

30-015-39806



Devon Energy

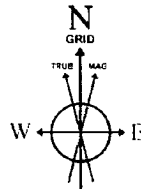
Location: Eddy County, NM
 Field: (Beryl) Sec 33, T19S, R29E
 Facility: Beryl 33 Federal Com No 2H

Slot: No 2H SHL
 Well: No 2H
 Wellbore: No 2H PWB

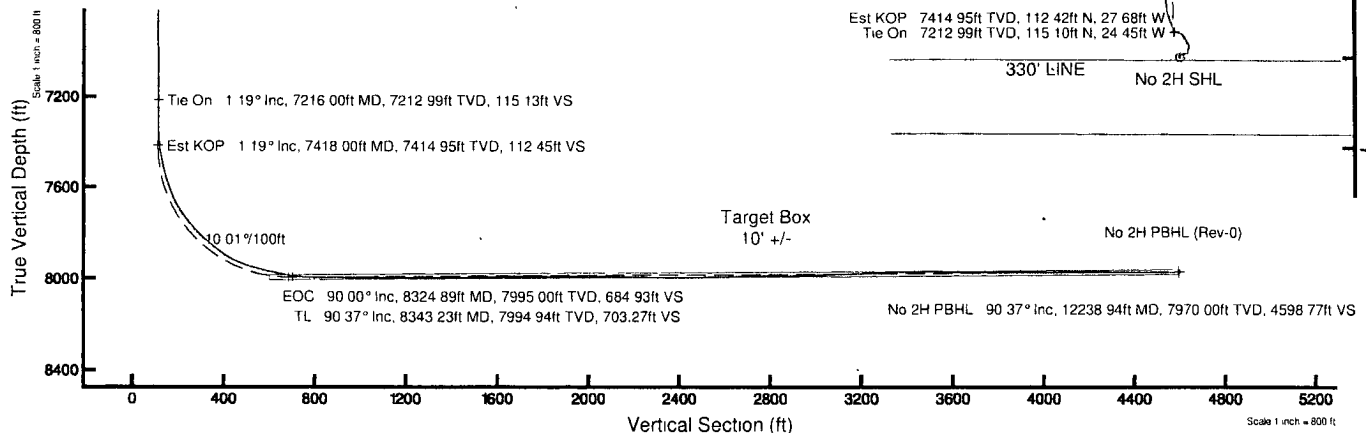


Well Profile Data								
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	7216 00	1 190	230 300	7212 99	115 10	-24 45	0 00	115 13
Est KOP	7418 00	1 190	230 300	7414 95	112 42	-27 68	0 00	112 45
EOC	8324 89	90 000	0 397	7995 00	684 89	-32 93	10 01	684 93
TL	8343 23	90 367	0 397	7994 94	703 23	-32 80	2 00	703 27
No 2H PBHL	12238 94	90 367	0 397	7970 00	4598 77	-5 79	0 00	4598 77

Plot reference wellpath is Rev-B 0	
True vertical depths are referenced to H&P 416 (KB)	Grid System: NAD83 / TM New Mexico SP, Eastern Zone (3001), US feet
Measured depths are referenced to H&P 416 (KB)	North Reference: Grid north
H&P 416 (KB) to Mean Sea Level 3332.5 feet	Scale: True distance
Mean Sea Level to Mud line (At Slot No 2H SHL) -3307.5 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: genitry on 5/26/2012



BGGM (1945 0 to 2013 0) Dip 60.40° Field 48701 nT
 Magnetic North is 7.83 degrees East of True North (at 5/9/2012)
 Grid North is 0.13 degrees East of True North
 To correct azimuth from True to Grid subtract 0.13 degrees
 To correct azimuth from Magnetic to Grid add 7.69 degrees
 For example if the Magnetic North Azimuth = 90 degs, then the Grid North Azimuth = 90 + 7.69 = 97.69



Azimuth 359.93° with reference 0 00 N, 0 00 E

Rev-B.0



Actual Wellpath Report

No.2H AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	Devon Energy	Slot	No.2H SHL
Area	Eddy County, NM	Well	No.2H
Field	(Beryl) Sec 33, T19S, R29E	Wellbore	No.2H AWB
Facility	Beryl 33 Federal Com No.2H		

REPORT SETUP INFORMATION

Projection System	NAD83 / TM New Mexico SP, Eastern Zone (3001), US feet	Software System	WellArchitect® 3.0.0
North Reference	Grid	User	Gentbry
Scale	0.999916	Report Generated	6/6/2012 at 10:03:34 AM
Convergence at slot	0.13° East	Database/Source file	WA Midland/No.2H_AWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	0.00	0.00	618443.80	586085.25	32°36'39.421"N	104°04'58.510"W
Facility Reference Pt			618443.80	586085.25	32°36'39.421"N	104°04'58.510"W
Field Reference Pt			618443.80	586085.25	32°36'39.421"N	104°04'58.510"W

WELLPATH DATUM

Calculation method	Minimum curvature	H&P 416 (KB) to Facility Vertical Datum	25.00ft
Horizontal Reference Pt	Slot	H&P 416 (KB) to Mean Sea Level	3332.50ft
Vertical Reference Pt	H&P 416 (KB)	H&P 416 (KB) to Mud Line at Slot (No.2H SHL)	25.00ft
MD Reference Pt	H&P 416 (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	0.36°



Actual Wellpath Report

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Field	(Beryl) Sec 33, T19S, R29E	Wellbore	No.2H AWB
Facility	Beryl 33 Federal Com No.2H		

WELLPATH DATA (146 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00	0.000	252.370	0.00	0.00	0.00	0.00	618443.80	586085.25	32°36'39.421"N	104°04'58.510"W	0.00	
100.00	0.570	252.370	100.00	-0.15	-0.15	-0.47	618443.33	586085.10	32°36'39.419"N	104°04'58.515"W	0.57	
200.00	0.540	309.710	199.99	-0.01	0.00	-1.31	618442.49	586085.25	32°36'39.421"N	104°04'58.525"W	0.53	
300.00	1.150	299.480	299.98	0.78	0.79	-2.55	618441.25	586086.04	32°36'39.428"N	104°04'58.540"W	0.63	
400.00	1.090	338.080	399.97	2.15	2.17	-3.78	618440.02	586087.42	32°36'39.442"N	104°04'58.554"W	0.74	
500.00	1.060	3.340	499.95	3.95	3.98	-4.08	618439.72	586089.23	32°36'39.460"N	104°04'58.557"W	0.47	
600.00	1.590	15.680	599.92	6.21	6.24	-3.65	618440.15	586091.49	32°36'39.482"N	104°04'58.552"W	0.60	
700.00	1.370	37.980	699.89	8.50	8.51	-2.54	618441.26	586093.76	32°36'39.505"N	104°04'58.539"W	0.61	
800.00	1.850	50.140	799.85	10.49	10.49	-0.56	618443.24	586095.74	32°36'39.524"N	104°04'58.516"W	0.59	
900.00	2.380	68.480	899.78	12.30	12.29	2.61	618446.41	586097.54	32°36'39.542"N	104°04'58.479"W	0.85	
1000.00	2.380	73.420	999.70	13.68	13.64	6.53	618450.33	586098.89	32°36'39.555"N	104°04'58.433"W	0.21	
1100.00	2.240	78.140	1099.61	14.70	14.64	10.43	618454.23	586099.88	32°36'39.565"N	104°04'58.387"W	0.24	
1200.00	2.190	67.070	1199.54	15.87	15.78	14.10	618457.90	586101.03	32°36'39.576"N	104°04'58.345"W	0.43	
1300.00	1.150	83.110	1299.50	16.75	16.65	16.86	618460.66	586101.89	32°36'39.585"N	104°04'58.312"W	1.13	
1400.00	1.340	77.480	1399.47	17.14	17.02	19.00	618462.80	586102.27	32°36'39.589"N	104°04'58.287"W	0.23	
1500.00	1.170	74.140	1499.45	17.69	17.55	21.12	618464.92	586102.80	32°36'39.594"N	104°04'58.262"W	0.19	
1600.00	1.120	85.630	1599.43	18.05	17.91	23.08	618466.88	586103.15	32°36'39.597"N	104°04'58.240"W	0.23	
1700.00	1.110	83.710	1699.41	18.24	18.09	25.02	618468.81	586103.33	32°36'39.599"N	104°04'58.217"W	0.04	
1800.00	1.360	94.950	1799.39	18.26	18.09	27.16	618470.96	586103.34	32°36'39.599"N	104°04'58.192"W	0.35	
1900.00	1.010	68.950	1899.37	18.49	18.30	29.17	618472.96	586103.55	32°36'39.601"N	104°04'58.168"W	0.63	
2000.00	0.480	72.950	1999.36	18.94	18.74	30.39	618474.19	586103.99	32°36'39.605"N	104°04'58.154"W	0.53	
2100.00	0.430	113.250	2099.35	18.92	18.72	31.13	618474.93	586103.97	32°36'39.605"N	104°04'58.145"W	0.32	
2200.00	0.120	102.530	2199.35	18.75	18.55	31.58	618475.38	586103.80	32°36'39.603"N	104°04'58.140"W	0.31	
2300.00	0.200	125.060	2299.35	18.63	18.42	31.83	618475.62	586103.67	32°36'39.602"N	104°04'58.137"W	0.10	
2400.00	0.390	34.240	2399.35	18.81	18.61	32.16	618475.96	586103.85	32°36'39.604"N	104°04'58.133"W	0.44	
2500.00	0.850	4.160	2499.35	19.83	19.63	32.41	618476.20	586104.88	32°36'39.614"N	104°04'58.130"W	0.55	
2600.00	1.090	4.190	2599.33	21.52	21.32	32.53	618476.33	586106.56	32°36'39.631"N	104°04'58.129"W	0.24	
2700.00	0.810	9.490	2699.32	23.17	22.96	32.72	618476.51	586108.21	32°36'39.647"N	104°04'58.127"W	0.29	
2800.00	0.960	11.940	2799.31	24.69	24.48	33.00	618476.80	586109.73	32°36'39.662"N	104°04'58.123"W	0.15	
2900.00	0.890	8.270	2899.29	26.28	26.07	33.29	618477.09	586111.31	32°36'39.678"N	104°04'58.120"W	0.09	
3000.00	1.480	2.890	2999.27	28.34	28.12	33.47	618477.26	586113.37	32°36'39.698"N	104°04'58.118"W	0.60	
3100.00	1.060	1.680	3099.25	30.55	30.34	33.56	618477.36	586115.59	32°36'39.720"N	104°04'58.117"W	0.42	
3200.00	0.450	359.880	3199.24	31.87	31.66	33.59	618477.38	586116.90	32°36'39.733"N	104°04'58.116"W	0.61	
3300.00	0.290	2.630	3299.24	32.51	32.30	33.60	618477.39	586117.55	32°36'39.739"N	104°04'58.116"W	0.16	
3400.00	0.160	39.850	3399.23	32.87	32.66	33.70	618477.49	586117.91	32°36'39.743"N	104°04'58.115"W	0.19	
3500.00	0.200	332.010	3499.23	33.14	32.92	33.70	618477.50	586118.17	32°36'39.746"N	104°04'58.115"W	0.20	
3600.00	0.510	65.110	3599.23	33.48	33.26	34.03	618477.82	586118.51	32°36'39.749"N	104°04'58.111"W	0.56	
3700.00	0.040	118.830	3699.23	33.65	33.43	34.46	618478.26	586118.68	32°36'39.751"N	104°04'58.106"W	0.49	
3800.00	0.130	229.600	3799.23	33.56	33.34	34.41	618478.20	586118.59	32°36'39.750"N	104°04'58.107"W	0.15	
3900.00	0.910	7.770	3899.23	34.27	34.06	34.43	618478.22	586119.30	32°36'39.757"N	104°04'58.106"W	1.01	
4000.00	1.190	31.490	3999.21	35.95	35.73	35.08	618478.87	586120.98	32°36'39.773"N	104°04'58.099"W	0.51	
4100.00	1.240	32.940	4099.19	37.75	37.52	36.21	618480.00	586122.77	32°36'39.791"N	104°04'58.086"W	0.06	
4200.00	1.890	32.550	4199.15	40.06	39.82	37.68	618481.48	586125.07	32°36'39.814"N	104°04'58.068"W	0.65	
4300.00	1.250	22.940	4299.11	42.46	42.22	38.99	618482.79	586127.46	32°36'39.837"N	104°04'58.053"W	0.69	
4400.00	1.330	353.090	4399.09	44.62	44.37	39.28	618483.08	586129.62	32°36'39.859"N	104°04'58.049"W	0.67	



Actual Wellpath Report

No.2H AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	Devon Energy	Slot	No.2H SHL
Area	Eddy County, NM	Well	No.2H
Field	(Beryl) Sec 33, T19S, R29E	Wellbore	No.2H AWB
Facility	Beryl 33 Federal Com No.2H		

WELLPATH DATA (146 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
4500.00	1.470	350.340	4499.06	47.03	46.79	38.93	618482.72	586132.04	32°36'39.883"N	104°04'58.054"W	0.16	
4600.00	1.340	357.370	4599.03	49.47	49.22	38.66	618482.45	586134.47	32°36'39.907"N	104°04'58.057"W	0.22	
4700.00	1.100	350.740	4699.01	51.58	51.34	38.45	618482.24	586136.58	32°36'39.928"N	104°04'58.059"W	0.28	
4800.00	1.890	349.230	4798.97	54.14	53.90	37.99	618481.78	586139.15	32°36'39.953"N	104°04'58.064"W	0.79	
4900.00	1.300	343.310	4898.93	56.85	56.61	37.35	618481.15	586141.86	32°36'39.980"N	104°04'58.072"W	0.61	
5000.00	1.850	327.050	4998.89	59.28	59.05	36.15	618479.94	586144.30	32°36'40.004"N	104°04'58.086"W	0.70	
5100.00	2.490	321.410	5098.82	62.32	62.10	33.92	618477.71	586147.35	32°36'40.034"N	104°04'58.112"W	0.67	
5200.00	2.610	318.430	5198.72	65.70	65.51	31.05	618474.85	586150.75	32°36'40.068"N	104°04'58.145"W	0.18	
5300.00	2.580	330.600	5298.62	69.35	69.17	28.43	618472.23	586154.41	32°36'40.104"N	104°04'58.176"W	0.55	
5400.00	2.870	328.810	5398.51	73.44	73.27	26.03	618469.83	586158.52	32°36'40.145"N	104°04'58.204"W	0.30	
5500.00	2.300	342.930	5498.41	77.48	77.33	24.15	618467.94	586162.58	32°36'40.185"N	104°04'58.225"W	0.85	
5600.00	2.540	330.850	5598.32	81.33	81.19	22.48	618466.28	586166.43	32°36'40.223"N	104°04'58.245"W	0.56	
5700.00	2.750	326.430	5698.21	85.25	85.12	20.07	618463.87	586170.36	32°36'40.262"N	104°04'58.273"W	0.29	
5800.00	2.780	328.020	5798.10	89.28	89.18	17.46	618461.26	586174.42	32°36'40.303"N	104°04'58.303"W	0.08	
5900.00	2.760	324.690	5897.98	93.29	93.20	14.79	618458.58	586178.44	32°36'40.342"N	104°04'58.334"W	0.16	
6000.00	3.060	324.010	5997.85	97.39	97.32	11.83	618455.62	586182.56	32°36'40.383"N	104°04'58.369"W	0.30	
6100.00	3.070	318.230	6097.71	101.53	101.48	8.47	618452.27	586186.72	32°36'40.424"N	104°04'58.408"W	0.31	
6200.00	3.390	304.370	6197.55	105.17	105.15	4.25	618448.05	586190.39	32°36'40.461"N	104°04'58.457"W	0.84	
6300.00	2.940	298.000	6297.40	108.01	108.02	-0.46	618443.34	586193.26	32°36'40.489"N	104°04'58.512"W	0.57	
6400.00	2.790	295.240	6397.27	110.23	110.26	-4.92	618438.88	586195.50	32°36'40.512"N	104°04'58.564"W	0.20	
6500.00	2.040	289.230	6497.18	111.83	111.88	-8.80	618435.00	586197.12	32°36'40.528"N	104°04'58.610"W	0.79	
6600.00	1.500	279.150	6597.13	112.60	112.68	-11.78	618432.02	586197.92	32°36'40.536"N	104°04'58.644"W	0.62	
6700.00	1.070	284.060	6697.11	113.02	113.11	-13.97	618429.83	586198.35	32°36'40.540"N	104°04'58.670"W	0.44	
6800.00	0.690	271.120	6797.10	113.25	113.35	-15.48	618428.32	586198.59	32°36'40.542"N	104°04'58.688"W	0.43	
6900.00	1.120	279.120	6897.08	113.41	113.52	-17.05	618426.75	586198.76	32°36'40.544"N	104°04'58.706"W	0.45	
7000.00	1.520	290.630	6997.06	114.02	114.14	-19.26	618424.55	586199.38	32°36'40.550"N	104°04'58.732"W	0.48	
7100.00	1.430	278.940	7097.03	114.66	114.80	-21.73	618422.07	586200.04	32°36'40.557"N	104°04'58.761"W	0.31	
7200.00	1.360	278.750	7197.00	115.02	115.18	-24.13	618419.67	586200.42	32°36'40.561"N	104°04'58.789"W	0.07	
7216.00	1.190	230.300	7212.99	114.94	115.10	-24.45	618419.35	586200.34	32°36'40.560"N	104°04'58.793"W	6.61	
7311.00	1.100	247.200	7307.97	113.95	114.12	-26.05	618417.75	586199.36	32°36'40.550"N	104°04'58.811"W	0.37	
7342.00	1.800	322.700	7338.97	114.22	114.39	-26.62	618416.18	586199.63	32°36'40.553"N	104°04'58.818"W	6.00	
7374.00	3.700	335.000	7370.93	115.55	115.72	-27.36	618416.44	586200.96	32°36'40.566"N	104°04'58.827"W	6.18	
7405.00	5.900	341.300	7401.82	117.96	118.14	-28.29	618415.51	586203.38	32°36'40.590"N	104°04'58.837"W	7.29	
7437.00	8.400	339.300	7433.57	121.69	121.88	-29.65	618414.16	586207.12	32°36'40.627"N	104°04'58.853"W	7.85	
7468.00	11.000	339.500	7464.12	126.57	126.77	-31.48	618412.32	586212.01	32°36'40.676"N	104°04'58.874"W	8.39	
7500.00	13.100	340.500	7495.41	132.84	133.05	-33.76	618410.04	586218.29	32°36'40.738"N	104°04'58.901"W	6.59	
7531.00	15.300	340.300	7525.46	139.98	140.22	-36.32	618407.49	586225.45	32°36'40.809"N	104°04'58.931"W	7.10	
7563.00	17.600	340.100	7556.15	148.49	148.74	-39.39	618404.42	586233.98	32°36'40.893"N	104°04'58.966"W	7.19	
7595.00	19.800	339.100	7586.46	158.08	158.35	-42.97	618400.84	586243.59	32°36'40.988"N	104°04'59.008"W	6.95	
7658.00	24.600	340.500	7644.77	180.37	180.70	-51.16	618392.65	586265.93	32°36'41.210"N	104°04'59.103"W	7.66	
7689.00	28.600	343.200	7672.49	193.53	193.89	-55.46	618388.35	586279.12	32°36'41.340"N	104°04'59.153"W	13.48	
7721.00	34.400	346.900	7699.76	209.66	210.04	-59.72	618384.08	586295.27	32°36'41.500"N	104°04'59.201"W	19.10	
7752.00	37.200	354.500	7724.92	227.51	227.91	-62.61	618381.20	586313.14	32°36'41.677"N	104°04'59.235"W	16.93	
7784.00	38.100	358.100	7750.26	247.00	247.41	-63.86	618379.94	586332.64	32°36'41.870"N	104°04'59.250"W	7.42	
7815.00	40.100	359.300	7774.31	266.54	266.95	-64.30	618379.50	586352.18	32°36'42.063"N	104°04'59.254"W	6.90	



Actual Wellpath Report

No.2H AWP

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REFERENCE WELLPATH IDENTIFICATION

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Facility	Beryl 33 Federal Com No.2H		

WELLPATH DATA (146 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
7847.00	43.300	359.500	7798.20	287.82	288.24	-64.52	618379.28	586373.46	32°36'42.274"N	104°04'59.256"W	10.01	
7878.00	46.900	359.300	7820.08	309.77	310.19	-64.75	618379.05	586395.41	32°36'42.491"N	104°04'59.258"W	11.62	
7910.00	49.900	0.700	7841.32	333.70	334.11	-64.75	618379.06	586419.34	32°36'42.728"N	104°04'59.258"W	9.93	
7941.00	52.000	3.700	7860.86	357.75	358.16	-63.81	618379.99	586443.38	32°36'42.966"N	104°04'59.246"W	10.12	
7973.00	53.800	6.500	7880.16	383.18	383.58	-61.54	618382.27	586468.80	32°36'43.217"N	104°04'59.219"W	8.96	
8004.00	57.300	9.000	7897.70	408.53	408.90	-58.08	618385.73	586494.12	32°36'43.468"N	104°04'59.178"W	13.10	
8036.00	62.300	10.000	7913.79	435.82	436.17	-53.51	618390.29	586521.38	32°36'43.737"N	104°04'59.123"W	15.86	
8067.00	67.500	9.600	7926.93	463.50	463.82	-48.74	618395.07	586549.03	32°36'44.011"N	104°04'59.067"W	16.81	
8099.00	71.100	7.800	7938.24	493.12	493.41	-44.21	618399.59	586578.61	32°36'44.304"N	104°04'59.013"W	12.42	
8131.00	73.200	7.700	7948.05	523.32	523.59	-40.11	618403.70	586608.79	32°36'44.602"N	104°04'58.964"W	6.57	
8158.00	74.200	6.600	7955.63	549.05	549.30	-36.88	618406.92	586634.50	32°36'44.856"N	104°04'58.926"W	5.39	
8189.00	75.800	5.000	7963.65	578.86	579.09	-33.86	618409.94	586664.29	32°36'45.151"N	104°04'58.890"W	7.18	
8221.00	77.700	0.900	7970.99	609.97	610.19	-32.26	618411.54	586695.38	32°36'45.459"N	104°04'58.870"W	13.81	
8252.00	78.500	358.100	7977.38	640.30	640.51	-32.53	618411.28	586725.71	32°36'45.759"N	104°04'58.872"W	9.21	
8352.00	84.400	357.100	7992.25	739.02	739.27	-36.67	618407.13	586824.46	32°36'46.736"N	104°04'58.918"W	5.98	
8447.00	90.700	359.300	7996.30	833.82	834.08	-39.65	618404.16	586919.26	32°36'47.674"N	104°04'58.950"W	7.02	
8541.00	89.300	2.000	7996.30	927.80	928.07	-38.58	618405.22	587013.24	32°36'48.604"N	104°04'58.935"W	3.24	
8636.00	89.700	1.600	7997.13	1022.77	1023.02	-35.60	618408.21	587108.18	32°36'49.544"N	104°04'58.898"W	0.60	
8730.00	89.900	1.800	7997.46	1116.74	1116.97	-32.81	618410.99	587202.13	32°36'50.473"N	104°04'58.863"W	0.30	
8825.00	89.900	2.200	7997.63	1211.71	1211.92	-29.49	618414.31	587297.06	32°36'51.413"N	104°04'58.821"W	0.42	
8920.00	90.100	2.100	7997.63	1306.66	1306.85	-25.93	618417.87	587391.99	32°36'52.352"N	104°04'58.777"W	0.24	
9024.00	90.500	1.900	7997.08	1410.61	1410.78	-22.30	618421.50	587495.91	32°36'53.380"N	104°04'58.732"W	0.43	
9109.00	90.700	2.300	7996.19	1495.57	1495.72	-19.19	618424.62	587580.84	32°36'54.220"N	104°04'58.693"W	0.53	
9203.00	91.100	2.400	7994.72	1589.50	1589.63	-15.33	618428.47	587674.74	32°36'55.150"N	104°04'58.645"W	0.44	
9298.00	90.200	3.200	7993.64	1684.41	1684.51	-10.69	618433.11	587769.61	32°36'56.088"N	104°04'58.588"W	1.27	
9393.00	90.200	3.000	7993.31	1779.30	1779.37	-5.55	618438.25	587864.47	32°36'57.027"N	104°04'58.526"W	0.21	
9487.00	90.300	3.600	7992.90	1873.17	1873.21	-0.14	618443.66	587958.30	32°36'57.955"N	104°04'58.460"W	0.65	
9582.00	90.000	2.700	7992.65	1968.06	1968.07	5.08	618448.88	588053.15	32°36'58.894"N	104°04'58.396"W	1.00	
9676.00	89.900	2.600	7992.73	2061.99	2061.97	9.42	618453.22	588147.04	32°36'59.822"N	104°04'58.343"W	0.15	
9771.00	89.200	2.100	7993.48	2156.93	2156.88	13.32	618457.12	588241.95	32°37'00.762"N	104°04'58.295"W	0.91	
9865.00	89.100	2.300	7994.87	2250.87	2250.80	16.93	618460.73	588335.86	32°37'01.691"N	104°04'58.250"W	0.24	
9960.00	89.300	359.200	7996.20	2345.84	2345.78	18.17	618461.97	588430.82	32°37'02.630"N	104°04'58.233"W	3.27	
10055.00	90.700	359.400	7996.20	2440.82	2440.77	17.01	618460.81	588525.81	32°37'03.570"N	104°04'58.244"W	1.49	
10149.00	91.400	359.100	7994.47	2534.79	2534.74	15.78	618459.58	588619.77	32°37'04.500"N	104°04'58.256"W	0.81	
10244.00	91.300	359.700	7992.24	2629.75	2629.71	14.78	618458.58	588714.73	32°37'05.440"N	104°04'58.265"W	0.64	
10338.00	91.100	359.400	7990.27	2723.72	2723.69	14.05	618457.85	588808.70	32°37'06.370"N	104°04'58.271"W	0.38	
10433.00	91.000	0.100	7988.53	2818.70	2818.67	13.63	618457.43	588903.68	32°37'07.310"N	104°04'58.273"W	0.74	
10527.00	91.200	0.100	7986.72	2912.68	2912.65	13.80	618457.60	588997.65	32°37'08.239"N	104°04'58.268"W	0.21	
10622.00	91.700	0.300	7984.32	3007.65	3007.62	14.13	618457.93	589092.61	32°37'09.179"N	104°04'58.262"W	0.57	
10716.00	91.900	0.400	7981.37	3101.60	3101.57	14.70	618458.50	589186.55	32°37'10.109"N	104°04'58.253"W	0.24	
10811.00	92.100	1.000	7978.05	3196.54	3196.51	15.86	618459.66	589281.48	32°37'11.048"N	104°04'58.236"W	0.67	
10905.00	92.400	1.500	7974.36	3290.46	3290.41	17.91	618461.71	589375.38	32°37'11.977"N	104°04'58.210"W	0.62	
11000.00	91.800	0.800	7970.88	3385.38	3385.33	19.82	618463.61	589470.28	32°37'12.916"N	104°04'58.185"W	0.97	
11094.00	90.900	359.000	7968.66	3479.35	3479.30	19.65	618463.45	589564.25	32°37'13.846"N	104°04'58.184"W	2.14	
11189.00	88.500	359.800	7969.16	3574.33	3574.28	18.66	618462.46	589659.22	32°37'14.786"N	104°04'58.193"W	2.66	



Actual Wellpath Report

No.2H AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	Devon Energy	Slot	No.2H SHL
Area	Eddy County, NM	Well	No.2H
Field	(Beryl) Sec 33, T19S, R29E	Wellbore	No.2H AWB
Facility	Beryl 33 Federal Com No.2H		

WELLPATH DATA (146 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
11283.00	89.100	0.300	7971.13	3668.30	3668.26	18.74	618462.54	589753.19	32°37'15.716"N	104°04'58.190"W	0.83	
11378.00	89.300	0.400	7972.46	3763.30	3763.25	19.32	618463.12	589848.17	32°37'16.656"N	104°04'58.180"W	0.24	
11472.00	89.600	0.600	7973.36	3857.29	3857.24	20.14	618463.94	589942.16	32°37'17.586"N	104°04'58.168"W	0.38	
11565.00	90.700	1.200	7973.12	3950.28	3950.23	21.60	618465.40	590035.14	32°37'18.506"N	104°04'58.149"W	1.35	
11662.00	89.900	0.800	7972.61	4047.28	4047.21	23.29	618467.09	590132.11	32°37'19.465"N	104°04'58.126"W	0.92	
11756.00	90.700	1.300	7972.12	4141.27	4141.19	25.02	618468.81	590226.09	32°37'20.395"N	104°04'58.103"W	1.00	
11850.00	90.400	1.100	7971.21	4235.25	4235.17	26.98	618470.78	590320.05	32°37'21.325"N	104°04'58.078"W	0.38	
11945.00	89.200	0.300	7971.54	4330.25	4330.16	28.14	618471.94	590415.03	32°37'22.265"N	104°04'58.062"W	1.52	
12039.00	90.000	0.400	7972.20	4424.24	4424.15	28.72	618472.52	590509.02	32°37'23.195"N	104°04'58.052"W	0.86	
12145.00	90.000	0.000	7972.20	4530.24	4530.15	29.09	618472.89	590615.01	32°37'24.243"N	104°04'58.045"W	0.38	
12213.00	90.000	0.000	7972.20	4598.24	4598.15	29.09	618472.89	590683.00	32°37'24.916"N	104°04'58.043"W	0.00	Proj to Bit

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
No.2H PBHL (Rev-0)		7970.00	4598.77	-5.79	618438.01	590683.62	32°37'24.923"N	104°04'58.451"W	rectangle

WELLPATH COMPOSITION - Ref Wellbore: No.2H AWB Ref Wellpath: No.2H AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7216.00	Generic gyro - northseeking (Standard)	VES Gyro <100-7216>	No.2H AWB
7216.00	12145.00	NaviTrak (Standard)	BHI MWD NaviTrak <7311-XXXX>	No.2H AWB
12145.00	12213.00	Blind Drilling (std)	Projection to bit	No.2H AWB

30-015-39806

2105 MARKET STREET
MIDLAND, TX 79703
24 HR (432) 694-9517

STATE OF NEW MEXICO

COUNTY OF Eddy

I, John Hollis, Directional Driller certify that I am employed by Baker Hughes INTEQ, did conduct
or supervise on the day(s) of May 26, 2012 through Jun 2, 2012 the
taking of MWD surveys from a depth of 7,216 to a depth of 12,213 that
the data is true, correct, complete and within the limitations of the tool as set forth by Baker Hughes INTEQ, that I am
authorized and qualified to make this report, that this survey was conducted at the request of Devon
for the Beryl 33 Federal Com #2H in Eddy
County, NM; and that I have reviewed this report and find that it conforms to
the principles and procedures as set forth by INTEQ.

John Hollis *Ron Hise*
OPS SUPERVISOR
Field Service Engineer John Hollis