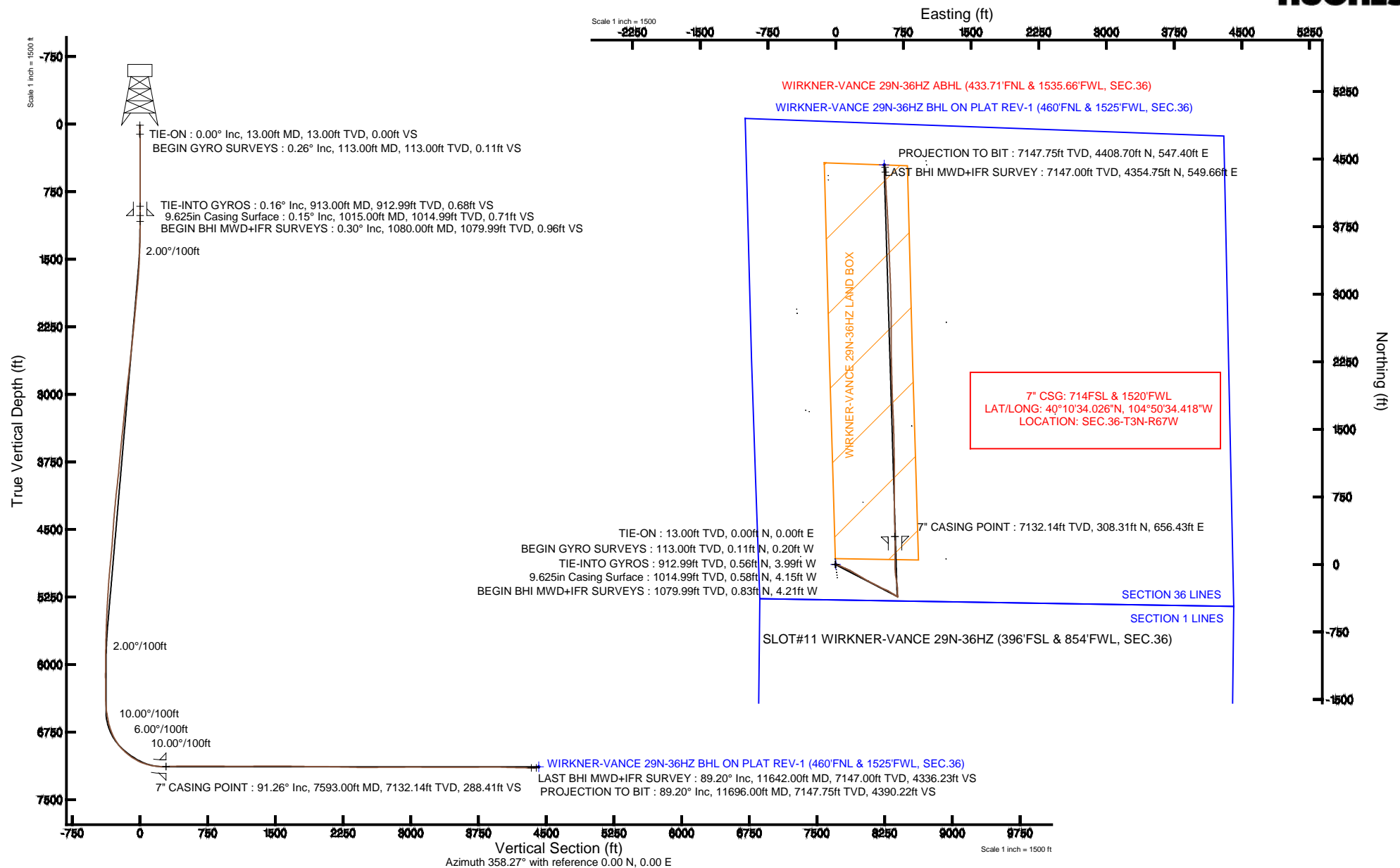


Location:	COLORADO	Slot:	SLOT#11 WIRKNER-VANCE 29N-36HZ (396'FSL & 854'FWL, SEC.36)
Field:	WELD COUNTY (KERR MCGEE)	Well:	WIRKNER-VANCE 29N-36HZ
Facility:	SEC.36-T3N-R67W	Wellbore:	WIRKNER-VANCE 29N-36HZ PWB

Plot reference wellpath is WIRKNER-VANCE 29N-36HZ (REV-C.0) PWP	
True vertical depths are referenced to ENSIGN 138 (RKB 13') (RKB)	Grid System: NAD83 / Lambert Colorado SP, Northern Zone (501), US feet
Measured depths are referenced to ENSIGN 138 (RKB 13') (RKB)	North Reference: True north
ENSIGN 138 (RKB 13') (RKB) to Mean Sea Level: 4835 feet	Scale: True distance
Mean Sea Level to Mud line (At Slot: SLOT#11 WIRKNER-VANCE 29N-36HZ (396'FSL & 854'FWL, SEC.3)): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: wilsjef02 on 1/29/2014





Actual Wellpath Report

WIRKNER-VANCE 29N-36HZ AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	KERR-MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#11 WIRKNER-VANCE 29N-36HZ (396'FSL & 854'FWL, SEC.36)
Area	COLORADO	Well	WIRKNER-VANCE 29N-36HZ
Field	WELD COUNTY (KERR MCGEE)	Wellbore	WIRKNER-VANCE 29N-36HZ AWB
Facility	SEC.36-T3N-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	Wilsjef02
Scale	0.999958	Report Generated	1/29/2014 at 16:51:03
Convergence at slot	n/a	Database/Source file	WellArchitectDB/WIRKNER-VANCE_29N-36HZ_AWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-2826.24	421.11	3182959.41	1307369.93	40°10'30.979"N	104°50'42.875"W
Facility Reference Pt			3182517.51	1310192.87	40°10'58.908"N	104°50'48.300"W
Field Reference Pt			3197771.84	1268891.29	40°04'09.600"N	104°47'36.000"W

WELLPATH DATUM

Calculation method	Minimum curvature	ENSIGN 138 (RKB 13') (RKB) to Facility Vertical Datum	4835.00ft
Horizontal Reference Pt	Slot	ENSIGN 138 (RKB 13') (RKB) to Mean Sea Level	4835.00ft
Vertical Reference Pt	ENSIGN 138 (RKB 13') (RKB)	ENSIGN 138 (RKB 13') (RKB) to Mud Line at Slot (SLOT#11 WIRKNER-VANCE 29N-36HZ (396'FSL & 854'FWL, SEC.36))	4835.00ft
MD Reference Pt	ENSIGN 138 (RKB 13') (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	7.08°



Actual Wellpath Report

WIRKNER-VANCE 29N-36HZ AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	KERR-MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#11 WIRKNER-VANCE 29N-36HZ (396'FSL & 854'FWL, SEC.36)
Area	COLORADO	Well	WIRKNER-VANCE 29N-36HZ
Field	WELD COUNTY (KERR MCGEE)	Wellbore	WIRKNER-VANCE 29N-36HZ AWB
Facility	SEC.36-T3N-R67W		

WELLPATH DATA (110 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	298.320	0.00	0.00	0.00	0.00	40°10'30.979"N	104°50'42.875"W	0.00	
13.00	0.000	298.320	13.00	0.00	0.00	0.00	40°10'30.979"N	104°50'42.875"W	0.00	TIE-ON
113.00	0.260	298.320	113.00	0.08	0.11	-0.20	40°10'30.980"N	104°50'42.878"W	0.26	BEGIN GYRO SURVEYS
213.00	0.380	295.470	213.00	0.27	0.36	-0.70	40°10'30.983"N	104°50'42.884"W	0.12	
313.00	0.230	278.400	313.00	0.38	0.53	-1.20	40°10'30.984"N	104°50'42.890"W	0.17	
413.00	0.290	264.740	413.00	0.33	0.54	-1.65	40°10'30.984"N	104°50'42.896"W	0.09	
513.00	0.130	259.690	512.99	0.24	0.49	-2.01	40°10'30.984"N	104°50'42.901"W	0.16	
613.00	0.410	274.080	612.99	0.19	0.50	-2.48	40°10'30.984"N	104°50'42.907"W	0.29	
713.00	0.290	280.850	712.99	0.19	0.57	-3.08	40°10'30.985"N	104°50'42.915"W	0.13	
813.00	0.320	274.240	812.99	0.19	0.64	-3.61	40°10'30.985"N	104°50'42.922"W	0.05	
913.00	0.160	225.270	912.99	0.07	0.56	-3.99	40°10'30.985"N	104°50'42.926"W	0.25	TIE-INTO GYROS
1080.00	0.300	352.200	1079.99	0.30	0.83	-4.21	40°10'30.987"N	104°50'42.929"W	0.25	BEGIN BHI MWD+IFR SURVEYS
1171.00	2.500	92.300	1170.96	0.70	0.99	-2.26	40°10'30.989"N	104°50'42.904"W	2.82	
1262.00	4.800	101.400	1261.77	0.58	0.15	3.45	40°10'30.981"N	104°50'42.831"W	2.60	
1353.00	5.100	105.400	1352.43	-0.29	-1.67	11.08	40°10'30.962"N	104°50'42.732"W	0.50	
1444.00	6.400	110.800	1442.97	-2.08	-4.55	19.73	40°10'30.934"N	104°50'42.621"W	1.55	
1534.00	6.200	108.400	1532.43	-4.23	-7.86	29.03	40°10'30.901"N	104°50'42.501"W	0.37	
1625.00	7.700	117.400	1622.76	-7.31	-12.22	39.10	40°10'30.858"N	104°50'42.371"W	2.03	
1735.00	10.100	114.000	1731.43	-12.68	-19.54	54.46	40°10'30.786"N	104°50'42.173"W	2.23	
1826.00	11.800	115.500	1820.77	-17.94	-26.79	70.15	40°10'30.714"N	104°50'41.971"W	1.89	
1917.00	11.600	115.000	1909.88	-23.70	-34.66	86.84	40°10'30.636"N	104°50'41.756"W	0.25	
2008.00	11.500	114.600	1999.03	-29.24	-42.30	103.38	40°10'30.561"N	104°50'41.543"W	0.14	
2098.00	11.900	114.600	2087.16	-34.74	-49.90	119.97	40°10'30.486"N	104°50'41.329"W	0.44	
2189.00	11.800	114.500	2176.23	-40.35	-57.66	136.97	40°10'30.409"N	104°50'41.110"W	0.11	
2281.00	11.800	114.100	2266.28	-45.92	-65.41	154.12	40°10'30.333"N	104°50'40.890"W	0.09	
2372.00	11.400	120.600	2355.43	-52.23	-73.78	170.35	40°10'30.250"N	104°50'40.680"W	1.50	
2555.00	10.900	122.000	2534.97	-66.74	-92.16	200.59	40°10'30.068"N	104°50'40.291"W	0.31	
2646.00	12.100	119.600	2624.14	-74.02	-101.43	216.18	40°10'29.977"N	104°50'40.090"W	1.42	
2830.00	12.300	120.400	2803.99	-89.17	-120.87	249.85	40°10'29.785"N	104°50'39.656"W	0.14	
3013.00	11.500	121.600	2983.05	-104.45	-140.30	282.20	40°10'29.593"N	104°50'39.239"W	0.46	
3106.00	11.000	120.800	3074.27	-111.87	-149.70	297.72	40°10'29.500"N	104°50'39.040"W	0.56	
3199.00	11.400	119.800	3165.50	-118.99	-158.81	313.32	40°10'29.410"N	104°50'38.839"W	0.48	
3293.00	10.900	119.100	3257.72	-125.91	-167.75	329.15	40°10'29.321"N	104°50'38.635"W	0.55	
3387.00	11.200	119.000	3349.98	-132.65	-176.49	344.90	40°10'29.235"N	104°50'38.432"W	0.32	
3482.00	12.000	118.400	3443.04	-139.69	-185.66	361.65	40°10'29.144"N	104°50'38.216"W	0.85	
3577.00	11.800	118.000	3536.00	-146.75	-194.92	378.92	40°10'29.053"N	104°50'37.994"W	0.23	
3672.00	10.800	118.400	3629.15	-153.45	-203.72	395.32	40°10'28.966"N	104°50'37.782"W	1.06	
3766.00	11.100	116.600	3721.44	-159.68	-211.96	411.16	40°10'28.884"N	104°50'37.578"W	0.48	
3861.00	10.700	113.900	3814.73	-165.29	-219.62	427.40	40°10'28.809"N	104°50'37.369"W	0.68	
3955.00	12.500	117.200	3906.81	-171.31	-227.81	444.43	40°10'28.728"N	104°50'37.150"W	2.04	
4049.00	12.500	118.500	3998.58	-178.53	-237.31	462.42	40°10'28.634"N	104°50'36.918"W	0.30	
4145.00	12.400	118.500	4092.32	-186.09	-247.19	480.60	40°10'28.536"N	104°50'36.684"W	0.10	
4333.00	11.000	115.100	4276.41	-199.01	-264.43	514.59	40°10'28.366"N	104°50'36.246"W	0.83	
4524.00	9.600	113.300	4464.33	-209.10	-278.46	545.72	40°10'28.227"N	104°50'35.845"W	0.75	
4618.00	9.500	113.400	4557.03	-213.47	-284.64	560.04	40°10'28.166"N	104°50'35.660"W	0.11	

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR-MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#11 WIRKNER-VANCE 29N-36HZ (396'FSL & 854'FWL, SEC.36)
Area	COLORADO	Well	WIRKNER-VANCE 29N-36HZ
Field	WELD COUNTY (KERR MCGEE)	Wellbore	WIRKNER-VANCE 29N-36HZ AWB
Facility	SEC.36-T3N-R67W		

WELLPATH DATA (110 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
4713.00	8.800	112.500	4650.82	-217.60	-290.54	573.95	40°10'28.108"N	104°50'35.481"W	0.75	
4807.00	9.800	123.200	4743.59	-223.04	-297.67	587.28	40°10'28.037"N	104°50'35.309"W	2.12	
4902.00	9.400	123.100	4837.26	-230.00	-306.33	600.55	40°10'27.952"N	104°50'35.138"W	0.42	
4997.00	8.900	123.800	4931.05	-236.71	-314.66	613.15	40°10'27.869"N	104°50'34.976"W	0.54	
5092.00	8.300	122.600	5024.98	-242.97	-322.44	625.04	40°10'27.793"N	104°50'34.823"W	0.66	
5187.00	7.400	122.300	5119.09	-248.53	-329.40	635.98	40°10'27.724"N	104°50'34.682"W	0.95	
5283.00	6.500	120.600	5214.38	-253.33	-335.47	645.89	40°10'27.664"N	104°50'34.554"W	0.96	
5378.00	6.300	120.500	5308.79	-257.55	-340.86	655.01	40°10'27.611"N	104°50'34.437"W	0.21	
5473.00	5.700	117.400	5403.27	-261.26	-345.67	663.69	40°10'27.563"N	104°50'34.325"W	0.72	
5568.00	4.900	114.700	5497.86	-264.13	-349.54	671.56	40°10'27.525"N	104°50'34.224"W	0.88	
5663.00	4.500	113.200	5592.54	-266.39	-352.70	678.67	40°10'27.493"N	104°50'34.132"W	0.44	
5758.00	2.500	128.800	5687.36	-268.52	-355.47	683.71	40°10'27.466"N	104°50'34.067"W	2.31	
5852.00	2.200	122.500	5781.28	-270.37	-357.72	686.83	40°10'27.444"N	104°50'34.027"W	0.42	
5946.00	1.500	127.900	5875.23	-271.77	-359.45	689.33	40°10'27.427"N	104°50'33.995"W	0.77	
6041.00	1.200	101.600	5970.21	-272.49	-360.41	691.28	40°10'27.417"N	104°50'33.970"W	0.72	
6136.00	1.300	108.700	6065.19	-272.78	-360.96	693.28	40°10'27.412"N	104°50'33.944"W	0.19	
6232.00	1.300	285.600	6161.18	-272.84	-361.01	693.26	40°10'27.411"N	104°50'33.944"W	2.71	
6420.00	0.700	291.400	6349.15	-272.24	-360.02	690.14	40°10'27.421"N	104°50'33.984"W	0.32	
6514.00	3.700	350.900	6443.07	-269.19	-356.82	689.12	40°10'27.453"N	104°50'33.997"W	3.62	
6608.00	8.500	351.300	6536.51	-259.58	-346.95	687.59	40°10'27.550"N	104°50'34.017"W	5.11	
6703.00	11.600	353.800	6630.05	-243.53	-330.51	685.50	40°10'27.713"N	104°50'34.044"W	3.29	
6797.00	19.500	2.200	6720.54	-218.65	-305.39	685.08	40°10'27.961"N	104°50'34.050"W	8.72	
6893.00	26.800	358.300	6808.76	-181.25	-267.70	685.05	40°10'28.334"N	104°50'34.050"W	7.77	
6988.00	36.900	350.000	6889.39	-132.67	-218.05	679.44	40°10'28.824"N	104°50'34.122"W	11.57	
7081.00	47.000	350.600	6958.47	-73.22	-156.85	669.02	40°10'29.429"N	104°50'34.256"W	10.87	
7176.00	53.600	355.200	7019.14	-2.39	-84.37	660.13	40°10'30.145"N	104°50'34.371"W	7.88	
7271.00	62.900	359.600	7069.09	77.15	-3.78	656.63	40°10'30.942"N	104°50'34.416"W	10.55	
7366.00	72.600	1.000	7105.02	164.36	84.03	657.12	40°10'31.809"N	104°50'34.409"W	10.30	
7460.00	82.100	0.400	7125.58	255.41	175.64	658.23	40°10'32.715"N	104°50'34.395"W	10.13	
7543.00	88.800	358.800	7132.16	337.39	258.33	657.65	40°10'33.532"N	104°50'34.403"W	8.30	
7593.00†	91.259	358.390	7132.14	386.84	308.31	656.43	40°10'34.026"N	104°50'34.418"W	4.99	7" CASING POINT
7604.00	91.800	358.300	7131.84	397.71	319.30	656.11	40°10'34.134"N	104°50'34.422"W	4.99	
7700.00	91.800	359.400	7128.83	492.67	415.23	654.18	40°10'35.082"N	104°50'34.447"W	1.15	
7794.00	90.900	358.500	7126.61	585.70	509.19	652.46	40°10'36.011"N	104°50'34.469"W	1.35	
7889.00	89.200	359.400	7126.53	679.74	604.17	650.72	40°10'36.949"N	104°50'34.492"W	2.02	
7984.00	90.600	0.100	7126.70	773.96	699.16	650.30	40°10'37.888"N	104°50'34.497"W	1.65	
8079.00	88.900	0.000	7127.11	868.25	794.16	650.39	40°10'38.827"N	104°50'34.496"W	1.79	
8173.00	89.900	0.500	7128.10	961.57	888.15	650.80	40°10'39.756"N	104°50'34.491"W	1.19	
8269.00	89.200	359.900	7128.85	1056.88	984.15	651.13	40°10'40.704"N	104°50'34.486"W	0.96	
8362.00	89.700	359.300	7129.74	1149.08	1077.14	650.48	40°10'41.623"N	104°50'34.495"W	0.84	
8550.00	90.800	358.600	7128.92	1335.19	1265.10	647.04	40°10'43.481"N	104°50'34.539"W	0.69	
8645.00	90.900	359.700	7127.51	1429.27	1360.08	645.63	40°10'44.419"N	104°50'34.557"W	1.16	
8740.00	89.300	358.300	7127.35	1523.32	1455.06	643.97	40°10'45.358"N	104°50'34.578"W	2.24	
8834.00	89.700	358.400	7128.17	1616.23	1549.02	641.26	40°10'46.286"N	104°50'34.613"W	0.44	
8929.00	90.100	357.100	7128.33	1709.97	1643.94	637.54	40°10'47.224"N	104°50'34.661"W	1.43	



Actual Wellpath Report

WIRKNER-VANCE 29N-36HZ AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	KERR-MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#11 WIRKNER-VANCE 29N-36HZ (396'FSL & 854'FWL, SEC.36)
Area	COLORADO	Well	WIRKNER-VANCE 29N-36HZ
Field	WELD COUNTY (KERR MCGEE)	Wellbore	WIRKNER-VANCE 29N-36HZ AWB
Facility	SEC.36-T3N-R67W		

WELLPATH DATA (110 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
9023.00	88.600	357.300	7129.40	1802.57	1737.82	632.94	40°10'48.152"N	104°50'34.720"W	1.61	
9119.00	89.400	357.900	7131.07	1897.24	1833.72	628.92	40°10'49.100"N	104°50'34.772"W	1.04	
9212.00	89.200	358.400	7132.21	1989.11	1926.66	625.92	40°10'50.018"N	104°50'34.811"W	0.58	
9307.00	90.000	358.700	7132.87	2083.05	2021.63	623.52	40°10'50.957"N	104°50'34.842"W	0.90	
9496.00	88.500	358.300	7135.35	2269.92	2210.54	618.57	40°10'52.824"N	104°50'34.905"W	0.82	
9686.00	88.300	359.700	7140.65	2457.95	2400.44	615.26	40°10'54.700"N	104°50'34.948"W	0.74	
9876.00	90.800	0.100	7142.15	2646.44	2590.41	614.93	40°10'56.577"N	104°50'34.952"W	1.33	
10067.00	90.600	0.100	7139.81	2836.01	2781.40	615.26	40°10'58.465"N	104°50'34.948"W	0.10	
10161.00	90.100	358.100	7139.24	2929.10	2875.38	613.78	40°10'59.393"N	104°50'34.967"W	2.19	
10256.00	90.800	358.500	7138.49	3022.98	2970.34	610.96	40°11'00.332"N	104°50'35.003"W	0.85	
10445.00	88.900	357.600	7138.99	3209.63	3159.21	604.53	40°11'02.198"N	104°50'35.086"W	1.11	
10539.00	89.300	357.700	7140.46	3302.35	3253.12	600.68	40°11'03.126"N	104°50'35.136"W	0.44	
10729.00	90.700	358.000	7140.46	3489.88	3442.99	593.55	40°11'05.003"N	104°50'35.227"W	0.75	
10918.00	89.900	357.300	7139.47	3676.33	3631.82	585.80	40°11'06.869"N	104°50'35.327"W	0.56	
11108.00	91.100	357.300	7137.81	3863.56	3821.60	576.85	40°11'08.744"N	104°50'35.442"W	0.63	
11202.00	90.200	357.200	7136.75	3956.17	3915.48	572.34	40°11'09.672"N	104°50'35.501"W	0.96	
11297.00	87.700	356.500	7138.49	4049.64	4010.32	567.12	40°11'10.609"N	104°50'35.568"W	2.73	
11487.00	88.800	357.200	7144.29	4236.53	4199.94	556.69	40°11'12.483"N	104°50'35.702"W	0.69	
11642.00	89.200	357.600	7147.00	4389.30	4354.75	549.66	40°11'14.013"N	104°50'35.793"W	0.36	LAST BHI MWD+IFR SURVEY
11696.00	89.200	357.600	7147.75	4442.55	4408.70	547.40	40°11'14.546"N	104°50'35.822"W	0.00	PROJECTION TO BIT

HOLE & CASING SECTIONS - Ref Wellbore: WIRKNER-VANCE 29N-36HZ AWB Ref Wellpath: WIRKNER-VANCE 29N-36HZ 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	1015.00	1002.00	13.00	1014.99	0.00	0.00	0.58	-4.15
9.625in Casing Surface	13.00	1015.00	1002.00	13.00	1014.99	0.00	0.00	0.58	-4.15
8.75in Open Hole	1015.00	7603.00	6588.00	1014.99	7131.87	0.58	-4.15	318.30	656.14
7in Casing Intermediate	13.00	7593.00	7580.00	13.00	7132.14	0.00	0.00	308.31	656.43
6.125in Open Hole	7593.00	11696.00	4103.00	7132.14	7147.75	308.31	656.43	4408.70	547.40



Actual Wellpath Report

WIRKNER-VANCE 29N-36HZ AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	KERR-MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#11 WIRKNER-VANCE 29N-36HZ (396'FSL & 854'FWL, SEC.36)
Area	COLORADO	Well	WIRKNER-VANCE 29N-36HZ
Field	WELD COUNTY (KERR MCGEE)	Wellbore	WIRKNER-VANCE 29N-36HZ AWB
Facility	SEC.36-T3N-R67W		

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
WIRKNER-VANCE 29N-36HZ BHL ON PLAT REV-1 (460'FNL & 1525'FWL, SEC.36)		7135.00	4434.99	536.74	3183463.36	1311808.57	40°11'14.806"N	104°50'35.959"W	point
WIRKNER-VANCE 29N-36HZ/29C- 36HZ LAND BOX		7200.00	0.00	0.00	3182959.41	1307369.93	40°10'30.979"N	104°50'42.875"W	polygon
WIRKNER SECTION 1 LINES		7400.00	-148.65	17.62	3182978.13	1307221.42	40°10'29.510"N	104°50'42.648"W	polygon
WIRKNER SECTION 36 LINES		7400.00	-148.65	17.62	3182978.13	1307221.42	40°10'29.510"N	104°50'42.648"W	polygon

WELLPATH COMPOSITION - Ref Wellbore: WIRKNER-VANCE 29N-36HZ AWB Ref Wellpath: WIRKNER-VANCE 29N-36HZ AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
13.00	913.00	Generic gyro - continuous (Standard)	MS GYRODATA SURVEYS <113-913>	WIRKNER-VANCE 29N-36HZ AWB
913.00	7543.00	NaviTrak (MAGCORR,IFR)	BHI MWD+IFR SURVEYS 8 3/4" HOLE <1080-7543>	WIRKNER-VANCE 29N-36HZ AWB
7543.00	11642.00	NaviTrak (MAGCORR,IFR)	BHI MWD+IFR SURVEYS 6 1/8" HOLE <7604-11642>	WIRKNER-VANCE 29N-36HZ AWB
11642.00	11696.00	Blind Drilling (std)	Projection to bit	WIRKNER-VANCE 29N-36HZ AWB



Actual Wellpath Report

WIRKNER-VANCE 29N-36HZ AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	KERR-MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#11 WIRKNER-VANCE 29N-36HZ (396'FSL & 854'FWL, SEC.36)
Area	COLORADO	Well	WIRKNER-VANCE 29N-36HZ
Field	WELD COUNTY (KERR MCGEE)	Wellbore	WIRKNER-VANCE 29N-36HZ AWB
Facility	SEC.36-T3N-R67W		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
13.00	0.000	298.320	13.00	TIE-ON
113.00	0.260	298.320	113.00	BEGIN GYRO SURVEYS
913.00	0.160	225.270	912.99	TIE-INTO GYROS
1080.00	0.300	352.200	1079.99	BEGIN BHI MWD+IFR SURVEYS
7593.00	91.259	358.390	7132.14	7" CASING POINT
11642.00	89.200	357.600	7147.00	LAST BHI MWD+IFR SURVEY
11696.00	89.200	357.600	7147.75	PROJECTION TO BIT