



Actual Wellpath Report

3 Fed No. 16 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	OXY Permian	Slot	Lost Tank 3 Fed No. 16
Area	Eddy County, NM	Well	3 Fed No. 16
Field	Lost Tank	Wellbore	3 Fed No. 16 AWB
Facility	Lost Tank Pad B		

REPORT SETUP INFORMATION

Projection System	NAD27 / TM New Mexico State Planes, Eastern Zone (3001), US feet	Software System	WellArchitect@ 2.0
North Reference	Grid	User	Gomeoscr
Scale	0.999945	Report Generated	11/26/2010 at 1:05:51 PM
Convergence at slot	0.31° East	Database/Source file	WA Midland/3_Fed_No._16_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	676005.60	515232.00	32°24'54.704"N	103°45'46.737"W
Facility Reference Pt			676005.60	515232.00	32°24'54.704"N	103°45'46.737"W
Field Reference Pt			677702.20	514850.60	32°24'50.840"N	103°45'26.970"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on Lost Tank 3 Fed No. 16 (KB) to Facility Vertical Datum	3510.40ft
Horizontal Reference Pt	Slot	Rig on Lost Tank 3 Fed No. 16 (KB) to Mean Sea Level	3510.40ft
Vertical Reference Pt	Rig on Lost Tank 3 Fed No. 16 (KB)	Facility Vertical Datum to Mud Line (Facility)	0.00ft
MD Reference Pt	Rig on Lost Tank 3 Fed No. 16 (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	0.00°

30-015-37907



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WELLPATH DATA (64 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]
0.00†	0.000	111.030	0.00	0.00	0.00	0.00	0.00
16.50	0.000	111.030	16.50	0.00	0.00	0.00	0.00
100.00	0.540	111.030	100.00	-0.14	-0.14	0.37	0.65
200.00	0.190	273.810	200.00	-0.30	-0.30	0.64	0.72
300.00	0.410	159.860	300.00	-0.62	-0.62	0.60	0.52
400.00	0.300	88.790	400.00	-0.95	-0.95	0.98	0.42
500.00	0.210	324.750	499.99	-0.80	-0.80	1.14	0.45
600.00	0.170	347.480	599.99	-0.50	-0.50	1.00	0.08
705.00	0.220	34.000	704.99	-0.19	-0.19	1.08	0.15
826.00	0.170	357.500	825.99	0.19	0.19	1.20	0.11
961.00	0.260	0.700	960.99	0.69	0.69	1.20	0.07
1097.00	0.240	8.300	1096.99	1.28	1.28	1.24	0.03
1232.00	0.340	55.100	1231.99	1.79	1.79	1.61	0.18
1367.00	0.310	10.100	1366.99	2.38	2.38	2.01	0.19
1503.00	0.340	14.000	1502.98	3.13	3.13	2.17	0.03
1638.00	0.170	346.400	1637.98	3.72	3.72	2.22	0.15
1773.00	0.340	6.300	1772.98	4.31	4.31	2.21	0.14
1864.00	0.260	0.700	1863.98	4.79	4.79	2.25	0.09
2044.00	0.400	15.200	2043.98	5.80	5.80	2.42	0.09
2180.00	0.070	17.600	2179.98	6.34	6.34	2.57	0.24
2318.00	0.390	42.600	2317.98	6.76	6.76	2.91	0.24
2450.00	0.330	58.100	2449.97	7.29	7.29	3.54	0.09
2586.00	0.400	22.500	2585.97	7.94	7.94	4.05	0.17
2721.00	0.610	37.700	2720.96	8.94	8.94	4.67	0.18
2856.00	0.820	43.100	2855.95	10.22	10.22	5.77	0.16
2991.00	0.510	43.500	2990.95	11.36	11.36	6.84	0.23
3127.00	0.620	62.300	3126.94	12.14	12.14	7.91	0.16
3262.00	1.490	100.300	3261.92	12.17	12.17	10.28	0.79
3398.00	1.980	116.400	3397.85	10.81	10.81	14.13	0.50
3533.00	1.780	101.600	3532.78	9.35	9.35	18.27	0.39
3668.00	2.150	89.400	3667.70	8.95	8.95	22.86	0.41
3804.00	2.620	80.700	3803.59	9.48	9.48	28.48	0.44
3939.00	2.160	92.600	3938.47	9.86	9.86	34.06	0.50
3999.00	2.010	94.200	3998.43	9.74	9.74	36.24	0.27
4173.00	1.500	88.500	4172.35	9.57	9.57	41.56	0.31
4309.00	1.500	93.500	4308.30	9.51	9.51	45.12	0.10
4445.00	1.500	93.500	4444.25	9.29	9.29	48.67	0.00
4579.00	1.750	90.500	4578.20	9.17	9.17	52.47	0.20
4714.00	2.000	93.500	4713.13	9.01	9.01	56.88	0.20
4849.00	1.750	89.500	4848.05	8.88	8.88	61.29	0.21
4985.00	1.500	95.500	4984.00	8.73	8.73	65.14	0.22
5121.00	1.250	80.500	5119.96	8.80	8.80	68.38	0.32
5256.00	1.500	88.500	5254.92	9.09	9.09	71.59	0.23
5391.00	1.250	82.500	5389.88	9.33	9.33	74.82	0.21
5526.00	1.500	78.500	5524.84	9.87	9.87	78.01	0.20



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Field	Lost Tank	Wellbore	3 Fed No. 16 AWB
Facility	Lost Tank Pad B		

WELLPATH DATA (64 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]
5662.00	1.500	88.500	5660.80	10.28	10.28	81.54	0.19
5797.00	1.500	82.500	5795.75	10.55	10.55	85.05	0.12
5932.00	1.250	83.500	5930.71	10.95	10.95	88.27	0.19
6067.00	1.250	81.500	6065.68	11.33	11.33	91.19	0.02
6203.00	1.250	82.500	6201.65	11.75	11.75	94.13	0.05
6338.00	1.500	88.500	6336.61	11.99	11.99	97.35	0.22
6473.00	1.250	84.500	6471.57	12.17	12.17	100.58	0.20
6609.00	1.250	97.500	6607.54	12.12	12.12	103.53	0.23
6744.00	1.000	93.500	6742.51	11.86	11.86	106.17	0.19
6879.00	1.000	100.500	6877.49	11.57	11.57	108.50	0.08
7014.00	0.500	124.500	7012.48	11.02	11.02	110.15	0.42
7149.00	1.000	113.500	7147.47	10.22	10.22	111.71	0.38
7285.00	0.750	145.500	7283.45	9.01	9.01	113.30	0.40
7420.00	1.000	117.500	7418.44	7.74	7.74	114.85	0.36
7555.00	0.750	148.500	7553.42	6.44	6.44	116.36	0.39
7690.00	0.750	121.500	7688.41	5.23	5.23	117.57	0.26
7825.00	0.500	137.500	7823.40	4.33	4.33	118.72	0.22
7960.00	1.000	185.500	7958.39	2.72	2.72	119.01	0.56
8223.00	0.750	174.500	8221.36	-1.27	-1.27	118.95	0.11

WELLPATH COMPOSITION Ref Wellbore: 3 Fed No. 16 AWB Ref Wellpath: 3 Fed No. 16 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
16.50	600.00	Generic gyro - northseeking (Standard)	Gyro	3 Fed No. 16 AWB
600.00	3999.00	NaviTrak (Standard)	MWD	3 Fed No. 16 AWB
3999.00	8223.00	Unknown Tool (Standard)	Survey	3 Fed No. 16 AWB