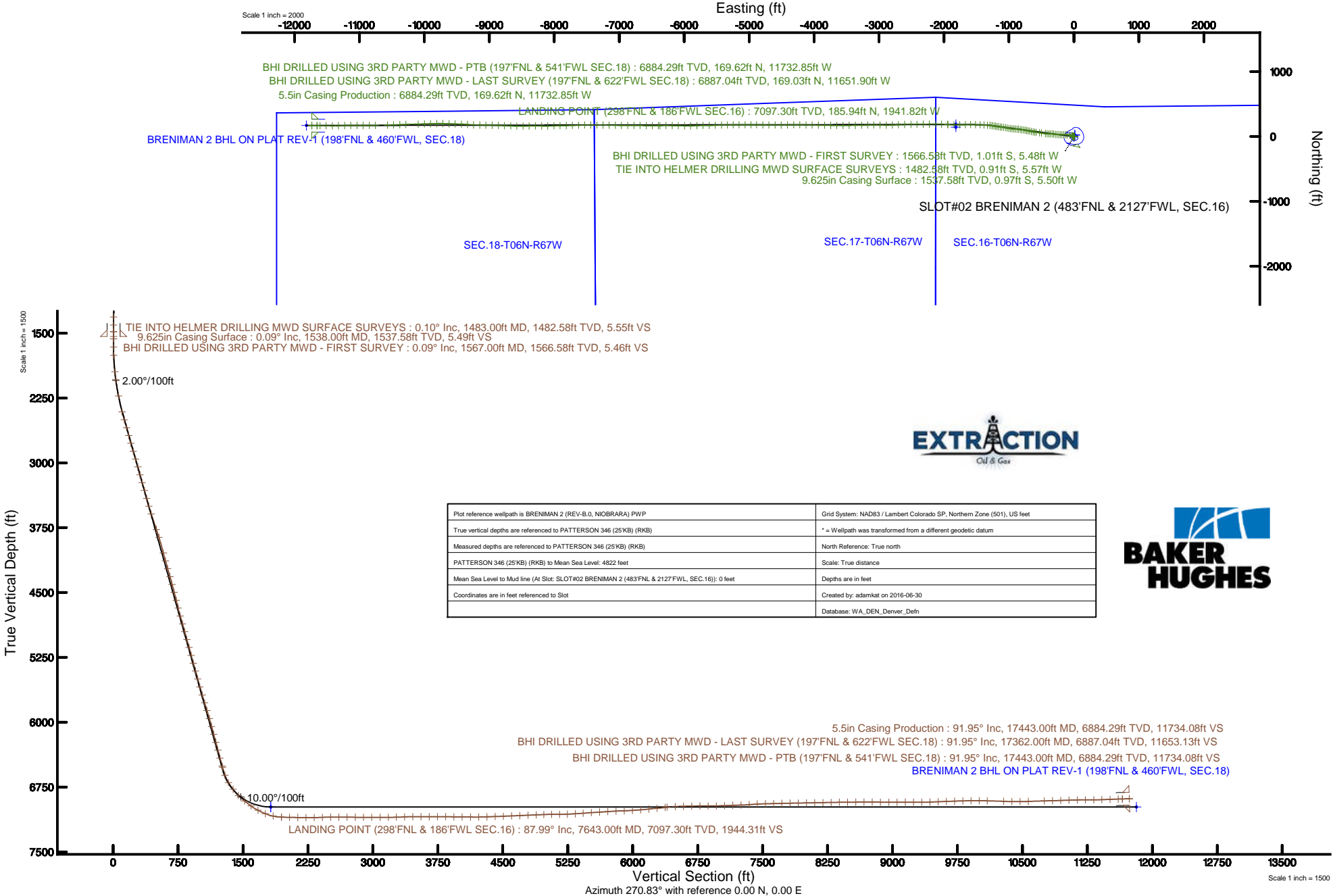


# EXTRACTION OIL & GAS

Location: COLORADO Slot: SLOT#02 BRENNIMAN 2 (483'FNL & 2127'FWL, SEC.16)  
Field: WELD COUNTY (NAD83/TRUE NORTH) Well: BRENNIMAN 2  
Facility: SEC.16-T06N-R67W Wellbore: BRENNIMAN 2 PWB





# Actual Wellpath Report

BRENIMAN 2 AWP

Page 1 of 7



REFERENCE WELLPATH IDENTIFICATION			
Operator	EXTRACTION OIL & GAS	Slot	SLOT#02 BRENIMAN 2 (483'FNL & 2127'FWL, SEC.16)
Area	COLORADO	Well	BRENIMAN 2
Field	WELD COUNTY (NAD83/TRUE NORTH)	Wellbore	BRENIMAN 2 AWB
Facility	SEC.16-T06N-R67W		

REPORT SETUP INFORMATION			
Projection System	NAD83 / Lambert Colorado SP, Northern Zone (501), US feet	Software System	WellArchitect® 5.0
North Reference	True	User	Adamkat
Scale	0.999966	Report Generated	6/30/2016 at 12:16:06 PM
Convergence at slot	0.39° East	Database/Source file	WA_DEN_Denver_Defn/BRENIMAN_2_AWP.xml

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-24.09	-14.22	3166875.93	1422925.49	40°29'34.015"N	104°54'00.004"W
Facility Reference Pt			3166889.98	1422949.67	40°29'34.253"N	104°53'59.820"W
Field Reference Pt			3185481.27	1419166.81	40°28'55.560"N	104°49'59.556"W

WELLPATH DATUM			
Calculation method	Minimum curvature	PATTERSON 346 (25'KB) (RKB) to Facility Vertical Datum	4822.00ft
Horizontal Reference Pt	Slot	PATTERSON 346 (25'KB) (RKB) to Mean Sea Level	4822.00ft
Vertical Reference Pt	PATTERSON 346 (25'KB) (RKB)	PATTERSON 346 (25'KB) (RKB) to Mud Line at Slot (SLOT#02 BRENIMAN 2 (483'FNL & 2127'FWL, SEC.16))	4822.00ft
MD Reference Pt	PATTERSON 346 (25'KB) (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	270.83°

### REFERENCE WELLPATH IDENTIFICATION

Operator	EXTRACTION OIL & GAS	Slot	SLOT#02 BRENIMAN 2 (483'FNL & 2127'FWL, SEC.16)
Area	COLORADO	Well	BRENIMAN 2
Field	WELD COUNTY (NAD83/TRUE NORTH)	Wellbore	BRENIMAN 2 AWP
Facility	SEC.16-T06N-R67W		

### WELLPATH DATA (166 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
1483.00	0.100	127.100	1482.58	5.55	-0.91	-5.57	0.17	TIE INTO HELMER DRILLING MWD SURFACE SURVEYS
1567.00	0.090	154.930	1566.58	5.46	-1.01	-5.48	0.06	BHI DRILLED USING 3RD PARTY MWD - FIRST SURVEY
1662.00	0.310	337.640	1661.58	5.53	-0.84	-5.55	0.42	
1756.00	2.700	305.550	1755.54	7.45	0.68	-7.44	2.60	
1946.00	6.890	304.630	1944.83	20.61	9.76	-20.47	2.21	
2040.00	7.510	284.450	2038.11	31.26	14.50	-31.06	2.75	
2230.00	11.800	283.830	2225.37	62.28	22.25	-61.96	2.26	
2419.00	14.100	269.420	2409.60	104.14	26.64	-103.76	2.09	
2514.00	16.620	271.230	2501.20	129.29	26.81	-128.92	2.70	
2609.00	15.600	271.050	2592.47	155.65	27.34	-155.28	1.07	
2703.00	15.910	272.330	2682.94	181.17	28.09	-180.79	0.50	
2798.00	14.490	270.430	2774.61	206.08	28.71	-205.68	1.58	
2893.00	18.120	272.550	2865.78	232.74	29.46	-232.33	3.87	
2987.00	15.690	272.460	2955.71	260.06	30.65	-259.64	2.59	
3082.00	16.390	278.940	3047.02	286.17	33.29	-285.72	2.02	
3176.00	14.180	280.350	3137.69	310.66	37.42	-310.15	2.38	
3271.00	15.820	275.060	3229.45	335.05	40.65	-334.50	2.25	
3365.00	16.880	270.040	3319.65	361.47	41.79	-360.91	1.88	
3459.00	14.410	269.550	3410.16	386.82	41.71	-386.25	2.63	
3554.00	16.390	275.320	3501.75	412.00	42.86	-411.42	2.63	
3648.00	18.690	277.220	3591.38	440.19	45.98	-439.58	2.52	
3837.00	18.600	278.940	3770.46	500.13	54.47	-499.39	0.29	
3932.00	17.720	277.840	3860.73	529.48	58.80	-528.68	0.99	
4121.00	14.100	275.320	4042.46	580.99	64.86	-580.12	1.95	
4216.00	15.380	279.420	4134.33	604.99	67.99	-604.07	1.74	
4310.00	16.700	282.020	4224.67	630.56	72.85	-629.58	1.60	
4405.00	16.000	282.640	4315.83	656.77	78.55	-655.70	0.76	
4499.00	14.410	281.760	4406.54	680.94	83.77	-679.80	1.71	
4593.00	15.910	280.740	4497.26	705.11	88.56	-703.91	1.62	
4688.00	13.610	281.450	4589.12	728.93	93.20	-727.66	2.43	
4782.00	14.320	280.660	4680.34	751.25	97.55	-749.92	0.78	
4876.00	15.910	280.440	4771.09	775.41	102.03	-774.02	1.69	
4971.00	15.910	275.940	4862.45	801.22	105.74	-799.78	1.30	
5065.00	15.690	278.630	4952.90	826.65	108.98	-825.16	0.81	
5160.00	15.822	277.220	5044.33	852.24	112.54	-850.71	0.43	
5254.00	15.110	270.830	5134.94	877.23	114.33	-875.67	1.96	
5349.00	14.720	276.650	5226.74	901.62	115.90	-900.04	1.63	
5443.00	15.600	273.340	5317.47	926.13	118.02	-924.52	1.31	
5537.00	16.080	273.740	5407.90	951.76	119.61	-950.13	0.52	
5632.00	15.110	274.620	5499.40	977.26	121.46	-975.60	1.05	
5728.00	15.690	284.140	5591.97	1002.38	125.64	-1000.67	2.70	
5824.00	17.010	282.950	5684.09	1028.74	131.96	-1026.94	1.42	
5919.00	17.190	280.920	5774.89	1056.15	137.73	-1054.27	0.66	
6014.00	17.590	276.250	5865.55	1084.26	141.96	-1082.32	1.53	
6110.00	15.910	272.150	5957.48	1111.86	144.03	-1109.89	2.14	

### REFERENCE WELLPATH IDENTIFICATION

Operator	EXTRACTION OIL & GAS	Slot	SLOT#02 BRENIMAN 2 (483'FNL & 2127'FWL, SEC.16)
Area	COLORADO	Well	BRENIMAN 2
Field	WELD COUNTY (NAD83/TRUE NORTH)	Wellbore	BRENIMAN 2 AWP
Facility	SEC.16-T06N-R67W		

### WELLPATH DATA (166 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
6205.00	15.290	280.040	6048.99	1137.24	146.70	-1135.24	2.32	
6299.00	15.510	279.160	6139.61	1161.91	150.86	-1159.85	0.34	
6394.00	14.800	279.640	6231.31	1186.47	154.92	-1184.36	0.76	
6489.00	14.490	282.640	6323.22	1210.10	159.55	-1207.92	0.86	
6584.00	14.890	279.030	6415.12	1233.81	164.07	-1231.57	1.05	
6679.00	16.220	280.130	6506.64	1258.99	168.32	-1256.68	1.43	
6694.00	15.820	278.850	6521.05	1263.08	169.00	-1260.77	3.56	
6789.00	19.710	275.460	6611.51	1291.88	172.52	-1289.52	4.24	
6884.00	30.890	273.830	6697.26	1332.33	175.68	-1329.93	11.79	
6979.00	36.810	272.150	6776.13	1385.18	178.38	-1382.75	6.31	
7074.00	44.900	272.020	6847.92	1447.26	180.63	-1444.80	8.52	
7168.00	51.610	271.750	6910.47	1517.34	182.93	-1514.86	7.14	
7263.00	53.380	269.950	6968.31	1592.70	184.03	-1590.20	2.39	
7358.00	63.280	268.930	7018.13	1673.42	183.21	-1670.95	10.46	
7452.00	66.810	269.420	7057.78	1758.60	181.98	-1756.15	3.78	
7547.00	78.480	270.960	7086.07	1849.11	182.32	-1846.67	12.38	
7642.00	87.980	273.340	7097.26	1943.31	185.88	-1940.82	10.30	
7643.00†	87.987	273.322	7097.30	1944.31	185.94	-1941.82	1.96	LANDING POINT (298'FNL & 186'FWL SEC.16)
7737.00	88.690	271.620	7100.02	2038.22	189.99	-2035.69	1.96	
7832.00	89.310	269.150	7101.68	2133.20	190.62	-2130.66	2.68	
7926.00	88.910	269.730	7103.14	2227.16	189.71	-2224.65	0.75	
8021.00	91.600	269.860	7102.72	2322.13	189.37	-2319.64	2.83	
8117.00	92.400	269.640	7099.37	2418.06	188.95	-2415.58	0.86	
8211.00	89.620	269.420	7097.71	2512.01	188.18	-2509.55	2.97	
8307.00	90.010	268.360	7098.02	2607.95	186.32	-2605.53	1.18	
8402.00	89.700	266.950	7098.26	2702.80	182.43	-2700.45	1.52	
8496.00	89.310	267.260	7099.07	2796.60	177.68	-2794.32	0.53	
8591.00	89.880	270.650	7099.74	2891.53	175.95	-2889.29	3.62	
8687.00	89.620	271.050	7100.16	2987.53	177.37	-2985.28	0.50	
8782.00	90.500	270.520	7100.06	3082.53	178.68	-3080.27	1.08	
8877.00	89.880	267.520	7099.75	3177.47	177.05	-3175.24	3.22	
8971.00	92.000	269.020	7098.21	3271.36	174.21	-3269.18	2.76	
9066.00	92.000	270.040	7094.89	3366.27	173.44	-3364.12	1.07	
9161.00	90.100	268.850	7093.15	3461.22	172.51	-3459.09	2.36	
9256.00	89.700	270.040	7093.31	3556.19	171.59	-3554.09	1.32	
9351.00	89.880	270.340	7093.66	3651.19	171.91	-3649.08	0.37	
9446.00	90.590	271.050	7093.27	3746.19	173.06	-3744.08	1.06	
9540.00	89.790	270.830	7092.96	3840.18	174.60	-3838.06	0.88	
9635.00	87.980	271.050	7094.81	3935.16	176.16	-3933.03	1.92	
9731.00	90.590	270.520	7096.01	4031.15	177.48	-4029.00	2.77	
9826.00	89.090	271.360	7096.27	4126.14	179.04	-4123.98	1.81	
9921.00	90.590	270.830	7096.54	4221.14	180.85	-4218.96	1.67	
10016.00	92.310	269.330	7094.13	4316.09	180.98	-4313.93	2.40	
10111.00	91.380	267.830	7091.08	4410.97	178.63	-4408.84	1.86	
10207.00	92.800	269.860	7087.57	4506.84	176.70	-4504.75	2.58	

### REFERENCE WELLPATH IDENTIFICATION

Operator	EXTRACTION OIL & GAS	Slot	SLOT#02 BRENIMAN 2 (483'FNL & 2127'FWL, SEC.16)
Area	COLORADO	Well	BRENIMAN 2
Field	WELD COUNTY (NAD83/TRUE NORTH)	Wellbore	BRENIMAN 2 AWP
Facility	SEC.16-T06N-R67W		

### WELLPATH DATA (166 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
10302.00	92.180	270.520	7083.45	4601.74	177.01	-4599.66	0.95	
10397.00	92.180	270.520	7079.83	4696.67	177.87	-4694.59	0.00	
10492.00	93.110	271.750	7075.45	4791.57	179.75	-4789.47	1.62	
10587.00	91.910	269.640	7071.29	4886.47	180.90	-4884.36	2.55	
10674.00	92.490	269.550	7067.95	4973.38	180.29	-4971.30	0.67	
10764.00	90.500	270.520	7065.60	5063.34	180.34	-5061.26	2.46	
10856.00	89.480	269.950	7065.62	5155.33	180.72	-5153.26	1.27	
10947.00	92.620	269.330	7063.95	5246.28	180.15	-5244.23	3.52	
11038.00	93.990	269.240	7058.70	5337.10	179.02	-5335.07	1.51	
11129.00	93.900	268.630	7052.44	5427.83	177.33	-5425.84	0.68	
11224.00	94.300	267.440	7045.65	5522.47	174.08	-5520.53	1.32	
11319.00	93.500	269.640	7039.19	5617.17	171.67	-5615.28	2.46	
11414.00	93.680	269.240	7033.24	5711.96	170.74	-5710.09	0.46	
11509.00	92.890	267.040	7027.79	5806.69	167.66	-5804.87	2.46	
11604.00	91.380	270.040	7024.26	5901.54	165.24	-5899.76	3.53	
11699.00	93.590	270.960	7020.14	5996.44	166.07	-5994.66	2.52	
11795.00	94.700	271.050	7013.20	6092.18	167.75	-6090.40	1.16	
11890.00	96.290	271.230	7004.10	6186.74	169.63	-6184.94	1.68	
11985.00	95.410	269.640	6994.42	6281.24	170.35	-6279.44	1.91	
12079.00	96.200	268.360	6984.91	6374.71	168.72	-6372.94	1.59	
12101.00	96.300	269.990	6982.51	6396.57	168.40	-6394.80	7.38	
12196.00	92.150	269.740	6975.52	6491.28	168.18	-6489.52	4.38	
12291.00	92.010	271.100	6972.07	6586.21	168.87	-6584.46	1.44	
12386.00	90.840	270.800	6969.71	6681.18	170.45	-6679.41	1.27	
12480.00	90.540	270.260	6968.57	6775.17	171.32	-6773.40	0.66	
12575.00	89.900	269.980	6968.21	6870.16	171.52	-6868.40	0.74	
12671.00	91.240	270.630	6967.25	6966.15	172.03	-6964.39	1.55	
12766.00	91.610	271.120	6964.89	7061.12	173.48	-7059.35	0.65	
12861.00	92.550	271.460	6961.44	7156.05	175.61	-7154.26	1.05	
12956.00	91.070	269.930	6958.44	7251.00	176.77	-7249.20	2.24	
13050.00	95.470	271.140	6953.08	7344.82	177.64	-7343.02	4.85	
13144.00	92.610	269.900	6946.46	7438.57	178.49	-7436.77	3.31	
13239.00	91.510	269.090	6943.05	7533.49	177.65	-7531.70	1.44	
13333.00	91.010	267.550	6940.98	7627.37	174.90	-7625.64	1.72	
13428.00	91.750	268.890	6938.69	7722.24	171.95	-7720.56	1.61	
13523.00	90.840	268.140	6936.54	7817.14	169.48	-7815.50	1.24	
13617.00	91.240	269.950	6934.84	7911.07	167.92	-7909.47	1.97	
13712.00	90.940	267.180	6933.03	8005.97	165.54	-8004.41	2.93	
13807.00	91.310	269.250	6931.16	8100.85	162.58	-8099.35	2.21	
13902.00	90.810	271.390	6929.41	8195.82	163.11	-8194.32	2.31	
13997.00	91.140	269.420	6927.79	8290.80	163.78	-8289.30	2.10	
14093.00	91.140	269.680	6925.88	8386.76	163.03	-8385.28	0.27	
14188.00	90.230	269.170	6924.74	8481.72	162.08	-8480.27	1.10	
14283.00	90.740	270.470	6923.94	8576.70	161.78	-8575.26	1.47	
14378.00	90.340	271.590	6923.04	8671.70	163.49	-8670.24	1.25	

### REFERENCE WELLPATH IDENTIFICATION

Operator	EXTRACTION OIL & GAS	Slot	SLOT#02 BRENIMAN 2 (483'FNL & 2127'FWL, SEC.16)
Area	COLORADO	Well	BRENIMAN 2
Field	WELD COUNTY (NAD83/TRUE NORTH)	Wellbore	BRENIMAN 2 AWP
Facility	SEC.16-T06N-R67W		

### WELLPATH DATA (166 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
14473.00	89.600	272.650	6923.09	8766.67	167.00	-8765.17	1.36	
14568.00	88.830	271.630	6924.40	8861.63	170.55	-8860.09	1.35	
14664.00	90.400	271.460	6925.04	8957.62	173.13	-8956.05	1.64	
14759.00	90.470	271.290	6924.32	9052.61	175.41	-9051.02	0.19	
14854.00	89.870	270.320	6924.04	9147.61	176.75	-9146.01	1.20	
14949.00	89.260	273.280	6924.76	9242.58	179.73	-9240.95	3.18	
15044.00	89.430	274.090	6925.85	9337.46	185.84	-9335.75	0.87	
15138.00	92.820	272.040	6924.00	9431.35	190.86	-9429.58	4.21	
15234.00	92.460	271.450	6919.58	9527.24	193.78	-9525.43	0.72	
15328.00	91.980	271.870	6915.94	9621.16	196.50	-9619.32	0.68	
15423.00	92.120	271.630	6912.54	9716.08	199.40	-9714.21	0.29	
15518.00	91.380	268.320	6909.64	9811.01	199.36	-9809.16	3.57	
15613.00	91.110	268.390	6907.57	9905.90	196.63	-9904.09	0.29	
15708.00	89.060	268.320	6907.43	10000.81	193.91	-9999.05	2.16	
15802.00	88.860	268.480	6909.14	10094.71	191.28	-10093.00	0.27	
15992.00	87.520	268.360	6915.14	10284.44	186.05	-10282.83	0.71	
16086.00	89.090	267.830	6917.92	10378.29	182.92	-10376.73	1.76	
16182.00	90.370	266.690	6918.37	10474.10	178.34	-10472.62	1.79	
16277.00	92.250	269.270	6916.20	10568.95	174.99	-10567.52	3.36	
16462.00	91.780	269.030	6909.69	10753.75	172.24	-10752.38	0.29	
16557.00	91.010	268.900	6907.38	10848.67	170.53	-10847.34	0.82	
16652.00	92.080	270.200	6904.82	10943.61	169.78	-10942.30	1.77	
16747.00	91.780	270.720	6901.62	11038.55	170.54	-11037.24	0.63	
16842.00	91.210	269.570	6899.14	11133.51	170.79	-11132.21	1.35	
16936.00	90.670	269.030	6897.60	11227.47	169.64	-11226.19	0.81	
17032.00	89.770	267.370	6897.23	11323.36	166.62	-11322.13	1.97	
17126.00	91.980	271.330	6895.80	11417.29	165.55	-11416.09	4.82	
17221.00	92.320	270.900	6892.23	11512.22	167.40	-11511.01	0.58	
17315.00	92.020	270.580	6888.67	11606.16	168.62	-11604.93	0.47	
17362.00	91.950	270.420	6887.04	11653.13	169.03	-11651.90	0.37	BHI DRILLED USING 3RD PARTY MWD - LAST SURVEY (197'FNL & 622'FWL SEC.18)
17443.00	91.950	270.420	6884.29	11734.08	169.62	-11732.85	0.00	BHI DRILLED USING 3RD PARTY MWD - PTB (197'FNL & 541'FWL SEC.18)

### HOLE & CASING SECTIONS - Ref Wellbore: BRENIMAN 2 AWP Ref Wellpath: BRENIMAN 2 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	0.00	1538.00	1538.00	0.00	1537.58	0.00	0.00	-0.97	-5.50
9.625in Casing Surface	0.00	1538.00	1538.00	0.00	1537.58	0.00	0.00	-0.97	-5.50
7.875in Open Hole	1538.00	17443.00	15905.00	1537.58	6884.29	-0.97	-5.50	169.62	-11732.85
5.5in Casing Production	0.00	17443.00	17443.00	0.00	6884.29	0.00	0.00	169.62	-11732.85



# Actual Wellpath Report

BRENIMAN 2 AWP

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## REFERENCE WELLPATH IDENTIFICATION

Operator	EXTRACTION OIL & GAS	Slot	SLOT#02 BRENIMAN 2 (483'FNL & 2127'FWL, SEC.16)
Area	COLORADO	Well	BRENIMAN 2
Field	WELD COUNTY (NAD83/TRUE NORTH)	Wellbore	BRENIMAN 2 AWB
Facility	SEC.16-T06N-R67W		

## TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
SEC.16-T06N-R67W	0.00	24.09	14.22	3166889.98	1422949.67	40°29'34.253"N	104°53'59.820"W	polygon
SEC.17-T06N-R67W	0.00	24.09	14.22	3166889.98	1422949.67	40°29'34.253"N	104°53'59.820"W	polygon
SEC.18-T06N-R67W	0.00	24.09	14.22	3166889.98	1422949.67	40°29'34.253"N	104°53'59.820"W	polygon
BRENIMAN 2 BHL ON PLAT REV-1 (198'FNL & 460'FWL, SEC.18)	6980.00	170.82	-11814.43	3155061.04	1423016.36	40°29'35.675"N	104°56'32.921"W	point
BRENIMAN 2 LANDING POINT ON PLAT (441'FNL & 310'FWL, SEC.16)	6980.00	145.79	-1817.63	3165057.42	1423058.98	40°29'35.455"N	104°54'23.530"W	point
BRENIMAN 2 LANDING POINT REV-1(401'FNL & 310'FWL, SEC.16)	6980.00	185.79	-1817.63	3165057.15	1423098.97	40°29'35.850"N	104°54'23.530"W	point

## WELLPATH COMPOSITION - Ref Wellbore: BRENIMAN 2 AWB Ref Wellpath: BRENIMAN 2 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	1483.00	ISCWSA MWD, Rev. 4 (Standard)	HELMER DRILLING SURFACE MWD SURVEYS <77 - 1483>	BRENIMAN 2 AWB
1483.00	17362.00	ISCWSA MWD, Rev. 4 (Standard)	BHI DRILLED USING 3RD PARTY MWD 7 7/8" MONOBORE SURVEYS <1483 - 17362>	BRENIMAN 2 AWB
17362.00	17443.00	Blind Drilling (std)	Projection to bit	BRENIMAN 2 AWB



# Actual Wellpath Report

BRENIMAN 2 AWP

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## REFERENCE WELLPATH IDENTIFICATION

Operator	EXTRACTION OIL & GAS	Slot	SLOT#02 BRENIMAN 2 (483'FNL & 2127'FWL, SEC.16)
Area	COLORADO	Well	BRENIMAN 2
Field	WELD COUNTY (NAD83/TRUE NORTH)	Wellbore	BRENIMAN 2 AWP
Facility	SEC.16-T06N-R67W		

## WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
1483.00	0.100	127.100	1482.58	TIE INTO HELMER DRILLING MWD SURFACE SURVEYS
1567.00	0.090	154.930	1566.58	BHI DRILLED USING 3RD PARTY MWD - FIRST SURVEY
7643.00	87.987	273.322	7097.30	LANDING POINT (298'FNL & 186'FWL SEC.16)
17362.00	91.950	270.420	6887.04	BHI DRILLED USING 3RD PARTY MWD - LAST SURVEY (197'FNL & 622'FWL SEC.18)
17443.00	91.950	270.420	6884.29	BHI DRILLED USING 3RD PARTY MWD - PTB (197'FNL & 541'FWL SEC.18)