



Actual Wellpath Report

No. 10 AWP

Page 1 of 3

30-015-38196



REFERENCE WELLPATH IDENTIFICATION

Operator	BOPCO, L.P.	Slot	No. 10 SHL
Area	Eddy County, NM	Well	No. 10
Field	(North Indian) Sec 24, T21S, R28E	Wellbore	No. 10 AWB
Facility	North Indian Flats 24 Fed No. 10		

REPORT SETUP INFORMATION

Projection System	NAD83 / TM.New Mexico State Planes, Eastern Zone (3001), US feet	Software System	WellArchitect® 2.0
North Reference	Grid	User	Victor Hernandez
Scale	0.999918	Report Generated	10/22/2010 at 10:01:16 AM
Convergence at slot	0.16° East	Database/Source file	WA_Midland/No._10_AWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	0.00	0.00	631120.63	532844.40	32°27'52.259"N	104°02'32.001"W
Facility Reference Pt			631120.63	532844.40	32°27'52.259"N	104°02'32.001"W
Field Reference Pt			631120.63	532844.40	32°27'52.259"N	104°02'32.001"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on No. 10 SHL (RT) to Facility Vertical Datum	0.00ft
Horizontal Reference Pt	Facility Center	Rig on No. 10 SHL (RT) to Mean Sea Level	3180.20ft
Vertical Reference Pt	Rig on No. 10 SHL (RT)	Facility Vertical Datum to Mud Line (Facility)	0.00ft
MD Reference Pt	Rig on No. 10 SHL (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	0.00°



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Page 2 of 3



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WELLPATH DATA (30 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]
0.00	0.000	105.400	0.00	0.00	0.00	0.00	0.00
469.00	0.810	105.400	468.98	-0.88	-0.88	3.20	0.17
531.00	0.960	104.700	530.98	-1.13	-1.13	4.12	0.24
592.00	1.000	106.900	591.97	-1.41	-1.41	5.12	0.09
654.00	1.030	107.400	653.96	-1.74	-1.74	6.17	0.05
716.00	1.200	100.200	715.95	-2.02	-2.02	7.34	0.35
777.00	1.000	76.000	776.94	-2.00	-2.00	8.49	0.82
839.00	1.100	66.000	838.93	-1.63	-1.63	9.56	0.34
933.00	0.660	25.500	932.91	-0.77	-0.77	10.62	0.78
1028.00	1.200	37.700	1027.90	0.51	0.51	11.46	0.60
1123.00	0.280	10.900	1122.89	1.52	1.52	12.11	1.01
1218.00	0.940	41.000	1217.89	2.34	2.34	12.67	0.75
1312.00	1.200	53.200	1311.87	3.51	3.51	13.96	0.37
1407.00	1.200	98.200	1406.85	3.96	3.96	15.74	0.97
1502.00	1.100	55.800	1501.83	4.33	4.33	17.48	0.88
1597.00	0.940	126.500	1596.82	4.38	4.38	18.86	1.25
1691.00	0.470	265.600	1690.82	3.89	3.89	19.10	1.42
1786.00	0.110	89.300	1785.82	3.87	3.87	18.80	0.61
1913.00	0.710	127.900	1912.81	3.38	3.38	19.54	0.49
2013.00	0.720	112.500	2012.81	2.76	2.76	20.61	0.19
2103.00	0.770	99.800	2102.80	2.44	2.44	21.73	0.19
2197.00	0.480	72.100	2196.79	2.46	2.46	22.73	0.44
2324.00	1.080	51.200	2323.78	3.37	3.37	24.17	0.52
2450.00	0.370	57.600	2449.77	4.33	4.33	25.44	0.57
2577.00	0.560	311.500	2576.77	4.96	4.96	25.32	0.59
2704.00	0.180	339.900	2703.77	5.56	5.56	24.78	0.32
2830.00	0.060	80.570	2829.77	5.76	5.76	24.78	0.16
2957.00	0.060	28.520	2956.77	5.83	5.83	24.88	0.04
3083.00	0.170	44.770	3082.77	6.02	6.02	25.04	0.09
3200.00	0.200	50.000	3199.76	6.27	6.27	25.32	0.03



Actual Wellpath Report

No. 10 AWP

Page 3 of 3



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Facility	North Indian Flats 24 Fed No. 10		

WELLPATH COMPOSITION Ref Wellbore: No. 10 AWB Ref Wellpath: No. 10 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	3083.00	NaviTrak (Standard)	MWD (469 - 3083)	No. 10 AWB
3083.00	3200.00	Blind Drilling (std)	Projection to bit	No. 10 AWB



Actual Wellpath Report

No. 10 AWP

Page 1 of 3

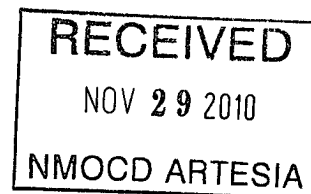


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Page 2 of 3



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