.50	-709.28	40°08'46.188"N	104°39'30.924"W	0.20	
6374.00	0.500	52.000	6299.59	-145.04	-230.64	-708.56	40°08'46.197"N	104°39'30.915"W	0.64	
6450.00	2.700	358.100	6375.56	-143.09	-228.65	-708.36	40°08'46.216"N	104°39'30.913"W	3.21	
6482.00	6.000	353.700	6407.46	-140.67	-226.23	-708.57	40°08'46.240"N	104°39'30.915"W	10.36	
6514.00	9.800	355.200	6439.15	-136.27	-221.86	-708.98	40°08'46.283"N	104°39'30.921"W	11.89	
6546.00	13.400	358.200	6470.49	-129.85	-215.44	-709.33	40°08'46.347"N	104°39'30.925"W	11.40	
6578.00	16.800	359.000	6501.38	-121.56	-207.10	-709.52	40°08'46.429"N	104°39'30.928"W	10.64	
6610.00	18.300	359.200	6531.89	-111.96	-197.45	-709.67	40°08'46.525"N	104°39'30.930"W	4.69	
6641.00	19.700	359.900	6561.20	-101.93	-187.36	-709.75	40°08'46.624"N	104°39'30.931"W	4.58	
6673.00	22.500	0.500	6591.05	-90.50	-175.84	-709.71	40°08'46.738"N	104°39'30.930"W	8.78	
6719.00	25.600	1.200	6633.06	-71.92	-157.10	-709.42	40°08'46.923"N	104°39'30.926"W	6.77	
6768.00	29.500	3.500	6676.49	-49.56	-134.47	-708.46	40°08'47.147"N	104°39'30.914"W	8.25	
6814.00	35.400	4.200	6715.29	-25.31	-109.85	-706.79	40°08'47.390"N	104°39'30.893"W	12.85	
6863.00	41.300	3.900	6753.70	4.53	-79.54	-704.65	40°08'47.690"N	104°39'30.865"W	12.05	
6909.00	47.300	2.600	6786.61	36.15	-47.48	-702.85	40°08'48.007"N	104°39'30.842"W	13.19	
6957.00	53.200	1.500	6817.29	72.60	-10.62	-701.55	40°08'48.371"N	104°39'30.825"W	12.42	
7003.00	58.200	1.100	6843.21	110.21	27.36	-700.69	40°08'48.746"N	104°39'30.814"W	10.89	
7052.00	62.200	1.400	6867.55	152.30	69.87	-699.76	40°08'49.166"N	104°39'30.802"W	8.18	
7098.00	66.100	2.000	6887.61	193.24	111.24	-698.53	40°08'49.575"N	104°39'30.786"W	8.56	
7146.00	68.700	2.000	6906.05	237.02	155.52	-696.98	40°08'50.013"N	104°39'30.766"W	5.42	
7194.00	71.100	2.200	6922.54	281.55	200.56	-695.33	40°08'50.458"N	104°39'30.745"W	5.02	
7243.00	75.000	1.700	6936.83	327.87	247.40	-693.74	40°08'50.921"N	104°39'30.725"W	8.02	
7289.00	80.600	0.800	6946.54	372.37	292.33	-692.76	40°08'51.365"N	104°39'30.712"W	12.32	



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Area	COLORADO	Well	VAN PORTFLIET 38N-10HZ
Field	WELD COUNTY (KERR MCGEE)	Wellbore	VAN PORTFLIET 38N-10HZ AWB
Facility	SEC.10-T2N-R65W		

WELLPATH DATA (134 stations)										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
7326.00	84.700	359.900	6951.28	408.77	329.02	-692.54	40°08'51.727"N	104°39'30.709"W	11.34	
7416.00	89.400	359.400	6955.91	498.06	418.87	-693.09	40°08'52.615"N	104°39'30.716"W	5.25	
7511.00	90.200	0.700	6956.24	592.38	513.87	-693.01	40°08'53.554"N	104°39'30.715"W	1.61	
7606.00	90.700	0.900	6955.49	686.54	608.85	-691.68	40°08'54.493"N	104°39'30.698"W	0.57	
7700.00	91.200	1.300	6953.93	779.63	702.82	-689.87	40°08'55.421"N	104°39'30.675"W	0.68	
7795.00	92.300	1.800	6951.03	873.58	797.74	-687.31	40°08'56.359"N	104°39'30.642"W	1.27	
7889.00	91.100	0.700	6948.24	966.60	891.68	-685.26	40°08'57.288"N	104°39'30.616"W	1.73	
7984.00	91.700	1.100	6945.92	1060.72	986.63	-683.77	40°08'58.226"N	104°39'30.596"W	0.76	
8079.00	89.100	0.000	6945.26	1154.92	1081.62	-682.85	40°08'59.165"N	104°39'30.585"W	2.97	
8174.00	89.700	359.500	6946.26	1249.30	1176.61	-683.27	40°09'00.103"N	104°39'30.590"W	0.82	
8270.00	88.100	0.400	6948.10	1344.61	1272.59	-683.35	40°09'01.052"N	104°39'30.591"W	1.91	
8364.00	88.700	0.200	6950.72	1437.85	1366.55	-682.86	40°09'01.980"N	104°39'30.585"W	0.67	
8459.00	88.800	0.700	6952.80	1532.06	1461.53	-682.11	40°09'02.919"N	104°39'30.575"W	0.54	
8555.00	89.100	1.000	6954.55	1627.19	1557.50	-680.69	40°09'03.867"N	104°39'30.557"W	0.44	
8650.00	89.300	0.500	6955.88	1721.36	1652.48	-679.45	40°09'04.806"N	104°39'30.541"W	0.57	
8746.00	89.700	0.600	6956.72	1816.56	1748.47	-678.53	40°09'05.754"N	104°39'30.529"W	0.43	
8841.00	90.200	1.100	6956.80	1910.72	1843.46	-677.12	40°09'06.693"N	104°39'30.511"W	0.74	
8937.00	89.500	358.400	6957.05	2006.08	1939.45	-677.53	40°09'07.642"N	104°39'30.516"W	2.91	
9032.00	90.200	0.100	6957.30	2100.54	2034.44	-678.78	40°09'08.580"N	104°39'30.533"W	1.94	
9127.00	90.600	0.100	6956.64	2194.85	2129.44	-678.61	40°09'09.519"N	104°39'30.530"W	0.42	
9222.00	90.900	0.000	6955.39	2289.17	2224.43	-678.53	40°09'10.458"N	104°39'30.529"W	0.33	
9318.00	90.100	0.500	6954.56	2384.43	2320.42	-678.11	40°09'11.406"N	104°39'30.524"W	0.98	
9412.00	90.400	0.200	6954.15	2477.70	2414.42	-677.54	40°09'12.335"N	104°39'30.517"W	0.45	
9506.00	90.300	2.200	6953.57	2570.78	2508.39	-675.57	40°09'13.264"N	104°39'30.491"W	2.13	
9601.00	90.100	3.300	6953.24	2664.46	2603.28	-671.01	40°09'14.202"N	104°39'30.433"W	1.18	
9696.00	90.700	3.000	6952.58	2758.02	2698.13	-665.79	40°09'15.139"N	104°39'30.365"W	0.71	
9791.00	91.300	2.700	6950.92	2851.66	2793.00	-661.07	40°09'16.077"N	104°39'30.305"W	0.71	
9886.00	90.300	2.500	6949.59	2945.37	2887.89	-656.76	40°09'17.014"N	104°39'30.249"W	1.07	
9981.00	89.500	2.900	6949.76	3039.07	2982.79	-652.28	40°09'17.952"N	104°39'30.192"W	0.94	
10077.00	90.300	2.900	6949.93	3133.69	3078.66	-647.43	40°09'18.899"N	104°39'30.129"W	0.83	
10172.00	89.200	0.600	6950.34	3227.63	3173.61	-644.53	40°09'19.838"N	104°39'30.092"W	2.68	
10267.00	90.000	0.400	6951.00	3321.85	3268.60	-643.70	40°09'20.776"N	104°39'30.081"W	0.87	
10362.00	90.800	0.700	6950.34	3416.07	3363.59	-642.78	40°09'21.715"N	104°39'30.069"W	0.90	
10552.00	88.300	2.100	6951.83	3604.10	3553.51	-638.14	40°09'23.592"N	104°39'30.010"W	1.51	
10743.00	89.100	0.500	6956.17	3793.13	3744.41	-633.81	40°09'25.478"N	104°39'29.954"W	0.94	
10933.00	89.200	1.300	6958.99	3981.39	3934.36	-630.83	40°09'27.356"N	104°39'29.916"W	0.42	
11028.00	91.800	1.600	6958.16	4075.40	4029.32	-628.42	40°09'28.294"N	104°39'29.885"W	2.75	
11217.00	92.200	1.600	6951.56	4262.25	4218.13	-623.15	40°09'30.160"N	104°39'29.817"W	0.21	
11407.00	92.900	2.500	6943.11	4449.80	4407.82	-616.36	40°09'32.034"N	104°39'29.729"W	0.60	
11502.00	90.300	0.800	6940.45	4543.72	4502.73	-613.63	40°09'32.972"N	104°39'29.694"W	3.27	
11597.00	90.600	1.800	6939.71	4637.76	4597.70	-611.47	40°09'33.911"N	104°39'29.667"W	1.10	
11787.00	89.300	2.500	6939.87	4825.44	4787.56	-604.34	40°09'35.787"N	104°39'29.575"W	0.78	
11921.00	89.900	2.800	6940.81	4957.62	4921.41	-598.15	40°09'37.110"N	104°39'29.495"W	0.50	
11985.00	89.900	2.800	6940.92	5020.72	4985.34	-595.02	40°09'37.741"N	104°39'29.455"W	0.00	



# Actual Wellpath Report

VAN PORTFLIET 38N-10HZ AWP

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REFERENCE WELLPATH IDENTIFICATION				
Operator	KERR-MCGEE OIL & GAS ONSHORE LP		Slot	SLOT#08 VAN PORTFLIET 38N-10HZ (300'FSL & 1000'FWL, SEC.10)
Area	COLORADO		Well	VAN PORTFLIET 38N-10HZ
Field	WELD COUNTY (KERR MCGEE)		Wellbore	VAN PORTFLIET 38N-10HZ AWB
Facility	SEC.10-T2N-R65W			

HOLE & CASING SECTIONS - Ref Wellbore: VAN PORTFLIET 38N-10HZ AWB Ref Wellpath: VAN PORTFLIET 38N-10HZ 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	13.00	930.00	917.00	13.00	929.99	0.00	0.00	-2.46	-1.52
9.625in Casing Surface	13.00	930.00	917.00	13.00	929.99	0.00	0.00	-2.46	-1.52
8.75in Open Hole	930.00	7380.00	6450.00	929.99	6954.94	-2.46	-1.52	382.89	-692.77
7in Casing Intermediate	13.00	7362.00	7349.00	13.00	6954.01	0.00	0.00	364.91	-692.66
6.125in Open Hole	7362.00	11985.00	4623.00	6954.01	6940.92	364.91	-692.66	4985.34	-595.02

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
COOK 4 HZ PAD SECTION 10 LINES		6930.00	195.01	1936.25	3237856.49	1297658.38	40°08'50.402"N	104°38'56.857"W	polygon
COOK 4 HZ PAD SECTION 3 LINES		6930.00	195.01	1936.25	3237856.49	1297658.38	40°08'50.402"N	104°38'56.857"W	polygon
VAN PORTFLIET 38N-10HZ BHL ON PLAT (1'FNL & 300'FWL, SEC.10) REV-1		6935.00	4986.21	-613.52	3235261.35	1302424.88	40°09'37.750"N	104°39'29.693"W	point
VAN PORTFLIET 38N-10HZ LAND BOX		7000.00	0.00	0.00	3235922.26	1297444.95	40°08'48.476"N	104°39'21.791"W	polygon
COOK 4 HZ PAD HARDLINES SEC. 10 (460' SETBACKS)		7200.00	195.01	1936.25	3237856.49	1297658.38	40°08'50.402"N	104°38'56.857"W	polygon
COOK 4 HZ PAD HARDLINES SEC. 3 (460' SETBACKS)		7200.00	195.01	1936.25	3237856.49	1297658.38	40°08'50.402"N	104°38'56.857"W	polygon

WELLPATH COMPOSITION - Ref Wellbore: VAN PORTFLIET 38N-10HZ AWB Ref Wellpath: VAN PORTFLIET 38N-10HZ AWP					
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	
13.00	883.00	Generic gyro - continuous (Standard)	GYRODATA SURVEYS <113-883>	VAN PORTFLIET 38N-10HZ AWB	
883.00	7326.00	NaviTrak (MagCorr)	BHI MWD SURVEYS 8 3/4" HOLE <1002-7326>	VAN PORTFLIET 38N-10HZ AWB	
7326.00	11921.00	OnTrak (MagCorr)	BHI MWD SURVEYS 6 1/8" HOLE <7416-11921>	VAN PORTFLIET 38N-10HZ AWB	
11921.00	11985.00	Blind Drilling (std)	Projection to bit	VAN PORTFLIET 38N-10HZ AWB	



**Actual Wellpath Report**  
**VAN PORTFLIET 38N-10HZ AWP**  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	KERR-MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#08 VAN PORTFLIET 38N-10HZ (300'FSL & 1000'FWL, SEC.10)
Area	COLORADO	Well	VAN PORTFLIET 38N-10HZ
Field	WELD COUNTY (KERR MCGEE)	Wellbore	VAN PORTFLIET 38N-10HZ AWB
Facility	SEC.10-T2N-R65W		

WELLPATH COMMENTS				
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
13.00	0.000	185.240	13.00	Tie-On
113.00	0.450	185.240	113.00	Begin GYRO Surveys
883.00	0.210	88.430	882.99	Tie-Into GYRO Surveys
1002.00	0.200	214.700	1001.99	Begin BHI MWD Surveys
7362.00	86.580	359.699	6954.01	7" Casing Point
11921.00	89.900	2.800	6940.81	Last BHI MWD Survey
11985.00	89.900	2.800	6940.92	Projection to Bit