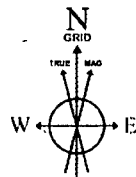
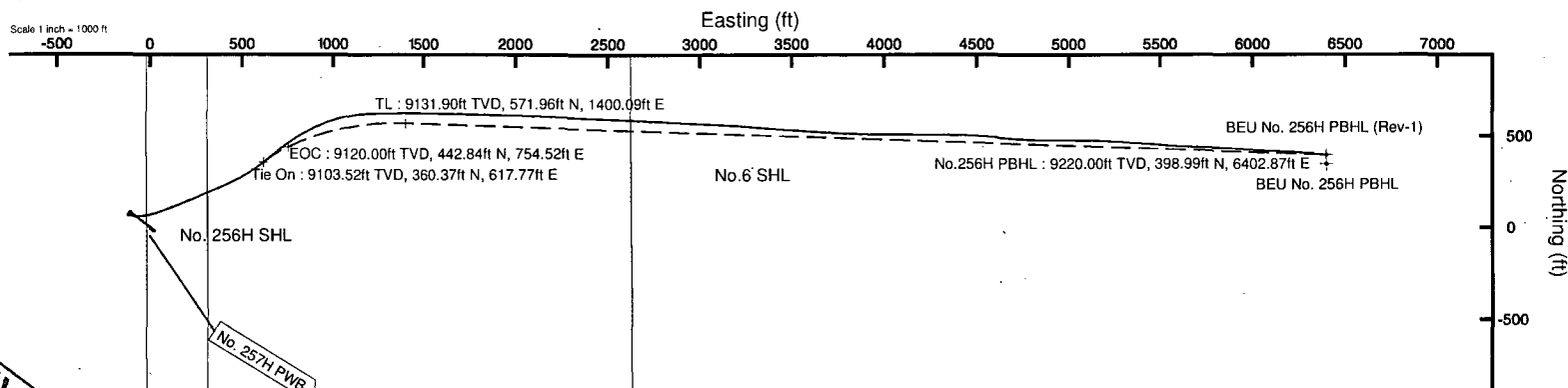




BOPCO, L.P.

Location: Eddy County, NM
Field: Big Eddy
Facility: Big Eddy Unit No.256H & No.257H

Slot: No. 256H SHL
Well: No. 256H
Wellbore: No. 256H PWB



BGGM (1945.0 to 2014.0) Dip: 60.41° Field: 48623.2 nT
Magnetic North is 7.65 degrees East of True North (at 03/04/2013)
Grid North is 0.25 degrees East of True North

To correct azimuth from True to Grid subtract 0.25 degrees
To correct azimuth from Magnetic to Grid add 7.40 degrees

For example: if the Magnetic North Azimuth = 90 degs, then the Grid North Azimuth = 90 + 7.40 = 97.40

Well Profile Data

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	9584.00	79.300	52.300	9103.52	360.37	617.77	0.00	638.98
EOC	9745.08	88.992	65.400	9120.00	442.84	754.52	10.07	780.60
TL	10409.48	88.992	91.980	9131.90	571.96	1400.09	4.00	1432.95
No.256H PBHL	15416.03	88.992	91.980	9220.00	398.99	6402.87	0.00	6415.29

Plot reference wellpath is Rev-G.0

True vertical depths are referenced to Rig on No. 256H SHL (KB)

Grid System: NAD27 / TM New Mexico SP, Eastern Zone (3001), US feet

Measured depths are referenced to Rig on No. 256H SHL (KB)

North Reference: Grid north

Rig on No. 256H SHL (KB) to Mean Sea Level: 3486 feet

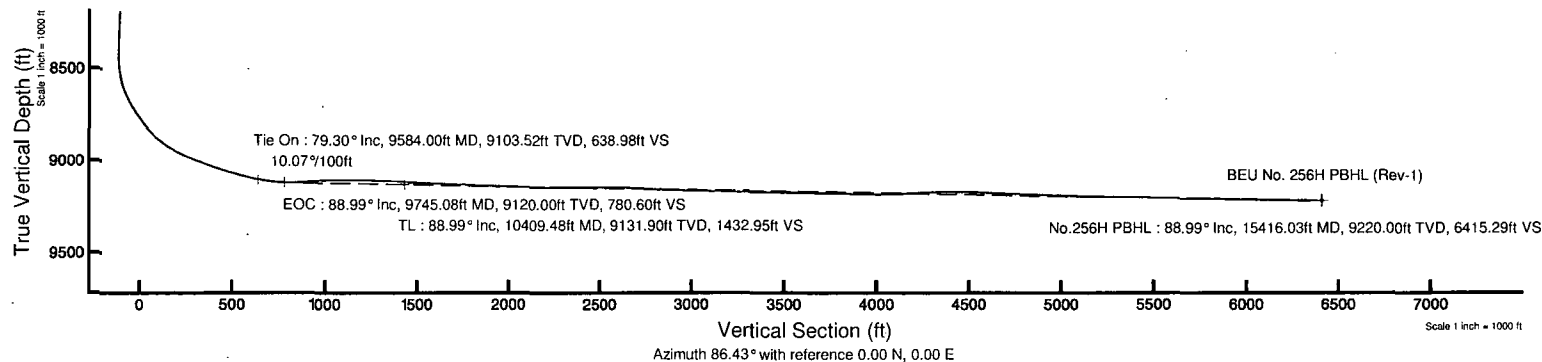
Scale: True distance

Mean Sea Level to Mud line (At Slot: No. 256H SHL): -3456 feet

Depths are in feet

Coordinates are in feet referenced to Slot

Created by: gentibry on 08/07/2013



Rev-G.0

15416.57



Actual Wellpath Report

No.256H AWP

Page 1 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	BOPCO, L.P.	Slot	No. 256H SHL
Area	Eddy County, NM	Well	No. 256H
Field	Big Eddy	Wellbore	No.256H AWB
Facility	Big Eddy Unit No.256H & No.257H		

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	0.999932	Report Generated	08/19/2013 at 8:37:49 AM
Convergence at slot	0.25° East	Database/Source file	WA Midland/No.256H_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	641547.87	587432.84	32°36'50.817"N	103°52'25.073"W
Facility Reference Pt			641547.87	587432.84	32°36'50.817"N	103°52'25.073"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. 256H SHL (KB) to Facility Vertical Datum	30.00ft
Horizontal Reference Pt	Slot	Rig on No. 256H SHL (KB) to Mean Sea Level	3486.00ft
Vertical Reference Pt	Rig on No. 256H SHL (KB)	Rig on No. 256H SHL (KB) to Mud Line at Slot (No. 256H SHL)	30.00ft
MD Reference Pt	Rig on No. 256H SHL (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	86.43°



Actual Wellpath Report

No.256H AWP

Page 2 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	BOPCO, L.P.	Slot	No. 256H SHL
Area	Eddy County, NM	Well	No. 256H
Field	Big Eddy	Wellbore	No.256H AWB
Facility	Big Eddy Unit No.256H & No.257H		

WELLPATH DATA (411 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	92.910	0.00	0.00	0.00	0.00	641547.87	587432.84	32°36'50.817"N	103°52'25.073"W	0.00	
100.00	0.610	92.910	100.00	0.53	-0.03	0.53	641548.40	587432.81	32°36'50.816"N	103°52'25.066"W	0.61	
200.00	0.850	85.850	199.99	1.80	0.00	1.80	641549.67	587432.84	32°36'50.817"N	103°52'25.052"W	0.26	
300.00	0.660	98.180	299.98	3.11	-0.03	3.11	641550.98	587432.81	32°36'50.816"N	103°52'25.036"W	0.25	
400.00	1.070	121.690	399.97	4.43	-0.60	4.48	641552.35	587432.24	32°36'50.811"N	103°52'25.020"W	0.53	
500.00	1.290	135.540	499.95	5.93	-1.89	6.06	641553.93	587430.95	32°36'50.798"N	103°52'25.002"W	0.36	
550.67	1.660	128.640	550.60	6.85	-2.76	7.03	641554.90	587430.08	32°36'50.789"N	103°52'24.991"W	0.81	
645.32	1.620	136.470	645.21	8.72	-4.59	9.03	641556.89	587428.25	32°36'50.771"N	103°52'24.967"W	0.24	
739.97	1.630	141.920	739.83	10.34	-6.62	10.78	641558.65	587426.22	32°36'50.751"N	103°52'24.947"W	0.16	
834.62	1.670	139.570	834.44	11.93	-8.73	12.50	641560.37	587424.12	32°36'50.730"N	103°52'24.927"W	0.08	
929.27	1.750	141.040	929.04	13.60	-10.90	14.31	641562.17	587421.94	32°36'50.708"N	103°52'24.906"W	0.10	
1023.92	1.600	138.030	1023.65	15.26	-13.01	16.10	641563.97	587419.84	32°36'50.687"N	103°52'24.885"W	0.18	
1118.57	0.730	111.160	1118.28	16.63	-14.21	17.54	641565.41	587418.64	32°36'50.675"N	103°52'24.868"W	1.06	
1213.22	0.610	101.390	1212.93	17.66	-14.52	18.60	641566.47	587418.32	32°36'50.672"N	103°52'24.856"W	0.17	
1307.87	0.600	114.110	1307.57	18.59	-14.82	19.55	641567.41	587418.02	32°36'50.669"N	103°52'24.845"W	0.14	
1402.52	0.530	126.340	1402.22	19.36	-15.29	20.35	641568.22	587417.55	32°36'50.665"N	103°52'24.836"W	0.15	
1497.17	0.490	120.160	1496.86	20.03	-15.75	21.05	641568.92	587417.09	32°36'50.660"N	103°52'24.827"W	0.07	
1591.82	0.290	105.960	1591.51	20.60	-16.02	21.63	641569.50	587416.82	32°36'50.657"N	103°52'24.821"W	0.23	
1686.47	0.320	97.980	1686.16	21.08	-16.12	22.13	641569.99	587416.72	32°36'50.656"N	103°52'24.815"W	0.05	
1781.12	0.300	99.950	1780.81	21.58	-16.20	22.63	641570.50	587416.64	32°36'50.655"N	103°52'24.809"W	0.02	
1875.77	0.340	76.850	1875.46	22.10	-16.18	23.15	641571.02	587416.66	32°36'50.656"N	103°52'24.803"W	0.14	
1970.42	0.370	71.600	1970.11	22.67	-16.02	23.71	641571.58	587416.82	32°36'50.657"N	103°52'24.796"W	0.05	
2065.07	0.400	71.610	2064.75	23.29	-15.82	24.32	641572.18	587417.02	32°36'50.659"N	103°52'24.789"W	0.03	
2159.72	0.420	59.660	2159.40	23.91	-15.54	24.93	641572.80	587417.30	32°36'50.662"N	103°52'24.782"W	0.09	
2254.37	0.350	50.830	2254.05	24.46	-15.18	25.45	641573.32	587417.66	32°36'50.665"N	103°52'24.776"W	0.10	
2349.02	0.270	23.070	2348.70	24.79	-14.79	25.76	641573.63	587418.05	32°36'50.669"N	103°52'24.772"W	0.18	
2443.67	0.290	6.330	2443.35	24.94	-14.35	25.88	641573.75	587418.49	32°36'50.674"N	103°52'24.771"W	0.09	
2538.32	0.320	20.790	2538.00	25.09	-13.86	26.00	641573.87	587418.98	32°36'50.678"N	103°52'24.769"W	0.09	
2632.97	0.310	1.880	2632.64	25.22	-13.36	26.10	641573.97	587419.48	32°36'50.683"N	103°52'24.768"W	0.11	
2727.62	0.520	349.780	2727.29	25.19	-12.68	26.03	641573.90	587420.16	32°36'50.690"N	103°52'24.769"W	0.24	
2822.27	0.830	351.030	2821.93	25.08	-11.58	25.85	641573.72	587421.26	32°36'50.701"N	103°52'24.771"W	0.33	
2916.92	0.960	349.240	2916.57	24.91	-10.13	25.59	641573.46	587422.71	32°36'50.715"N	103°52'24.774"W	0.14	
3011.57	0.750	328.370	3011.21	24.52	-8.82	25.12	641572.99	587424.02	32°36'50.728"N	103°52'24.779"W	0.39	
3106.22	1.400	304.700	3105.85	23.32	-7.64	23.85	641571.71	587425.21	32°36'50.740"N	103°52'24.794"W	0.82	
3200.87	2.450	293.150	3200.44	20.61	-6.18	21.04	641568.90	587426.66	32°36'50.755"N	103°52'24.827"W	1.18	
3295.52	2.500	293.090	3295.00	16.96	-4.58	17.28	641565.14	587428.26	32°36'50.771"N	103°52'24.871"W	0.05	
3390.17	2.770	307.580	3389.55	13.39	-2.37	13.56	641561.43	587430.47	32°36'50.793"N	103°52'24.914"W	0.76	
3484.82	2.970	314.380	3484.09	10.03	0.74	10.00	641557.87	587433.58	32°36'50.824"N	103°52'24.956"W	0.42	
3579.47	2.920	309.880	3578.61	6.63	4.00	6.40	641554.27	587436.84	32°36'50.856"N	103°52'24.998"W	0.25	
3674.12	3.030	307.660	3673.13	3.00	7.07	2.57	641550.44	587439.91	32°36'50.887"N	103°52'25.042"W	0.17	
3768.77	3.410	305.100	3767.63	-1.08	10.22	-1.72	641546.15	587443.06	32°36'50.918"N	103°52'25.092"W	0.43	
3863.42	3.580	305.540	3862.11	-5.57	13.56	-6.42	641541.45	587446.39	32°36'50.951"N	103°52'25.147"W	0.18	
3958.07	4.050	310.860	3956.55	-10.25	17.46	-11.36	641536.51	587450.30	32°36'50.990"N	103°52'25.205"W	0.62	
4052.72	4.770	307.990	4050.92	-15.58	22.07	-16.99	641530.88	587454.91	32°36'51.036"N	103°52'25.270"W	0.80	
4147.37	5.170	304.600	4145.21	-21.88	26.91	-23.60	641524.27	587459.75	32°36'51.084"N	103°52'25.347"W	1.52	



Actual Wellpath Report

No.256H AWP

Page 3 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	BOPCO, L.P.	Slot	No. 256H SHL
Area	Eddy County, NM	Well	No. 256H
Field	Big Eddy	Wellbore	No.256H AWB
Facility	Big Eddy Unit No.256H & No.257H		

WELLPATH DATA (411 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
4242.02	4.800	304.780	4239.50	-28.34	31.59	-30.36	641517.51	587464.43	32°36'51.131"N	103°52'25.426"W	0.39	
4336.67	4.480	319.380	4333.85	-33.67	36.66	-36.02	641511.85	587469.50	32°36'51.181"N	103°52'25.492"W	1.29	
4431.32	4.000	300.850	4428.24	-38.62	41.16	-41.26	641506.61	587473.99	32°36'51.226"N	103°52'25.553"W	1.53	
4525.97	3.660	302.510	4522.68	-43.79	44.47	-46.64	641501.23	587477.31	32°36'51.259"N	103°52'25.616"W	0.38	
4620.62	3.570	302.530	4617.14	-48.61	47.68	-51.68	641496.20	587480.52	32°36'51.291"N	103°52'25.674"W	0.10	
4715.27	3.280	303.080	4711.62	-53.16	50.74	-56.43	641491.45	587483.58	32°36'51.321"N	103°52'25.730"W	0.31	
4809.92	3.130	323.050	4806.13	-56.76	54.29	-60.25	641487.62	587487.12	32°36'51.356"N	103°52'25.774"W	1.18	
4904.57	2.820	334.480	4900.65	-59.05	58.45	-62.81	641485.07	587491.29	32°36'51.398"N	103°52'25.804"W	0.71	
4999.22	2.660	302.560	4995.20	-61.70	61.74	-65.66	641482.21	587494.57	32°36'51.430"N	103°52'25.837"W	1.60	
5093.87	2.510	306.540	5089.75	-65.05	64.15	-69.18	641478.70	587496.99	32°36'51.454"N	103°52'25.878"W	0.25	
5188.52	2.380	303.460	5184.31	-68.21	66.47	-72.48	641475.39	587499.31	32°36'51.477"N	103°52'25.917"W	0.20	
5283.17	2.170	303.050	5278.89	-71.22	68.53	-75.62	641472.25	587501.37	32°36'51.498"N	103°52'25.953"W	0.22	
5377.82	1.990	303.160	5373.48	-73.97	70.41	-78.50	641469.37	587503.24	32°36'51.517"N	103°52'25.987"W	0.19	
5472.47	1.860	299.990	5468.07	-76.57	72.07	-81.21	641466.67	587504.91	32°36'51.533"N	103°52'26.018"W	0.18	
5567.12	1.780	296.100	5562.68	-79.13	73.49	-83.86	641464.02	587506.32	32°36'51.547"N	103°52'26.049"W	0.16	
5661.77	1.680	299.100	5657.28	-81.57	74.81	-86.39	641461.48	587507.65	32°36'51.561"N	103°52'26.079"W	0.14	
5756.42	1.520	299.250	5751.90	-83.79	76.10	-88.70	641459.18	587508.93	32°36'51.573"N	103°52'26.106"W	0.17	
5851.07	1.330	308.530	5846.52	-85.66	77.40	-90.65	641457.22	587510.23	32°36'51.586"N	103°52'26.129"W	0.32	
5945.72	1.250	309.590	5941.14	-87.23	78.74	-92.31	641455.57	587511.57	32°36'51.600"N	103°52'26.148"W	0.09	
6040.37	1.140	304.270	6035.77	-88.73	79.93	-93.88	641453.99	587512.76	32°36'51.612"N	103°52'26.166"W	0.16	
6135.02	1.030	309.170	6130.41	-90.10	80.99	-95.32	641452.56	587513.83	32°36'51.622"N	103°52'26.183"W	0.15	
6229.67	0.970	304.420	6225.04	-91.35	81.98	-96.64	641451.24	587514.82	32°36'51.632"N	103°52'26.198"W	0.11	
6324.32	0.880	317.940	6319.68	-92.44	82.98	-97.79	641450.09	587515.81	32°36'51.642"N	103°52'26.212"W	0.25	
6418.97	0.800	321.700	6414.32	-93.27	84.04	-98.68	641449.19	587516.87	32°36'51.652"N	103°52'26.222"W	0.10	
6513.62	0.760	321.530	6508.96	-94.00	85.05	-99.48	641448.39	587517.88	32°36'51.662"N	103°52'26.231"W	0.04	
6608.27	0.710	326.900	6603.60	-94.65	86.03	-100.20	641447.68	587518.86	32°36'51.672"N	103°52'26.240"W	0.09	
6702.92	0.530	328.330	6698.25	-95.15	86.89	-100.75	641447.13	587519.73	32°36'51.681"N	103°52'26.246"W	0.19	
6797.57	0.430	298.410	6792.89	-95.65	87.43	-101.29	641446.59	587520.27	32°36'51.686"N	103°52'26.252"W	0.28	
6892.22	0.370	337.760	6887.54	-96.05	87.89	-101.72	641446.16	587520.72	32°36'51.691"N	103°52'26.257"W	0.29	
6986.87	0.510	336.070	6982.19	-96.30	88.55	-102.00	641445.88	587521.39	32°36'51.697"N	103°52'26.261"W	0.15	
7000.00	0.540	343.920	6995.32	-96.33	88.67	-102.04	641445.83	587521.50	32°36'51.698"N	103°52'26.261"W	0.59	
7100.00	0.460	326.810	7095.31	-96.63	89.45	-102.39	641445.48	587522.29	32°36'51.706"N	103°52'26.265"W	0.17	
7200.00	0.470	326.330	7195.31	-97.04	90.13	-102.84	641445.04	587522.97	32°36'51.713"N	103°52'26.270"W	0.01	
7300.00	0.460	309.920	7295.31	-97.53	90.73	-103.38	641444.50	587523.56	32°36'51.719"N	103°52'26.277"W	0.13	
7400.00	0.550	291.350	7395.30	-98.26	91.16	-104.13	641443.75	587524.00	32°36'51.723"N	103°52'26.285"W	0.19	
7500.00	0.500	266.470	7495.30	-99.13	91.31	-105.01	641442.86	587524.14	32°36'51.725"N	103°52'26.296"W	0.23	
7600.00	0.680	244.900	7595.29	-100.12	91.03	-105.99	641441.89	587523.87	32°36'51.722"N	103°52'26.307"W	0.28	
7700.00	0.760	241.090	7695.29	-101.27	90.46	-107.10	641440.77	587523.29	32°36'51.716"N	103°52'26.320"W	0.09	
7800.00	0.900	237.550	7795.28	-102.56	89.72	-108.35	641439.53	587522.55	32°36'51.709"N	103°52'26.335"W	0.15	
7900.00	1.100	231.510	7895.26	-104.03	88.70	-109.76	641438.12	587521.53	32°36'51.699"N	103°52'26.351"W	0.23	
8000.00	1.280	194.260	7995.24	-105.16	87.02	-110.79	641437.09	587519.85	32°36'51.682"N	103°52'26.363"W	0.78	
8005.00	1.310	191.000	8000.24	-105.19	86.91	-110.81	641437.07	587519.74	32°36'51.681"N	103°52'26.364"W	1.59	
8010.00	1.360	188.550	8005.24	-105.22	86.79	-110.83	641437.05	587519.63	32°36'51.680"N	103°52'26.364"W	1.52	
8015.00	1.380	188.350	8010.24	-105.24	86.68	-110.85	641437.03	587519.51	32°36'51.679"N	103°52'26.364"W	0.41	
8020.00	1.380	188.570	8015.24	-105.27	86.56	-110.87	641437.01	587519.39	32°36'51.678"N	103°52'26.364"W	0.11	



Actual Wellpath Report

No.256H AWP

Page 4 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	BOPCO, L.P.	Slot	No. 256H SHL
Area	Eddy County, NM	Well	No. 256H
Field	Big Eddy	Wellbore	No.256H AWB
Facility	Big Eddy Unit No.256H & No.257H		

WELLPATH DATA (411 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
8025.00	1.360	188.840	8020.23	-105.29	86.44	-110.89	641436.99	587519.27	32°36'51.677"N	103°52'26.365"W	0.42	
8030.00	1.370	189.070	8025.23	-105.32	86.32	-110.90	641436.97	587519.16	32°36'51.676"N	103°52'26.365"W	0.23	
8035.00	1.390	189.120	8030.23	-105.35	86.20	-110.92	641436.95	587519.04	32°36'51.674"N	103°52'26.365"W	0.40	
8040.00	1.410	188.780	8035.23	-105.37	86.08	-110.94	641436.94	587518.92	32°36'51.673"N	103°52'26.365"W	0.43	
8045.00	1.420	188.160	8040.23	-105.40	85.96	-110.96	641436.92	587518.79	32°36'51.672"N	103°52'26.365"W	0.37	
8050.00	1.430	187.520	8045.23	-105.42	85.84	-110.98	641436.90	587518.67	32°36'51.671"N	103°52'26.366"W	0.38	
8055.00	1.450	187.490	8050.23	-105.45	85.71	-110.99	641436.88	587518.55	32°36'51.670"N	103°52'26.366"W	0.40	
8060.00	1.480	187.750	8055.22	-105.47	85.59	-111.01	641436.87	587518.42	32°36'51.668"N	103°52'26.366"W	0.61	
8065.00	1.520	188.310	8060.22	-105.50	85.46	-111.03	641436.85	587518.29	32°36'51.667"N	103°52'26.366"W	0.85	
8070.00	1.570	189.420	8065.22	-105.53	85.32	-111.05	641436.83	587518.16	32°36'51.666"N	103°52'26.367"W	1.17	
8075.00	1.570	190.160	8070.22	-105.56	85.19	-111.07	641436.81	587518.02	32°36'51.664"N	103°52'26.367"W	0.41	
8080.00	1.540	190.770	8075.22	-105.59	85.05	-111.10	641436.78	587517.89	32°36'51.663"N	103°52'26.367"W	0.69	
8085.00	1.490	191.200	8080.21	-105.63	84.92	-111.12	641436.76	587517.76	32°36'51.662"N	103°52'26.367"W	1.03	
8090.00	1.500	192.030	8085.21	-105.66	84.80	-111.15	641436.73	587517.63	32°36'51.660"N	103°52'26.368"W	0.48	
8095.00	1.550	193.530	8090.21	-105.70	84.67	-111.18	641436.70	587517.50	32°36'51.659"N	103°52'26.368"W	1.28	
8100.00	1.690	196.230	8095.21	-105.74	84.53	-111.21	641436.66	587517.36	32°36'51.658"N	103°52'26.369"W	3.19	
8105.00	1.800	197.400	8100.21	-105.80	84.38	-111.26	641436.62	587517.22	32°36'51.656"N	103°52'26.369"W	2.31	
8110.00	1.850	197.410	8105.20	-105.85	84.23	-111.31	641436.57	587517.07	32°36'51.655"N	103°52'26.370"W	1.00	
8115.00	1.890	197.690	8110.20	-105.91	84.08	-111.36	641436.52	587516.91	32°36'51.653"N	103°52'26.370"W	0.82	
8120.00	1.990	198.600	8115.20	-105.97	83.92	-111.41	641436.47	587516.75	32°36'51.652"N	103°52'26.371"W	2.09	
8125.00	2.100	200.670	8120.20	-106.04	83.75	-111.47	641436.41	587516.58	32°36'51.650"N	103°52'26.372"W	2.65	
8130.00	2.200	202.400	8125.19	-106.12	83.57	-111.54	641436.34	587516.41	32°36'51.648"N	103°52'26.372"W	2.38	
8135.00	2.300	204.280	8130.19	-106.21	83.39	-111.62	641436.26	587516.23	32°36'51.647"N	103°52'26.373"W	2.49	
8140.00	2.380	205.670	8135.18	-106.31	83.21	-111.70	641436.18	587516.04	32°36'51.645"N	103°52'26.374"W	1.96	
8145.00	2.470	207.500	8140.18	-106.42	83.02	-111.80	641436.08	587515.85	32°36'51.643"N	103°52'26.375"W	2.37	
8150.00	2.520	208.430	8145.17	-106.53	82.83	-111.90	641435.98	587515.66	32°36'51.641"N	103°52'26.377"W	1.29	
8155.00	2.610	210.290	8150.17	-106.65	82.63	-112.01	641435.87	587515.47	32°36'51.639"N	103°52'26.378"W	2.45	
8160.00	2.700	211.780	8155.16	-106.78	82.43	-112.13	641435.75	587515.27	32°36'51.637"N	103°52'26.379"W	2.27	
8165.00	2.790	213.800	8160.16	-106.93	82.23	-112.26	641435.62	587515.07	32°36'51.635"N	103°52'26.381"W	2.64	
8170.00	2.890	215.500	8165.15	-107.08	82.03	-112.40	641435.48	587514.86	32°36'51.633"N	103°52'26.383"W	2.61	
8175.00	3.000	217.140	8170.15	-107.24	81.82	-112.55	641435.33	587514.66	32°36'51.631"N	103°52'26.384"W	2.77	
8180.00	3.100	218.820	8175.14	-107.42	81.61	-112.71	641435.16	587514.45	32°36'51.629"N	103°52'26.386"W	2.68	
8185.00	3.180	220.320	8180.13	-107.61	81.40	-112.89	641434.99	587514.24	32°36'51.627"N	103°52'26.388"W	2.29	
8190.00	3.250	221.700	8185.12	-107.80	81.19	-113.07	641434.81	587514.02	32°36'51.625"N	103°52'26.390"W	2.09	
8195.00	3.290	222.950	8190.12	-108.01	80.98	-113.26	641434.61	587513.81	32°36'51.623"N	103°52'26.393"W	1.64	
8200.00	3.300	223.890	8195.11	-108.22	80.77	-113.46	641434.42	587513.60	32°36'51.621"N	103°52'26.395"W	1.10	
8205.00	3.270	224.010	8200.10	-108.43	80.56	-113.66	641434.22	587513.40	32°36'51.619"N	103°52'26.397"W	0.62	
8210.00	3.210	224.270	8205.09	-108.64	80.36	-113.86	641434.02	587513.20	32°36'51.617"N	103°52'26.400"W	1.24	
8215.00	3.190	224.350	8210.08	-108.85	80.16	-114.05	641433.83	587513.00	32°36'51.615"N	103°52'26.402"W	0.41	
8220.00	3.210	224.450	8215.08	-109.05	79.96	-114.25	641433.63	587512.80	32°36'51.613"N	103°52'26.404"W	0.42	
8225.00	3.230	224.570	8220.07	-109.26	79.76	-114.44	641433.43	587512.60	32°36'51.611"N	103°52'26.407"W	0.42	
8230.00	3.210	224.340	8225.06	-109.47	79.56	-114.64	641433.24	587512.40	32°36'51.609"N	103°52'26.409"W	0.48	
8235.00	3.150	223.440	8230.05	-109.68	79.36	-114.83	641433.04	587512.20	32°36'51.607"N	103°52'26.411"W	1.56	
8240.00	3.150	223.010	8235.04	-109.88	79.16	-115.02	641432.86	587512.00	32°36'51.605"N	103°52'26.413"W	0.47	
8245.00	3.170	223.310	8240.04	-110.08	78.96	-115.21	641432.67	587511.79	32°36'51.603"N	103°52'26.416"W	0.52	



Actual Wellpath Report

No.256H AWP

Page 5 of 11



BAKER HUGHES

REFERENCE WELLPATH IDENTIFICATION

Operator	BOPCO, L.P.	Slot	No. 256H SHL
Area	Eddy County, NM	Well	No. 256H
Field	Big Eddy	Wellbore	No.256H AWB
Facility	Big Eddy Unit No.256H & No.257H		

WELLPATH DATA (411 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
8250.00	3.190	223.470	8245.03	-110.28	78.76	-115.40	641432.48	587511.59	32°36'51.601"N	103°52'26.418"W	0.44	
8255.00	3.180	223.800	8250.02	-110.48	78.56	-115.59	641432.29	587511.39	32°36'51.599"N	103°52'26.420"W	0.42	
8260.00	3.170	224.160	8255.01	-110.69	78.36	-115.78	641432.09	587511.19	32°36'51.597"N	103°52'26.422"W	0.45	
8265.00	3.170	223.930	8260.01	-110.89	78.16	-115.98	641431.90	587510.99	32°36'51.595"N	103°52'26.425"W	0.25	
8270.00	3.170	223.650	8265.00	-111.10	77.96	-116.17	641431.71	587510.79	32°36'51.593"N	103°52'26.427"W	0.31	
8275.00	3.200	223.370	8269.99	-111.30	77.76	-116.36	641431.52	587510.59	32°36'51.591"N	103°52'26.429"W	0.68	
8280.00	3.230	223.130	8274.98	-111.50	77.55	-116.55	641431.33	587510.39	32°36'51.589"N	103°52'26.431"W	0.66	
8285.00	3.260	223.350	8279.97	-111.71	77.35	-116.75	641431.13	587510.18	32°36'51.587"N	103°52'26.434"W	0.65	
8290.00	3.260	223.970	8284.97	-111.92	77.14	-116.94	641430.94	587509.98	32°36'51.585"N	103°52'26.436"W	0.71	
8295.00	3.230	224.200	8289.96	-112.13	76.94	-117.14	641430.74	587509.77	32°36'51.583"N	103°52'26.438"W	0.65	
8300.00	3.180	223.770	8294.95	-112.33	76.74	-117.33	641430.55	587509.57	32°36'51.581"N	103°52'26.440"W	1.11	
8305.00	3.160	223.130	8299.94	-112.54	76.54	-117.52	641430.35	587509.37	32°36'51.579"N	103°52'26.443"W	0.81	
8310.00	3.160	222.940	8304.94	-112.74	76.34	-117.71	641430.17	587509.17	32°36'51.577"N	103°52'26.445"W	0.21	
8315.00	3.160	222.900	8309.93	-112.94	76.13	-117.90	641429.98	587508.97	32°36'51.575"N	103°52'26.447"W	0.04	
8320.00	3.160	223.070	8314.92	-113.14	75.93	-118.09	641429.79	587508.77	32°36'51.573"N	103°52'26.449"W	0.19	
8325.00	3.130	222.930	8319.91	-113.34	75.73	-118.27	641429.60	587508.57	32°36'51.571"N	103°52'26.452"W	0.62	
8330.00	3.100	222.650	8324.91	-113.53	75.53	-118.46	641429.42	587508.37	32°36'51.569"N	103°52'26.454"W	0.67	
8335.00	3.100	222.790	8329.90	-113.73	75.33	-118.64	641429.24	587508.17	32°36'51.567"N	103°52'26.456"W	0.15	
8340.00	3.110	223.070	8334.89	-113.92	75.13	-118.83	641429.05	587507.97	32°36'51.565"N	103°52'26.458"W	0.36	
8345.00	3.100	223.090	8339.88	-114.12	74.94	-119.01	641428.87	587507.77	32°36'51.563"N	103°52'26.460"W	0.20	
8350.00	3.030	222.610	8344.88	-114.31	74.74	-119.19	641428.68	587507.58	32°36'51.561"N	103°52'26.462"W	1.49	
8355.00	2.970	222.070	8349.87	-114.50	74.55	-119.37	641428.51	587507.38	32°36'51.559"N	103°52'26.464"W	1.33	
8360.00	2.940	221.310	8354.86	-114.69	74.36	-119.54	641428.34	587507.19	32°36'51.558"N	103°52'26.466"W	0.99	
8365.00	2.970	220.980	8359.86	-114.87	74.16	-119.71	641428.17	587507.00	32°36'51.556"N	103°52'26.468"W	0.69	
8370.00	2.980	220.600	8364.85	-115.05	73.96	-119.88	641428.00	587506.80	32°36'51.554"N	103°52'26.470"W	0.44	
8375.00	2.940	219.710	8369.84	-115.23	73.77	-120.05	641427.83	587506.60	32°36'51.552"N	103°52'26.472"W	1.22	
8380.00	2.910	217.990	8374.84	-115.40	73.57	-120.21	641427.67	587506.40	32°36'51.550"N	103°52'26.474"W	1.86	
8385.00	2.880	216.400	8379.83	-115.56	73.37	-120.36	641427.52	587506.20	32°36'51.548"N	103°52'26.476"W	1.71	
8390.00	2.790	214.880	8384.82	-115.72	73.17	-120.50	641427.37	587506.00	32°36'51.546"N	103°52'26.478"W	2.35	
8395.00	2.640	212.980	8389.82	-115.86	72.97	-120.64	641427.24	587505.81	32°36'51.544"N	103°52'26.479"W	3.50	
8400.00	2.410	209.570	8394.81	-115.99	72.78	-120.75	641427.13	587505.62	32°36'51.542"N	103°52'26.481"W	5.49	
8405.00	2.280	206.380	8399.81	-116.10	72.60	-120.85	641427.03	587505.44	32°36'51.540"N	103°52'26.482"W	3.68	
8410.00	2.160	201.360	8404.81	-116.19	72.42	-120.92	641426.95	587505.26	32°36'51.538"N	103°52'26.483"W	4.57	
8415.00	2.070	196.700	8409.80	-116.26	72.25	-120.99	641426.89	587505.09	32°36'51.537"N	103°52'26.483"W	3.88	
8420.00	1.950	190.200	8414.80	-116.31	72.08	-121.03	641426.85	587504.92	32°36'51.535"N	103°52'26.484"W	5.15	
8425.00	1.910	182.370	8419.80	-116.34	71.91	-121.04	641426.83	587504.75	32°36'51.533"N	103°52'26.484"W	5.33	
8430.00	1.930	172.950	8424.79	-116.34	71.75	-121.04	641426.84	587504.58	32°36'51.532"N	103°52'26.484"W	6.32	
8435.00	1.970	162.940	8429.79	-116.32	71.58	-121.00	641426.88	587504.42	32°36'51.530"N	103°52'26.484"W	6.85	
8440.00	2.010	152.570	8434.79	-116.26	71.42	-120.94	641426.94	587504.26	32°36'51.529"N	103°52'26.483"W	7.24	
8445.00	2.110	140.530	8439.78	-116.17	71.27	-120.84	641427.04	587504.11	32°36'51.527"N	103°52'26.482"W	8.87	
8450.00	2.260	130.470	8444.78	-116.05	71.14	-120.70	641427.17	587503.97	32°36'51.526"N	103°52'26.480"W	8.22	
8455.00	2.530	120.020	8449.78	-115.88	71.02	-120.53	641427.34	587503.85	32°36'51.525"N	103°52'26.478"W	10.25	
8460.00	2.920	110.970	8454.77	-115.68	70.92	-120.32	641427.56	587503.75	32°36'51.524"N	103°52'26.476"W	11.59	
8465.00	3.220	106.330	8459.76	-115.43	70.83	-120.07	641427.81	587503.67	32°36'51.523"N	103°52'26.473"W	7.79	
8470.00	3.550	102.170	8464.75	-115.15	70.76	-119.78	641428.10	587503.59	32°36'51.522"N	103°52'26.469"W	8.22	



Actual Wellpath Report

No.256H AWP

Page 6 of 11



**BAKER
HUGHES**

REFERENCE WELLPATH IDENTIFICATION			
Operator	BOPCO, L.P.	Slot	No. 256H SHL
Area	Eddy County, NM	Well	No. 256H
Field	Big Eddy	Wellbore	No.256H AWB
Facility	Big Eddy Unit No.256H & No.257H		

WELLPATH DATA (411 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
8475.00	3.900	99.210	8469.74	-114.83	70.70	-119.46	641428.42	587503.53	32°36'51.521"N	103°52'26.466"W	7.98	
8480.00	4.490	95.630	8474.73	-114.47	70.65	-119.10	641428.78	587503.49	32°36'51.521"N	103°52'26.461"W	12.90	
8485.00	5.040	93.700	8479.71	-114.06	70.62	-118.68	641429.19	587503.46	32°36'51.521"N	103°52'26.457"W	11.46	
8490.00	5.430	92.410	8484.69	-113.61	70.60	-118.23	641429.65	587503.43	32°36'51.520"N	103°52'26.451"W	8.15	
8495.00	5.940	91.280	8489.67	-113.12	70.58	-117.73	641430.15	587503.42	32°36'51.520"N	103°52'26.445"W	10.44	
8500.00	6.350	90.520	8494.64	-112.58	70.57	-117.20	641430.68	587503.41	32°36'51.520"N	103°52'26.439"W	8.36	
8505.00	6.660	90.350	8499.61	-112.02	70.57	-116.63	641431.25	587503.40	32°36'51.520"N	103°52'26.433"W	6.21	
8510.00	7.160	90.310	8504.57	-111.42	70.56	-116.03	641431.85	587503.40	32°36'51.520"N	103°52'26.426"W	10.00	
8515.00	7.670	90.910	8509.53	-110.77	70.56	-115.38	641432.49	587503.39	32°36'51.520"N	103°52'26.418"W	10.32	
8520.00	8.210	91.810	8514.48	-110.09	70.54	-114.69	641433.18	587503.38	32°36'51.520"N	103°52'26.410"W	11.08	
8525.00	8.730	92.510	8519.43	-109.35	70.51	-113.96	641433.92	587503.35	32°36'51.519"N	103°52'26.401"W	10.60	
8530.00	9.270	93.100	8524.36	-108.58	70.47	-113.18	641434.70	587503.31	32°36'51.519"N	103°52'26.392"W	10.96	
8535.00	9.800	93.530	8529.30	-107.75	70.43	-112.35	641435.53	587503.26	32°36'51.518"N	103°52'26.383"W	10.70	
8540.00	10.320	93.770	8534.22	-106.89	70.37	-111.48	641436.40	587503.21	32°36'51.518"N	103°52'26.372"W	10.43	
8545.00	10.880	94.080	8539.13	-105.97	70.31	-110.56	641437.32	587503.14	32°36'51.517"N	103°52'26.362"W	11.26	
8550.00	11.370	94.420	8544.04	-105.02	70.24	-109.60	641438.28	587503.07	32°36'51.516"N	103°52'26.350"W	9.89	
8555.00	11.820	94.600	8548.94	-104.02	70.16	-108.60	641439.28	587502.99	32°36'51.516"N	103°52'26.339"W	9.03	
8556.00	11.900	94.780	8549.92	-103.82	70.14	-108.39	641439.49	587502.98	32°36'51.515"N	103°52'26.336"W	8.81	
8560.00	12.580	94.930	8553.82	-102.98	70.07	-107.55	641440.33	587502.90	32°36'51.515"N	103°52'26.326"W	17.02	
8565.00	13.200	95.130	8558.70	-101.88	69.97	-106.44	641441.44	587502.81	32°36'51.514"N	103°52'26.313"W	12.43	
8570.00	13.830	95.580	8563.56	-100.72	69.86	-105.27	641442.60	587502.70	32°36'51.512"N	103°52'26.300"W	12.77	
8575.00	14.520	95.390	8568.41	-99.52	69.74	-104.05	641443.82	587502.58	32°36'51.511"N	103°52'26.286"W	13.83	
8580.00	15.030	95.310	8573.24	-98.26	69.63	-102.78	641445.09	587502.46	32°36'51.510"N	103°52'26.271"W	10.21	
8585.00	15.500	95.440	8578.07	-96.95	69.50	-101.47	641446.40	587502.34	32°36'51.509"N	103°52'26.255"W	9.42	
8590.00	16.210	95.480	8582.88	-95.61	69.37	-100.11	641447.76	587502.21	32°36'51.507"N	103°52'26.240"W	14.20	
8595.00	16.860	95.660	8587.67	-94.20	69.23	-98.70	641449.18	587502.07	32°36'51.506"N	103°52'26.223"W	13.04	
8600.00	17.460	95.900	8592.45	-92.75	69.09	-97.23	641450.65	587501.92	32°36'51.504"N	103°52'26.206"W	12.08	
8605.00	18.120	95.530	8597.21	-91.24	68.93	-95.71	641452.17	587501.77	32°36'51.503"N	103°52'26.188"W	13.39	
8610.00	18.600	95.130	8601.95	-89.68	68.79	-94.14	641453.73	587501.62	32°36'51.501"N	103°52'26.170"W	9.93	
8615.00	19.060	94.960	8606.69	-88.09	68.65	-92.53	641455.34	587501.48	32°36'51.500"N	103°52'26.151"W	9.27	
8620.00	19.730	94.590	8611.40	-86.44	68.51	-90.88	641457.00	587501.34	32°36'51.498"N	103°52'26.132"W	13.62	
8625.00	20.380	94.390	8616.10	-84.75	68.37	-89.17	641458.71	587501.21	32°36'51.497"N	103°52'26.112"W	13.07	
8630.00	21.010	94.280	8620.78	-83.00	68.24	-87.41	641460.47	587501.07	32°36'51.496"N	103°52'26.091"W	12.62	
8635.00	21.620	94.100	8625.43	-81.19	68.11	-85.60	641462.28	587500.94	32°36'51.494"N	103°52'26.070"W	12.27	
8640.00	22.200	93.550	8630.07	-79.34	67.98	-83.73	641464.14	587500.82	32°36'51.493"N	103°52'26.048"W	12.30	
8645.00	22.760	93.060	8634.69	-77.45	67.87	-81.83	641466.05	587500.71	32°36'51.492"N	103°52'26.026"W	11.81	
8650.00	23.270	92.530	8639.29	-75.50	67.78	-79.87	641468.00	587500.61	32°36'51.491"N	103°52'26.003"W	11.01	
8655.00	24.110	91.810	8643.87	-73.50	67.70	-77.87	641470.01	587500.54	32°36'51.490"N	103°52'25.980"W	17.77	
8660.00	24.780	91.470	8648.43	-71.44	67.64	-75.80	641472.08	587500.48	32°36'51.489"N	103°52'25.955"W	13.69	
8665.00	25.380	91.020	8652.95	-69.33	67.60	-73.68	641474.20	587500.43	32°36'51.489"N	103°52'25.931"W	12.59	
8670.00	25.940	90.450	8657.46	-67.17	67.57	-71.51	641476.36	587500.40	32°36'51.488"N	103°52'25.905"W	12.24	
8675.00	26.470	89.780	8661.95	-64.97	67.56	-69.31	641478.57	587500.40	32°36'51.488"N	103°52'25.879"W	12.14	
8680.00	26.940	89.220	8666.41	-62.73	67.58	-67.06	641480.82	587500.42	32°36'51.488"N	103°52'25.853"W	10.66	
8685.00	27.640	88.640	8670.86	-60.44	67.63	-64.77	641483.11	587500.46	32°36'51.489"N	103°52'25.826"W	14.98	
8690.00	28.200	88.080	8675.27	-58.10	67.69	-62.43	641485.45	587500.53	32°36'51.489"N	103°52'25.799"W	12.37	



Actual Wellpath Report

No.256H AWP

Page 7 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	BOPCO, L.P.	Slot	No. 256H SHL
Area	Eddy County, NM	Well	No. 256H
Field	Big Eddy	Wellbore	No.256H AWB
Facility	Big Eddy Unit No.256H & No.257H		

WELLPATH DATA (411 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
8695.00	28.720	87.560	8679.67	-55.71	67.78	-60.05	641487.83	587500.62	32°36'51.490"N	103°52'25.771"W	11.52	
8700.00	29.160	87.220	8684.05	-53.29	67.89	-57.63	641490.25	587500.73	32°36'51.491"N	103°52'25.743"W	9.40	
8705.00	29.440	86.710	8688.41	-50.85	68.02	-55.19	641492.69	587500.86	32°36'51.492"N	103°52'25.714"W	7.50	
8710.00	29.720	86.360	8692.75	-48.38	68.17	-52.72	641495.15	587501.01	32°36'51.493"N	103°52'25.686"W	6.58	
8715.00	30.270	85.880	8697.09	-45.88	68.34	-50.23	641497.65	587501.18	32°36'51.495"N	103°52'25.656"W	-12.00	
8720.00	30.740	85.380	8701.39	-43.34	68.54	-47.70	641500.18	587501.37	32°36'51.497"N	103°52'25.627"W	10.68	
8725.00	31.190	84.880	8705.68	-40.77	68.75	-45.13	641502.74	587501.59	32°36'51.499"N	103°52'25.597"W	10.37	
8730.00	31.590	84.450	8709.95	-38.17	69.00	-42.54	641505.33	587501.83	32°36'51.501"N	103°52'25.566"W	9.17	
8735.00	31.750	84.010	8714.20	-35.54	69.26	-39.93	641507.94	587502.10	32°36'51.504"N	103°52'25.536"W	5.62	
8740.00	31.990	83.570	8718.45	-32.91	69.55	-37.30	641510.57	587502.38	32°36'51.506"N	103°52'25.505"W	6.68	
8745.00	32.460	83.050	8722.68	-30.25	69.86	-34.66	641513.22	587502.69	32°36'51.509"N	103°52'25.474"W	10.91	
8750.00	32.860	82.500	8726.89	-27.55	70.20	-31.98	641515.89	587503.03	32°36'51.513"N	103°52'25.443"W	9.96	
8755.00	33.230	81.950	8731.08	-24.83	70.57	-29.28	641518.59	587503.40	32°36'51.516"N	103°52'25.411"W	9.53	
8760.00	33.650	81.410	8735.25	-22.09	70.96	-26.55	641521.32	587503.80	32°36'51.520"N	103°52'25.379"W	10.29	
8765.00	33.790	81.040	8739.41	-19.32	71.39	-23.81	641524.06	587504.22	32°36'51.524"N	103°52'25.347"W	4.97	
8770.00	33.870	80.700	8743.57	-16.55	71.83	-21.06	641526.81	587504.66	32°36'51.528"N	103°52'25.315"W	4.11	
8775.00	34.180	80.280	8747.71	-13.77	72.29	-18.30	641529.57	587505.13	32°36'51.533"N	103°52'25.283"W	7.78	
8780.00	34.580	79.720	8751.84	-10.96	72.78	-15.52	641532.35	587505.62	32°36'51.537"N	103°52'25.250"W	10.20	
8785.00	35.000	79.240	8755.94	-8.13	73.30	-12.72	641535.15	587506.14	32°36'51.543"N	103°52'25.218"W	10.03	
8790.00	35.450	78.860	8760.03	-5.27	73.85	-9.88	641537.99	587506.69	32°36'51.548"N	103°52'25.184"W	10.01	
8795.00	35.630	78.570	8764.10	-2.39	74.42	-7.03	641540.84	587507.25	32°36'51.553"N	103°52'25.151"W	4.93	
8800.00	35.660	78.170	8768.16	0.49	75.01	-4.18	641543.69	587507.84	32°36'51.559"N	103°52'25.118"W	4.70	
8805.00	35.960	77.700	8772.21	3.39	75.62	-1.32	641546.55	587508.45	32°36'51.565"N	103°52'25.084"W	8.14	
8810.00	36.460	77.210	8776.25	6.30	76.26	1.56	641549.43	587509.09	32°36'51.571"N	103°52'25.051"W	11.55	
8815.00	36.930	76.720	8780.26	9.25	76.93	4.47	641552.34	587509.77	32°36'51.578"N	103°52'25.016"W	11.07	
8820.00	37.320	76.140	8784.24	12.22	77.64	7.41	641555.28	587510.48	32°36'51.585"N	103°52'24.982"W	10.48	
8825.00	37.500	75.590	8788.21	15.21	78.38	10.35	641558.22	587511.22	32°36'51.592"N	103°52'24.948"W	7.59	
8830.00	37.540	75.040	8792.18	18.20	79.16	13.30	641561.17	587511.99	32°36'51.599"N	103°52'24.913"W	6.75	
8835.00	37.760	74.680	8796.14	21.19	79.95	16.25	641564.12	587512.79	32°36'51.607"N	103°52'24.879"W	6.22	
8840.00	38.260	74.210	8800.08	24.20	80.78	19.21	641567.08	587513.61	32°36'51.615"N	103°52'24.844"W	11.55	
8845.00	38.730	73.730	8803.99	27.24	81.64	22.20	641570.07	587514.47	32°36'51.624"N	103°52'24.809"W	11.14	
8850.00	39.240	73.340	8807.88	30.30	82.53	25.22	641573.09	587515.36	32°36'51.632"N	103°52'24.774"W	11.32	
8855.00	39.740	72.990	8811.74	33.40	83.45	28.26	641576.13	587516.29	32°36'51.641"N	103°52'24.738"W	10.95	
8860.00	39.920	72.620	8815.58	36.51	84.40	31.32	641579.19	587517.23	32°36'51.650"N	103°52'24.702"W	5.95	
8865.00	40.240	72.280	8819.40	39.64	85.37	34.39	641582.26	587518.20	32°36'51.660"N	103°52'24.666"W	7.75	
8870.00	40.820	72.050	8823.20	42.78	86.36	37.49	641585.35	587519.20	32°36'51.670"N	103°52'24.630"W	11.98	
8875.00	41.510	71.800	8826.97	45.97	87.39	40.61	641588.48	587520.22	32°36'51.680"N	103°52'24.593"W	14.19	
8880.00	42.180	71.600	8830.69	49.20	88.43	43.78	641591.65	587521.27	32°36'51.690"N	103°52'24.556"W	13.66	
8885.00	42.880	71.350	8834.38	52.46	89.51	46.99	641594.85	587522.34	32°36'51.700"N	103°52'24.519"W	14.40	
8890.00	43.240	71.150	8838.03	55.76	90.60	50.22	641598.09	587523.44	32°36'51.711"N	103°52'24.481"W	7.70	
8895.00	43.540	70.950	8841.66	59.07	91.72	53.47	641601.33	587524.55	32°36'51.722"N	103°52'24.443"W	6.60	
8900.00	44.100	70.740	8845.27	62.40	92.86	56.74	641604.60	587525.69	32°36'51.733"N	103°52'24.405"W	11.57	
8905.00	44.780	70.560	8848.84	65.77	94.02	60.04	641607.91	587526.85	32°36'51.744"N	103°52'24.366"W	13.83	
8910.00	45.430	70.420	8852.37	69.18	95.20	63.38	641611.25	587528.03	32°36'51.756"N	103°52'24.327"W	13.15	
8915.00	46.210	70.230	8855.85	72.62	96.41	66.76	641614.62	587529.24	32°36'51.768"N	103°52'24.287"W	15.84	



Actual Wellpath Report

No.256H AWP

Page 8 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	BOPCO, L.P.	Slot	No. 256H SHL
Area	Eddy County, NM	Well	No. 256H
Field	Big Eddy	Wellbore	No.256H AWB
Facility	Big Eddy Unit No.256H & No.257H		

WELLPATH DATA (411 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
8920.00	46.690	70.040	8859.30	76.10	97.64	70.16	641618.03	587530.47	32°36'51.780"N	103°52'24.247"W	9.99	
8925.00	46.950	69.790	8862.72	79.60	98.89	73.59	641621.45	587531.72	32°36'51.792"N	103°52'24.207"W	6.35	
8930.00	47.430	69.710	8866.12	83.11	100.16	77.03	641624.89	587532.99	32°36'51.804"N	103°52'24.167"W	9.67	
8935.00	48.210	69.640	8869.48	86.66	101.45	80.50	641628.37	587534.28	32°36'51.817"N	103°52'24.126"W	15.63	
8940.00	48.920	69.530	8872.78	90.25	102.75	84.02	641631.88	587535.59	32°36'51.830"N	103°52'24.085"W	14.30	
8945.00	49.680	69.370	8876.05	93.87	104.08	87.57	641635.43	587536.92	32°36'51.843"N	103°52'24.044"W	15.39	
8950.00	50.140	69.200	8879.26	97.53	105.44	91.14	641639.01	587538.27	32°36'51.856"N	103°52'24.002"W	9.56	
8955.00	50.440	69.050	8882.46	101.20	106.81	94.74	641642.60	587539.64	32°36'51.869"N	103°52'23.960"W	6.43	
8960.00	50.940	68.970	8885.63	104.89	108.19	98.35	641646.21	587541.03	32°36'51.883"N	103°52'23.917"W	10.08	
8965.00	51.730	68.890	8888.75	108.61	109.60	101.99	641649.86	587542.43	32°36'51.897"N	103°52'23.875"W	15.85	
8970.00	52.500	68.710	8891.82	112.37	111.02	105.67	641653.54	587543.86	32°36'51.911"N	103°52'23.832"W	15.66	
8975.00	53.290	68.610	8894.84	116.17	112.48	109.39	641657.25	587545.31	32°36'51.925"N	103°52'23.788"W	15.88	
8980.00	53.960	68.540	8897.80	120.00	113.95	113.13	641661.00	587546.78	32°36'51.939"N	103°52'23.744"W	13.45	
8985.00	54.240	68.530	8900.73	123.86	115.43	116.90	641664.77	587548.26	32°36'51.954"N	103°52'23.700"W	5.60	
8990.00	54.620	68.490	8903.64	127.73	116.92	120.69	641668.55	587549.75	32°36'51.968"N	103°52'23.656"W	7.63	
8995.00	55.300	68.400	8906.51	131.62	118.42	124.50	641672.36	587551.25	32°36'51.983"N	103°52'23.611"W	13.68	
9000.00	55.950	68.330	8909.34	135.54	119.94	128.33	641676.19	587552.77	32°36'51.998"N	103°52'23.566"W	13.05	
9005.00	56.600	68.280	8912.11	139.49	121.48	132.20	641680.06	587554.31	32°36'52.013"N	103°52'23.521"W	13.03	
9010.00	57.260	68.290	8914.84	143.48	123.03	136.09	641683.95	587555.86	32°36'52.028"N	103°52'23.475"W	13.20	
9015.00	57.490	68.380	8917.54	147.48	124.59	140.00	641687.86	587557.42	32°36'52.043"N	103°52'23.430"W	4.84	
9020.00	57.630	68.430	8920.22	151.49	126.14	143.93	641691.79	587558.97	32°36'52.059"N	103°52'23.384"W	2.92	
9025.00	58.130	68.450	8922.88	155.52	127.69	147.86	641695.72	587560.53	32°36'52.074"N	103°52'23.338"W	10.01	
9030.00	58.660	68.410	8925.50	159.57	129.26	151.82	641699.68	587562.09	32°36'52.089"N	103°52'23.291"W	10.62	
9035.00	59.150	68.350	8928.08	163.64	130.84	155.80	641703.66	587563.67	32°36'52.105"N	103°52'23.245"W	9.85	
9040.00	59.690	68.320	8930.62	167.73	132.43	159.80	641707.66	587565.26	32°36'52.120"N	103°52'23.198"W	10.81	
9045.00	59.870	68.320	8933.14	171.84	134.02	163.82	641711.68	587566.85	32°36'52.136"N	103°52'23.151"W	3.60	
9050.00	59.830	68.200	8935.65	175.95	135.62	167.84	641715.69	587568.45	32°36'52.151"N	103°52'23.104"W	2.22	
9055.00	60.150	68.170	8938.15	180.06	137.23	171.86	641719.71	587570.06	32°36'52.167"N	103°52'23.057"W	6.42	
9060.00	60.680	68.200	8940.62	184.19	138.85	175.89	641723.75	587571.68	32°36'52.183"N	103°52'23.009"W	10.61	
9065.00	61.100	68.190	8943.05	188.34	140.47	179.95	641727.81	587573.30	32°36'52.199"N	103°52'22.962"W	8.40	
9070.00	61.550	68.130	8945.45	192.50	142.10	184.02	641731.88	587574.93	32°36'52.215"N	103°52'22.914"W	9.06	
9075.00	61.690	68.050	8947.83	196.68	143.75	188.10	641735.96	587576.58	32°36'52.231"N	103°52'22.866"W	3.13	
9080.00	61.560	68.010	8950.21	200.85	145.39	192.18	641740.04	587578.22	32°36'52.247"N	103°52'22.819"W	2.69	
9085.00	61.890	68.030	8952.57	205.03	147.04	196.26	641744.12	587579.87	32°36'52.263"N	103°52'22.771"W	6.61	
9090.00	62.490	68.010	8954.91	209.23	148.69	200.37	641748.22	587581.52	32°36'52.279"N	103°52'22.723"W	12.01	
9095.00	63.050	67.970	8957.19	213.44	150.36	204.49	641752.34	587583.19	32°36'52.296"N	103°52'22.674"W	11.22	
9100.00	63.650	67.910	8959.44	217.68	152.04	208.63	641756.48	587584.87	32°36'52.312"N	103°52'22.626"W	12.05	
9105.00	64.180	67.910	8961.64	221.94	153.73	212.79	641760.64	587586.56	32°36'52.329"N	103°52'22.577"W	10.60	
9110.00	64.400	67.920	8963.80	226.21	155.42	216.96	641764.82	587588.25	32°36'52.345"N	103°52'22.528"W	4.40	
9115.00	64.850	67.920	8965.95	230.49	157.12	221.15	641769.01	587589.95	32°36'52.362"N	103°52'22.479"W	9.00	
9120.00	65.600	67.960	8968.04	234.80	158.82	225.36	641773.21	587591.65	32°36'52.379"N	103°52'22.430"W	15.02	
9125.00	66.260	68.040	8970.08	239.13	160.54	229.59	641777.44	587593.36	32°36'52.395"N	103°52'22.380"W	13.28	
9130.00	67.010	68.160	8972.06	243.49	162.25	233.85	641781.70	587595.08	32°36'52.412"N	103°52'22.331"W	15.16	
9135.00	67.750	68.300	8973.99	247.87	163.96	238.14	641785.99	587596.79	32°36'52.429"N	103°52'22.280"W	15.02	
9140.00	67.780	68.300	8975.88	252.27	165.67	242.44	641790.29	587598.50	32°36'52.446"N	103°52'22.230"W	0.60	



Actual Wellpath Report

No.256H AWP

Page 9 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	BOPCO, L.P.	Slot	No. 256H SHL
Area	Eddy County, NM	Well	No. 256H
Field	Big Eddy	Wellbore	No.256H AWB
Facility	Big Eddy Unit No.256H & No.257H		

WELLPATH DATA (411 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
9144.20	67.800	65.980	8977.47	255.94	167.18	246.02	641793.87	587600.01	32°36'52.460"N	103°52'22.188"W	51.14	
9171.00	69.500	67.200	8987.22	279.42	177.10	268.92	641816.78	587609.92	32°36'52.557"N	103°52'21.920"W	7.63	
9202.00	69.200	67.100	8998.16	306.80	188.36	295.66	641843.51	587621.19	32°36'52.668"N	103°52'21.607"W	1.01	
9233.00	69.600	66.900	9009.06	334.16	199.70	322.37	641870.21	587632.52	32°36'52.779"N	103°52'21.294"W	1.42	
9265.00	69.900	67.200	9020.14	362.48	211.40	350.01	641897.86	587644.23	32°36'52.893"N	103°52'20.970"W	1.29	
9288.00	70.000	67.100	9028.03	382.88	219.79	369.92	641917.77	587652.62	32°36'52.976"N	103°52'20.737"W	0.60	
9334.00	72.700	66.400	9042.73	423.91	237.00	409.96	641957.80	587669.82	32°36'53.144"N	103°52'20.268"W	6.04	
9365.00	73.300	65.300	9051.80	451.66	249.13	437.01	641984.85	587681.95	32°36'53.263"N	103°52'19.951"W	3.91	
9396.00	74.200	63.000	9060.47	479.20	262.11	463.79	642011.63	587694.93	32°36'53.390"N	103°52'19.637"W	7.69	
9428.00	75.100	60.900	9068.95	507.28	276.62	491.02	642038.86	587709.44	32°36'53.533"N	103°52'19.318"W	6.93	
9459.00	75.400	59.200	9076.84	534.13	291.58	517.00	642064.83	587724.40	32°36'53.680"N	103°52'19.014"W	5.39	
9490.00	76.800	57.600	9084.29	560.69	307.35	542.63	642090.46	587740.17	32°36'53.835"N	103°52'18.713"W	6.75	
9521.00	77.600	55.900	9091.15	586.95	323.92	567.91	642115.74	587756.74	32°36'53.997"N	103°52'18.417"W	5.94	
9552.00	78.900	53.600	9097.47	612.78	341.44	592.69	642140.52	587774.26	32°36'54.170"N	103°52'18.127"W	8.39	
9584.00	79.300	52.300	9103.52	638.98	360.37	617.77	642165.59	587793.19	32°36'54.356"N	103°52'17.832"W	4.18	
9614.00	82.200	51.300	9108.34	663.34	378.68	641.03	642188.86	587811.50	32°36'54.536"N	103°52'17.559"W	10.21	
9646.00	84.300	50.600	9112.10	689.22	398.70	665.71	642213.53	587831.51	32°36'54.733"N	103°52'17.270"W	6.91	
9678.00	84.300	52.100	9115.28	715.27	418.59	690.58	642238.40	587851.40	32°36'54.929"N	103°52'16.978"W	4.66	
9709.00	85.100	53.900	9118.14	741.03	437.16	715.23	642263.05	587869.97	32°36'55.112"N	103°52'16.689"W	6.33	
9740.00	87.000	54.400	9120.28	767.17	455.28	740.29	642288.11	587888.08	32°36'55.290"N	103°52'16.395"W	6.34	
9771.00	89.200	55.600	9121.31	793.61	473.04	765.67	642313.49	587905.85	32°36'55.464"N	103°52'16.098"W	8.08	
9803.00	90.500	58.100	9121.39	821.43	490.54	792.46	642340.27	587923.35	32°36'55.636"N	103°52'15.783"W	8.81	
9834.00	92.500	59.800	9120.58	848.92	506.52	819.01	642366.82	587939.33	32°36'55.793"N	103°52'15.472"W	8.47	
9865.00	92.900	61.500	9119.12	876.80	521.70	846.00	642393.81	587954.50	32°36'55.942"N	103°52'15.156"W	5.63	
9896.00	93.800	63.900	9117.31	905.13	535.89	873.49	642421.30	587968.70	32°36'56.082"N	103°52'14.834"W	8.26	
9927.00	94.300	64.300	9115.12	933.73	549.40	901.31	642449.12	587982.20	32°36'56.214"N	103°52'14.508"W	2.06	
9958.00	93.900	66.600	9112.90	962.60	562.25	929.43	642477.24	587995.05	32°36'56.340"N	103°52'14.179"W	7.51	
9990.00	92.600	69.200	9111.09	992.89	574.27	959.03	642506.84	588007.07	32°36'56.458"N	103°52'13.832"W	9.07	
10021.00	92.000	71.600	9109.84	1022.66	584.66	988.21	642536.01	588017.45	32°36'56.559"N	103°52'13.490"W	7.97	
10053.00	91.000	73.700	9109.00	1053.72	594.19	1018.74	642566.54	588026.99	32°36'56.652"N	103°52'13.133"W	7.27	
10084.00	90.600	76.300	9108.57	1084.10	602.22	1048.68	642596.48	588035.01	32°36'56.730"N	103°52'12.782"W	8.48	
10115.00	89.300	78.400	9108.60	1114.71	609.00	1078.92	642626.72	588041.80	32°36'56.796"N	103°52'12.428"W	7.97	
10146.00	88.800	80.500	9109.11	1145.48	614.68	1109.39	642657.19	588047.48	32°36'56.851"N	103°52'12.072"W	6.96	
10177.00	88.900	83.400	9109.74	1176.37	619.02	1140.08	642687.87	588051.82	32°36'56.893"N	103°52'11.713"W	9.36	
10208.00	89.000	85.000	9110.30	1207.34	622.15	1170.92	642718.70	588054.95	32°36'56.922"N	103°52'11.352"W	5.17	
10239.00	88.700	86.700	9110.93	1238.33	624.39	1201.83	642749.61	588057.19	32°36'56.943"N	103°52'10.991"W	5.57	
10270.00	88.000	88.400	9111.82	1269.31	625.72	1232.78	642780.57	588058.51	32°36'56.955"N	103°52'10.629"W	5.93	
10302.00	87.700	89.100	9113.02	1301.26	626.42	1264.75	642812.54	588059.21	32°36'56.961"N	103°52'10.255"W	2.38	
10333.00	87.600	89.700	9114.29	1332.20	626.74	1295.73	642843.51	588059.54	32°36'56.962"N	103°52'09.893"W	1.96	
10364.00	87.500	89.500	9115.62	1363.12	626.96	1326.70	642874.47	588059.75	32°36'56.963"N	103°52'09.531"W	0.72	
10395.00	87.300	89.400	9117.02	1394.05	627.25	1357.66	642905.44	588060.05	32°36'56.965"N	103°52'09.169"W	0.72	
10427.00	87.500	89.300	9118.47	1425.97	627.62	1389.63	642937.40	588060.41	32°36'56.967"N	103°52'08.795"W	0.70	
10458.00	87.400	90.000	9119.85	1456.89	627.81	1420.60	642968.37	588060.60	32°36'56.968"N	103°52'08.433"W	2.28	
10489.00	87.400	90.300	9121.26	1487.79	627.72	1451.56	642999.33	588060.52	32°36'56.965"N	103°52'08.071"W	0.97	
10583.00	87.800	91.400	9125.19	1581.43	626.33	1545.47	643093.23	588059.13	32°36'56.948"N	103°52'06.973"W	1.24	



Actual Wellpath Report

No.256H AWP

Page 10 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	BOPCO, L.P.	Slot	No. 256H SHL
Area	Eddy County, NM	Well	No. 256H
Field	Big Eddy	Wellbore	No.256H AWP
Facility	Big Eddy Unit No.256H & No.257H		

WELLPATH DATA (411 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
10676.00	88.100	91.000	9128.52	1674.05	624.38	1638.39	643186.15	588057.18	32°36'56.924"N	103°52'05.887"W	0.54	
10770.00	87.800	91.600	9131.88	1767.65	622.25	1732.31	643280.05	588055.05	32°36'56.899"N	103°52'04.789"W	0.71	
10864.00	87.400	91.400	9135.82	1861.20	619.80	1826.19	643373.93	588052.59	32°36'56.871"N	103°52'03.692"W	0.48	
10957.00	87.500	91.500	9139.96	1953.75	617.44	1919.07	643466.80	588050.24	32°36'56.843"N	103°52'02.606"W	0.15	
11051.00	88.400	91.900	9143.32	2047.30	614.66	2012.97	643560.69	588047.45	32°36'56.812"N	103°52'01.509"W	1.05	
11146.00	88.700	91.800	9145.72	2141.84	611.59	2107.89	643655.61	588044.39	32°36'56.777"N	103°52'00.399"W	0.33	
11239.00	89.400	93.200	9147.27	2234.31	607.54	2200.78	643748.50	588040.33	32°36'56.733"N	103°51'59.313"W	1.68	
11333.00	90.300	92.400	9147.51	2327.72	602.94	2294.67	643842.38	588035.74	32°36'56.684"N	103°51'58.216"W	1.28	
11426.00	89.900	92.500	9147.35	2420.21	598.97	2387.58	643935.28	588031.77	32°36'56.640"N	103°51'57.130"W	0.44	
11519.00	90.400	91.900	9147.11	2512.74	595.40	2480.51	644028.21	588028.20	32°36'56.601"N	103°51'56.044"W	0.84	
11612.00	88.900	92.500	9147.68	2605.26	591.83	2573.44	644121.13	588024.63	32°36'56.562"N	103°51'54.957"W	1.74	
11706.00	87.300	93.500	9150.79	2698.59	586.91	2667.25	644214.94	588019.71	32°36'56.509"N	103°51'53.861"W	2.01	
11800.00	86.700	92.700	9155.71	2791.83	581.84	2760.99	644308.66	588014.63	32°36'56.454"N	103°51'52.765"W	1.06	
11895.00	87.500	94.000	9160.52	2886.01	576.29	2855.70	644403.37	588009.09	32°36'56.395"N	103°51'51.658"W	1.61	
11989.00	88.000	93.100	9164.21	2979.22	570.48	2949.45	644497.11	588003.28	32°36'56.334"N	103°51'50.563"W	1.09	
12082.00	89.500	92.100	9166.24	3071.65	566.26	3042.32	644589.98	587999.06	32°36'56.288"N	103°51'49.477"W	1.94	
12176.00	88.000	93.200	9168.29	3165.07	561.91	3136.20	644683.85	587994.71	32°36'56.241"N	103°51'48.380"W	1.98	
12269.00	88.800	94.700	9170.88	3257.24	555.51	3228.94	644776.58	587988.31	32°36'56.174"N	103°51'47.296"W	1.83	
12363.00	89.000	95.100	9172.69	3350.19	547.48	3322.58	644870.21	587980.28	32°36'56.090"N	103°51'46.202"W	0.48	
12457.00	88.900	94.200	9174.41	3443.21	539.86	3416.25	644963.88	587972.66	32°36'56.011"N	103°51'45.107"W	0.96	
12550.00	89.000	93.800	9176.12	3535.39	533.38	3509.01	645056.63	587966.18	32°36'55.942"N	103°51'44.023"W	0.44	
12643.00	88.800	93.900	9177.90	3627.59	527.13	3601.78	645149.40	587959.94	32°36'55.876"N	103°51'42.939"W	0.24	
12738.00	88.700	93.300	9179.97	3721.83	521.17	3696.57	645244.18	587953.97	32°36'55.813"N	103°51'41.831"W	0.64	
12831.00	88.500	92.500	9182.25	3814.21	516.47	3789.42	645337.03	587949.27	32°36'55.763"N	103°51'40.746"W	0.89	
12924.00	88.100	91.700	9185.00	3906.71	513.06	3882.32	645429.92	587945.86	32°36'55.725"N	103°51'39.660"W	0.96	
13017.00	89.700	90.600	9186.79	3999.38	511.19	3975.28	645522.87	587944.00	32°36'55.702"N	103°51'38.573"W	2.09	
13111.00	91.800	90.000	9185.56	4093.15	510.70	4069.26	645616.85	587943.51	32°36'55.693"N	103°51'37.474"W	2.32	
13237.00	93.900	90.300	9179.30	4218.72	510.37	4195.10	645742.68	587943.18	32°36'55.684"N	103°51'36.003"W	1.68	
13372.00	91.600	90.700	9172.82	4353.22	509.19	4329.93	645877.50	587942.00	32°36'55.667"N	103°51'34.427"W	1.73	
13467.00	89.000	92.100	9172.32	4447.85	506.87	4424.89	645972.45	587939.68	32°36'55.640"N	103°51'33.317"W	3.11	
13559.00	87.900	93.900	9174.81	4539.21	502.06	4516.72	646064.28	587934.87	32°36'55.588"N	103°51'32.244"W	2.29	
13653.00	87.900	95.300	9178.25	4632.19	494.53	4610.36	646157.90	587927.33	32°36'55.509"N	103°51'31.150"W	1.49	
13746.00	87.900	94.600	9181.66	4724.10	486.51	4702.95	646250.49	587919.31	32°36'55.426"N	103°51'30.068"W	0.75	
13840.00	87.900	92.000	9185.11	4817.36	481.10	4796.72	646344.25	587913.91	32°36'55.368"N	103°51'28.972"W	2.76	
13934.00	87.900	90.300	9188.55	4910.97	479.22	4890.63	646438.16	587912.02	32°36'55.346"N	103°51'27.874"W	1.81	
14029.00	88.000	90.000	9191.95	5005.71	478.97	4985.57	646533.09	587911.77	32°36'55.339"N	103°51'26.764"W	0.33	
14122.00	87.900	91.000	9195.28	5098.42	478.16	5078.51	646626.02	587910.96	32°36'55.327"N	103°51'25.677"W	1.08	
14215.00	88.900	92.700	9197.87	5190.96	475.16	5171.42	646718.93	587907.96	32°36'55.293"N	103°51'24.591"W	2.12	
14309.00	88.800	93.700	9199.76	5284.29	469.91	5265.25	646812.75	587902.72	32°36'55.237"N	103°51'23.495"W	1.07	
14403.00	88.800	94.000	9201.73	5377.48	463.60	5359.02	646906.52	587896.41	32°36'55.170"N	103°51'22.399"W	0.32	
14496.00	88.900	95.300	9203.60	5469.50	456.06	5451.69	646999.18	587888.87	32°36'55.092"N	103°51'21.316"W	1.40	
14589.00	88.800	94.300	9205.46	5561.49	448.28	5544.35	647091.83	587881.09	32°36'55.010"N	103°51'20.233"W	1.08	
14683.00	88.900	92.400	9207.35	5654.79	442.79	5638.16	647185.64	587875.60	32°36'54.952"N	103°51'19.137"W	2.02	
14776.00	88.800	91.200	9209.22	5747.36	439.87	5731.10	647278.57	587872.68	32°36'54.919"N	103°51'18.050"W	1.29	
14871.00	88.800	92.700	9211.21	5841.90	436.64	5826.02	647373.48	587869.45	32°36'54.883"N	103°51'16.941"W	1.58	



Actual Wellpath Report

No.256H AWP

Page 11 of 11



REFERENCE WELLPATH IDENTIFICATION			
Operator	BOPCO, L.P.	Slot	No. 256H SHL
Area	Eddy County, NM	Well	No. 256H
Field	Big Eddy	Wellbore	No.256H AWB
Facility	Big Eddy Unit No.256H & No.257H		

WELLPATH DATA (411 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
14963.00	88.900	93.500	9213.05	5933.25	431.66	5917.86	647465.32	587864.47	32°36'54.829"N	103°51'15.867"W	0.88	
15054.00	88.800	93.100	9214.88	6023.58	426.43	6008.70	647556.14	587859.24	32°36'54.773"N	103°51'14.806"W	0.45	
15145.00	88.800	93.300	9216.78	6113.93	421.35	6099.53	647646.98	587854.16	32°36'54.719"N	103°51'13.744"W	0.22	
15236.00	88.800	92.700	9218.69	6204.31	416.59	6190.39	647737.83	587849.40	32°36'54.668"N	103°51'12.682"W	0.66	
15327.00	88.800	94.100	9220.60	6294.62	411.19	6281.21	647828.64	587844.00	32°36'54.611"N	103°51'11.621"W	1.54	
15378.00	88.800	94.100	9221.66	6345.15	407.54	6332.06	647879.49	587840.36	32°36'54.572"N	103°51'11.026"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. 256H PBHL		9220.00	348.95	6402.87	647950.29	587781.77	32°36'53.989"N	103°51'10.202"W	point
BEU No. 256H PBHL (Rev-1)		9220.00	398.99	6402.88	647950.30	587831.80	32°36'54.484"N	103°51'10.199"W	point

WELLPATH COMPOSITION - Ref Wellbore: No.256H AWB					Ref Wellpath: No.256H AWP	
Start MD [ft]	End MD [ft]	Positional Uncertainty Model			Log Name/Comment	Wellbore
0.00	6986.87	Generic gyro - northseeking (Standard)			GyroData Gyros <100-8311.97>	No.256H AWB
6986.87	8000.00	Generic gyro - northseeking (Standard)			GyroData Gyros 2 <7000-9144.23>	No.256H AWB
8000.00	9144.20	Generic gyro - northseeking (Standard)			GyroData Gyro 3 <8005-9144.2>	No.256H AWB
9144.20	15327.00	NaviTrak (Standard)			BHI MWD NaviTrak 6 1/8" <9171-XXXX>	No.256H AWB
15327.00	15378.00	Blind Drilling (std)			Projection to bit	No.256H AWB