



Actual Wellpath Report

CARTER 35C-33HZ AWP

Page 1 of 6



REFERENCE WELLPATH IDENTIFICATION

Operator	KERR-MCGEE OIL & GAS ONSHORE LP (WA)	Slot	SLOT#04 CARTER 35C-33HZ (825'FNL & 1410'FWL, SEC.33)
Area	COLORADO	Well	CARTER 35C-33HZ
Field	WELD COUNTY (UTM/TRUE NORTH)	Wellbore	CARTER 35C-33HZ AWB <12909>
Facility	SEC.33-T2N-R66W		

REPORT SETUP INFORMATION

Projection System	NAD83 / UTM Zone 13 North, US feet	Software System	WellArchitect® 4.0.0
North Reference	True	User	Amarcar
Scale	0.999604	Report Generated	02/Oct/2015 at 12:52
Convergence at slot	0.14° East	Database/Source file	KERR MCGEE UTM/CARTER_35C-33HZ_AWB__12909_.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-373.37	745.25	1700096.01	14563067.21	40°05'58.495"N	104°47'11.717"W
Facility Reference Pt			1699350.17	14563438.66	40°06'02.185"N	104°47'21.307"W
Field Reference Pt			1698235.31	14552047.82	40°04'09.600"N	104°47'36.000"W

WELLPATH DATUM

Calculation method	Minimum curvature	XTREME 23 (16'KB) (RKB) to Facility Vertical Datum	4975.00ft
Horizontal Reference Pt	Slot	XTREME 23 (16'KB) (RKB) to Mean Sea Level	4975.00ft
Vertical Reference Pt	XTREME 23 (16'KB) (RKB)	XTREME 23 (16'KB) (RKB) to Mud Line at Slot (SLOT#04 CARTER 35C-33HZ (825'FNL & 1410'FWL, SEC.33))	4975.00ft
MD Reference Pt	XTREME 23 (16'KB) (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	180.72°

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MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00†	0.000	108.410	0.00	0.00	0.00	0.00	40°05'58.495"N	104°47'11.717"W	0.00	
16.00	0.000	108.410	16.00	0.00	0.00	0.00	40°05'58.495"N	104°47'11.717"W	0.00	
158.00	0.200	108.410	158.00	0.08	-0.08	0.24	40°05'58.494"N	104°47'11.714"W	0.14	BEGIN MWD SURVEYS
249.00	0.710	314.800	249.00	-0.27	0.27	-0.01	40°05'58.498"N	104°47'11.717"W	0.98	
343.00	1.730	338.080	342.98	-1.98	2.00	-0.96	40°05'58.515"N	104°47'11.729"W	1.18	
469.00	2.760	25.850	468.89	-6.49	6.49	-0.34	40°05'58.559"N	104°47'11.721"W	1.62	
564.00	3.470	358.770	563.75	-11.43	11.42	0.59	40°05'58.608"N	104°47'11.709"W	1.70	
659.00	4.360	3.240	658.53	-17.91	17.90	0.73	40°05'58.672"N	104°47'11.707"W	0.99	
754.00	5.210	356.950	753.20	-25.82	25.82	0.71	40°05'58.750"N	104°47'11.708"W	1.05	
881.00	7.650	359.240	879.39	-40.03	40.03	0.29	40°05'58.891"N	104°47'11.713"W	1.93	
976.00	8.550	358.330	973.44	-53.41	53.41	0.00	40°05'59.023"N	104°47'11.717"W	0.96	
1071.00	8.880	359.190	1067.34	-67.79	67.80	-0.31	40°05'59.165"N	104°47'11.721"W	0.37	
1166.00	10.320	356.370	1161.01	-83.61	83.63	-0.95	40°05'59.322"N	104°47'11.729"W	1.59	
1293.00	12.740	357.110	1285.44	-108.93	108.97	-2.38	40°05'59.572"N	104°47'11.747"W	1.91	
1387.00	14.060	0.990	1376.88	-130.69	130.74	-2.70	40°05'59.787"N	104°47'11.752"W	1.70	
1482.00	14.210	1.520	1469.00	-153.89	153.93	-2.20	40°06'00.016"N	104°47'11.745"W	0.21	
1577.00	15.500	0.590	1560.83	-178.25	178.28	-1.76	40°06'00.257"N	104°47'11.739"W	1.38	
1673.00	15.880	359.110	1653.25	-204.20	204.24	-1.83	40°06'00.514"N	104°47'11.740"W	0.57	
1768.00	16.390	359.350	1744.51	-230.59	230.64	-2.18	40°06'00.774"N	104°47'11.745"W	0.54	
1800.00	16.520	359.820	1775.20	-239.66	239.70	-2.25	40°06'00.864"N	104°47'11.746"W	0.58	TIE-ONTO MWD SURVEYS
1957.00	15.890	356.390	1925.96	-283.41	283.48	-3.67	40°06'01.297"N	104°47'11.764"W	0.73	BEGIN BHI MWD+IFR SURVEYS
2053.00	16.890	355.110	2018.06	-310.39	310.49	-5.69	40°06'01.563"N	104°47'11.790"W	1.11	
2148.00	16.160	354.200	2109.14	-337.26	337.39	-8.20	40°06'01.829"N	104°47'11.822"W	0.82	
2243.00	17.720	357.280	2200.01	-364.83	364.99	-10.22	40°06'02.102"N	104°47'11.848"W	1.89	
2338.00	16.660	354.830	2290.77	-392.81	392.99	-12.13	40°06'02.379"N	104°47'11.873"W	1.35	
2433.00	17.170	359.330	2381.66	-420.37	420.58	-13.53	40°06'02.651"N	104°47'11.891"W	1.48	
2528.00	18.050	3.310	2472.21	-449.10	449.29	-12.84	40°06'02.935"N	104°47'11.882"W	1.57	
2623.00	17.000	1.650	2562.80	-477.69	477.87	-11.59	40°06'03.218"N	104°47'11.866"W	1.22	
2718.00	17.580	6.250	2653.51	-505.85	506.01	-9.63	40°06'03.496"N	104°47'11.841"W	1.56	
2814.00	15.780	4.440	2745.47	-533.31	533.44	-7.04	40°06'03.767"N	104°47'11.807"W	1.95	
2909.00	17.390	5.540	2836.52	-560.35	560.45	-4.67	40°06'04.034"N	104°47'11.777"W	1.73	
3005.00	17.790	5.930	2928.03	-589.25	589.32	-1.77	40°06'04.319"N	104°47'11.740"W	0.43	
3100.00	16.590	5.270	3018.78	-617.22	617.26	0.98	40°06'04.595"N	104°47'11.704"W	1.28	
3195.00	17.660	4.330	3109.57	-645.13	645.13	3.31	40°06'04.871"N	104°47'11.674"W	1.16	
3290.00	16.030	4.320	3200.49	-672.60	672.58	5.39	40°06'05.142"N	104°47'11.647"W	1.72	
3386.00	16.860	2.500	3292.56	-699.74	699.71	6.99	40°06'05.410"N	104°47'11.627"W	1.02	
3481.00	17.860	2.210	3383.23	-728.08	728.03	8.16	40°06'05.690"N	104°47'11.612"W	1.06	
3576.00	15.470	359.570	3474.24	-755.31	755.26	8.62	40°06'05.959"N	104°47'11.606"W	2.64	
3671.00	15.550	359.160	3565.78	-780.71	780.67	8.34	40°06'06.210"N	104°47'11.609"W	0.14	
3766.00	16.390	0.860	3657.11	-806.84	806.80	8.35	40°06'06.468"N	104°47'11.609"W	1.01	
3862.00	16.810	359.460	3749.11	-834.26	834.22	8.43	40°06'06.739"N	104°47'11.608"W	0.60	
3957.00	17.430	359.620	3839.90	-862.22	862.19	8.20	40°06'07.015"N	104°47'11.611"W	0.65	
4052.00	16.970	354.930	3930.66	-890.24	890.23	6.88	40°06'07.293"N	104°47'11.628"W	1.54	
4147.00	17.890	355.010	4021.29	-918.56	918.57	4.39	40°06'07.573"N	104°47'11.660"W	0.97	
4242.00	17.650	359.370	4111.77	-947.48	947.51	2.96	40°06'07.859"N	104°47'11.679"W	1.42	

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Area	COLORADO	Well	CARTER 35C-33HZ
Field	WELD COUNTY (UTM/TRUE NORTH)	Wellbore	CARTER 35C-33HZ AWP <12909>
Facility	SEC.33-T2N-R66W		

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MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
4338.00	19.230	2.240	4202.84	-977.83	977.87	3.42	40°06'08.159"N	104°47'11.673"W	1.90	
4433.00	18.190	0.310	4292.82	-1008.30	1008.33	4.11	40°06'08.460"N	104°47'11.664"W	1.27	
4528.00	14.840	359.550	4383.88	-1035.30	1035.33	4.10	40°06'08.726"N	104°47'11.664"W	3.53	
4623.00	11.810	2.140	4476.32	-1057.18	1057.21	4.36	40°06'08.943"N	104°47'11.661"W	3.25	
4718.00	9.730	5.540	4569.64	-1074.90	1074.92	5.50	40°06'09.118"N	104°47'11.646"W	2.29	
4813.00	7.550	8.790	4663.56	-1089.09	1089.08	7.23	40°06'09.258"N	104°47'11.624"W	2.35	
4909.00	5.800	19.410	4758.90	-1099.93	1099.89	9.81	40°06'09.364"N	104°47'11.591"W	2.22	
5004.00	3.040	31.020	4853.61	-1106.65	1106.58	12.70	40°06'09.431"N	104°47'11.553"W	3.04	
5100.00	0.090	219.610	4949.57	-1108.79	1108.70	13.96	40°06'09.452"N	104°47'11.537"W	3.26	
5195.00	0.170	248.210	5044.57	-1108.68	1108.59	13.79	40°06'09.450"N	104°47'11.539"W	0.11	
5480.00	0.600	264.520	5329.56	-1108.35	1108.29	11.91	40°06'09.448"N	104°47'11.564"W	0.15	
5576.00	0.930	174.000	5425.56	-1107.53	1107.47	11.49	40°06'09.439"N	104°47'11.569"W	1.16	
5766.00	0.950	182.330	5615.53	-1104.42	1104.36	11.59	40°06'09.409"N	104°47'11.568"W	0.07	
5862.00	0.840	209.890	5711.52	-1103.01	1102.96	11.20	40°06'09.395"N	104°47'11.573"W	0.46	
6148.00	0.830	12.440	5997.51	-1103.21	1103.16	10.60	40°06'09.397"N	104°47'11.580"W	0.58	
6243.00	0.740	339.210	6092.50	-1104.45	1104.41	10.54	40°06'09.409"N	104°47'11.581"W	0.48	
6339.00	1.810	339.630	6188.48	-1106.44	1106.41	9.79	40°06'09.429"N	104°47'11.591"W	1.11	
6434.00	0.330	323.570	6283.46	-1108.06	1108.03	9.10	40°06'09.445"N	104°47'11.600"W	1.57	
6529.00	0.740	27.970	6378.45	-1108.82	1108.80	9.23	40°06'09.452"N	104°47'11.598"W	0.70	
6625.00	1.290	171.580	6474.45	-1108.31	1108.27	9.68	40°06'09.447"N	104°47'11.592"W	2.02	
6720.00	0.430	190.460	6569.44	-1106.90	1106.87	9.77	40°06'09.433"N	104°47'11.591"W	0.94	
6815.00	0.310	249.740	6664.43	-1106.46	1106.43	9.46	40°06'09.429"N	104°47'11.595"W	0.40	
6910.00	0.350	110.750	6759.43	-1106.27	1106.24	9.49	40°06'09.427"N	104°47'11.595"W	0.65	
7006.00	1.050	226.210	6855.43	-1105.55	1105.52	9.13	40°06'09.420"N	104°47'11.599"W	1.29	
7101.00	8.810	194.170	6950.01	-1097.85	1097.85	6.72	40°06'09.344"N	104°47'11.630"W	8.36	
7196.00	16.390	188.030	7042.66	-1077.45	1077.50	3.06	40°06'09.143"N	104°47'11.677"W	8.09	
7278.00†	22.647	189.136	7119.91	-1050.33	1050.43	-1.07	40°06'08.876"N	104°47'11.731"W	7.64	SSPG
7291.00	23.640	189.260	7131.86	-1045.28	1045.38	-1.88	40°06'08.826"N	104°47'11.741"W	7.64	
7339.00†	27.050	186.861	7175.24	-1024.90	1025.04	-4.74	40°06'08.625"N	104°47'11.778"W	7.42	NBRR
7386.00	30.420	185.000	7216.44	-1002.41	1002.57	-7.05	40°06'08.403"N	104°47'11.808"W	7.42	
7422.00†	33.200	183.951	7247.03	-983.47	983.66	-8.52	40°06'08.216"N	104°47'11.827"W	7.87	N470_B_CK
7482.00	37.850	182.510	7295.85	-948.65	948.86	-10.46	40°06'07.872"N	104°47'11.851"W	7.87	
7497.00†	39.050	182.421	7307.60	-939.33	939.54	-10.86	40°06'07.780"N	104°47'11.857"W	8.01	N700_C_CK
7528.00	41.530	182.250	7331.24	-919.29	919.51	-11.68	40°06'07.582"N	104°47'11.867"W	8.01	
7578.00	45.050	180.100	7367.64	-885.02	885.24	-12.36	40°06'07.243"N	104°47'11.876"W	7.63	
7629.00	52.820	180.610	7401.11	-846.60	846.82	-12.61	40°06'06.864"N	104°47'11.879"W	15.25	
7673.00	60.470	181.370	7425.29	-809.87	810.10	-13.26	40°06'06.501"N	104°47'11.887"W	17.45	
7724.00	69.920	179.150	7446.66	-763.64	763.86	-13.43	40°06'06.044"N	104°47'11.890"W	18.94	FRHS
7814.00	80.650	179.370	7469.49	-676.74	676.95	-12.31	40°06'05.185"N	104°47'11.875"W	11.92	
7850.00†	80.736	179.255	7475.31	-641.23	641.43	-11.89	40°06'04.834"N	104°47'11.870"W	0.40	CDLL
7864.00	80.770	179.210	7477.56	-627.41	627.61	-11.70	40°06'04.697"N	104°47'11.867"W	0.40	
7959.00	85.870	181.320	7488.61	-533.10	533.29	-12.15	40°06'03.765"N	104°47'11.873"W	5.80	
7998.00†	87.274	181.657	7490.94	-494.17	494.38	-13.16	40°06'03.381"N	104°47'11.886"W	3.70	LANDING POINT
8054.00	89.290	182.140	7492.62	-438.21	438.44	-15.01	40°06'02.828"N	104°47'11.910"W	3.70	
8150.00	89.880	181.420	7493.31	-342.23	342.49	-17.99	40°06'01.880"N	104°47'11.948"W	0.97	

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8245.00	88.770	180.070	7494.43	-247.24	247.50	-19.23	40°06'00.941"N	104°47'11.964"W	1.84	
8340.00	88.830	180.670	7496.42	-152.27	152.53	-19.84	40°06'00.003"N	104°47'11.972"W	0.63	
8435.00	89.260	180.580	7498.01	-57.28	57.55	-20.88	40°05'59.064"N	104°47'11.985"W	0.46	
8531.00	90.030	181.450	7498.60	38.71	-38.43	-22.58	40°05'58.115"N	104°47'12.007"W	1.21	
8626.00	89.540	180.760	7498.96	133.71	-133.42	-24.41	40°05'57.177"N	104°47'12.031"W	0.89	
8720.00	88.800	181.450	7500.32	227.70	-227.39	-26.22	40°05'56.248"N	104°47'12.054"W	1.08	
8816.00	90.090	180.430	7501.25	323.69	-323.37	-27.80	40°05'55.300"N	104°47'12.075"W	1.71	
8911.00	88.800	179.120	7502.17	418.67	-418.36	-27.43	40°05'54.361"N	104°47'12.070"W	1.94	
9007.00	87.380	177.580	7505.37	514.53	-514.26	-24.66	40°05'53.413"N	104°47'12.034"W	2.18	
9102.00	90.030	178.170	7507.52	609.38	-609.16	-21.14	40°05'52.475"N	104°47'11.989"W	2.86	
9197.00	89.450	175.960	7507.95	704.18	-704.03	-16.28	40°05'51.538"N	104°47'11.926"W	2.41	
9292.00	90.030	179.160	7508.38	799.02	-798.93	-12.24	40°05'50.600"N	104°47'11.874"W	3.42	
9387.00	91.450	180.510	7507.15	894.00	-893.92	-11.96	40°05'49.661"N	104°47'11.871"W	2.06	
9483.00	89.420	181.680	7506.42	989.98	-989.89	-13.80	40°05'48.713"N	104°47'11.894"W	2.44	
9578.00	90.250	180.970	7506.70	1084.98	-1084.86	-15.99	40°05'47.774"N	104°47'11.923"W	1.15	
9673.00	88.610	179.990	7507.64	1179.97	-1179.85	-16.79	40°05'46.836"N	104°47'11.933"W	2.01	
9769.00	89.570	180.670	7509.17	1275.95	-1275.83	-17.34	40°05'45.887"N	104°47'11.940"W	1.23	
9864.00	90.770	181.400	7508.88	1370.95	-1370.81	-19.06	40°05'44.949"N	104°47'11.962"W	1.48	
9959.00	88.460	179.760	7509.52	1465.93	-1465.80	-20.02	40°05'44.010"N	104°47'11.974"W	2.98	
10055.00	89.200	179.180	7511.48	1561.89	-1561.77	-19.13	40°05'43.062"N	104°47'11.963"W	0.98	
10150.00	88.090	178.880	7513.73	1656.82	-1656.73	-17.52	40°05'42.123"N	104°47'11.942"W	1.21	
10245.00	88.770	178.790	7516.33	1751.73	-1751.68	-15.59	40°05'41.185"N	104°47'11.917"W	0.72	
10340.00	89.170	180.180	7518.04	1846.69	-1846.65	-14.74	40°05'40.246"N	104°47'11.906"W	1.52	
10435.00	89.290	180.120	7519.32	1941.68	-1941.64	-14.99	40°05'39.308"N	104°47'11.910"W	0.14	
10531.00	89.910	179.490	7519.99	2037.66	-2037.64	-14.66	40°05'38.359"N	104°47'11.905"W	0.92	
10626.00	89.570	182.270	7520.42	2132.65	-2132.62	-16.12	40°05'37.420"N	104°47'11.924"W	2.95	
10721.00	89.540	182.560	7521.16	2227.61	-2227.53	-20.12	40°05'36.482"N	104°47'11.976"W	0.31	
10816.00	90.980	182.480	7520.72	2322.56	-2322.44	-24.30	40°05'35.545"N	104°47'12.029"W	1.52	
10911.00	90.250	181.070	7519.71	2417.53	-2417.38	-27.24	40°05'34.606"N	104°47'12.067"W	1.67	
11007.00	90.620	180.530	7518.98	2513.53	-2513.37	-28.58	40°05'33.658"N	104°47'12.085"W	0.68	
11102.00	90.340	180.570	7518.18	2608.53	-2608.36	-29.49	40°05'32.719"N	104°47'12.096"W	0.30	
11197.00	90.830	180.110	7517.21	2703.52	-2703.35	-30.06	40°05'31.780"N	104°47'12.104"W	0.71	
11293.00	91.630	180.550	7515.15	2799.49	-2799.33	-30.61	40°05'30.832"N	104°47'12.111"W	0.95	
11388.00	90.280	180.740	7513.57	2894.48	-2894.31	-31.68	40°05'29.893"N	104°47'12.124"W	1.44	
11483.00	90.560	180.980	7512.87	2989.48	-2989.30	-33.11	40°05'28.955"N	104°47'12.143"W	0.39	
11577.00	90.990	180.770	7511.60	3083.47	-3083.28	-34.54	40°05'28.026"N	104°47'12.161"W	0.51	
11672.00	91.600	180.130	7509.45	3178.44	-3178.25	-35.29	40°05'27.087"N	104°47'12.171"W	0.93	
11767.00	90.090	180.610	7508.05	3273.42	-3273.23	-35.90	40°05'26.149"N	104°47'12.179"W	1.67	
11862.00	90.150	180.140	7507.85	3368.42	-3368.23	-36.52	40°05'25.210"N	104°47'12.187"W	0.50	
11957.00	89.910	178.830	7507.80	3463.40	-3463.22	-35.67	40°05'24.271"N	104°47'12.176"W	1.40	
12052.00	89.850	178.060	7508.00	3558.32	-3558.19	-33.09	40°05'23.333"N	104°47'12.143"W	0.81	
12148.00	87.970	178.530	7509.83	3654.21	-3654.12	-30.24	40°05'22.385"N	104°47'12.106"W	2.02	
12243.00	88.800	181.820	7512.51	3749.16	-3749.07	-30.53	40°05'21.446"N	104°47'12.110"W	3.57	
12338.00	89.170	181.490	7514.19	3844.13	-3844.02	-33.27	40°05'20.508"N	104°47'12.145"W	0.52	
12433.00	89.910	181.520	7514.95	3939.12	-3938.98	-35.76	40°05'19.570"N	104°47'12.177"W	0.78	

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR-MCGEE OIL & GAS ONSHORE LP (WA)	Slot	SLOT#04 CARTER 35C-33HZ (825'FNL & 1410'FWL, SEC.33)
Area	COLORADO	Well	CARTER 35C-33HZ
Field	WELD COUNTY (UTM/TRUE NORTH)	Wellbore	CARTER 35C-33HZ AWB <12909>
Facility	SEC.33-T2N-R66W		

WELLPATH DATA (141 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
12529.00	90.120	180.520	7514.93	4035.12	-4034.96	-37.47	40°05'18.621"N	104°47'12.199"W	1.06	
12623.00	90.340	179.880	7514.55	4129.11	-4128.96	-37.80	40°05'17.692"N	104°47'12.203"W	0.72	
12718.00	91.020	179.010	7513.42	4224.08	-4223.95	-36.88	40°05'16.753"N	104°47'12.191"W	1.16	
12813.00	91.080	178.420	7511.68	4319.00	-4318.91	-34.75	40°05'15.815"N	104°47'12.164"W	0.62	
12864.00	91.420	177.870	7510.57	4369.94	-4369.87	-33.10	40°05'15.311"N	104°47'12.143"W	1.27	LAST BHI MWD+IFR SURVEYS
12909.00	91.420	177.870	7509.45	4414.87	-4414.82	-31.43	40°05'14.867"N	104°47'12.121"W	0.00	PROJECTION TO BIT

HOLE & CASING SECTIONS - Ref Wellbore: CARTER 35C-33HZ AWB <12909> Ref Wellpath: CARTER 35C-33HZ 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	1867.00	1851.00	16.00	1839.48	0.00	0.00	258.60	-2.54
9.625in Casing Surface	16.00	1857.00	1841.00	16.00	1829.88	0.00	0.00	255.80	-2.47
7.875in Open Hole	1867.00	12909.00	11042.00	1839.48	7509.45	258.60	-2.54	-4414.82	-31.43

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
SEC.32-T2N-R66W SECTION LINES	0.00	0.36	-89.80	1700006.25	14563067.36	40°05'58.499"N	104°47'12.872"W	polygon
SEC.28-T2N-R66W SECTION LINES	4975.00	-503.41	2669.53	1702765.69	14562570.40	40°05'53.519"N	104°46'37.365"W	polygon
SEC.33-T2N-R66W SECTION LINES	4975.00	0.36	-89.80	1700006.25	14563067.36	40°05'58.499"N	104°47'12.872"W	polygon
CARTER 35C-33HZ ARC	7495.00	826.04	-88.89	1700005.18	14563892.70	40°06'06.658"N	104°47'12.861"W	circle
CARTER 35C-33HZ BHL ON PLAT (50'FSL & 1342'FWL, SEC.33) REV-1	7495.00	-4400.29	-56.80	1700049.79	14558668.54	40°05'15.011"N	104°47'12.448"W	point
CARTER 35C-33HZ LANDBOX	7495.00	-0.02	-0.02	1700096.00	14563067.19	40°05'58.495"N	104°47'11.717"W	polygon
SEC.29-T2N-R66W SECTION LINES	7524.00	5793.95	-3771.18	1696312.45	14568849.79	40°06'55.749"N	104°48'00.257"W	polygon

WELLPATH COMPOSITION - Ref Wellbore: CARTER 35C-33HZ AWB <12909> Ref Wellpath: CARTER 35C-33HZ AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
16.00	1800.00	Custom APC_ISCWSA REV 2 MWD	SCIENTIFIC DRILLING MWD SURVEYS <158-1800>	CARTER 35C-33HZ AWB <12909>
1800.00	12864.00	Custom APC_ISCWSA REV 2 MWD+IFR1+SC (approximation)	BHI MWD+IFR SURVEYS 7.875" <1957-12864>	CARTER 35C-33HZ AWB <12909>
12864.00	12909.00	Blind Drilling (std)	Projection to bit	CARTER 35C-33HZ AWB <12909>



Actual Wellpath Report

CARTER 35C-33HZ AWP
Page 6 of 6



REFERENCE WELLPATH IDENTIFICATION

Operator	KERR-MCGEE OIL & GAS ONSHORE LP (WA)	Slot	SLOT#04 CARTER 35C-33HZ (825'FNL & 1410'FWL, SEC.33)
Area	COLORADO	Well	CARTER 35C-33HZ
Field	WELD COUNTY (UTM/TRUE NORTH)	Wellbore	CARTER 35C-33HZ AWB <12909>
Facility	SEC.33-T2N-R66W		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
158.00	0.200	108.410	158.00	BEGIN MWD SURVEYS
1800.00	16.520	359.820	1775.20	TIE-ONTO MWD SURVEYS
1957.00	15.890	356.390	1925.96	BEGIN BHI MWD+IFR SURVEYS
7278.00	22.647	189.136	7119.91	SSPG
7339.00	27.050	186.861	7175.24	NBRR
7422.00	33.200	183.951	7247.03	N470_B_CK
7497.00	39.050	182.421	7307.60	N700_C_CK
7724.00	69.920	179.150	7446.66	FRHS
7850.00	80.736	179.255	7475.31	CDLL
7998.00	87.274	181.657	7490.94	LANDING POINT
12864.00	91.420	177.870	7510.57	LAST BHI MWD+IFR SURVEYS
12909.00	91.420	177.870	7509.45	PROJECTION TO BIT