



Yates Petroleum Corporation

Location: Eddy County, NM
Field: (Rudolph) Sec 16, T19S, R31E
Facility: Rudolph ATX State Com

Slot: No. 3H SHL
Well: No. 3H
Wellbore: No. 3H PWB



INTEQ

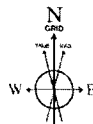
Well Profile Data

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	8330.00	1.110	135.510	8327.66	45.30	104.35	0.00	44.63
EST. KOP	8468.00	1.110	135.510	8465.63	43.39	106.22	0.00	42.71
End of Curve	9222.46	90.630	358.200	8945.00	521.22	97.57	12.12	520.58
EOB	9223.62	90.628	358.223	8944.99	522.38	97.54	2.00	521.74
No. 3H PBHL	13325.50	90.628	358.223	8900.00	4622.04	-29.64	0.00	4622.13

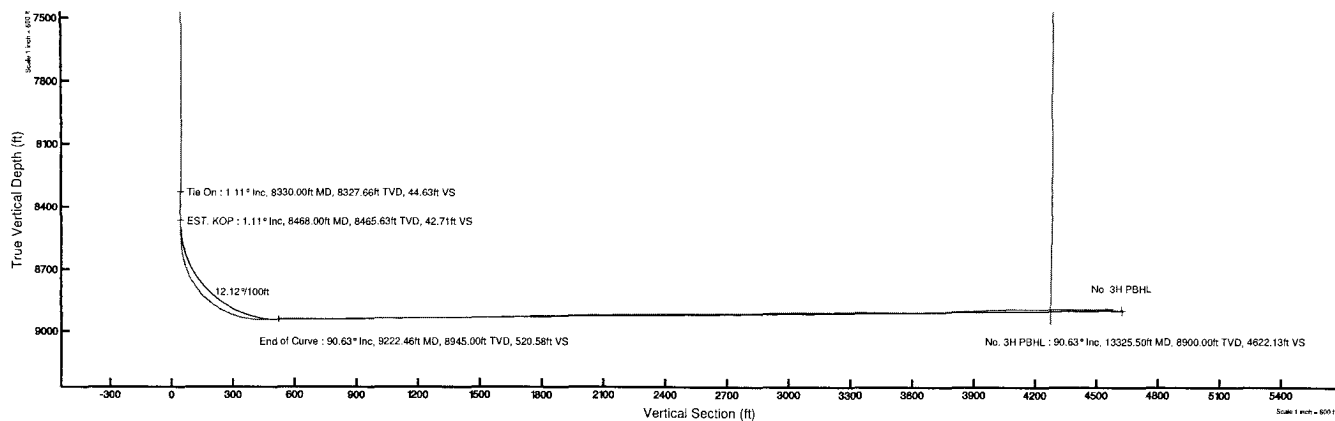
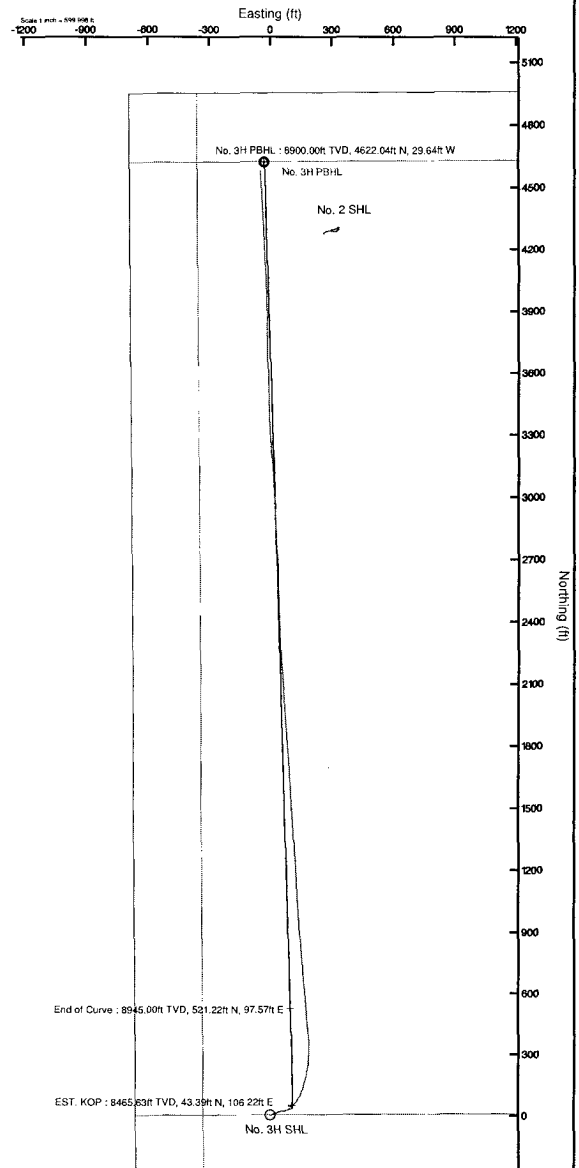
Plot reference wellpath is Plan #1	
True vertical depths are referenced to Rig on No. 3H SHL (KB)	Grid System: NAD83 / TM New Mexico State Planes, Eastern Zone (2001), US feet
Measured depths are referenced to Rig on No. 3H SHL (KB)	North Reference: Grid north
Rig on No. 3H SHL (KB) to Mean Sea Level: 3490.8 feet	Scale: True distance
Mean Sea Level to Mudline (Facility: Rudolph ATX State Com): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: gomezcor on 11/22/2010

30-015-37997

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BGGM (1945.0 to 2011.0) Dip: 60.57° Field: 48982.9 nT
Magnetic North is 7.89 degrees East of True North (at 9/20/2010)
Grid North is 0.24 degrees East of True North
To correct azimuth from True to Grid subtract 0.24 degrees
To correct azimuth from Magnetic to Grid add 7.64 degrees
For example: if the Magnetic North Azimuth = 90 degs, then the Grid North Azimuth = 90 + 7.64 = 97.64





Actual Wellpath Report

No.3H AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Yates Petroleum Corporation	Slot	No. 3H SHL
Area	Eddy County, NM	Well	No. 3H
Field	(Rudolph) Sec 16, T19S, R31E	Wellbore	No.3H AWB
Facility	Rudolph ATX State Com		

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	Gomeoscr
Scale	0.999931	Report Generated	11/29/2010 at 8:10:56 AM
Convergence at slot	0.24° East	Database/Source file	WA Midland/No.3H_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	680636.13	601992.62	32°39'14.792"N	103°52'50.610"W
Facility Reference Pt			680636.13	601992.62	32°39'14.792"N	103°52'50.610"W
Field Reference Pt			680636.13	601992.62	32°39'14.792"N	103°52'50.610"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on No. 3H SHL (KB) to Facility Vertical Datum	3490.80ft
Horizontal Reference Pt	Slot	Rig on No. 3H SHL (KB) to Mean Sea Level	3490.80ft
Vertical Reference Pt	Rig on No. 3H SHL (KB)	Facility Vertical Datum to Mud Line (Facility)	0.00ft
MD Reference Pt	Rig on No. 3H SHL (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	359.63°



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REFERENCE WELLPATH IDENTIFICATION			
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Field	(Rudolph) Sec 16, T19S, R31E	Wellbore	No.3H AWB
Facility	Rudolph ATX State Com		

WELLPATH DATA (126 stations) † = interpolated/extrapolated station												
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00†	0.000	286.020	0.00	0.00	0.00	0.00	680636.13	601992.62	32°39'14.792"N	103°52'50.610"W	0.00	
18.80	0.000	286.020	18.80	0.00	0.00	0.00	680636.13	601992.62	32°39'14.792"N	103°52'50.610"W	0.00	
200.00	0.060	286.020	200.00	0.03	0.03	-0.09	680636.04	601992.65	32°39'14.792"N	103°52'50.611"W	0.03	
400.00	0.330	202.660	400.00	-0.47	-0.48	-0.41	680635.72	601992.14	32°39'14.787"N	103°52'50.615"W	0.16	
600.00	0.470	87.150	600.00	-0.97	-0.97	0.18	680636.31	601991.65	32°39'14.782"N	103°52'50.608"W	0.34	
800.00	0.620	78.160	799.99	-0.72	-0.70	2.06	680638.19	601991.92	32°39'14.785"N	103°52'50.586"W	0.09	
1000.00	0.820	82.570	999.97	-0.33	-0.30	4.54	680640.67	601992.32	32°39'14.789"N	103°52'50.557"W	0.10	
1200.00	0.690	87.810	1199.95	-0.11	-0.07	7.16	680643.29	601992.55	32°39'14.791"N	103°52'50.526"W	0.07	
1400.00	1.840	71.580	1399.90	0.92	0.99	11.41	680647.54	601993.61	32°39'14.801"N	103°52'50.476"W	0.60	
1600.00	3.370	68.310	1599.69	4.05	4.18	19.92	680656.05	601996.80	32°39'14.832"N	103°52'50.377"W	0.77	
1800.00	3.330	67.580	1799.35	8.37	8.57	30.75	680666.88	602001.19	32°39'14.875"N	103°52'50.250"W	0.03	
2000.00	2.920	60.960	1999.05	13.00	13.26	40.58	680676.70	602005.88	32°39'14.921"N	103°52'50.134"W	0.27	
2200.00	1.880	66.190	2198.87	16.75	17.06	48.03	680684.16	602009.67	32°39'14.958"N	103°52'50.047"W	0.53	
2400.00	1.620	74.720	2398.78	18.78	19.12	53.76	680689.89	602011.74	32°39'14.979"N	103°52'49.980"W	0.18	
2600.00	1.730	93.560	2598.70	19.30	19.68	59.50	680695.63	602012.30	32°39'14.984"N	103°52'49.913"W	0.28	
2800.00	2.290	106.270	2798.57	17.95	18.38	66.35	680702.48	602010.99	32°39'14.971"N	103°52'49.833"W	0.36	
3000.00	0.830	60.400	2998.50	17.51	17.97	71.45	680707.57	602010.59	32°39'14.966"N	103°52'49.773"W	0.91	
3200.00	0.970	51.120	3198.47	19.27	19.75	74.02	680710.15	602012.37	32°39'14.984"N	103°52'49.743"W	0.10	
3400.00	1.390	60.290	3398.43	21.52	22.01	77.45	680713.57	602014.63	32°39'15.006"N	103°52'49.703"W	0.23	
3600.00	1.190	95.650	3598.38	22.49	23.01	81.62	680717.75	602015.63	32°39'15.016"N	103°52'49.654"W	0.40	
3800.00	1.350	68.900	3798.34	23.10	23.66	85.89	680722.01	602016.27	32°39'15.022"N	103°52'49.604"W	0.30	
4000.00	1.230	60.310	3998.29	24.99	25.57	89.95	680726.07	602018.19	32°39'15.041"N	103°52'49.556"W	0.11	
4200.00	1.150	58.670	4198.24	27.07	27.67	93.53	680729.65	602020.29	32°39'15.062"N	103°52'49.514"W	0.04	
4400.00	0.680	72.370	4398.22	28.46	29.08	96.37	680732.50	602021.69	32°39'15.075"N	103°52'49.481"W	0.26	
4600.00	0.650	92.920	4598.20	28.75	29.38	98.64	680734.76	602022.00	32°39'15.078"N	103°52'49.455"W	0.12	
4800.00	0.540	70.250	4798.19	28.99	29.64	100.66	680736.78	602022.26	32°39'15.081"N	103°52'49.431"W	0.13	
5000.00	0.650	66.940	4998.18	29.74	30.40	102.59	680738.71	602023.02	32°39'15.088"N	103°52'49.408"W	0.06	
5200.00	0.640	62.590	5198.17	30.69	31.36	104.62	680740.75	602023.98	32°39'15.098"N	103°52'49.384"W	0.02	
5400.00	0.740	73.650	5398.16	31.55	32.24	106.85	680742.98	602024.86	32°39'15.106"N	103°52'49.358"W	0.08	
5600.00	0.570	48.010	5598.14	32.57	33.27	108.83	680744.96	602025.89	32°39'15.116"N	103°52'49.335"W	0.17	
5800.00	0.840	325.470	5798.13	34.44	35.14	108.74	680744.86	602027.76	32°39'15.135"N	103°52'49.336"W	0.48	
6000.00	1.440	300.910	5998.09	36.96	37.64	105.75	680741.88	602030.26	32°39'15.160"N	103°52'49.371"W	0.38	
6200.00	1.930	282.080	6198.01	38.99	39.64	100.31	680736.43	602032.25	32°39'15.180"N	103°52'49.435"W	0.37	
6400.00	1.500	289.480	6397.92	40.61	41.21	94.54	680730.67	602033.83	32°39'15.195"N	103°52'49.502"W	0.24	
6600.00	1.130	300.530	6597.86	42.51	43.09	90.38	680726.50	602035.70	32°39'15.214"N	103°52'49.551"W	0.22	
6800.00	0.700	284.610	6797.84	43.84	44.40	87.50	680723.62	602037.01	32°39'15.227"N	103°52'49.584"W	0.25	
7000.00	0.120	300.060	6997.83	44.26	44.81	86.13	680722.26	602037.43	32°39'15.231"N	103°52'49.600"W	0.29	
7200.00	0.420	113.290	7197.83	44.07	44.63	86.62	680722.75	602037.24	32°39'15.230"N	103°52'49.594"W	0.27	
7400.00	0.810	79.230	7397.82	44.03	44.60	88.69	680724.81	602037.22	32°39'15.229"N	103°52'49.570"W	0.26	
7600.00	0.590	43.500	7597.81	45.03	45.61	90.78	680726.91	602038.23	32°39'15.239"N	103°52'49.546"W	0.24	
7800.00	0.910	85.980	7797.79	45.87	46.47	93.08	680729.20	602039.09	32°39'15.248"N	103°52'49.519"W	0.31	
8000.00	1.640	82.770	7997.74	46.32	46.94	97.50	680733.62	602039.56	32°39'15.252"N	103°52'49.467"W	0.37	
8200.00	1.150	109.440	8197.68	45.98	46.63	102.23	680738.36	602039.25	32°39'15.249"N	103°52'49.412"W	0.40	
8330.00	1.110	135.510	8327.66	44.63	45.30	104.35	680740.47	602037.92	32°39'15.235"N	103°52'49.387"W	0.39	
8374.00	1.200	141.100	8371.65	43.96	44.64	104.93	680741.06	602037.26	32°39'15.229"N	103°52'49.380"W	0.33	



Actual Wellpath Report

No.3H AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	Yates Petroleum Corporation	Slot	No. 3H SHL
Area	Eddy County, NM	Well	No. 3H
Field	(Rudolph) Sec 16, T19S, R31E	Wellbore	No.3H AWP
Facility	Rudolph ATX State Com		

WELLPATH DATA (126 stations)												
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]	Comments
8422.00	1.500	127.400	8419.63	43.19	43.87	105.75	680741.87	602036.48	32°39'15.221"N	103°52'49.371"W	0.91	
8468.00	1.650	104.600	8465.62	42.65	43.33	106.87	680742.99	602035.95	32°39'15.216"N	103°52'49.358"W	1.39	
8500.00	2.330	78.610	8497.60	42.65	43.35	107.95	680744.07	602035.96	32°39'15.216"N	103°52'49.345"W	3.48	
8532.00	4.000	58.560	8529.55	43.35	44.06	109.54	680745.66	602036.67	32°39'15.223"N	103°52'49.326"W	6.19	
8564.00	6.310	48.660	8561.42	45.08	45.80	111.81	680747.94	602038.42	32°39'15.240"N	103°52'49.300"W	7.71	
8595.00	9.270	44.630	8592.13	47.97	48.70	114.85	680750.97	602041.32	32°39'15.269"N	103°52'49.264"W	9.70	
8627.00	13.320	41.640	8623.50	52.53	53.29	119.11	680755.23	602045.91	32°39'15.314"N	103°52'49.214"W	12.78	
8659.00	17.940	37.170	8654.31	59.18	59.98	124.54	680760.66	602052.60	32°39'15.380"N	103°52'49.150"W	14.91	
8691.00	22.040	33.410	8684.38	68.08	68.92	130.83	680766.95	602061.54	32°39'15.468"N	103°52'49.076"W	13.42	
8722.00	25.790	29.560	8712.72	78.77	79.65	137.36	680773.48	602072.26	32°39'15.574"N	103°52'48.999"W	13.10	
8754.00	29.440	24.680	8741.07	91.93	92.86	144.08	680780.20	602085.47	32°39'15.704"N	103°52'48.920"W	13.41	
8786.00	33.300	21.970	8768.39	107.19	108.15	150.65	680786.77	602100.77	32°39'15.855"N	103°52'48.842"W	12.84	
8817.00	37.640	18.630	8793.63	124.02	125.03	156.86	680792.98	602117.64	32°39'16.022"N	103°52'48.769"W	15.33	
8849.00	42.160	16.450	8818.17	143.55	144.60	163.03	680799.15	602137.21	32°39'16.215"N	103°52'48.696"W	14.78	
8881.00	46.990	14.160	8840.96	165.17	166.25	168.94	680805.06	602158.86	32°39'16.429"N	103°52'48.626"W	15.91	
8913.00	52.050	11.840	8861.73	188.84	189.96	174.39	680810.51	602182.57	32°39'16.664"N	103°52'48.561"W	16.74	
8944.00	57.380	9.460	8879.63	213.67	214.82	179.05	680815.17	602207.43	32°39'16.910"N	103°52'48.505"W	18.30	
8976.00	61.770	6.490	8895.84	240.96	242.14	182.86	680818.98	602234.74	32°39'17.180"N	103°52'48.459"W	15.88	
9008.00	65.520	3.360	8910.04	269.51	270.70	185.31	680821.43	602263.30	32°39'17.462"N	103°52'48.429"W	14.63	
9040.00	69.880	1.080	8922.19	299.07	300.28	186.45	680822.56	602292.87	32°39'17.755"N	103°52'48.414"W	15.13	
9071.00	74.550	359.760	8931.65	328.58	329.78	186.66	680822.77	602322.38	32°39'18.047"N	103°52'48.410"W	15.60	
9103.00	79.530	358.470	8938.83	359.75	360.96	186.17	680822.29	602353.55	32°39'18.355"N	103°52'48.414"W	16.05	
9131.00	83.980	357.320	8942.84	387.44	388.64	185.15	680821.27	602381.23	32°39'18.629"N	103°52'48.425"W	16.40	
9161.00	89.410	355.390	8944.57	417.33	418.52	183.25	680819.37	602411.11	32°39'18.925"N	103°52'48.446"W	19.20	
9193.00	90.650	355.260	8944.55	449.24	450.41	180.64	680816.76	602443.00	32°39'19.241"N	103°52'48.474"W	3.90	
9225.00	90.860	354.780	8944.13	481.14	482.29	177.86	680813.98	602474.87	32°39'19.556"N	103°52'48.505"W	1.64	
9256.00	90.920	355.170	8943.65	512.03	513.16	175.15	680811.27	602505.75	32°39'19.862"N	103°52'48.536"W	1.27	
9288.00	90.830	355.150	8943.16	543.93	545.05	172.45	680808.57	602537.63	32°39'20.177"N	103°52'48.566"W	0.29	
9320.00	90.830	355.190	8942.70	575.83	576.93	169.75	680805.87	602569.51	32°39'20.493"N	103°52'48.595"W	0.12	
9351.00	90.650	354.760	8942.30	606.72	607.81	167.04	680803.16	602600.38	32°39'20.798"N	103°52'48.626"W	1.50	
9383.00	90.650	354.770	8941.94	638.61	639.67	164.12	680800.24	602632.25	32°39'21.114"N	103°52'48.658"W	0.03	
9415.00	90.460	354.600	8941.63	670.48	671.53	161.16	680797.27	602664.10	32°39'21.429"N	103°52'48.691"W	0.80	
9447.00	88.460	354.740	8941.93	702.36	703.39	158.18	680794.30	602695.96	32°39'21.745"N	103°52'48.725"W	6.27	
9479.00	88.210	354.850	8942.86	734.23	735.24	155.28	680791.40	602727.81	32°39'22.060"N	103°52'48.757"W	0.85	
9510.00	88.920	355.460	8943.63	765.13	766.12	152.66	680788.78	602758.69	32°39'22.366"N	103°52'48.786"W	3.02	
9574.00	90.800	355.490	8943.79	828.96	829.92	147.62	680783.73	602822.48	32°39'22.997"N	103°52'48.842"W	2.94	
9637.00	91.360	355.520	8942.60	891.78	892.72	142.68	680778.80	602885.27	32°39'23.618"N	103°52'48.896"W	0.89	
9701.00	91.320	355.930	8941.11	955.62	956.52	137.91	680774.03	602949.07	32°39'24.250"N	103°52'48.949"W	0.64	
9765.00	91.320	355.870	8939.63	1019.46	1020.34	133.33	680769.46	603012.89	32°39'24.882"N	103°52'48.999"W	0.09	
9828.00	90.890	356.040	8938.42	1082.32	1083.17	128.89	680765.01	603075.71	32°39'25.504"N	103°52'49.048"W	0.73	
9892.00	90.710	356.570	8937.52	1146.21	1147.03	124.77	680760.89	603139.57	32°39'26.136"N	103°52'49.093"W	0.87	
9955.00	90.340	357.190	8936.95	1209.13	1209.94	121.34	680757.46	603202.47	32°39'26.758"N	103°52'49.130"W	1.15	
10018.00	91.020	356.210	8936.20	1272.04	1272.83	117.71	680753.83	603265.36	32°39'27.380"N	103°52'49.169"W	1.89	
10082.00	90.400	356.600	8935.40	1335.94	1336.69	113.70	680749.82	603329.22	32°39'28.013"N	103°52'49.213"W	1.14	
10146.00	90.590	356.390	8934.85	1399.84	1400.57	109.79	680745.91	603393.09	32°39'28.645"N	103°52'49.256"W	0.44	



Actual Wellpath Report

No.3H AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Yates Petroleum Corporation	Slot	No. 3H SHL
Area	Eddy County, NM	Well	No. 3H
Field	(Rudolph) Sec 16, T19S, R31E	Wellbore	No.3H AWB
Facility	Rudolph ATX State Com		

WELLPATH DATA (126 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]	Comments
10209.00	90.520	356.260	8934.24	1462.73	1463.44	105.75	680741.87	603455.96	32°39'29.267"N	103°52'49.300"W	0.23	
10272.00	90.430	356.400	8933.72	1525.62	1526.31	101.72	680737.84	603518.82	32°39'29.889"N	103°52'49.344"W	0.26	
10336.00	91.160	355.440	8932.83	1589.48	1590.14	97.16	680733.29	603582.65	32°39'30.521"N	103°52'49.394"W	1.88	
10399.00	92.160	356.740	8931.01	1652.33	1652.96	92.87	680728.99	603645.47	32°39'31.143"N	103°52'49.441"W	2.60	
10463.00	92.680	355.910	8928.30	1716.17	1716.77	88.77	680724.89	603709.27	32°39'31.774"N	103°52'49.486"W	1.53	
10527.00	91.390	355.870	8926.03	1779.99	1780.57	84.19	680720.31	603773.06	32°39'32.406"N	103°52'49.536"W	2.02	
10622.00	90.400	355.330	8924.55	1874.74	1875.27	76.90	680713.02	603867.76	32°39'33.343"N	103°52'49.617"W	1.19	
10717.00	90.370	355.480	8923.91	1969.48	1969.97	69.29	680705.41	603962.45	32°39'34.280"N	103°52'49.701"W	0.16	
10812.00	91.170	356.540	8922.63	2064.28	2064.73	62.68	680698.81	604057.20	32°39'35.218"N	103°52'49.774"W	1.40	
10908.00	90.460	355.670	8921.27	2160.09	2160.49	56.16	680692.29	604152.96	32°39'36.166"N	103°52'49.845"W	1.17	
11003.00	91.140	357.610	8919.94	2254.94	2255.32	50.59	680686.72	604247.78	32°39'37.104"N	103°52'49.906"W	2.16	
11098.00	90.590	357.070	8918.51	2349.86	2350.20	46.18	680682.31	604342.66	32°39'38.043"N	103°52'49.952"W	0.81	
11193.00	90.310	357.400	8917.76	2444.77	2445.09	41.60	680677.73	604437.53	32°39'38.983"N	103°52'50.001"W	0.46	
11289.00	90.800	358.320	8916.83	2540.72	2541.02	38.02	680674.14	604533.46	32°39'39.932"N	103°52'50.038"W	1.09	
11384.00	90.830	358.210	8915.48	2635.68	2635.96	35.14	680671.27	604628.40	32°39'40.871"N	103°52'50.067"W	0.12	
11480.00	90.590	357.610	8914.29	2731.63	2731.89	31.64	680667.77	604724.32	32°39'41.821"N	103°52'50.103"W	0.67	
11575.00	90.680	357.680	8913.24	2826.57	2826.80	27.74	680663.86	604819.22	32°39'42.760"N	103°52'50.144"W	0.12	
11671.00	90.960	356.980	8911.86	2922.48	2922.69	23.26	680659.39	604915.10	32°39'43.709"N	103°52'50.192"W	0.79	
11766.00	91.020	356.500	8910.22	3017.34	3017.52	17.86	680653.99	605009.93	32°39'44.647"N	103°52'50.250"W	0.51	
11861.00	89.720	355.880	8909.61	3112.17	3112.31	11.55	680647.68	605104.71	32°39'45.585"N	103°52'50.319"W	1.52	
11957.00	90.490	356.210	8909.43	3207.98	3208.08	4.93	680641.06	605200.47	32°39'46.533"N	103°52'50.392"W	0.87	
12052.00	90.460	356.440	8908.64	3302.82	3302.88	-1.16	680634.97	605295.26	32°39'47.472"N	103°52'50.459"W	0.24	
12147.00	89.690	358.000	8908.52	3397.73	3397.76	-5.77	680630.36	605390.14	32°39'48.411"N	103°52'50.508"W	1.83	
12243.00	89.070	358.470	8909.56	3493.70	3493.71	-8.72	680627.41	605486.08	32°39'49.360"N	103°52'50.538"W	0.81	
12338.00	90.060	358.320	8910.28	3588.67	3588.67	-11.38	680624.75	605581.04	32°39'50.300"N	103°52'50.564"W	1.05	
12434.00	91.700	358.890	8908.80	3684.64	3684.63	-13.72	680622.41	605676.99	32°39'51.249"N	103°52'50.586"W	1.81	
12529.00	92.220	359.430	8905.56	3779.58	3779.56	-15.11	680621.02	605771.91	32°39'52.189"N	103°52'50.598"W	0.79	
12624.00	92.130	358.800	8901.95	3874.51	3874.48	-16.58	680619.55	605866.83	32°39'53.128"N	103°52'50.610"W	0.67	
12720.00	92.470	358.040	8898.10	3970.41	3970.36	-19.22	680616.91	605962.70	32°39'54.077"N	103°52'50.637"W	0.87	
12815.00	90.890	357.510	8895.31	4065.31	4065.25	-22.91	680613.22	606057.58	32°39'55.016"N	103°52'50.675"W	1.75	
12911.00	89.600	357.950	8894.90	4161.26	4161.17	-26.71	680609.42	606153.50	32°39'55.965"N	103°52'50.715"W	1.42	
13006.00	90.150	357.440	8895.11	4256.20	4256.09	-30.53	680605.60	606248.41	32°39'56.904"N	103°52'50.755"W	0.79	
13101.00	90.310	356.390	8894.73	4351.09	4350.95	-35.65	680600.49	606343.27	32°39'57.843"N	103°52'50.810"W	1.12	
13197.00	90.620	356.070	8893.95	4446.92	4446.74	-41.96	680594.17	606439.05	32°39'58.791"N	103°52'50.879"W	0.46	
13288.00	91.230	355.940	8892.48	4537.72	4537.51	-48.30	680587.84	606529.81	32°39'59.689"N	103°52'50.948"W	0.69	
13333.00	91.230	355.940	8891.51	4582.62	4582.39	-51.48	680584.65	606574.68	32°40'00.134"N	103°52'50.983"W	0.00	



Actual Wellpath Report

No.3H AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION			
Operator	Yates Petroleum Corporation	Slot	No. 3H SHL
Area	Eddy County, NM	Well	No. 3H
Field	(Rudolph) Sec 16, T19S, R31E	Wellbore	No.3H AWB
Facility	Rudolph ATX State Com		

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
No. 3H PBHL		8900.00	4622.04	-29.64	680606.49	606614.33	32°40'00.525"N	103°52'50.726"W	point

WELLPATH COMPOSITION					Ref Wellbore: No.3H AWB		Ref Wellpath: No.3H AWP	
Start MD [ft]	End MD [ft]	Positional Uncertainty Model			Log Name/Comment		Wellbore	
18.80	8330.00	Generic gyro - northseeking (Standard)			Gyro		No.3H AWB	
8330.00	13333.00	NaviTrak (Standard)			MWD		No.3H AWB	