



Actual Wellpath Report

No.259H AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	BOPCO, L.P.	Slot	No. 259H SHL
Area	Eddy County, NM	Well	No. 259H
Field	Big Eddy	Wellbore	No.259H AWB
Facility	Big Eddy Unit No.258H & No. 259H		

REPORT SETUP INFORMATION

Projection System	NAD27 / TM New Mexico SP, Eastern Zone (3001), US feet	Software System	WellArchitect® 4.0.1
North Reference	Grid	User	Gentbry
Scale	0.999935	Report Generated	1/27/2014 at 8:33:33 AM
Convergence at slot	0.26° East	Database/Source file	MidlandDB/No.259H_AWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-39.99	0.18	649416.41	591748.71	32°37'33.178"N	103°50'52.849"W
Facility Reference Pt			649416.23	591788.70	32°37'33.574"N	103°50'52.849"W
Field Reference Pt			610823.03	524402.80	32°26'28.262"N	103°58'26.774"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on No. 259H SHL (KB) to Facility Vertical Datum	22.00ft
Horizontal Reference Pt	Slot	Rig on No. 259H SHL (KB) to Mean Sea Level	3494.00ft
Vertical Reference Pt	Rig on No. 259H SHL (KB)	Rig on No. 259H SHL (KB) to Mud Line at Slot (No. 259H SHL)	22.00ft
MD Reference Pt	Rig on No. 259H SHL (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	269.66°



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Field	Big Eddy	Wellbore	No.259H AWB
Facility	Big Eddy Unit No.258H & No. 259H		

WELLPATH DATA (147 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	54.670	0.00	0.00	0.00	0.00	649416.41	591748.71	32°37'33.178"N	103°50'52.849"W	0.00	
100.00	0.120	54.670	100.00	-0.09	0.06	0.09	649416.50	591748.77	32°37'33.178"N	103°50'52.848"W	0.12	
200.00	0.050	234.640	200.00	-0.14	0.10	0.14	649416.55	591748.81	32°37'33.179"N	103°50'52.847"W	0.17	
300.00	0.180	199.540	300.00	-0.05	-0.08	0.05	649416.46	591748.63	32°37'33.177"N	103°50'52.848"W	0.14	
400.00	0.470	210.470	400.00	0.22	-0.58	-0.21	649416.20	591748.13	32°37'33.172"N	103°50'52.851"W	0.30	
500.00	1.160	229.180	499.99	1.20	-1.59	-1.19	649415.22	591747.12	32°37'33.162"N	103°50'52.863"W	0.73	
600.00	1.540	242.550	599.96	3.16	-2.88	-3.15	649413.26	591745.83	32°37'33.150"N	103°50'52.886"W	0.49	
700.00	1.530	251.860	699.92	5.63	-3.91	-5.61	649410.80	591744.80	32°37'33.139"N	103°50'52.915"W	0.25	
800.00	1.350	268.280	799.89	8.08	-4.36	-8.05	649408.36	591744.35	32°37'33.135"N	103°50'52.943"W	0.45	
900.00	1.440	276.940	899.86	10.50	-4.24	-10.48	649405.93	591744.47	32°37'33.136"N	103°50'52.972"W	0.23	
1000.00	1.450	280.340	999.83	12.99	-3.87	-12.97	649403.44	591744.84	32°37'33.140"N	103°50'53.001"W	0.09	
1100.00	0.920	302.030	1099.81	14.91	-3.21	-14.90	649401.52	591745.50	32°37'33.147"N	103°50'53.023"W	0.69	
1200.00	0.820	318.120	1199.80	16.07	-2.25	-16.05	649400.36	591746.46	32°37'33.156"N	103°50'53.037"W	0.26	
1300.00	0.850	333.050	1299.79	16.87	-1.06	-16.87	649399.54	591747.65	32°37'33.168"N	103°50'53.046"W	0.22	
1400.00	0.860	340.630	1399.78	17.45	0.31	-17.45	649398.96	591749.02	32°37'33.182"N	103°50'53.053"W	0.11	
1500.00	0.760	357.770	1499.77	17.72	1.68	-17.73	649398.68	591750.39	32°37'33.195"N	103°50'53.056"W	0.26	
1600.00	0.770	2.010	1599.76	17.71	3.01	-17.73	649398.68	591751.72	32°37'33.208"N	103°50'53.056"W	0.06	
1700.00	0.600	20.320	1699.75	17.50	4.18	-17.52	649398.89	591752.89	32°37'33.220"N	103°50'53.054"W	0.28	
1800.00	0.430	37.070	1799.75	17.09	4.97	-17.12	649399.30	591753.68	32°37'33.228"N	103°50'53.049"W	0.23	
1900.00	0.460	58.890	1899.74	16.51	5.47	-16.55	649399.87	591754.18	32°37'33.233"N	103°50'53.042"W	0.17	
2000.00	0.410	64.030	1999.74	15.85	5.84	-15.88	649400.53	591754.55	32°37'33.236"N	103°50'53.034"W	0.06	
2100.00	0.340	68.940	2099.74	15.25	6.10	-15.28	649401.13	591754.81	32°37'33.239"N	103°50'53.027"W	0.08	
2200.00	0.370	62.980	2199.74	14.68	6.35	-14.72	649401.69	591755.06	32°37'33.241"N	103°50'53.021"W	0.05	
2300.00	0.590	88.890	2299.73	13.88	6.51	-13.92	649402.50	591755.22	32°37'33.243"N	103°50'53.011"W	0.30	
2400.00	0.590	87.210	2399.73	12.85	6.55	-12.89	649403.52	591755.26	32°37'33.243"N	103°50'52.999"W	0.02	
2500.00	0.490	81.940	2499.72	11.91	6.63	-11.95	649404.46	591755.34	32°37'33.244"N	103°50'52.988"W	0.11	
2600.00	0.550	69.960	2599.72	11.03	6.86	-11.07	649405.34	591755.56	32°37'33.246"N	103°50'52.978"W	0.12	
2700.00	0.500	86.310	2699.72	10.15	7.05	-10.19	649406.22	591755.76	32°37'33.248"N	103°50'52.968"W	0.16	
2800.00	1.570	92.170	2799.70	8.34	7.02	-8.38	649408.03	591755.73	32°37'33.248"N	103°50'52.947"W	1.07	
2900.00	1.510	87.700	2899.66	5.66	7.02	-5.70	649410.71	591755.73	32°37'33.248"N	103°50'52.915"W	0.13	
3000.00	1.800	83.760	2999.62	2.78	7.25	-2.82	649413.59	591755.96	32°37'33.250"N	103°50'52.881"W	0.31	
3100.00	2.110	73.560	3099.56	-0.55	7.94	0.51	649416.92	591756.65	32°37'33.256"N	103°50'52.843"W	0.46	
3200.00	2.770	55.310	3199.47	-4.32	9.84	4.26	649420.67	591758.55	32°37'33.275"N	103°50'52.799"W	1.01	
3300.00	2.490	33.510	3299.37	-7.52	13.02	7.45	649423.85	591761.73	32°37'33.306"N	103°50'52.761"W	1.03	
3400.00	2.510	7.710	3399.28	-9.04	17.00	8.94	649425.35	591765.71	32°37'33.346"N	103°50'52.743"W	1.12	
3500.00	4.130	10.300	3499.11	-10.01	22.72	9.88	649426.29	591771.43	32°37'33.402"N	103°50'52.732"W	1.63	
3600.00	5.750	5.680	3598.73	-11.20	31.25	11.02	649427.43	591779.95	32°37'33.487"N	103°50'52.718"W	1.67	
3700.00	6.570	4.400	3698.15	-12.20	41.93	11.95	649428.36	591790.64	32°37'33.592"N	103°50'52.707"W	0.83	
3800.00	5.740	359.640	3797.58	-12.67	52.64	12.36	649428.77	591801.35	32°37'33.698"N	103°50'52.702"W	0.97	
3900.00	5.400	0.780	3897.11	-12.76	62.35	12.39	649428.80	591811.05	32°37'33.794"N	103°50'52.701"W	0.36	
4000.00	5.300	2.590	3996.67	-13.08	71.66	12.66	649429.07	591820.37	32°37'33.886"N	103°50'52.697"W	0.20	
4100.00	5.020	3.300	4096.26	-13.60	80.65	13.12	649429.53	591829.35	32°37'33.975"N	103°50'52.691"W	0.29	
4302.00	3.700	11.600	4297.68	-15.51	95.85	14.94	649431.35	591844.56	32°37'34.126"N	103°50'52.669"W	0.72	
4397.00	3.000	4.400	4392.51	-16.35	101.34	15.75	649432.16	591850.04	32°37'34.180"N	103°50'52.659"W	0.86	
4492.00	0.400	19.500	4487.46	-16.66	104.13	16.05	649432.46	591852.83	32°37'34.207"N	103°50'52.656"W	2.75	



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Field	Big Eddy	Wellbore	No.259H AWB
Facility	Big Eddy Unit No.258H & No. 259H		

WELLPATH DATA (147 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
4587.00	0.800	182.700	4582.46	-16.74	103.78	16.13	649432.54	591852.48	32°37'34.204"N	103°50'52.655"W	1.25	
4683.00	0.800	182.200	4678.45	-16.68	102.44	16.07	649432.48	591851.14	32°37'34.191"N	103°50'52.655"W	0.01	
4777.00	1.100	199.300	4772.44	-16.34	100.93	15.75	649432.16	591849.63	32°37'34.176"N	103°50'52.659"W	0.44	
4967.00	1.200	203.300	4962.40	-14.93	97.38	14.36	649430.77	591846.09	32°37'34.141"N	103°50'52.676"W	0.07	
5157.00	1.100	195.000	5152.36	-13.65	93.79	13.10	649429.51	591842.50	32°37'34.105"N	103°50'52.691"W	0.10	
5347.00	0.900	207.700	5342.34	-12.47	90.71	11.94	649428.35	591839.41	32°37'34.075"N	103°50'52.704"W	0.16	
5537.00	1.300	204.600	5532.30	-10.86	87.43	10.35	649426.75	591836.13	32°37'34.042"N	103°50'52.723"W	0.21	
5728.00	1.000	236.100	5723.26	-8.56	84.53	8.06	649424.47	591833.23	32°37'34.014"N	103°50'52.750"W	0.36	
5918.00	1.100	225.100	5913.23	-5.88	82.32	5.39	649421.80	591831.02	32°37'33.992"N	103°50'52.781"W	0.12	
6108.00	1.000	244.200	6103.20	-3.08	80.31	2.61	649419.02	591829.01	32°37'33.972"N	103°50'52.814"W	0.19	
6298.00	1.200	222.000	6293.17	-0.24	78.11	-0.22	649416.19	591826.81	32°37'33.951"N	103°50'52.847"W	0.25	
6488.00	0.900	230.000	6483.13	2.25	75.67	-2.69	649413.72	591824.38	32°37'33.927"N	103°50'52.876"W	0.18	
6678.00	1.100	237.100	6673.10	4.93	73.72	-5.37	649411.05	591822.43	32°37'33.908"N	103°50'52.908"W	0.12	
6868.00	1.300	213.200	6863.06	7.66	70.93	-8.08	649408.33	591819.63	32°37'33.880"N	103°50'52.940"W	0.28	
7058.00	0.900	222.900	7053.03	9.87	68.03	-10.27	649406.14	591816.74	32°37'33.851"N	103°50'52.965"W	0.23	
7249.00	0.800	240.100	7244.01	12.06	66.27	-12.45	649403.96	591814.97	32°37'33.834"N	103°50'52.991"W	0.14	
7439.00	0.400	253.200	7434.00	13.85	65.41	-14.23	649402.18	591814.12	32°37'33.826"N	103°50'53.012"W	0.22	
7629.00	0.500	208.200	7623.99	14.88	64.49	-15.26	649401.15	591813.20	32°37'33.817"N	103°50'53.024"W	0.19	
7819.00	0.100	155.400	7813.99	15.21	63.61	-15.58	649400.83	591812.32	32°37'33.808"N	103°50'53.028"W	0.24	
8010.00	0.700	122.900	8004.98	14.16	62.83	-14.53	649401.88	591811.53	32°37'33.800"N	103°50'53.015"W	0.32	
8200.00	0.900	114.200	8194.97	11.84	61.58	-12.20	649404.21	591810.29	32°37'33.788"N	103°50'52.988"W	0.12	
8390.00	0.700	77.200	8384.95	9.35	61.23	-9.71	649406.70	591809.93	32°37'33.784"N	103°50'52.959"W	0.29	
8485.00	0.500	99.000	8479.94	8.37	61.29	-8.73	649407.68	591810.00	32°37'33.785"N	103°50'52.948"W	0.32	
8544.00	0.400	187.500	8538.94	8.14	61.05	-8.50	649407.91	591809.75	32°37'33.782"N	103°50'52.945"W	1.07	
8576.00	1.300	296.700	8570.94	8.48	61.10	-8.84	649407.57	591809.81	32°37'33.783"N	103°50'52.949"W	4.63	
8607.00	2.400	303.300	8601.92	9.34	61.62	-9.70	649406.71	591810.32	32°37'33.788"N	103°50'52.959"W	3.61	
8639.00	4.100	280.600	8633.87	11.02	62.19	-11.38	649405.03	591810.90	32°37'33.794"N	103°50'52.979"W	6.56	
8671.00	6.800	274.700	8665.72	14.03	62.56	-14.40	649402.01	591811.26	32°37'33.798"N	103°50'53.014"W	8.61	
8702.00	9.700	270.100	8696.40	18.47	62.71	-18.84	649397.57	591811.42	32°37'33.799"N	103°50'53.066"W	9.59	
8734.00	13.600	264.600	8727.74	24.92	62.36	-25.28	649391.13	591811.07	32°37'33.796"N	103°50'53.141"W	12.66	
8766.00	18.500	264.400	8758.48	33.72	61.51	-34.09	649382.33	591810.22	32°37'33.788"N	103°50'53.244"W	15.31	
8798.00	21.600	266.200	8788.54	44.66	60.63	-45.02	649371.39	591809.33	32°37'33.780"N	103°50'53.372"W	9.88	
8829.00	25.300	266.100	8816.97	56.97	59.80	-57.33	649359.09	591808.51	32°37'33.772"N	103°50'53.516"W	11.94	
8861.00	28.200	265.300	8845.54	71.34	58.71	-71.69	649344.73	591807.42	32°37'33.762"N	103°50'53.684"W	9.13	
8893.00	31.300	264.200	8873.32	87.16	57.25	-87.49	649328.92	591805.96	32°37'33.748"N	103°50'53.869"W	9.84	
8924.00	35.000	263.200	8899.27	104.01	55.39	-104.34	649312.08	591804.09	32°37'33.731"N	103°50'54.066"W	12.06	
8956.00	39.000	261.600	8924.82	123.11	52.83	-123.42	649293.00	591801.54	32°37'33.706"N	103°50'54.289"W	12.86	
8988.00	43.600	260.900	8948.86	143.99	49.61	-144.29	649272.13	591798.32	32°37'33.675"N	103°50'54.533"W	14.45	
9019.00	46.500	261.100	8970.76	165.68	46.18	-165.96	649250.46	591794.89	32°37'33.642"N	103°50'54.787"W	9.37	
9051.00	48.900	262.100	8992.29	189.11	42.73	-189.37	649227.05	591791.43	32°37'33.609"N	103°50'55.061"W	7.85	
9083.00	51.600	262.500	9012.75	213.51	39.43	-213.75	649202.68	591788.14	32°37'33.578"N	103°50'55.346"W	8.49	
9115.00	54.300	262.500	9032.03	238.85	36.10	-239.07	649177.36	591784.81	32°37'33.546"N	103°50'55.642"W	8.44	
9147.00	56.100	263.600	9050.29	264.95	32.92	-265.15	649151.28	591781.63	32°37'33.516"N	103°50'55.947"W	6.29	
9178.00	58.100	264.700	9067.13	290.86	30.27	-291.04	649125.39	591778.98	32°37'33.491"N	103°50'56.250"W	7.11	
9210.00	60.000	265.500	9083.59	318.21	27.93	-318.38	649098.05	591776.64	32°37'33.469"N	103°50'56.570"W	6.31	



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Area	Eddy County, NM	Well	No. 259H
Field	Big Eddy	Wellbore	No.259H AWB
Facility	Big Eddy Unit No.258H & No. 259H		

WELLPATH DATA (147 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
9242.00	63.800	265.900	9098.66	346.37	25.82	-346.53	649069.91	591774.52	32°37'33.449"N	103°50'56.899"W	11.93	
9273.00	67.300	266.800	9111.49	374.54	24.02	-374.68	649041.75	591772.73	32°37'33.432"N	103°50'57.228"W	11.60	
9305.00	71.300	267.300	9122.80	404.43	22.48	-404.57	649011.87	591771.19	32°37'33.419"N	103°50'57.578"W	12.59	
9337.00	74.600	267.700	9132.18	435.00	21.15	-435.13	648981.31	591769.86	32°37'33.407"N	103°50'57.935"W	10.38	
9369.00	77.700	268.300	9139.84	466.05	20.07	-466.18	648950.26	591768.78	32°37'33.397"N	103°50'58.298"W	9.86	
9400.00	80.300	268.700	9145.75	496.47	19.27	-496.60	648919.85	591767.98	32°37'33.391"N	103°50'58.654"W	8.48	
9432.00	82.700	268.600	9150.48	528.12	18.53	-528.23	648888.21	591767.24	32°37'33.385"N	103°50'59.024"W	7.51	
9463.00	85.300	265.700	9153.72	558.91	16.99	-559.02	648857.43	591765.70	32°37'33.371"N	103°50'59.384"W	12.53	
9495.00	87.500	266.100	9155.73	590.78	14.71	-590.87	648825.58	591763.42	32°37'33.350"N	103°50'59.757"W	6.99	
9526.00	88.600	266.200	9156.79	621.70	12.63	-621.78	648794.67	591761.34	32°37'33.331"N	103°51'00.118"W	3.56	
9558.00	88.600	266.300	9157.57	653.63	10.54	-653.71	648762.75	591759.25	32°37'33.312"N	103°51'00.491"W	0.31	
9590.00	88.300	266.100	9158.43	685.56	8.42	-685.62	648730.83	591757.13	32°37'33.292"N	103°51'00.865"W	1.13	
9685.00	90.300	266.800	9159.59	780.40	2.54	-780.43	648636.03	591751.25	32°37'33.238"N	103°51'01.974"W	2.23	
9780.00	91.400	267.400	9158.18	875.29	-2.27	-875.30	648541.17	591746.44	32°37'33.195"N	103°51'03.083"W	1.32	
9875.00	91.600	267.900	9155.70	970.20	-6.16	-970.18	648446.29	591742.55	32°37'33.161"N	103°51'04.193"W	-0.57	
9970.00	91.500	268.400	9153.13	1065.13	-9.23	-1065.10	648351.38	591739.48	32°37'33.134"N	103°51'05.303"W	0.54	
10065.00	92.000	268.900	9150.23	1160.07	-11.47	-1160.03	648256.46	591737.24	32°37'33.117"N	103°51'06.413"W	0.74	
10160.00	91.700	269.800	9147.16	1255.02	-12.54	-1254.97	648161.52	591736.17	32°37'33.110"N	103°51'07.523"W	1.00	
10255.00	92.100	270.200	9144.01	1349.97	-12.54	-1349.92	648066.58	591736.17	32°37'33.114"N	103°51'08.633"W	0.60	
10350.00	91.700	270.200	9140.86	1444.91	-12.21	-1444.86	647971.64	591736.50	32°37'33.122"N	103°51'09.743"W	-0.42	
10445.00	91.500	270.400	9138.21	1539.87	-11.72	-1539.83	647876.69	591736.99	32°37'33.131"N	103°51'10.853"W	0.30	
10540.00	91.300	270.400	9135.89	1634.83	-11.05	-1634.80	647781.72	591737.66	32°37'33.142"N	103°51'11.964"W	0.21	
10635.00	91.000	270.500	9133.98	1729.80	-10.31	-1729.77	647686.75	591738.40	32°37'33.154"N	103°51'13.074"W	0.33	
10730.00	91.000	270.200	9132.32	1824.78	-9.73	-1824.76	647591.78	591738.98	32°37'33.164"N	103°51'14.184"W	0.32	
10825.00	90.500	269.300	9131.08	1919.77	-10.14	-1919.75	647496.79	591738.57	32°37'33.164"N	103°51'15.295"W	1.08	
10921.00	92.000	269.900	9128.98	2015.75	-10.81	-2015.72	647400.83	591737.90	32°37'33.161"N	103°51'16.417"W	1.68	
11016.00	91.900	269.800	9125.75	2110.69	-11.06	-2110.66	647305.89	591737.65	32°37'33.163"N	103°51'17.527"W	0.15	
11111.00	91.400	269.300	9123.02	2205.65	-11.81	-2205.62	647210.94	591736.91	32°37'33.160"N	103°51'18.638"W	0.74	
11206.00	91.500	269.200	9120.61	2300.62	-13.05	-2300.58	647115.98	591735.66	32°37'33.152"N	103°51'19.748"W	0.15	
11301.00	91.500	269.500	9118.13	2395.58	-14.13	-2395.54	647021.03	591734.58	32°37'33.145"N	103°51'20.858"W	0.32	
11396.00	91.400	269.400	9115.72	2490.55	-15.04	-2490.51	646926.07	591733.67	32°37'33.141"N	103°51'21.969"W	0.15	
11491.00	91.500	269.000	9113.32	2585.52	-16.36	-2585.47	646831.12	591732.35	32°37'33.132"N	103°51'23.079"W	0.43	
11586.00	91.100	268.800	9111.16	2680.49	-18.19	-2680.43	646736.16	591730.52	32°37'33.118"N	103°51'24.189"W	0.47	
11681.00	91.100	268.300	9109.34	2775.45	-20.59	-2775.38	646641.22	591728.12	32°37'33.098"N	103°51'25.300"W	0.53	
11776.00	91.800	269.300	9106.93	2870.41	-22.58	-2870.32	646546.28	591726.13	32°37'33.083"N	103°51'26.410"W	1.28	
11871.00	91.900	269.500	9103.87	2965.36	-23.57	-2965.27	646451.34	591725.14	32°37'33.077"N	103°51'27.520"W	0.24	
11966.00	92.300	269.400	9100.39	3060.29	-24.49	-3060.20	646356.41	591724.23	32°37'33.072"N	103°51'28.630"W	0.43	
12061.00	92.500	268.400	9096.41	3155.20	-26.31	-3155.10	646261.52	591722.40	32°37'33.059"N	103°51'29.740"W	1.07	
12157.00	92.000	269.200	9092.64	3251.11	-28.32	-3251.00	646165.63	591720.40	32°37'33.043"N	103°51'30.861"W	0.98	
12252.00	90.600	269.500	9090.48	3346.09	-29.39	-3345.97	646070.67	591719.32	32°37'33.037"N	103°51'31.972"W	1.51	
12347.00	89.600	269.600	9090.32	3441.08	-30.14	-3440.97	645975.68	591718.57	32°37'33.033"N	103°51'33.082"W	1.06	
12441.00	89.700	269.900	9090.89	3535.08	-30.55	-3534.96	645881.68	591718.16	32°37'33.033"N	103°51'34.181"W	0.34	
12536.00	90.000	269.700	9091.14	3630.08	-30.88	-3629.96	645786.69	591717.83	32°37'33.034"N	103°51'35.292"W	0.38	
12631.00	90.000	269.500	9091.14	3725.08	-31.54	-3724.96	645691.70	591717.17	32°37'33.032"N	103°51'36.403"W	0.21	
12726.00	89.900	268.900	9091.22	3820.08	-32.87	-3819.95	645596.72	591715.84	32°37'33.023"N	103°51'37.514"W	0.64	



Actual Wellpath Report

No.259H AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	BOPCO, L.P.	Slot	No. 259H SHL
Area	Eddy County, NM	Well	No. 259H
Field	Big Eddy	Wellbore	No.259H AWB
Facility	Big Eddy Unit No.258H & No. 259H		

WELLPATH DATA (147 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
12821.00	89.500	268.900	9091.72	3915.07	-34.69	-3914.93	645501.74	591714.02	32°37'33.009"N	103°51'38.624"W	0.42	
12916.00	90.300	270.000	9091.89	4010.06	-35.61	-4009.92	645406.76	591713.11	32°37'33.004"N	103°51'39.735"W	1.43	
13011.00	90.200	269.700	9091.47	4105.06	-35.86	-4104.92	645311.76	591712.86	32°37'33.006"N	103°51'40.846"W	0.33	
13106.00	90.000	269.100	9091.31	4200.06	-36.85	-4199.92	645216.78	591711.86	32°37'33.000"N	103°51'41.956"W	0.67	
13202.00	89.600	268.600	9091.64	4296.05	-38.78	-4295.90	645120.80	591709.94	32°37'32.985"N	103°51'43.079"W	0.67	
13297.00	91.000	269.300	9091.14	4391.04	-40.52	-4390.88	645025.83	591708.20	32°37'32.972"N	103°51'44.189"W	1.65	
13392.00	91.000	269.400	9089.49	4486.02	-41.60	-4485.86	644930.86	591707.12	32°37'32.966"N	103°51'45.300"W	0.11	
13487.00	91.000	268.800	9087.83	4581.00	-43.09	-4580.83	644835.89	591705.63	32°37'32.955"N	103°51'46.410"W	0.63	
13582.00	90.900	268.700	9086.25	4675.98	-45.16	-4675.79	644740.93	591703.55	32°37'32.939"N	103°51'47.521"W	0.15	
13677.00	90.900	268.400	9084.76	4770.95	-47.56	-4770.75	644645.98	591701.15	32°37'32.919"N	103°51'48.631"W	0.32	
13772.00	90.300	268.200	9083.77	4865.92	-50.38	-4865.70	644551.03	591698.33	32°37'32.896"N	103°51'49.741"W	0.67	
13854.00	90.300	268.200	9083.34	4947.89	-52.96	-4947.66	644469.08	591695.76	32°37'32.874"N	103°51'50.700"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
BEU No. 259H PBHL		9070.00	-29.07	-4939.01	644477.73	591719.64	32°37'33.110"N	103°51'50.597"W	point

WELLPATH COMPOSITION - Ref Wellbore: No.259H AWB Ref Wellpath: No.259H AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	4100.00	NaviTrak (Standard)	BHI MWD NaviTrak <194-XXXX>	No.259H AWB
4100.00	13772.00	NaviTrak (Standard)	BHI MWD NaviTrak <4302-XXXX>	No.259H AWB
13772.00	13854.00	Blind Drilling (std)	Projection to bit	No.259H AWB