

BOPCO, L.P.

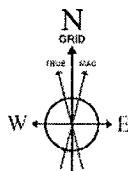
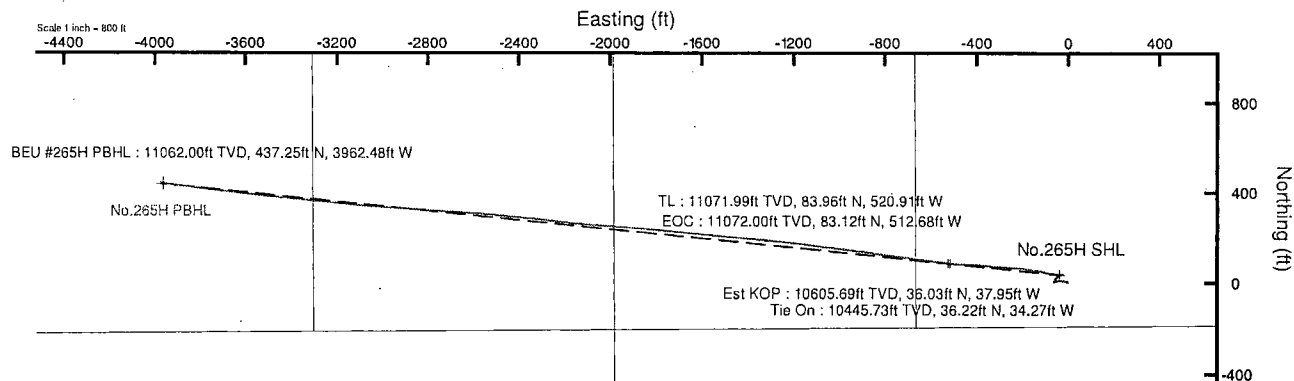
Location: Eddy County, NM
Field: Big Eddy
Facility: Big Eddy Unit No.265H

Slot: No.265H SHL
Well: No.265H
Wellbore: No.265H PWB



Well Profile Data

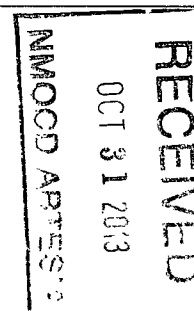
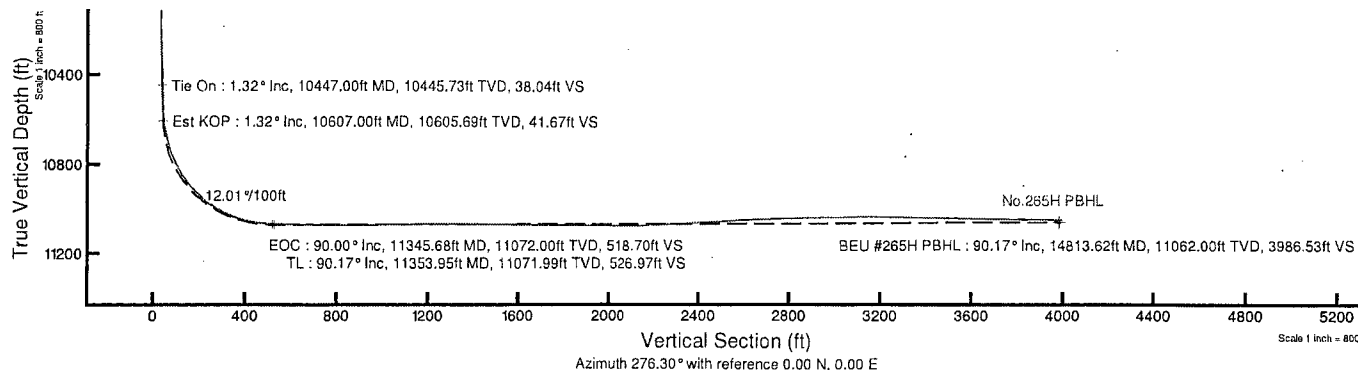
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	10447.00	1.320	267.090	10445.73	36.22	-34.27	0.00	38.04
Est KOP	10607.00	1.320	267.090	10605.69	36.03	-37.95	0.00	41.67
EOC	11345.68	90.000	275.861	11072.00	83.12	-512.68	12.01	518.70
TL	11353.95	90.165	275.861	11071.99	83.96	-520.91	2.00	526.97
BEU #265H PBHL	14813.62	90.165	275.861	11062.00	437.25	-3962.48	0.00	3986.53



BGGM (1945.0 to 2014.0) Dip: 60.42° Field: 48610.5 nT
Magnetic North is 7.83 degrees East of True North (at 04/26/2013)
Grid North is 0.26 degrees East of True North
To correct azimuth from True to Grid subtract 0.26 degrees
To correct azimuth from Magnetic to Grid add 7.37 degrees

For example: if the Magnetic North Azimuth = 90 degs, then the Grid North Azimuth = 90 + 7.37 = 97.37

Plot reference wellpath is Rev-D.0	
True vertical depths are referenced to Rig on No.265H SHL (KB)	Grid System: NAD27 / TM New Mexico SP, Eastern Zone (3001), US feet
Measured depths are referenced to Rig on No.265H SHL (KB)	North Reference: Grid north
Rig on No.265H SHL (KB) to Mean Sea Level: 3493 feet	Scale: True distance
Mean Sea Level to Mud line (At Slot: No.265H SHL): -3464 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: gentlry on 05/20/2013



Rev-D.0

15-4076



Actual Wellpath Report

No.265H AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	BOPCO, L.P.	Slot	No.265H SHL
Area	Eddy County, NM	Well	No.265H
Field	Big Eddy	Wellbore	No.265H AWB
Facility	Big Eddy Unit No.265H		

REPORT SETUP INFORMATION			
Projection System	NAD27 / TM New Mexico SP, Eastern Zone (3001), US feet	Software System	WellArchitect® 3.0.0
North Reference	Grid	User	Gentbry
Scale	0.999934	Report Generated	06/06/2013 at 8:18:47 AM
Convergence at slot	0.26° East	Database/Source file	WA Midland/No.265H_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	646139.62	589950.15	32°37'15.527"N	103°51'31.258"W
Facility Reference Pt			646139.62	589950.15	32°37'15.527"N	103°51'31.258"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.265H SHL (KB) to Facility Vertical Datum	29.00ft
Horizontal Reference Pt	Slot	Rig on No.265H SHL (KB) to Mean Sea Level	3493.00ft
Vertical Reference Pt	Rig on No.265H SHL (KB)	Rig on No.265H SHL (KB) to Mud Line at Slot (No.265H SHL)	29.00ft
MD Reference Pt	Rig on No.265H SHL (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	276.30°



Actual Wellpath Report

No.265H AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	BOPCO, L.P.	Slot	No.265H SHL
Area	Eddy County, NM	Well	No.265H
Field	Big Eddy	Wellbore	No.265H AWB
Facility	Big Eddy Unit No.265H		

WELLPATH DATA (176 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	345.820	0.00	0.00	0.00	0.00	646139.62	589950.15	32°37'15.527"N	103°51'31.258"W	0.00	
100.00	0.060	345.820	100.00	0.02	0.05	-0.01	646139.61	589950.20	32°37'15.527"N	103°51'31.258"W	0.06	
200.00	0.090	7.020	200.00	0.04	0.18	-0.02	646139.60	589950.33	32°37'15.529"N	103°51'31.258"W	0.04	
300.00	0.100	354.560	300.00	0.05	0.34	-0.01	646139.61	589950.49	32°37'15.530"N	103°51'31.258"W	0.02	
400.00	0.210	340.650	400.00	0.15	0.60	-0.08	646139.54	589950.75	32°37'15.533"N	103°51'31.259"W	0.12	
500.00	0.350	318.260	500.00	0.46	1.00	-0.35	646139.27	589951.15	32°37'15.537"N	103°51'31.262"W	0.18	
600.00	0.550	312.190	600.00	1.07	1.56	-0.91	646138.71	589951.71	32°37'15.542"N	103°51'31.268"W	0.21	
700.00	0.780	311.930	699.99	2.01	2.33	-1.77	646137.85	589952.48	32°37'15.550"N	103°51'31.278"W	0.23	
800.00	0.980	297.700	799.98	3.36	3.18	-3.03	646136.59	589953.33	32°37'15.558"N	103°51'31.293"W	0.29	
949.10	1.100	297.280	949.05	5.89	4.43	-5.43	646134.19	589954.58	32°37'15.571"N	103°51'31.321"W	0.08	
1012.00	1.100	294.490	1011.94	7.02	4.96	-6.52	646133.10	589955.11	32°37'15.576"N	103°51'31.334"W	0.09	
1106.40	1.080	278.620	1106.32	8.77	5.47	-8.22	646131.40	589955.62	32°37'15.581"N	103°51'31.354"W	0.32	
1200.70	1.160	274.550	1200.61	10.62	5.68	-10.05	646129.57	589955.83	32°37'15.583"N	103°51'31.375"W	0.12	
1295.10	1.220	274.330	1294.99	12.58	5.83	-12.01	646127.61	589955.98	32°37'15.585"N	103°51'31.398"W	0.06	
1389.40	1.300	270.790	1389.26	14.64	5.92	-14.08	646125.54	589956.07	32°37'15.586"N	103°51'31.422"W	0.12	
1483.80	1.370	272.110	1483.64	16.83	5.98	-16.28	646123.34	589956.13	32°37'15.587"N	103°51'31.448"W	0.08	
1578.10	1.430	272.200	1577.91	19.13	6.06	-18.58	646121.04	589956.21	32°37'15.588"N	103°51'31.475"W	0.06	
1672.50	1.370	269.270	1672.28	21.43	6.09	-20.89	646118.74	589956.24	32°37'15.588"N	103°51'31.502"W	0.10	
1766.80	1.270	272.980	1766.56	23.59	6.13	-23.06	646116.57	589956.28	32°37'15.589"N	103°51'31.527"W	0.14	
1861.20	1.140	269.070	1860.93	25.57	6.17	-25.04	646114.58	589956.32	32°37'15.589"N	103°51'31.550"W	0.16	
1955.50	1.010	270.420	1955.22	27.32	6.16	-26.81	646112.81	589956.31	32°37'15.589"N	103°51'31.571"W	0.14	
2049.90	0.840	269.960	2049.61	28.84	6.17	-28.33	646111.29	589956.32	32°37'15.589"N	103°51'31.589"W	0.18	
2144.20	0.620	272.050	2143.90	30.03	6.19	-29.53	646110.09	589956.34	32°37'15.589"N	103°51'31.603"W	0.23	
2238.60	0.450	273.660	2238.29	30.91	6.23	-30.41	646109.21	589956.38	32°37'15.590"N	103°51'31.613"W	0.18	
2332.90	0.300	270.960	2332.59	31.53	6.26	-31.03	646108.59	589956.41	32°37'15.590"N	103°51'31.620"W	0.16	
2427.30	0.320	266.370	2426.99	32.04	6.24	-31.54	646108.08	589956.39	32°37'15.590"N	103°51'31.626"W	0.03	
2521.60	0.240	270.130	2521.29	32.49	6.23	-32.00	646107.62	589956.38	32°37'15.590"N	103°51'31.632"W	0.09	
2616.00	0.200	275.220	2615.69	32.85	6.24	-32.36	646107.26	589956.39	32°37'15.590"N	103°51'31.636"W	0.05	
2710.30	0.250	275.440	2709.99	33.22	6.28	-32.73	646106.89	589956.43	32°37'15.590"N	103°51'31.640"W	0.05	
2804.70	0.580	294.730	2804.39	33.88	6.50	-33.37	646106.25	589956.65	32°37'15.593"N	103°51'31.647"W	0.37	
2899.00	1.000	301.550	2898.68	35.08	7.13	-34.51	646105.12	589957.28	32°37'15.599"N	103°51'31.661"W	0.46	
2993.40	1.000	302.000	2993.06	36.57	8.00	-35.91	646103.72	589958.15	32°37'15.608"N	103°51'31.677"W	0.01	
3087.70	0.760	278.710	3087.35	37.93	8.53	-37.22	646102.40	589958.68	32°37'15.613"N	103°51'31.692"W	0.45	
3182.10	0.810	277.560	3181.74	39.23	8.71	-38.50	646101.12	589958.86	32°37'15.615"N	103°51'31.707"W	0.06	
3276.40	0.920	268.940	3276.03	40.64	8.78	-39.92	646099.70	589958.93	32°37'15.615"N	103°51'31.724"W	0.18	
3370.80	0.850	254.860	3370.42	42.05	8.59	-41.35	646098.27	589958.74	32°37'15.614"N	103°51'31.741"W	0.24	
3465.10	0.920	254.800	3464.71	43.40	8.20	-42.76	646096.86	589958.35	32°37'15.610"N	103°51'31.757"W	0.07	
3559.50	0.760	260.390	3559.10	44.71	7.90	-44.11	646095.52	589958.05	32°37'15.607"N	103°51'31.773"W	0.19	
3653.80	0.700	272.010	3653.39	45.88	7.82	-45.30	646094.32	589957.97	32°37'15.606"N	103°51'31.787"W	0.17	
3748.20	0.510	272.350	3747.79	46.88	7.85	-46.30	646093.33	589958.00	32°37'15.607"N	103°51'31.799"W	0.20	
3842.50	0.470	266.940	3842.08	47.68	7.85	-47.10	646092.52	589958.00	32°37'15.607"N	103°51'31.808"W	0.06	
3936.90	0.350	241.520	3936.48	48.30	7.69	-47.74	646091.88	589957.84	32°37'15.605"N	103°51'31.815"W	0.23	
4031.20	0.440	236.330	4030.78	48.81	7.35	-48.30	646091.33	589957.50	32°37'15.602"N	103°51'31.822"W	0.10	
4125.60	0.530	234.590	4125.17	49.42	6.90	-48.95	646090.67	589957.05	32°37'15.597"N	103°51'31.830"W	0.10	
4219.90	0.520	227.190	4219.47	50.02	6.36	-49.62	646090.00	589956.51	32°37'15.592"N	103°51'31.838"W	0.07	



Actual Wellpath Report

No.265H AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	BOPCO, L.P.	Slot	No.265H SHL
Area	Eddy County, NM	Well	No.265H
Field	Big Eddy	Wellbore	No.265H AWB
Facility	Big Eddy Unit No.265H		

WELLPATH DATA (176 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
4314.30	0.480	219.820	4313.87	50.52	5.76	-50.19	646089.43	589955.91	32°37'15.586"N	103°51'31.844"W	0.08	
4408.60	0.410	234.770	4408.16	50.99	5.26	-50.72	646088.90	589955.41	32°37'15.581"N	103°51'31.850"W	0.14	
4503.00	0.370	250.580	4502.56	51.52	4.97	-51.28	646088.34	589955.12	32°37'15.578"N	103°51'31.857"W	0.12	
4597.30	0.340	256.040	4596.86	52.05	4.80	-51.84	646087.78	589954.95	32°37'15.577"N	103°51'31.864"W	0.05	
4691.70	0.360	255.540	4691.26	52.59	4.66	-52.40	646087.22	589954.81	32°37'15.575"N	103°51'31.870"W	0.02	
4786.00	0.370	254.020	4785.56	53.15	4.50	-52.98	646086.64	589954.65	32°37'15.574"N	103°51'31.877"W	0.01	
4880.40	0.610	258.540	4879.95	53.91	4.32	-53.77	646085.86	589954.47	32°37'15.572"N	103°51'31.886"W	0.26	
4974.70	0.760	258.130	4974.25	54.99	4.09	-54.87	646084.75	589954.24	32°37'15.570"N	103°51'31.899"W	0.16	
5069.10	0.790	256.240	5068.64	56.19	3.80	-56.11	646083.51	589953.95	32°37'15.567"N	103°51'31.914"W	0.04	
5163.40	0.790	255.950	5162.93	57.41	3.49	-57.38	646082.25	589953.64	32°37'15.564"N	103°51'31.928"W	0.00	
5257.80	0.710	260.040	5257.32	58.58	3.23	-58.58	646081.04	589953.38	32°37'15.561"N	103°51'31.942"W	0.10	
5352.10	0.380	281.990	5351.62	59.46	3.20	-59.46	646080.16	589953.35	32°37'15.561"N	103°51'31.953"W	0.41	
5446.50	0.160	353.150	5446.01	59.80	3.39	-59.79	646079.84	589953.54	32°37'15.563"N	103°51'31.957"W	0.38	
5540.80	0.460	61.430	5540.31	59.52	3.70	-59.47	646080.15	589953.85	32°37'15.566"N	103°51'31.953"W	0.45	
5635.20	0.950	73.360	5634.71	58.49	4.11	-58.39	646081.24	589954.26	32°37'15.570"N	103°51'31.940"W	0.54	
5729.50	0.970	67.760	5728.99	57.06	4.64	-56.90	646082.72	589954.79	32°37'15.575"N	103°51'31.923"W	0.10	
5823.90	0.680	51.590	5823.38	55.96	5.29	-55.72	646083.90	589955.44	32°37'15.582"N	103°51'31.909"W	0.39	
5918.20	0.760	54.260	5917.68	55.10	6.00	-54.77	646084.85	589956.15	32°37'15.589"N	103°51'31.898"W	0.09	
6012.60	0.680	26.330	6012.07	54.45	6.87	-54.02	646085.61	589957.02	32°37'15.597"N	103°51'31.889"W	0.38	
6201.30	0.680	2.040	6200.76	54.15	8.99	-53.48	646086.14	589959.14	32°37'15.618"N	103°51'31.882"W	0.15	
6295.60	0.680	351.400	6295.05	54.33	10.10	-53.55	646086.08	589960.25	32°37'15.629"N	103°51'31.883"W	0.13	
6390.00	0.760	346.330	6389.44	54.69	11.26	-53.78	646085.85	589961.41	32°37'15.641"N	103°51'31.886"W	0.11	
6484.30	0.640	358.910	6483.73	54.97	12.40	-53.94	646085.69	589962.55	32°37'15.652"N	103°51'31.888"W	0.21	
6578.70	0.580	16.390	6578.13	54.95	13.38	-53.81	646085.81	589963.53	32°37'15.662"N	103°51'31.886"W	0.21	
6673.00	0.440	9.820	6672.43	54.85	14.20	-53.61	646086.01	589964.35	32°37'15.670"N	103°51'31.884"W	0.16	
6767.40	0.350	7.190	6766.82	54.82	14.84	-53.52	646086.11	589964.99	32°37'15.676"N	103°51'31.883"W	0.10	
6861.70	0.400	19.130	6861.12	54.74	15.44	-53.37	646086.25	589965.59	32°37'15.682"N	103°51'31.881"W	0.10	
6956.10	0.530	19.590	6955.52	54.57	16.16	-53.12	646086.51	589966.31	32°37'15.689"N	103°51'31.878"W	0.14	
7050.40	0.660	38.850	7049.81	54.18	17.00	-52.63	646086.99	589967.14	32°37'15.697"N	103°51'31.872"W	0.25	
7144.80	0.650	40.790	7144.21	53.58	17.82	-51.94	646087.68	589967.97	32°37'15.705"N	103°51'31.864"W	0.03	
7239.10	0.990	53.140	7238.50	52.68	18.72	-50.94	646088.68	589968.87	32°37'15.714"N	103°51'31.852"W	0.40	
7333.50	1.300	55.010	7332.88	51.28	19.82	-49.41	646090.21	589969.97	32°37'15.725"N	103°51'31.834"W	0.33	
7427.80	1.630	48.600	7427.15	49.58	21.32	-47.53	646092.10	589971.47	32°37'15.740"N	103°51'31.812"W	0.39	
7522.20	1.280	39.270	7521.52	48.10	23.03	-45.85	646093.77	589973.17	32°37'15.757"N	103°51'31.793"W	0.45	
7616.50	1.160	351.060	7615.80	47.78	24.78	-45.33	646094.29	589974.93	32°37'15.774"N	103°51'31.786"W	1.06	
7710.90	1.200	341.480	7710.18	48.44	26.67	-45.80	646093.83	589976.81	32°37'15.793"N	103°51'31.792"W	0.21	
7805.20	1.020	22.950	7804.46	48.62	28.37	-45.78	646093.84	589978.52	32°37'15.810"N	103°51'31.791"W	0.85	
7899.60	1.250	38.370	7898.84	47.83	29.96	-44.82	646094.81	589980.10	32°37'15.825"N	103°51'31.780"W	0.40	
7993.90	1.320	38.240	7993.12	46.71	31.61	-43.50	646096.12	589981.76	32°37'15.842"N	103°51'31.765"W	0.07	
8088.30	1.390	62.050	8087.49	45.19	33.01	-41.82	646097.80	589983.15	32°37'15.855"N	103°51'31.745"W	0.60	
8182.60	1.580	73.180	8181.76	43.05	33.92	-39.57	646100.06	589984.07	32°37'15.864"N	103°51'31.718"W	0.37	
8277.00	1.470	87.280	8276.13	40.65	34.35	-37.11	646102.51	589984.50	32°37'15.868"N	103°51'31.690"W	0.41	
8371.30	1.450	92.390	8370.40	38.27	34.36	-34.71	646104.91	589984.51	32°37'15.868"N	103°51'31.662"W	0.14	
8465.70	1.560	95.080	8464.77	35.79	34.20	-32.24	646107.39	589984.34	32°37'15.867"N	103°51'31.633"W	0.14	
8560.00	1.600	90.720	8559.03	33.20	34.07	-29.64	646109.98	589984.21	32°37'15.865"N	103°51'31.602"W	0.13	



Actual Wellpath Report

No.265H AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	BOPCO, L.P.	Slot	No.265H SHL
Area	Eddy County, NM	Well	No.265H
Field	Big Eddy	Wellbore	No.265H AWB
Facility	Big Eddy Unit No.265H		

WELLPATH DATA (176 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
8654.40	1.430	81.580	8653.40	30.75	34.22	-27.16	646112.46	589984.37	32°37'15.867"N	103°51'31.573"W	0.31	
8748.70	1.480	80.980	8747.67	28.44	34.58	-24.79	646114.83	589984.73	32°37'15.870"N	103°51'31.546"W	0.06	
8843.10	1.260	85.360	8842.04	26.24	34.86	-22.55	646117.07	589985.01	32°37'15.873"N	103°51'31.520"W	0.26	
8937.40	1.190	93.010	8936.32	24.25	34.89	-20.54	646119.08	589985.04	32°37'15.873"N	103°51'31.496"W	0.19	
9031.80	0.680	103.260	9030.71	22.71	34.71	-19.02	646120.60	589984.86	32°37'15.871"N	103°51'31.478"W	0.57	
9126.10	0.320	108.510	9125.00	21.90	34.50	-18.22	646121.40	589984.65	32°37'15.869"N	103°51'31.469"W	0.38	
9220.50	0.260	125.360	9219.40	21.45	34.29	-17.80	646121.82	589984.44	32°37'15.867"N	103°51'31.464"W	0.11	
9314.80	0.450	149.600	9313.70	21.04	33.85	-17.44	646122.18	589984.00	32°37'15.863"N	103°51'31.460"W	0.25	
9409.20	0.340	185.650	9408.10	20.82	33.25	-17.28	646122.34	589983.40	32°37'15.857"N	103°51'31.458"W	0.28	
9503.50	0.450	270.120	9502.40	21.19	32.97	-17.68	646121.95	589983.12	32°37'15.854"N	103°51'31.463"W	0.57	
9535.00	0.600	280.750	9533.89	21.47	33.00	-17.96	646121.66	589983.15	32°37'15.854"N	103°51'31.466"W	0.57	
9597.90	0.900	288.400	9596.79	22.28	33.22	-18.75	646120.87	589983.37	32°37'15.856"N	103°51'31.475"W	0.50	
9692.20	0.990	286.270	9691.08	23.81	33.68	-20.24	646119.38	589983.83	32°37'15.861"N	103°51'31.493"W	0.10	
9786.60	0.910	296.900	9785.46	25.32	34.25	-21.69	646117.93	589984.40	32°37'15.867"N	103°51'31.509"W	0.20	
9880.90	0.960	291.690	9879.75	26.78	34.88	-23.09	646116.53	589985.03	32°37'15.873"N	103°51'31.526"W	0.10	
9975.30	0.960	284.860	9974.14	28.32	35.38	-24.59	646115.03	589985.52	32°37'15.878"N	103°51'31.543"W	0.12	
10069.60	1.010	287.510	10068.42	29.92	35.83	-26.15	646113.48	589985.98	32°37'15.883"N	103°51'31.562"W	0.07	
10164.00	1.090	283.900	10162.81	31.62	36.30	-27.81	646111.81	589986.44	32°37'15.887"N	103°51'31.581"W	0.11	
10258.30	1.180	269.050	10257.09	33.48	36.50	-29.65	646109.97	589986.64	32°37'15.889"N	103°51'31.602"W	0.33	
10352.70	1.560	265.480	10351.46	35.70	36.38	-31.91	646107.72	589986.53	32°37'15.888"N	103°51'31.629"W	0.41	
10447.00	1.320	267.090	10445.73	38.04	36.22	-34.27	646105.35	589986.37	32°37'15.887"N	103°51'31.656"W	0.26	
10541.00	0.700	258.300	10539.72	39.65	36.05	-35.91	646103.71	589986.20	32°37'15.885"N	103°51'31.676"W	0.68	
10573.00	2.800	265.400	10571.70	40.60	35.95	-36.88	646102.74	589986.10	32°37'15.884"N	103°51'31.687"W	6.58	
10604.00	7.400	268.700	10602.57	43.33	35.84	-39.64	646099.99	589985.99	32°37'15.883"N	103°51'31.719"W	14.86	
10635.00	12.000	262.200	10633.12	48.44	35.36	-44.83	646094.79	589985.51	32°37'15.879"N	103°51'31.780"W	15.23	
10667.00	13.600	262.600	10664.32	55.32	34.42	-51.86	646087.77	589984.57	32°37'15.870"N	103°51'31.862"W	5.01	
10698.00	14.000	272.000	10694.43	62.60	34.08	-59.22	646080.41	589984.23	32°37'15.867"N	103°51'31.948"W	7.34	
10730.00	17.300	281.900	10725.25	71.20	35.20	-67.75	646071.88	589985.35	32°37'15.878"N	103°51'32.048"W	13.23	
10761.00	21.000	288.200	10754.53	81.23	37.89	-77.54	646062.09	589988.04	32°37'15.905"N	103°51'32.162"W	13.66	
10793.00	24.300	288.400	10784.06	93.28	41.76	-89.24	646050.39	589991.91	32°37'15.944"N	103°51'32.299"W	10.32	
10825.00	28.200	286.300	10812.75	107.17	45.96	-102.75	646036.88	589996.11	32°37'15.986"N	103°51'32.457"W	12.53	
10856.00	30.900	281.800	10839.72	122.31	49.64	-117.57	646022.06	589999.79	32°37'16.023"N	103°51'32.630"W	11.27	
10888.00	34.700	280.100	10866.61	139.58	52.92	-134.59	646005.04	590003.07	32°37'16.056"N	103°51'32.828"W	12.22	
10919.00	38.500	278.300	10891.50	158.04	55.86	-152.83	645986.80	590006.01	32°37'16.086"N	103°51'33.042"W	12.74	
10951.00	42.500	277.500	10915.83	178.81	58.71	-173.41	645966.22	590008.86	32°37'16.115"N	103°51'33.282"W	12.60	
10983.00	46.300	275.800	10938.69	201.19	61.30	-195.65	645943.99	590011.44	32°37'16.142"N	103°51'33.542"W	12.44	
11015.00	49.900	274.500	10960.05	225.00	63.43	-219.36	645920.27	590013.57	32°37'16.164"N	103°51'33.819"W	11.65	
11046.00	54.300	273.400	10979.09	249.43	65.10	-243.76	645895.87	590015.25	32°37'16.182"N	103°51'34.104"W	14.47	
11077.00	58.900	273.900	10996.15	275.28	66.75	-269.58	645870.06	590016.90	32°37'16.199"N	103°51'34.406"W	14.90	
11109.00	62.300	274.700	11011.86	303.14	68.85	-297.38	645842.26	590018.99	32°37'16.221"N	103°51'34.731"W	10.85	
11141.00	65.000	274.500	11026.06	331.79	71.15	-325.96	645813.68	590021.29	32°37'16.245"N	103°51'35.065"W	8.46	
11172.00	67.800	274.300	11038.47	360.18	73.32	-354.28	645785.37	590023.47	32°37'16.268"N	103°51'35.396"W	9.05	
11204.00	73.500	274.600	11049.07	390.35	75.67	-384.37	645755.28	590025.81	32°37'16.292"N	103°51'35.748"W	17.83	
11235.00	79.500	273.600	11056.30	420.46	77.82	-414.42	645725.23	590027.96	32°37'16.315"N	103°51'36.099"W	19.61	
11267.00	81.300	274.000	11061.64	451.98	79.91	-445.90	645693.75	590030.05	32°37'16.337"N	103°51'36.467"W	5.76	



Actual Wellpath Report

No.265H AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	BOPCO, L.P.	Slot	No.265H SHL
Area	Eddy County, NM	Well	No.265H
Field	Big Eddy	Wellbore	No.265H AWB
Facility	Big Eddy Unit No.265H		

WELLPATH DATA (176 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
11300.00	83.900	272.800	11065.89	484.66	81.85	-478.57	645661.09	590031.99	32°37'16.358"N	103°51'36.849"W	8.66	
11332.00	86.500	276.700	11068.57	516.52	84.49	-510.33	645629.32	590034.64	32°37'16.385"N	103°51'37.220"W	14.61	
11363.00	89.200	276.900	11069.73	547.50	88.16	-541.09	645598.57	590038.30	32°37'16.423"N	103°51'37.579"W	8.73	
11427.00	89.000	277.200	11070.74	611.48	96.01	-604.60	645535.06	590046.16	32°37'16.504"N	103°51'38.321"W	0.56	
11490.00	89.100	277.400	11071.78	674.46	104.02	-667.08	645472.58	590054.16	32°37'16.585"N	103°51'39.051"W	0.35	
11585.00	89.300	277.400	11073.11	769.44	116.25	-761.28	645378.39	590066.39	32°37'16.711"N	103°51'40.152"W	0.21	
11680.00	89.600	278.000	11074.02	864.40	128.98	-855.42	645284.26	590079.12	32°37'16.841"N	103°51'41.252"W	0.71	
11775.00	91.400	276.900	11073.19	959.38	141.30	-949.61	645190.08	590091.44	32°37'16.967"N	103°51'42.353"W	2.22	
11870.00	91.400	277.200	11070.87	1054.34	152.95	-1043.86	645095.83	590103.09	32°37'17.086"N	103°51'43.454"W	0.32	
11966.00	91.300	277.600	11068.61	1150.30	165.31	-1139.04	645000.66	590115.45	32°37'17.213"N	103°51'44.566"W	0.43	
12061.00	89.800	276.100	11067.70	1245.28	176.64	-1233.35	644906.36	590126.78	32°37'17.329"N	103°51'45.668"W	2.23	
12156.00	89.500	275.900	11068.28	1340.28	186.57	-1327.83	644811.89	590136.71	32°37'17.431"N	103°51'46.772"W	0.38	
12251.00	89.600	274.900	11069.02	1435.26	195.51	-1422.40	644717.32	590145.65	32°37'17.524"N	103°51'47.877"W	1.06	
12346.00	89.400	275.500	11069.85	1530.24	204.12	-1517.00	644622.72	590154.26	32°37'17.613"N	103°51'48.983"W	0.67	
12442.00	89.100	275.600	11071.11	1626.22	213.41	-1612.55	644527.18	590163.54	32°37'17.709"N	103°51'50.100"W	0.33	
12537.00	89.900	276.200	11071.94	1721.22	223.17	-1707.04	644432.70	590173.31	32°37'17.810"N	103°51'51.204"W	1.05	
12632.00	89.500	275.700	11072.43	1816.21	233.02	-1801.52	644338.22	590183.15	32°37'17.912"N	103°51'52.308"W	0.67	
12727.00	89.400	274.100	11073.35	1911.18	241.13	-1896.17	644243.58	590191.27	32°37'17.996"N	103°51'53.414"W	1.69	
12823.00	89.500	274.300	11074.27	2007.11	248.16	-1991.91	644147.85	590198.30	32°37'18.070"N	103°51'54.533"W	0.23	
12917.00	89.800	274.600	11074.84	2101.06	255.46	-2085.62	644054.14	590205.59	32°37'18.146"N	103°51'55.628"W	0.45	
13012.00	93.400	276.300	11072.19	2195.99	264.47	-2180.14	643959.63	590214.60	32°37'18.239"N	103°51'56.733"W	4.19	
13107.00	93.700	276.800	11066.31	2290.81	275.29	-2274.34	643865.44	590225.42	32°37'18.350"N	103°51'57.834"W	0.61	
13203.00	92.700	275.400	11060.95	2386.65	285.47	-2369.64	643770.14	590235.60	32°37'18.455"N	103°51'58.947"W	1.79	
13298.00	93.400	275.800	11055.89	2481.51	294.73	-2464.05	643675.74	590244.86	32°37'18.551"N	103°52'00.051"W	0.85	
13393.00	93.000	274.800	11050.59	2576.35	303.49	-2558.50	643581.30	590253.62	32°37'18.642"N	103°52'01.155"W	1.13	
13488.00	92.000	273.400	11046.45	2671.18	310.28	-2653.16	643486.64	590260.40	32°37'18.713"N	103°52'02.261"W	1.81	
13582.00	92.500	274.000	11042.76	2765.01	316.34	-2746.89	643392.92	590266.47	32°37'18.777"N	103°52'03.356"W	0.83	
13678.00	91.500	273.700	11039.41	2860.87	322.78	-2842.61	643297.20	590272.91	32°37'18.845"N	103°52'04.475"W	1.09	
13773.00	90.300	273.900	11037.91	2955.76	329.07	-2937.39	643202.43	590279.20	32°37'18.911"N	103°52'05.583"W	1.28	
13866.00	91.500	274.800	11036.45	3048.70	336.13	-3030.11	643109.72	590286.25	32°37'18.985"N	103°52'06.667"W	1.61	
13961.00	90.000	275.500	11035.21	3143.66	344.65	-3124.71	643015.12	590294.78	32°37'19.074"N	103°52'07.772"W	1.74	
14056.00	88.500	275.700	11036.45	3238.65	353.92	-3219.25	642920.59	590304.05	32°37'19.169"N	103°52'08.877"W	1.59	
14151.00	88.400	275.900	11039.02	3333.61	363.52	-3313.73	642826.12	590313.64	32°37'19.269"N	103°52'09.981"W	0.24	
14246.00	88.400	276.100	11041.67	3428.57	373.45	-3408.17	642731.68	590323.57	32°37'19.371"N	103°52'11.085"W	0.21	
14341.00	88.600	276.400	11044.16	3523.54	383.78	-3502.58	642637.28	590333.91	32°37'19.477"N	103°52'12.188"W	0.38	
14436.00	88.800	276.300	11046.32	3618.51	394.29	-3596.97	642542.90	590344.41	32°37'19.585"N	103°52'13.291"W	0.24	
14531.00	89.000	276.800	11048.14	3713.49	405.12	-3691.33	642448.54	590355.25	32°37'19.696"N	103°52'14.394"W	0.57	
14626.00	89.500	277.300	11049.38	3808.48	416.78	-3785.60	642354.28	590366.90	32°37'19.816"N	103°52'15.495"W	0.74	
14721.00	89.900	278.000	11049.88	3903.45	429.43	-3879.76	642260.13	590379.55	32°37'19.945"N	103°52'16.596"W	0.85	
14747.00	89.600	277.800	11049.99	3929.44	433.00	-3905.51	642234.38	590383.12	32°37'19.982"N	103°52'16.897"W	1.39	
14813.00	89.600	277.800	11050.46	3995.41	441.96	-3970.90	642169.00	590392.08	32°37'20.073"N	103°52'17.661"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.265H PBHL		11062.00	437.25	-3962.48	642177.41	590387.37	32°37'20.026"N	103°52'17.562"W	point

WELLPATH COMPOSITION - Ref Wellbore: No.265H AWB Ref Wellpath: No.265H AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	10447.00	Generic gyro - northseeking (Standard)	GyroData Gyro <100-10447>	No.265H AWB
10447.00	14747.00	NaviTrak (Standard)	BHI MWD NaviTrak <10541-14747	No.265H AWB
14747.00	14813.00	Blind Drilling (std)	Projection to bit	No.265H AWB