

30-025-43595



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Actual Wellpath Report

SD WE 15 Federal P12 No. 3H awp 174.5' - 13789' Proj: 13855'

Page 1 of 7

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REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD WE 15 Fed P12 No. 3H
Area	Lea County, NM	Well	SD WE 15 Federal P12 No. 3H
Field	Jennings / Upper BN SPRN Shale (Lea County, NM)	Wellbore	SD WE 15 Fed P12 No. 3H
Facility	SD WE 15 Fed P12		

REPORT SETUP INFORMATION

Projection System	NAD27 / TM New Mexico SP, Eastern Zone (3001), US feet	Software System	WellArchitect® 5.0
North Reference	Grid	User	Tranlam
Scale	0.999958	Report Generated	7/14/2017 at 1:55:14 PM
Convergence at slot	0.35° East	Database/Source file	WA_Midland/SD_WE_15_Federal_P12_No_3H_aws_174.5_-13789_Proj_13855.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	1.00	50.00	706701.00	377315.00	32°02'08.156"N	103°39'58.656"W
Facility Reference Pt			706651.00	377314.00	32°02'08.149"N	103°39'59.237"W
Field Reference Pt			152400.30	0.00	30°59'42.846"N	105°26'33.659"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig: Nabors X30 (KB) to Facility Vertical Datum	3180.60ft
Horizontal Reference Pt	Slot	Rig: Nabors X30 (KB) to Mean Sea Level	3180.60ft
Vertical Reference Pt	Rig: Nabors X30 (KB)	Rig: Nabors X30 (KB) to Ground Level at Slot (SD WE 15 Fed P12 No. 3H)	32.60ft
MD Reference Pt	Rig: Nabors X30 (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	359.83°

We hereby certify that the surveys contained herein, are to the best of our knowledge a true and accurate account of the well.


 MWD COORDINATOR



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Page 2 of 7



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Facility	SD WE 15 Fed P12		

WELLPATH DATA (118 stations) † = interpolated/extrapolated station

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	72.000	0.00	0.00	0.00	0.00	706701.00	377315.00	32°02'08.156"N	103°39'58.656"W	0.00	
32.60	0.000	72.000	32.60	0.00	0.00	0.00	706701.00	377315.00	32°02'08.156"N	103°39'58.656"W	0.00	
174.50	0.800	72.000	174.50	0.30	0.31	0.94	706701.94	377315.31	32°02'08.159"N	103°39'58.645"W	0.56	
233.50	0.700	49.000	233.49	0.67	0.67	1.61	706702.61	377315.67	32°02'08.163"N	103°39'58.637"W	0.53	
295.50	0.700	76.000	295.49	1.00	1.01	2.26	706703.26	377316.01	32°02'08.166"N	103°39'58.629"W	0.53	
359.50	0.500	96.000	359.48	1.07	1.08	2.92	706703.92	377316.08	32°02'08.167"N	103°39'58.622"W	0.45	
450.50	0.500	122.000	450.48	0.81	0.82	3.65	706704.65	377315.82	32°02'08.164"N	103°39'58.613"W	0.25	
541.50	0.900	109.000	541.47	0.37	0.38	4.66	706705.66	377315.38	32°02'08.160"N	103°39'58.602"W	0.47	
632.50	0.800	111.000	632.46	-0.10	-0.08	5.93	706706.93	377314.92	32°02'08.155"N	103°39'58.587"W	0.11	
679.50	0.900	111.000	679.46	-0.35	-0.33	6.58	706707.58	377314.67	32°02'08.152"N	103°39'58.579"W	0.21	
710.00	0.980	90.000	709.95	-0.44	-0.42	7.06	706708.06	377314.58	32°02'08.152"N	103°39'58.574"W	1.15	
892.00	1.500	98.710	891.91	-0.81	-0.78	10.98	706711.98	377314.22	32°02'08.148"N	103°39'58.528"W	0.30	
1069.00	1.800	111.460	1068.84	-2.19	-2.14	15.85	706716.85	377312.86	32°02'08.134"N	103°39'58.472"W	0.27	
1247.00	1.880	112.060	1246.75	-4.33	-4.26	21.16	706722.16	377310.74	32°02'08.113"N	103°39'58.410"W	0.05	
1424.00	2.130	116.150	1423.64	-6.88	-6.80	26.80	706727.80	377308.20	32°02'08.087"N	103°39'58.345"W	0.16	
1600.00	3.970	94.830	1599.39	-8.86	-8.76	35.81	706736.81	377306.24	32°02'08.067"N	103°39'58.240"W	1.21	
1778.00	6.310	91.000	1776.66	-9.60	-9.45	51.73	706752.73	377305.55	32°02'08.060"N	103°39'58.055"W	1.33	
1955.00	7.610	93.170	1952.35	-10.48	-10.27	73.16	706774.16	377304.73	32°02'08.050"N	103°39'57.807"W	0.75	
2132.00	9.060	96.090	2127.48	-12.69	-12.39	98.72	706799.72	377302.61	32°02'08.027"N	103°39'57.510"W	0.85	
2309.00	10.350	96.450	2301.94	-16.04	-15.66	128.38	706829.38	377299.34	32°02'07.993"N	103°39'57.166"W	0.73	
2485.00	9.670	86.560	2475.27	-17.02	-16.55	158.85	706859.84	377298.45	32°02'07.983"N	103°39'56.812"W	1.05	
2662.00	10.760	87.730	2649.46	-15.56	-15.00	190.20	706891.19	377300.00	32°02'07.996"N	103°39'56.447"W	0.63	
2839.00	11.630	89.690	2823.10	-14.92	-14.25	224.55	706925.54	377300.75	32°02'08.001"N	103°39'56.048"W	0.54	
3016.00	8.420	81.640	2997.38	-13.03	-12.27	255.22	706956.21	377302.73	32°02'08.019"N	103°39'55.692"W	1.97	
3193.00	9.570	82.900	3172.20	-9.40	-8.57	282.64	706983.63	377306.44	32°02'08.054"N	103°39'55.373"W	0.66	
3370.00	11.260	82.240	3346.28	-5.35	-4.41	314.37	707015.35	377310.59	32°02'08.093"N	103°39'55.004"W	0.96	
3547.00	9.550	83.860	3520.36	-1.54	-0.51	346.09	707047.08	377314.49	32°02'08.130"N	103°39'54.635"W	0.98	
3724.00	10.260	88.270	3694.72	0.42	1.54	376.45	707077.43	377316.54	32°02'08.148"N	103°39'54.283"W	0.59	
3901.00	8.270	90.980	3869.41	0.59	1.80	404.93	707105.92	377316.80	32°02'08.149"N	103°39'53.952"W	1.15	
4079.00	7.020	83.800	4045.82	1.48	2.75	428.55	707129.53	377317.75	32°02'08.157"N	103°39'53.677"W	0.88	



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Page 3 of 7



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WELLPATH DATA (118 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
4256.00	8.760	92.930	4221.15	1.89	3.23	452.77	707153.75	377318.23	32°02'08.160"N	103°39'53.396"W	1.21	
4345.00	9.200	95.830	4309.06	0.78	2.16	466.61	707167.59	377317.16	32°02'08.149"N	103°39'53.235"W	0.71	12 1/4 BHI MWD 710' - 4345'
4521.00	9.410	95.510	4482.74	-2.12	-0.65	494.93	707195.91	377314.35	32°02'08.119"N	103°39'52.907"W	0.12	
4699.00	6.870	74.360	4658.97	-0.72	0.82	519.68	707220.65	377315.82	32°02'08.133"N	103°39'52.619"W	2.18	
4876.00	7.060	76.250	4834.67	4.66	6.26	540.44	707241.41	377321.26	32°02'08.185"N	103°39'52.377"W	0.17	
5053.00	6.750	74.630	5010.38	9.94	11.61	561.03	707262.01	377326.61	32°02'08.237"N	103°39'52.138"W	0.21	
5230.00	6.690	73.040	5186.17	15.65	17.37	580.92	707281.90	377332.37	32°02'08.293"N	103°39'51.906"W	0.11	
5407.00	6.220	72.710	5362.04	21.45	23.23	599.94	707300.91	377338.23	32°02'08.349"N	103°39'51.685"W	0.27	
5584.00	5.820	69.380	5538.07	27.41	29.24	617.49	707318.47	377344.24	32°02'08.408"N	103°39'51.481"W	0.30	
5760.00	5.750	64.070	5713.17	34.36	36.24	633.78	707334.75	377351.23	32°02'08.476"N	103°39'51.291"W	0.31	
5937.00	5.610	62.210	5889.30	42.22	44.15	649.40	707350.37	377359.15	32°02'08.553"N	103°39'51.109"W	0.13	
6115.00	5.670	60.070	6066.44	50.62	52.59	664.72	707365.69	377367.59	32°02'08.636"N	103°39'50.930"W	0.12	
6292.00	4.940	61.020	6242.68	58.63	60.65	678.96	707379.94	377375.64	32°02'08.715"N	103°39'50.764"W	0.42	
6469.00	2.830	69.790	6419.27	63.80	65.85	689.73	707390.70	377380.85	32°02'08.766"N	103°39'50.639"W	1.24	
6646.00	1.810	80.760	6596.12	65.74	67.81	696.59	707397.56	377382.80	32°02'08.785"N	103°39'50.559"W	0.63	
6822.00	1.660	76.610	6772.04	66.76	68.84	701.82	707402.79	377383.84	32°02'08.794"N	103°39'50.498"W	0.11	
6999.00	0.790	164.940	6949.01	66.17	68.26	704.63	707405.60	377383.26	32°02'08.788"N	103°39'50.466"W	1.03	
7176.00	0.420	124.020	7126.00	64.62	66.72	705.48	707406.45	377381.71	32°02'08.773"N	103°39'50.456"W	0.31	
7353.00	0.570	186.980	7303.00	63.39	65.48	705.91	707406.88	377380.48	32°02'08.761"N	103°39'50.451"W	0.30	
7530.00	0.460	178.730	7479.99	61.80	63.90	705.82	707406.79	377378.89	32°02'08.745"N	103°39'50.452"W	0.07	
7707.00	0.690	171.120	7656.98	60.04	62.13	706.00	707406.97	377377.13	32°02'08.728"N	103°39'50.450"W	0.14	
7884.00	0.490	180.070	7833.97	58.23	60.32	706.17	707407.13	377375.32	32°02'08.710"N	103°39'50.448"W	0.12	
8061.00	0.800	199.120	8010.96	56.30	58.40	705.76	707406.73	377373.40	32°02'08.691"N	103°39'50.453"W	0.21	8 3/4 BHI MWD 4521' - 8061'
8221.00	1.090	182.460	8170.94	53.73	55.82	705.33	707406.30	377370.82	32°02'08.665"N	103°39'50.458"W	0.25	
8309.00	1.250	192.370	8258.92	51.96	54.05	705.09	707406.06	377369.05	32°02'08.648"N	103°39'50.461"W	0.29	
8397.00	1.450	201.790	8346.89	49.99	52.08	704.47	707405.44	377367.08	32°02'08.628"N	103°39'50.469"W	0.34	
8486.00	2.790	6.630	8435.87	51.09	53.18	704.30	707405.27	377368.18	32°02'08.639"N	103°39'50.471"W	4.73	
8575.00	13.200	1.260	8523.88	63.44	65.53	704.78	707405.74	377380.53	32°02'08.761"N	103°39'50.464"W	11.71	
8663.00	23.870	3.920	8607.20	91.32	93.42	706.22	707407.19	377408.41	32°02'09.037"N	103°39'50.445"W	12.16	
8752.00	36.440	358.700	8684.01	135.90	138.00	706.85	707407.82	377452.99	32°02'09.478"N	103°39'50.435"W	14.42	



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Page 4 of 7



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WELLPATH DATA (118 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
8841.00	42.560	357.930	8752.66	192.46	194.55	705.16	707406.13	377509.55	32°02'10.038"N	103°39'50.450"W	6.90	
8929.00	45.000	358.860	8816.19	253.32	255.41	703.47	707404.44	377570.40	32°02'10.641"N	103°39'50.466"W	2.87	
9018.00	54.630	359.150	8873.55	321.23	323.31	702.30	707403.27	377638.30	32°02'11.313"N	103°39'50.474"W	10.82	
9106.00	62.750	357.270	8919.24	396.31	398.39	699.90	707400.87	377713.37	32°02'12.056"N	103°39'50.497"W	9.41	
9195.00	68.600	355.070	8955.89	477.20	479.26	694.45	707395.42	377794.24	32°02'12.856"N	103°39'50.554"W	6.95	
9283.00	75.290	356.590	8983.15	560.62	562.66	688.39	707389.36	377877.64	32°02'13.682"N	103°39'50.619"W	7.78	
9372.00	86.610	359.810	8997.13	648.32	650.36	685.68	707386.65	377965.33	32°02'14.550"N	103°39'50.644"W	13.21	
9460.00	90.920	0.000	8999.03	736.28	738.32	685.53	707386.50	378053.28	32°02'15.420"N	103°39'50.639"W	4.90	
9549.00	93.270	359.010	8995.77	825.21	827.25	684.76	707385.73	378142.21	32°02'16.300"N	103°39'50.642"W	2.86	
9638.00	89.720	359.760	8993.45	914.16	916.19	683.81	707384.78	378231.15	32°02'17.181"N	103°39'50.646"W	4.08	
9726.00	86.920	358.270	8996.03	1002.10	1004.13	682.30	707383.27	378319.09	32°02'18.051"N	103°39'50.658"W	3.60	
9815.00	89.170	357.920	8999.07	1091.01	1093.03	679.34	707380.31	378407.98	32°02'18.931"N	103°39'50.686"W	2.56	
9903.00	91.140	1.870	8998.83	1178.98	1181.00	679.18	707380.15	378495.95	32°02'19.801"N	103°39'50.681"W	5.02	
9992.00	93.760	2.590	8995.03	1267.82	1269.85	682.64	707383.61	378584.79	32°02'20.680"N	103°39'50.635"W	3.05	
10080.00	93.120	2.950	8989.75	1355.54	1357.58	686.88	707387.85	378672.53	32°02'21.548"N	103°39'50.579"W	0.83	8 3/4 BHI MWD 8221' - 10080'
10168.00	89.480	1.620	8987.75	1443.42	1445.48	690.39	707391.36	378760.41	32°02'22.418"N	103°39'50.532"W	4.40	
10256.00	89.630	0.930	8988.43	1531.39	1533.45	692.35	707393.32	378848.38	32°02'23.288"N	103°39'50.503"W	0.80	
10345.00	88.670	2.540	8989.75	1620.33	1622.40	695.04	707396.01	378937.32	32°02'24.168"N	103°39'50.465"W	2.11	
10434.00	88.580	2.490	8991.89	1709.20	1711.28	698.95	707399.92	379026.21	32°02'25.048"N	103°39'50.413"W	0.12	
10522.00	88.800	2.390	8993.90	1797.09	1799.18	702.69	707403.66	379114.10	32°02'25.917"N	103°39'50.364"W	0.27	
10611.00	88.580	2.930	8995.94	1885.96	1888.06	706.82	707407.79	379202.98	32°02'26.796"N	103°39'50.309"W	0.66	
10700.00	86.390	1.610	8999.84	1974.78	1976.90	710.34	707411.31	379291.81	32°02'27.675"N	103°39'50.262"W	2.87	
10789.00	85.500	1.060	9006.13	2063.53	2065.65	712.41	707413.38	379380.56	32°02'28.553"N	103°39'50.231"W	1.17	
10878.00	86.550	0.830	9012.30	2152.30	2154.42	713.88	707414.84	379469.33	32°02'29.432"N	103°39'50.208"W	1.21	
10966.00	86.460	0.870	9017.67	2240.12	2242.25	715.18	707416.15	379557.15	32°02'30.301"N	103°39'50.187"W	0.11	
11054.00	87.380	359.130	9022.40	2327.99	2330.12	715.18	707416.15	379645.02	32°02'31.170"N	103°39'50.180"W	2.23	
11143.00	86.640	0.250	9027.04	2416.86	2418.99	714.70	707415.67	379733.89	32°02'32.050"N	103°39'50.179"W	1.51	
11232.00	88.030	1.540	9031.18	2505.75	2507.88	716.09	707417.05	379822.77	32°02'32.929"N	103°39'50.157"W	2.13	
11320.00	87.780	358.330	9034.40	2593.68	2595.81	715.99	707416.96	379910.70	32°02'33.799"N	103°39'50.152"W	3.66	
11409.00	87.350	357.120	9038.18	2682.53	2684.66	712.46	707413.43	379999.54	32°02'34.679"N	103°39'50.186"W	1.44	



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Page 5 of 7

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11498.00	88.340	357.850	9041.52	2771.40	2773.51	708.55	707409.52	380088.39	32°02'35.558"N	103°39'50.225"W	1.38	
11586.00	88.370	358.320	9044.05	2859.32	2861.42	705.62	707406.58	380176.30	32°02'36.428"N	103°39'50.253"W	0.53	
11674.00	90.000	359.080	9045.30	2947.29	2949.39	703.62	707404.59	380264.26	32°02'37.299"N	103°39'50.270"W	2.04	
11763.00	89.080	357.960	9046.02	3036.26	3038.35	701.32	707402.29	380353.22	32°02'38.179"N	103°39'50.290"W	1.63	
11851.00	90.990	358.360	9045.96	3124.22	3126.30	698.50	707399.46	380441.17	32°02'39.050"N	103°39'50.317"W	2.22	
11939.00	91.020	358.980	9044.42	3212.19	3214.27	696.45	707397.42	380529.13	32°02'39.921"N	103°39'50.334"W	0.71	
12028.00	88.150	356.580	9045.06	3301.11	3303.18	693.01	707393.98	380618.04	32°02'40.801"N	103°39'50.368"W	4.20	
12116.00	89.440	356.380	9046.91	3388.94	3390.99	687.60	707388.57	380705.85	32°02'41.670"N	103°39'50.424"W	1.48	
12204.00	89.410	355.260	9047.80	3476.72	3478.76	681.19	707382.16	380793.60	32°02'42.539"N	103°39'50.492"W	1.27	
12293.00	90.400	358.200	9047.94	3565.58	3567.60	676.11	707377.09	380882.44	32°02'43.418"N	103°39'50.545"W	3.49	
12382.00	89.540	359.640	9047.99	3654.56	3656.58	674.44	707375.41	380971.42	32°02'44.299"N	103°39'50.558"W	1.88	
12470.00	88.000	0.290	9049.88	3742.54	3744.56	674.38	707375.35	381059.39	32°02'45.169"N	103°39'50.552"W	1.90	
12558.00	90.800	1.620	9050.80	3830.51	3832.53	675.85	707376.82	381147.36	32°02'46.040"N	103°39'50.529"W	3.52	
12647.00	92.160	1.840	9048.50	3919.43	3921.46	678.54	707379.51	381236.28	32°02'46.920"N	103°39'50.491"W	1.55	
12736.00	92.810	0.880	9044.64	4008.31	4010.35	680.65	707381.62	381325.17	32°02'47.799"N	103°39'50.460"W	1.30	
12824.00	93.600	1.180	9039.72	4096.15	4098.19	682.23	707383.20	381413.01	32°02'48.668"N	103°39'50.436"W	0.96	
12913.00	89.350	0.040	9037.43	4185.09	4187.14	683.17	707384.14	381501.95	32°02'49.548"N	103°39'50.418"W	4.94	
13001.00	87.190	0.300	9040.09	4273.04	4275.09	683.43	707384.40	381589.90	32°02'50.419"N	103°39'50.409"W	2.47	
13090.00	89.970	1.830	9042.30	4361.99	4364.04	685.09	707386.06	381678.85	32°02'51.299"N	103°39'50.383"W	3.57	
13178.00	90.890	1.870	9041.64	4449.93	4451.99	687.93	707388.90	381766.79	32°02'52.169"N	103°39'50.344"W	1.05	
13266.00	91.760	1.110	9039.60	4537.87	4539.93	690.22	707391.19	381854.73	32°02'53.039"N	103°39'50.311"W	1.31	
13355.00	93.110	1.690	9035.82	4626.75	4628.82	692.39	707393.36	381943.62	32°02'53.919"N	103°39'50.279"W	1.65	
13443.00	93.300	0.320	9030.90	4714.59	4716.67	693.93	707394.90	382031.46	32°02'54.788"N	103°39'50.255"W	1.57	
13532.00	89.600	358.880	9028.65	4803.54	4805.62	693.31	707394.28	382120.41	32°02'55.668"N	103°39'50.256"W	4.46	
13620.00	89.970	359.940	9028.98	4891.54	4893.62	692.40	707393.37	382208.40	32°02'56.539"N	103°39'50.260"W	1.28	
13709.00	91.970	1.200	9027.47	4980.51	4982.59	693.29	707394.26	382297.37	32°02'57.419"N	103°39'50.244"W	2.66	
13789.00	94.160	1.230	9023.19	5060.37	5062.45	694.98	707395.95	382377.23	32°02'58.209"N	103°39'50.218"W	2.74	8 3/4 BHI MWD 10168' - 13789'
13855.00	94.160	1.230	9018.41	5126.18	5128.27	696.39	707397.36	382443.04	32°02'58.861"N	103°39'50.197"W	0.00	Projection to TD: 13855'



Actual Wellpath Report

SD WE 15 Federal P12 No. 3H awp 174.5' - 13789' Proj: 13855'

Page 6 of 7

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REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD WE 15 Fed P12 No. 3H
Area	Lea County, NM	Well	SD WE 15 Federal P12 No. 3H
Field	Jennings / Upper BN SPRN Shale (Lea County, NM)	Wellbore	SD WE 15 Fed P12 No. 3H
Facility	SD WE 15 Fed P12		

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
SD WE 15 Fed P12 No. 3H ip1	8997.00	1830.86	693.92	707394.89	379145.78	32°02'26.231"N	103°39'50.463"W	point
SD WE 15 Fed P12 No. 3H BHL rev 3	9025.00	5122.23	684.03	707385.00	382437.00	32°02'58.802"N	103°39'50.341"W	rectangle
SD WE 15 Fed P12 No. 3H ip2	9033.00	4060.97	687.22	707388.19	381375.79	32°02'48.300"N	103°39'50.380"W	point

WELLPATH COMPOSITION - Ref Wellbore: SD WE 15 Fed P12 No. 3H Ref Wellpath: SD WE 15 Federal P12 No. 3H awp 174.5' - 13789' Proj: 13855'

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
32.60	679.50	ISCWSA MWD, Rev. 4 (Standard)	Imported surface survey 174.5' - 679.5'	SD WE 15 Fed P12 No. 3H
679.50	4345.00	BHI NaviTrak (Standard)	12 1/4 BHI MWD 710' - 4345'	SD WE 15 Fed P12 No. 3H
4345.00	8061.00	BHI NaviTrak (Standard)	8 3/4 BHI MWD 4521' - 8061'	SD WE 15 Fed P12 No. 3H
8061.00	10080.00	BHI NaviTrak (Standard)	8 3/4 BHI MWD 8221' - 10080'	SD WE 15 Fed P12 No. 3H
10080.00	13789.00	BHI NaviTrak (Standard)	8 3/4 BHI MWD 10168' - 13789'	SD WE 15 Fed P12 No. 3H
13789.00	13855.00	Blind Drilling (std)	Projection to bit	SD WE 15 Fed P12 No. 3H



Actual Wellpath Report

SD WE 15 Federal P12 No. 3H awp 174.5' - 13789' Proj: 13855'

Page 7 of 7

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REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD WE 15 Fed P12 No. 3H
Area	Lea County, NM	Well	SD WE 15 Federal P12 No. 3H
Field	Jennings / Upper BN SPRN Shale (Lea County, NM)	Wellbore	SD WE 15 Fed P12 No. 3H
Facility	SD WE 15 Fed P12		

COMMENTS

Wellpath general comments

Well: SD WE 15 Federal P12 No. 3H
Field: Jennings/Upper BN SPRN, Shale
Rig: Nabors X30
Location: Lea Co., NM
API: 30-025-43595-00
Latitude: 32° 02' 08.156" N
Longitude: 103° 39' 58.656" W
DF Elevation: 3180.60 feet
Elev. GL: 3148 feet
Proposed Direction: 359.84°
PBHL: 13855 feet
Duration: 06/24/2017-07/07/2017
FSE's: D. Hardeman
SO#: 8605140
12 1/4 BHI MWD 710' - 4345'
8 3/4 BHI MWD 4521' - 8061'
8 3/4 BHI MWD 8221' - 10080'
8 3/4 BHI MWD 10168' - 13789'
Projection to TD: 13855'