



Actual Wellpath Report

No. 2H AWP

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30-015-37167

REFERENCE WELLPATH IDENTIFICATION

Operator	Yates Petroleum Corporation	Slot	No. 2H SHL
Area	Eddy County, NM	Well	No. 2H
Field	(Sand) Sec 12, T18S, R29E	Wellbore	No. 2H AWB
Facility	Sand Tank Fed Com No. 2H	Sidetrack from	No. 2 AWB at 7200.00 MD

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	Victor Hernandez
Scale	0.99992	Report Generated	7/2/2010 at 8:48:19 AM
Convergence at slot	0.17° East	Database/Source file	WA_Midland/No. 2H_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	596200.20	638866.50	32°45'21.408"N	104°01'13.479"W
Facility Reference Pt			596200.20	638866.50	32°45'21.408"N	104°01'13.479"W
Field Reference Pt			596200.20	638866.50	32°45'21.408"N	104°01'13.479"W

WELLPATH DATUM

Calculation method	Minimum curvature	Paterson 511 on No. 2H SHL (KB) to GL	18.80ft
Horizontal Reference Pt	SL	Paterson 511 on No. 2H SHL (KB) to Mean Sea Level	3528.30ft
Vertical Reference Pt	Paterson 511 on No. 2H SHL (KB)	GL to Mud Line (Facility)	0.00ft
MD Reference Pt	Paterson 511 on No. 2H SHL (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	272.17°

dm



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Field	(Sand) Sec 12, T18S, R29E	Wellbore	No. 2H AWP
Facility	Sand Tank Fed Com No. 2H	Sidetrack from	No. 2 AWP at 7200.00 MD

WELLPATH DATA (138 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]
0.00	0.000	248.560	0.00	0.00	0.00	0.00	596200.20	638866.50	32°45'21.408"N	104°01'13.479"W	0.00
200.00	0.660	248.560	200.00	1.06	-0.42	-1.07	596199.13	638866.08	32°45'21.404"N	104°01'13.492"W	0.33
400.00	0.720	220.840	399.98	2.90	-1.79	-2.97	596197.23	638864.71	32°45'21.391"N	104°01'13.514"W	0.17
600.00	0.390	156.870	599.97	3.39	-3.37	-3.52	596196.68	638863.13	32°45'21.375"N	104°01'13.521"W	0.33
800.00	0.490	129.460	799.97	2.42	-4.54	-2.59	596197.61	638861.96	32°45'21.363"N	104°01'13.510"W	0.12
1000.00	0.920	97.210	999.95	0.14	-5.28	-0.34	596199.86	638861.22	32°45'21.356"N	104°01'13.484"W	0.28
1200.00	0.890	100.290	1199.93	-3.00	-5.76	2.78	596202.98	638860.74	32°45'21.351"N	104°01'13.447"W	0.03
1400.00	0.750	138.720	1399.91	-5.44	-7.02	5.17	596205.37	638859.48	32°45'21.339"N	104°01'13.419"W	0.28
1600.00	0.950	156.200	1599.89	-7.06	-9.52	6.71	596206.91	638856.98	32°45'21.314"N	104°01'13.401"W	0.16
1800.00	0.940	164.330	1799.86	-8.29	-12.62	7.82	596208.02	638853.88	32°45'21.283"N	104°01'13.388"W	0.07
2000.00	1.070	166.240	1999.83	-9.30	-16.01	8.71	596208.90	638850.49	32°45'21.250"N	104°01'13.378"W	0.07
2200.00	1.330	179.930	2199.79	-9.91	-20.15	9.15	596209.35	638846.35	32°45'21.209"N	104°01'13.373"W	0.19
2400.00	1.430	184.800	2399.73	-9.88	-24.96	8.95	596209.15	638841.54	32°45'21.161"N	104°01'13.376"W	0.08
2600.00	1.580	184.650	2599.66	-9.65	-30.19	8.51	596208.71	638836.31	32°45'21.109"N	104°01'13.381"W	0.08
2800.00	1.360	179.150	2799.59	-9.65	-35.31	8.33	596208.53	638831.19	32°45'21.059"N	104°01'13.383"W	0.13
3000.00	1.070	170.770	2999.55	-10.15	-39.53	8.66	596208.86	638826.97	32°45'21.017"N	104°01'13.379"W	0.17
3200.00	0.900	173.350	3199.52	-10.76	-42.93	9.14	596209.34	638823.57	32°45'20.983"N	104°01'13.374"W	0.09
3400.00	0.940	190.280	3399.49	-10.77	-46.11	9.03	596209.23	638820.40	32°45'20.952"N	104°01'13.375"W	0.14
3600.00	1.070	181.110	3599.46	-10.57	-49.59	8.70	596208.90	638816.91	32°45'20.917"N	104°01'13.379"W	0.10
3800.00	1.160	180.490	3799.42	-10.66	-53.48	8.65	596208.85	638813.02	32°45'20.879"N	104°01'13.380"W	0.05
4000.00	1.220	191.570	3999.38	-10.37	-57.59	8.20	596208.40	638808.91	32°45'20.838"N	104°01'13.385"W	0.12
4200.00	1.070	188.980	4199.34	-9.80	-61.52	7.49	596207.69	638804.98	32°45'20.799"N	104°01'13.394"W	0.08
4400.00	0.490	233.770	4399.32	-8.91	-63.87	6.50	596206.70	638802.63	32°45'20.776"N	104°01'13.406"W	0.40
4600.00	0.190	264.050	4599.32	-7.91	-64.41	5.48	596205.68	638802.09	32°45'20.771"N	104°01'13.418"W	0.17
4800.00	0.550	46.940	4799.32	-8.26	-63.79	5.86	596206.06	638802.72	32°45'20.777"N	104°01'13.413"W	0.36
5000.00	0.600	46.440	4999.31	-9.67	-62.41	7.32	596207.52	638804.09	32°45'20.790"N	104°01'13.396"W	0.03
5200.00	0.510	46.940	5199.30	-11.03	-61.08	8.73	596208.93	638805.42	32°45'20.804"N	104°01'13.379"W	0.05
5400.00	0.420	28.400	5399.29	-11.98	-59.83	9.72	596209.92	638806.67	32°45'20.816"N	104°01'13.368"W	0.09
5600.00	0.530	14.030	5599.28	-12.49	-58.29	10.30	596210.50	638808.22	32°45'20.831"N	104°01'13.361"W	0.08
5800.00	0.640	23.320	5799.27	-13.09	-56.37	10.96	596211.16	638810.14	32°45'20.850"N	104°01'13.353"W	0.07



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Area	Eddy County, NM	Well	No. 2H
Field	(Sand) Sec 12, T18S, R29E	Wellbore	No. 2H AWB
Facility	Sand Tank Fed Com No. 2H	Sidetrack from	No. 2 AWB at 7200.00 MD

WELLPATH DATA (138 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]
6000.00	0.920	48.480	5999.26	-14.65	-54.28	12.61	596212.81	638812.23	32°45'20.871"N	104°01'13.334"W	0.22
6200.00	0.750	25.090	6199.24	-16.32	-52.03	14.37	596214.56	638814.48	32°45'20.893"N	104°01'13.313"W	0.19
6400.00	1.570	336.310	6399.20	-15.64	-48.33	13.82	596214.02	638818.17	32°45'20.930"N	104°01'13.319"W	0.61
6600.00	3.790	330.250	6598.97	-10.95	-40.08	9.44	596209.64	638826.42	32°45'21.011"N	104°01'13.370"W	1.12
6800.00	5.760	321.140	6798.26	-0.86	-26.53	-0.14	596200.06	638839.97	32°45'21.146"N	104°01'13.482"W	1.05
7000.00	3.350	66.910	6997.87	0.44	-16.41	-1.06	596199.14	638850.09	32°45'21.246"N	104°01'13.493"W	3.70
7200.00	2.550	113.990	7197.63	-8.98	-15.92	8.38	596208.58	638850.58	32°45'21.250"N	104°01'13.382"W	1.23
7356.00	2.600	112.700	7353.47	-15.51	-18.70	14.81	596215.01	638847.80	32°45'21.223"N	104°01'13.307"W	0.05
7381.00	1.300	136.100	7378.46	-16.25	-19.12	15.53	596215.73	638847.38	32°45'21.219"N	104°01'13.298"W	5.99
7413.00	3.600	257.900	7410.44	-15.53	-19.60	14.80	596215.00	638846.91	32°45'21.214"N	104°01'13.307"W	13.83
7445.00	8.800	263.200	7442.24	-12.14	-20.10	11.39	596211.59	638846.41	32°45'21.209"N	104°01'13.347"W	16.33
7476.00	13.900	265.600	7472.62	-6.09	-20.66	5.32	596205.52	638845.84	32°45'21.204"N	104°01'13.418"W	16.52
7508.00	18.900	264.900	7503.31	2.87	-21.42	-3.68	596196.52	638845.08	32°45'21.196"N	104°01'13.523"W	15.64
7540.00	22.400	265.400	7533.25	14.07	-22.37	-14.93	596185.27	638844.13	32°45'21.187"N	104°01'13.655"W	10.95
7572.00	25.400	266.400	7562.50	26.96	-23.29	-27.86	596172.35	638843.21	32°45'21.179"N	104°01'13.806"W	9.46
7604.00	28.700	268.100	7591.00	41.45	-23.98	-42.39	596157.81	638842.53	32°45'21.172"N	104°01'13.977"W	10.59
7635.00	31.200	268.500	7617.86	56.89	-24.43	-57.86	596142.35	638842.07	32°45'21.168"N	104°01'14.158"W	8.09
7667.00	34.100	269.900	7644.80	74.13	-24.66	-75.12	596125.09	638841.84	32°45'21.166"N	104°01'14.360"W	9.36
7699.00	37.700	270.100	7670.71	92.88	-24.66	-93.88	596106.33	638841.84	32°45'21.167"N	104°01'14.580"W	11.26
7731.00	41.200	271.200	7695.42	113.20	-24.43	-114.21	596086.00	638842.08	32°45'21.170"N	104°01'14.818"W	11.15
7763.00	44.000	272.000	7718.97	134.86	-23.82	-135.86	596064.36	638842.68	32°45'21.177"N	104°01'15.071"W	8.91
7795.00	48.200	272.400	7741.16	157.91	-22.93	-158.89	596041.32	638843.57	32°45'21.186"N	104°01'15.341"W	13.16
7826.00	52.000	272.400	7761.04	181.69	-21.93	-182.65	596017.57	638844.57	32°45'21.197"N	104°01'15.619"W	12.26
7859.00	55.300	272.400	7780.60	208.26	-20.82	-209.20	595991.02	638845.68	32°45'21.208"N	104°01'15.930"W	10.00
7890.00	59.400	272.300	7797.32	234.36	-19.75	-235.27	595964.95	638846.75	32°45'21.220"N	104°01'16.235"W	13.23
7922.00	63.500	272.700	7812.61	262.46	-18.52	-263.35	595936.87	638847.98	32°45'21.233"N	104°01'16.564"W	12.86
7954.00	65.800	272.900	7826.31	291.38	-17.11	-292.23	595907.99	638849.39	32°45'21.247"N	104°01'16.902"W	7.21
7986.00	66.100	272.000	7839.35	320.60	-15.86	-321.43	595878.80	638850.64	32°45'21.261"N	104°01'17.244"W	2.73
8018.00	67.400	271.800	7851.98	350.00	-14.89	-350.81	595849.42	638851.61	32°45'21.271"N	104°01'17.588"W	4.10
8050.00	71.700	272.100	7863.16	379.97	-13.87	-380.77	595819.46	638852.64	32°45'21.282"N	104°01'17.938"W	13.47



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Operator	Yates Petroleum Corporation	Slot	No. 2H SHL
Area	Eddy County, NM	Well	No. 2H
Field	(Sand) Sec 12, T18S, R29E	Wellbore	No. 2H AWB
Facility	Sand Tank Fed Com No. 2H	Sidetrack from	No. 2 AWB at 7200.00 MD

WELLPATH DATA (138 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]
8081.00	74.900	272.300	7872.06	409.66	-12.73	-410.44	595789.80	638853.78	32°45'21.294"N	104°01'18.286"W	10.34
8106.00	76.100	272.000	7878.32	433.87	-11.82	-434.62	595765.61	638854.68	32°45'21.304"N	104°01'18.569"W	4.94
8138.00	77.600	271.700	7885.60	465.03	-10.81	-465.77	595734.47	638855.69	32°45'21.315"N	104°01'18.934"W	4.78
8176.00	79.300	270.800	7893.21	502.25	-10.00	-502.99	595697.26	638856.50	32°45'21.324"N	104°01'19.369"W	5.04
8207.00	80.900	269.900	7898.54	532.77	-9.81	-533.52	595666.72	638856.69	32°45'21.327"N	104°01'19.727"W	5.90
8239.00	85.000	269.000	7902.47	564.49	-10.12	-565.27	595634.97	638856.38	32°45'21.325"N	104°01'20.099"W	13.11
8271.00	89.900	269.000	7903.89	596.40	-10.68	-597.23	595603.02	638855.82	32°45'21.320"N	104°01'20.473"W	15.31
8303.00	92.800	268.800	7903.14	628.33	-11.29	-629.21	595571.04	638855.21	32°45'21.315"N	104°01'20.847"W	9.08
8334.00	93.400	268.700	7901.46	659.23	-11.97	-660.15	595540.10	638854.53	32°45'21.309"N	104°01'21.210"W	1.96
8366.00	93.700	268.800	7899.48	691.11	-12.66	-692.09	595508.17	638853.84	32°45'21.303"N	104°01'21.584"W	0.99
8398.00	94.100	268.600	7897.30	722.98	-13.39	-724.00	595476.26	638853.11	32°45'21.297"N	104°01'21.957"W	1.40
8430.00	94.600	268.300	7894.88	754.82	-14.25	-755.90	595444.36	638852.25	32°45'21.289"N	104°01'22.331"W	1.82
8462.00	94.100	269.000	7892.45	786.67	-15.00	-787.80	595412.47	638851.50	32°45'21.283"N	104°01'22.704"W	2.68
8494.00	94.100	269.400	7890.16	818.54	-15.45	-819.71	595380.55	638851.05	32°45'21.279"N	104°01'23.078"W	1.25
8525.00	93.200	269.800	7888.19	849.45	-15.67	-850.65	595349.62	638850.84	32°45'21.278"N	104°01'23.440"W	3.18
8557.00	91.300	270.300	7886.93	881.40	-15.64	-882.62	595317.65	638850.86	32°45'21.279"N	104°01'23.815"W	6.14
8589.00	90.100	271.100	7886.54	913.39	-15.25	-914.62	595285.66	638851.25	32°45'21.284"N	104°01'24.189"W	4.51
8621.00	89.900	271.500	7886.54	945.38	-14.52	-946.61	595253.67	638851.98	32°45'21.292"N	104°01'24.564"W	1.40
8653.00	90.000	271.200	7886.57	977.38	-13.77	-978.60	595221.68	638852.73	32°45'21.301"N	104°01'24.938"W	0.99
8684.00	90.300	272.000	7886.49	1008.38	-12.90	-1009.59	595190.70	638853.60	32°45'21.310"N	104°01'25.301"W	2.76
8716.00	90.500	272.400	7886.26	1040.38	-11.67	-1041.56	595158.72	638854.83	32°45'21.323"N	104°01'25.676"W	1.40
8747.00	90.900	273.000	7885.89	1071.37	-10.21	-1072.53	595127.76	638856.29	32°45'21.338"N	104°01'26.038"W	2.33
8779.00	91.600	273.600	7885.19	1103.36	-8.37	-1104.46	595095.83	638858.13	32°45'21.358"N	104°01'26.412"W	2.88
8811.00	92.000	273.900	7884.18	1135.33	-6.28	-1136.38	595063.91	638860.22	32°45'21.379"N	104°01'26.786"W	1.56
8843.00	92.400	273.800	7882.95	1167.29	-4.13	-1168.28	595032.01	638862.37	32°45'21.401"N	104°01'27.159"W	1.29
8906.00	92.700	273.100	7880.15	1230.22	-0.34	-1231.11	594969.19	638866.16	32°45'21.441"N	104°01'27.895"W	1.21
8970.00	93.300	273.500	7876.80	1294.11	3.33	-1294.91	594905.39	638869.83	32°45'21.479"N	104°01'28.642"W	1.13
9033.00	92.700	273.400	7873.50	1357.01	7.12	-1357.71	594842.60	638873.62	32°45'21.518"N	104°01'29.377"W	0.97
9097.00	92.400	272.900	7870.66	1420.94	10.63	-1421.55	594778.76	638877.13	32°45'21.555"N	104°01'30.124"W	0.91
9160.00	91.900	273.200	7868.29	1483.89	13.98	-1484.42	594715.90	638880.48	32°45'21.590"N	104°01'30.860"W	0.93



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Field	(Sand) Sec 12, T18S, R29E	Wellbore	No. 2H AWB
Facility	Sand Tank Fed Com No. 2H	Sidetrack from	No. 2 AWB at 7200.00 MD

WELLPATH DATA (138 stations)

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9224.00	91.400	273.400	7866.45	1547.85	17.67	-1548.29	594652.04	638884.16	32°45'21.628"N	104°01'31.608"W	0.84
9287.00	91.200	272.400	7865.02	1610.83	20.85	-1611.19	594589.14	638887.35	32°45'21.661"N	104°01'32.344"W	1.62
9351.00	91.900	272.300	7863.29	1674.80	23.48	-1675.11	594525.23	638889.97	32°45'21.689"N	104°01'33.093"W	1.10
9414.00	91.500	273.000	7861.42	1737.77	26.39	-1738.02	594462.33	638892.89	32°45'21.720"N	104°01'33.829"W	1.28
9473.00	91.400	273.000	7859.93	1796.75	29.47	-1796.92	594403.43	638895.97	32°45'21.752"N	104°01'34.519"W	0.17
9536.00	92.200	273.000	7857.95	1859.71	32.77	-1859.80	594340.56	638899.27	32°45'21.786"N	104°01'35.255"W	1.27
9600.00	92.100	273.200	7855.55	1923.65	36.23	-1923.66	594276.70	638902.73	32°45'21.822"N	104°01'36.003"W	0.35
9663.00	91.400	273.300	7853.62	1986.61	39.80	-1986.53	594213.84	638906.29	32°45'21.860"N	104°01'36.739"W	1.12
9727.00	91.000	272.300	7852.28	2050.59	42.92	-2050.44	594149.93	638909.42	32°45'21.892"N	104°01'37.487"W	1.68
9791.00	91.700	271.700	7850.78	2114.58	45.16	-2114.38	594086.00	638911.65	32°45'21.916"N	104°01'38.235"W	1.44
9854.00	91.100	272.100	7849.24	2177.56	47.25	-2177.32	594023.05	638913.74	32°45'21.939"N	104°01'38.972"W	1.14
9918.00	91.300	272.200	7847.90	2241.54	49.65	-2241.27	593959.12	638916.14	32°45'21.964"N	104°01'39.721"W	0.35
9981.00	91.900	271.900	7846.14	2304.52	51.90	-2304.20	593896.19	638918.39	32°45'21.988"N	104°01'40.458"W	1.06
10044.00	91.500	272.500	7844.27	2367.49	54.32	-2367.13	593833.27	638920.81	32°45'22.014"N	104°01'41.194"W	1.14
10108.00	91.500	272.600	7842.59	2431.46	57.16	-2431.04	593769.36	638923.66	32°45'22.044"N	104°01'41.943"W	0.16
10171.00	91.100	273.500	7841.16	2494.44	60.51	-2493.93	593706.47	638927.01	32°45'22.079"N	104°01'42.679"W	1.56
10235.00	91.300	273.800	7839.82	2558.40	64.59	-2557.79	593642.62	638931.08	32°45'22.121"N	104°01'43.427"W	0.56
10299.00	91.900	273.500	7838.04	2622.36	68.66	-2621.64	593578.78	638935.15	32°45'22.163"N	104°01'44.174"W	1.05
10362.00	91.300	273.600	7836.28	2685.31	72.56	-2684.49	593515.93	638939.05	32°45'22.204"N	104°01'44.910"W	0.97
10426.00	91.200	273.700	7834.88	2749.28	76.63	-2748.34	593452.08	638943.13	32°45'22.246"N	104°01'45.657"W	0.22
10490.00	91.700	272.800	7833.26	2813.25	80.26	-2812.22	593388.21	638946.75	32°45'22.283"N	104°01'46.405"W	1.61
10553.00	91.500	273.200	7831.50	2876.21	83.56	-2875.11	593325.33	638950.05	32°45'22.318"N	104°01'47.142"W	0.71
10617.00	91.000	272.900	7830.11	2940.19	86.96	-2939.00	593261.44	638953.45	32°45'22.353"N	104°01'47.890"W	0.91
10679.00	91.200	272.200	7828.92	3002.18	89.72	-3000.93	593199.52	638956.21	32°45'22.382"N	104°01'48.615"W	1.17
10742.00	90.700	273.900	7827.87	3065.16	93.07	-3063.83	593136.62	638959.56	32°45'22.417"N	104°01'49.351"W	2.81
10806.00	91.100	273.800	7826.87	3129.12	97.37	-3127.68	593072.78	638963.86	32°45'22.462"N	104°01'50.098"W	0.64
10870.00	91.600	273.500	7825.36	3193.08	101.44	-3191.53	593008.93	638967.93	32°45'22.504"N	104°01'50.846"W	0.91
10933.00	91.900	273.000	7823.43	3256.04	105.01	-3254.40	592946.07	638971.50	32°45'22.541"N	104°01'51.582"W	0.93
10996.00	92.400	272.500	7821.07	3318.99	108.03	-3317.28	592883.19	638974.52	32°45'22.572"N	104°01'52.318"W	1.12
11059.00	91.800	272.600	7818.76	3381.95	110.83	-3380.18	592820.30	638977.32	32°45'22.602"N	104°01'53.054"W	0.97



Actual Wellpath Report

No. 2H AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	Yates Petroleum Corporation	Slot	No. 2H SHL
Area	Eddy County, NM	Well	No. 2H
Field	(Sand) Sec 12, T18S, R29E	Wellbore	No. 2H AWB
Facility	Sand Tank Fed Com No. 2H	Sidetrack from	No. 2 AWB at 7200.00 MD

WELLPATH DATA (138 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]
11123.00	91.700	272.600	7816.81	3445.92	113.73	-3444.08	592756.40	638980.22	32°45'22.632"N	104°01'53.803"W	0.16
11186.00	92.500	272.500	7814.50	3508.87	116.53	-3506.98	592693.51	638983.02	32°45'22.662"N	104°01'54.539"W	1.28
11250.00	92.100	273.000	7811.93	3572.82	119.60	-3570.85	592629.64	638986.09	32°45'22.694"N	104°01'55.287"W	1.00
11313.00	91.800	273.100	7809.79	3635.78	122.95	-3633.72	592566.77	638989.44	32°45'22.729"N	104°01'56.023"W	0.50
11377.00	92.300	272.400	7807.50	3699.73	126.02	-3697.61	592502.90	638992.51	32°45'22.761"N	104°01'56.771"W	1.34
11440.00	91.800	272.900	7805.24	3762.69	128.93	-3760.50	592440.01	638995.42	32°45'22.792"N	104°01'57.507"W	1.12
11504.00	90.700	273.700	7803.85	3826.66	132.61	-3824.38	592376.14	638999.10	32°45'22.830"N	104°01'58.255"W	2.13
11568.00	90.900	274.700	7802.95	3890.61	137.30	-3888.20	592312.32	639003.79	32°45'22.878"N	104°01'59.002"W	1.59
11631.00	91.700	274.900	7801.53	3953.53	142.57	-3950.96	592249.56	639009.06	32°45'22.932"N	104°01'59.737"W	1.31
11695.00	91.400	274.400	7799.79	4017.44	147.76	-4014.73	592185.80	639014.25	32°45'22.985"N	104°02'00.483"W	0.91
11758.00	91.400	274.200	7798.26	4080.38	152.48	-4077.53	592123.00	639018.97	32°45'23.034"N	104°02'01.219"W	0.32
11822.00	91.000	273.400	7796.91	4144.34	156.72	-4141.38	592059.17	639023.21	32°45'23.077"N	104°02'01.966"W	1.40
11886.00	90.800	273.100	7795.91	4208.32	160.35	-4205.26	591995.28	639026.84	32°45'23.115"N	104°02'02.714"W	0.56
11949.00	91.200	272.200	7794.81	4271.31	163.26	-4268.19	591932.36	639029.75	32°45'23.146"N	104°02'03.451"W	1.56
12013.00	91.600	271.900	7793.25	4335.29	165.55	-4332.13	591868.43	639032.04	32°45'23.170"N	104°02'04.199"W	0.78
12076.00	92.600	271.700	7790.94	4398.24	167.53	-4395.05	591805.51	639034.01	32°45'23.191"N	104°02'04.936"W	1.62
12150.00	92.100	269.400	7787.90	4472.15	168.24	-4468.98	591731.59	639034.72	32°45'23.201"N	104°02'05.802"W	3.18
12203.00	92.100	269.400	7785.96	4525.05	167.68	-4521.94	591678.63	639034.17	32°45'23.197"N	104°02'06.422"W	0.00



Actual Wellpath Report

No. 2H AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	Yates Petroleum Corporation	Slot	No. 2H SHL
Area	Eddy County, NM	Well	No. 2H
Field	(Sand) Sec 12, T18S, R29E	Wellbore	No. 2H AWB
Facility	Sand Tank Fed Com No. 2H	Sidetrack from	No. 2 AWB at 7200.00 MD

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
No. 2H PBHL		7785.00	172.61	-4565.48	591635.10	639039.10	32°45'23.247"N	104°02'06.931"W	point

WELLPATH COMPOSITION Ref Wellbore: No. 2H AWB Ref Wellpath: No. 2H AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7200.00	Gyrodatta standard - Drop gyro or Multi-shot	GYRO <200 - 8050>	No. 2 AWB
7200.00	12150.00	NaviTrak (Standard)	MWD	No. 2H AWB
12150.00	12203.00	Blind Drilling (std)	Projection to bit	No. 2H AWB



Yates Petroleum Corporation

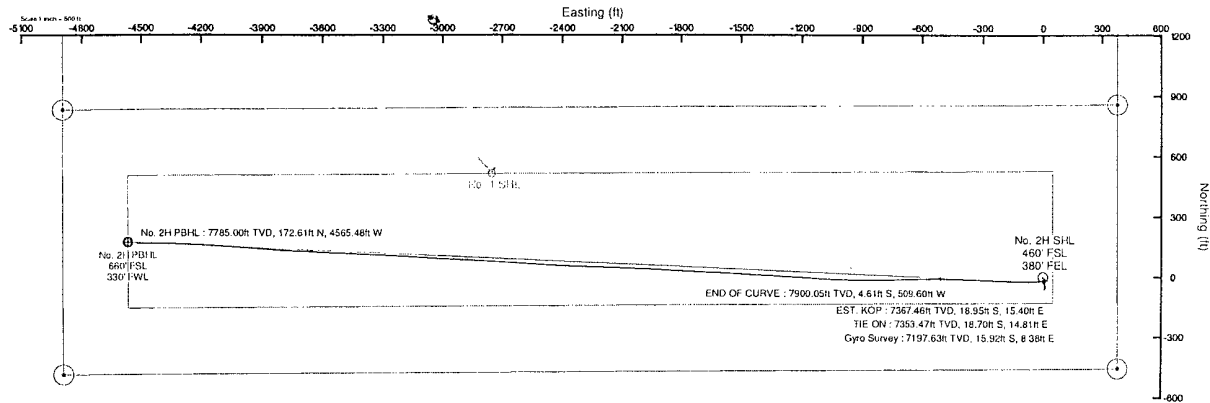
Location: Eddy County, NM
Field: (Sand) Sec 12, T18S, R29E
Facility: Sand Tank Fed Com No. 2H

Slot: No. 2H SHL
Well: No. 2H
Wellbore: No. 2H PWB



Well Profile Data

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Gyro Survey	7200.00	2.550	113.990	7197.63	-15.92	8.38	0.00	-8.98
TIE ON	7356.00	2.600	112.700	7353.47	-18.70	14.81	0.05	-15.51
EST. KOP	7370.00	2.600	112.700	7367.46	-18.95	15.40	0.00	-16.10
END OF CURVE	8209.10	91.623	272.502	7900.05	-4.61	-509.60	11.21	509.06
No. 2H PBHL	12270.47	91.623	272.502	7785.00	172.61	-4565.48	0.00	4568.74



Plot reference wellpath is Plan #2 vs Actual <FINAL>

True vertical depths are referenced to Paterson 511 on No. 2H SHL (KB)

Measured depths are referenced to Paterson 511 on No. 2H SHL (KB)

Paterson 511 on No. 2H SHL (KB) to Mean Sea Level: 3528.3 feet

Mean Sea Level to Mud line (Facility: Sand Tank Fed Com No. 2H): -3509.5 feet

Coordinates are in feet referenced to SL

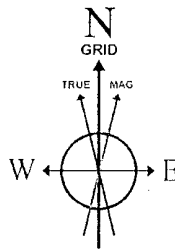
Grid System: NAD27 / TM New Mexico State Planes, Eastern Zone (3001), US feet

North Reference: Grid north

Scale: True distance

Depths are in feet

Created by: Victor Hernandez on 7/2/2010

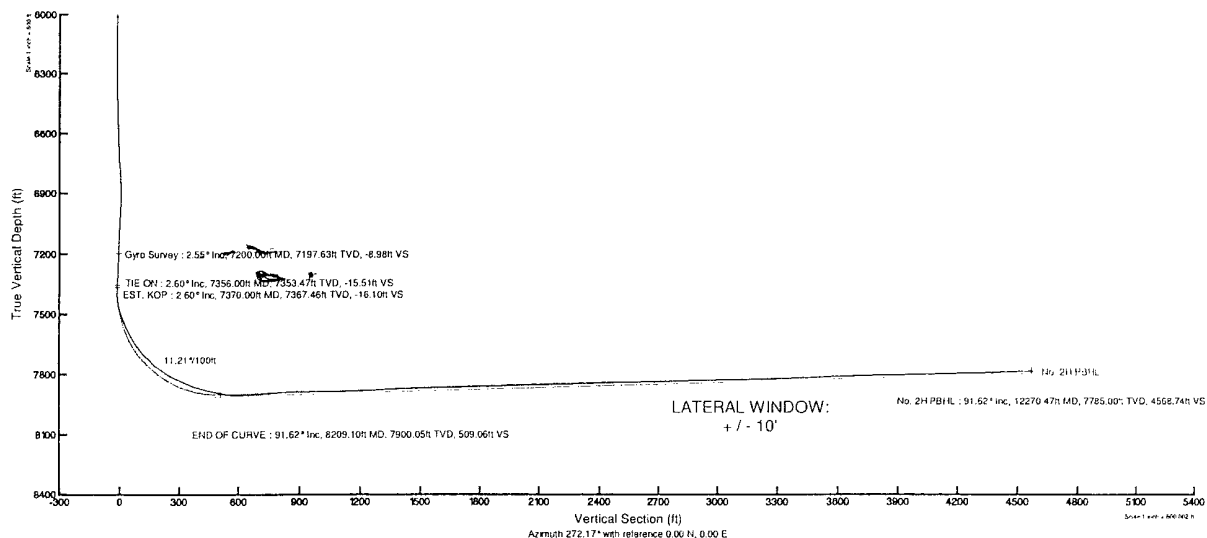


BGGM (1945.0 to 2011.0) Dip: 60.64° Field: 49058.5 nT
Magnetic North is 8.01 degrees East of True North (at 5/11/2010)
Grid North is 0.17 degrees East of True North

To correct azimuth from True to Grid subtract 0.17 degrees

To correct azimuth from Magnetic to Grid add 7.84 degrees

For example: if the Magnetic North Azimuth = 90 degs, then the Grid North Azimuth = 90 + 7.84 = 97.84



ACTUAL WELLPATH REPORT (CSV version)

Prepared by Baker Hughes INTEQ

Software System: WellArchitect®2.0

REFERENCE WELLPATH IDENTIFICATION

Operator	Yates Petroleum Corporation
Area	Eddy County, NM
Field	(Sand) Sec 12, T18S, R29E
Facility	Sand Tank Fed Com No. 2H
Slot	No. 2H SHL
Well	No. 2H
Wellbore	No. 2H AWB
Wellpath	No. 2H AWP
Sidetrack	No. 2 AWB at 7200.00 MD

REPORT SETUP INFORMATION

Projection System	NAD27 / TM New Mexico State Planes, Eastern Zone (3001), US feet
North Reference	Grid
Scale	0.99992
Convergence at slot	0.17° East
Software System	WellArchitect®
User	Victor Hernandez
Report Generated	7/2/2010 at 8:42:11 AM
DataBase/Source file	WA_Midland/ev136137.xml

WELLPATH LOCATION	Local North [ft]	Local East [ft]	Grid East [ft]	Grid North [ft]	Latitude	Longitude
Slot Location	0	0	596200.2	638866.5	32°45'21.4"	104°01'13.479"W
Facility Reference Pt			596200.2	638866.5	32°45'21.4"	104°01'13.479"W
Field Reference Pt			596200.2	638866.5	32°45'21.4"	104°01'13.479"W

WELLPATH DATUM

Calculation method	Minimum curvature
Horizontal Reference Point	SL
Vertical Reference Point	Paterson 511 on No. 2H SHL (KB)
MD Reference Point	Paterson 511 on No. 2H SHL (KB)
Field Vertical Reference	Mean Sea Level

Paterson 511 on No. 2H SHL 18.80ft
 Paterson 511 on No. 2H SHL 3528.30ft
 GL to Mud Line (Facility) 0.00ft
 Section Origin X 0.00ft
 Section Origin Y 0.00ft
 Section Azimuth 272.17°

WELL PATH DATA Wellbore: No. 2H AWB Wellpath: No. 2H AWP † = 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]
0	0	248.56	0	0	0	0	596200.2	638866.5	32°45'21.4	104°01'13.	0
200	0.66	248.56	200	1.06	-0.42	-1.07	596199.1	638866.1	32°45'21.4	104°01'13.	0.33
400	0.72	220.84	399.98	2.9	-1.79	-2.97	596197.2	638864.7	32°45'21.3	104°01'13.	0.17
600	0.39	156.87	599.97	3.39	-3.37	-3.52	596196.7	638863.1	32°45'21.3	104°01'13.	0.33
800	0.49	129.46	799.97	2.42	-4.54	-2.59	596197.6	638862	32°45'21.3	104°01'13.	0.12
1000	0.92	97.21	999.95	0.14	-5.28	-0.34	596199.9	638861.2	32°45'21.3	104°01'13.	0.28
1200	0.89	100.29	1199.93	-3	-5.76	2.78	596203	638860.7	32°45'21.3	104°01'13.	0.03
1400	0.75	138.72	1399.91	-5.44	-7.02	5.17	596205.4	638859.5	32°45'21.3	104°01'13.	0.28
1600	0.95	156.2	1599.89	-7.06	-9.52	6.71	596206.9	638857	32°45'21.3	104°01'13.	0.16
1800	0.94	164.33	1799.86	-8.29	-12.62	7.82	596208	638853.9	32°45'21.2	104°01'13.	0.07
2000	1.07	166.24	1999.83	-9.3	-16.01	8.71	596208.9	638850.5	32°45'21.2	104°01'13.	0.07
2200	1.33	179.93	2199.79	-9.91	-20.15	9.15	596209.4	638846.4	32°45'21.2	104°01'13.	0.19
2400	1.43	184.8	2399.73	-9.88	-24.96	8.95	596209.2	638841.5	32°45'21.1	104°01'13.	0.08
2600	1.58	184.65	2599.66	-9.65	-30.19	8.51	596208.7	638836.3	32°45'21.1	104°01'13.	0.08
2800	1.36	179.15	2799.59	-9.65	-35.31	8.33	596208.5	638831.2	32°45'21.0	104°01'13.	0.13
3000	1.07	170.77	2999.55	-10.15	-39.53	8.66	596208.9	638827	32°45'21.0	104°01'13.	0.17
3200	0.9	173.35	3199.52	-10.76	-42.93	9.14	596209.3	638823.6	32°45'20.9	104°01'13.	0.09
3400	0.94	190.28	3399.49	-10.77	-46.11	9.03	596209.2	638820.4	32°45'20.9	104°01'13.	0.14
3600	1.07	181.11	3599.46	-10.57	-49.59	8.7	596208.9	638816.9	32°45'20.9	104°01'13.	0.1
3800	1.16	180.49	3799.42	-10.66	-53.48	8.65	596208.9	638813	32°45'20.8	104°01'13.	0.05
4000	1.22	191.57	3999.38	-10.37	-57.59	8.2	596208.4	638808.9	32°45'20.8	104°01'13.	0.12
4200	1.07	188.98	4199.34	-9.8	-61.52	7.49	596207.7	638805	32°45'20.7	104°01'13.	0.08
4400	0.49	233.77	4399.32	-8.91	-63.87	6.5	596206.7	638802.6	32°45'20.7	104°01'13.	0.4
4600	0.19	264.05	4599.32	-7.91	-64.41	5.48	596205.7	638802.1	32°45'20.7	104°01'13.	0.17
4800	0.55	46.94	4799.32	-8.26	-63.79	5.86	596206.1	638802.7	32°45'20.7	104°01'13.	0.36
5000	0.6	46.44	4999.31	-9.67	-62.41	7.32	596207.5	638804.1	32°45'20.7	104°01'13.	0.03

5200	0.51	46.94	5199.3	-11.03	-61.08	8.73	596208.9	638805.4	32°45'20.8	104°01'13.	0.05
5400	0.42	28.4	5399.29	-11.98	-59.83	9.72	596209.9	638806.7	32°45'20.8	104°01'13.	0.09
5600	0.53	14.03	5599.28	-12.49	-58.29	10.3	596210.5	638808.2	32°45'20.8	104°01'13.	0.08
5800	0.64	23.32	5799.27	-13.09	-56.37	10.96	596211.2	638810.1	32°45'20.8	104°01'13.	0.07
6000	0.92	48.48	5999.26	-14.65	-54.28	12.61	596212.8	638812.2	32°45'20.8	104°01'13.	0.22
6200	0.75	25.09	6199.24	-16.32	-52.03	14.37	596214.6	638814.5	32°45'20.8	104°01'13.	0.19
6400	1.57	336.31	6399.2	-15.64	-48.33	13.82	596214	638818.2	32°45'20.9	104°01'13.	0.61
6600	3.79	330.25	6598.97	-10.95	-40.08	9.44	596209.6	638826.4	32°45'21.0	104°01'13.	1.12
6800	5.76	321.14	6798.26	-0.86	-26.53	-0.14	596200.1	638840	32°45'21.1	104°01'13.	1.05
7000	3.35	66.91	6997.87	0.44	-16.41	-1.06	596199.1	638850.1	32°45'21.2	104°01'13.	3.7
7200	2.55	113.99	7197.63	-8.98	-15.92	8.38	596208.6	638850.6	32°45'21.2	104°01'13.	1.23
7356	2.6	112.7	7353.47	-15.51	-18.7	14.81	596215	638847.8	32°45'21.2	104°01'13.	0.05
7381	1.3	136.1	7378.46	-16.25	-19.12	15.53	596215.7	638847.4	32°45'21.2	104°01'13.	5.99
7413	3.6	257.9	7410.44	-15.53	-19.6	14.8	596215	638846.9	32°45'21.2	104°01'13.	13.83
7445	8.8	263.2	7442.24	-12.14	-20.1	11.39	596211.6	638846.4	32°45'21.2	104°01'13.	16.33
7476	13.9	265.6	7472.62	-6.09	-20.66	5.32	596205.5	638845.8	32°45'21.2	104°01'13.	16.52
7508	18.9	264.9	7503.31	2.87	-21.42	-3.68	596196.5	638845.1	32°45'21.1	104°01'13.	15.64
7540	22.4	265.4	7533.25	14.07	-22.37	-14.93	596185.3	638844.1	32°45'21.1	104°01'13.	10.95
7572	25.4	266.4	7562.5	26.96	-23.29	-27.86	596172.4	638843.2	32°45'21.1	104°01'13.	9.46
7604	28.7	268.1	7591	41.45	-23.98	-42.39	596157.8	638842.5	32°45'21.1	104°01'13.	10.59
7635	31.2	268.5	7617.86	56.89	-24.43	-57.86	596142.4	638842.1	32°45'21.1	104°01'14.	8.09
7667	34.1	269.9	7644.8	74.13	-24.66	-75.12	596125.1	638841.8	32°45'21.1	104°01'14.	9.36
7699	37.7	270.1	7670.71	92.88	-24.66	-93.88	596106.3	638841.8	32°45'21.1	104°01'14.	11.26
7731	41.2	271.2	7695.42	113.2	-24.43	-114.21	596086	638842.1	32°45'21.1	104°01'14.	11.15
7763	44	272	7718.97	134.86	-23.82	-135.86	596064.4	638842.7	32°45'21.1	104°01'15.	8.91
7795	48.2	272.4	7741.16	157.91	-22.93	-158.89	596041.3	638843.6	32°45'21.1	104°01'15.	13.16
7826	52	272.4	7761.04	181.69	-21.93	-182.65	596017.6	638844.6	32°45'21.1	104°01'15.	12.26
7859	55.3	272.4	7780.6	208.26	-20.82	-209.2	595991	638845.7	32°45'21.2	104°01'15.	10
7890	59.4	272.3	7797.32	234.36	-19.75	-235.27	595965	638846.8	32°45'21.2	104°01'16.	13.23
7922	63.5	272.7	7812.61	262.46	-18.52	-263.35	595936.9	638848	32°45'21.2	104°01'16.	12.86
7954	65.8	272.9	7826.31	291.38	-17.11	-292.23	595908	638849.4	32°45'21.2	104°01'16.	7.21
7986	66.1	272	7839.35	320.6	-15.86	-321.43	595878.8	638850.6	32°45'21.2	104°01'17.	2.73
8018	67.4	271.8	7851.98	350	-14.89	-350.81	595849.4	638851.6	32°45'21.2	104°01'17.	4.1
8050	71.7	272.1	7863.16	379.97	-13.87	-380.77	595819.5	638852.6	32°45'21.2	104°01'17.	13.47
8081	74.9	272.3	7872.06	409.66	-12.73	-410.44	595789.8	638853.8	32°45'21.2	104°01'18.	10.34
8106	76.1	272	7878.32	433.87	-11.82	-434.62	595765.6	638854.7	32°45'21.3	104°01'18.	4.94
8138	77.6	271.7	7885.6	465.03	-10.81	-465.77	595734.5	638855.7	32°45'21.3	104°01'18.	4.78

8176	79.3	270.8	7893.21	502.25	-10	-502.99	595697.3	638856.5	32°45'21.3	104°01'19.	5.04
8207	80.9	269.9	7898.54	532.77	-9.81	-533.52	595666.7	638856.7	32°45'21.3	104°01'19.	5.9
8239	85	269	7902.47	564.49	-10.12	-565.27	595635	638856.4	32°45'21.3	104°01'20.	13.11
8271	89.9	269	7903.89	596.4	-10.68	-597.23	595603	638855.8	32°45'21.3	104°01'20.	15.31
8303	92.8	268.8	7903.14	628.33	-11.29	-629.21	595571	638855.2	32°45'21.3	104°01'20.	9.08
8334	93.4	268.7	7901.46	659.23	-11.97	-660.15	595540.1	638854.5	32°45'21.3	104°01'21.	1.96
8366	93.7	268.8	7899.48	691.11	-12.66	-692.09	595508.2	638853.8	32°45'21.3	104°01'21.	0.99
8398	94.1	268.6	7897.3	722.98	-13.39	-724	595476.3	638853.1	32°45'21.2	104°01'21.	1.4
8430	94.6	268.3	7894.88	754.82	-14.25	-755.9	595444.4	638852.3	32°45'21.2	104°01'22.	1.82
8462	94.1	269	7892.45	786.67	-15	-787.8	595412.5	638851.5	32°45'21.2	104°01'22.	2.68
8494	94.1	269.4	7890.16	818.54	-15.45	-819.71	595380.6	638851.1	32°45'21.2	104°01'23.	1.25
8525	93.2	269.8	7888.19	849.45	-15.67	-850.65	595349.6	638850.8	32°45'21.2	104°01'23.	3.18
8557	91.3	270.3	7886.93	881.4	-15.64	-882.62	595317.7	638850.9	32°45'21.2	104°01'23.	6.14
8589	90.1	271.1	7886.54	913.39	-15.25	-914.62	595285.7	638851.3	32°45'21.2	104°01'24.	4.51
8621	89.9	271.5	7886.54	945.38	-14.52	-946.61	595253.7	638852	32°45'21.2	104°01'24.	1.4
8653	90	271.2	7886.57	977.38	-13.77	-978.6	595221.7	638852.7	32°45'21.3	104°01'24.	0.99
8684	90.3	272	7886.49	1008.38	-12.9	-1009.59	595190.7	638853.6	32°45'21.3	104°01'25.	2.76
8716	90.5	272.4	7886.26	1040.38	-11.67	-1041.56	595158.7	638854.8	32°45'21.3	104°01'25.	1.4
8747	90.9	273	7885.89	1071.37	-10.21	-1072.53	595127.8	638856.3	32°45'21.3	104°01'26.	2.33
8779	91.6	273.6	7885.19	1103.36	-8.37	-1104.46	595095.8	638858.1	32°45'21.3	104°01'26.	2.88
8811	92	273.9	7884.18	1135.33	-6.28	-1136.38	595063.9	638860.2	32°45'21.3	104°01'26.	1.56
8843	92.4	273.8	7882.95	1167.29	-4.13	-1168.28	595032	638862.4	32°45'21.4	104°01'27.	1.29
8906	92.7	273.1	7880.15	1230.22	-0.34	-1231.11	594969.2	638866.2	32°45'21.4	104°01'27.	1.21
8970	93.3	273.5	7876.8	1294.11	3.33	-1294.91	594905.4	638869.8	32°45'21.4	104°01'28.	1.13
9033	92.7	273.4	7873.5	1357.01	7.12	-1357.71	594842.6	638873.6	32°45'21.5	104°01'29.	0.97
9097	92.4	272.9	7870.66	1420.94	10.63	-1421.55	594778.8	638877.1	32°45'21.5	104°01'30.	0.91
9160	91.9	273.2	7868.29	1483.89	13.98	-1484.42	594715.9	638880.5	32°45'21.5	104°01'30.	0.93
9224	91.4	273.4	7866.45	1547.85	17.67	-1548.29	594652	638884.2	32°45'21.6	104°01'31.	0.84
9287	91.2	272.4	7865.02	1610.83	20.85	-1611.19	594589.1	638887.4	32°45'21.6	104°01'32.	1.62
9351	91.9	272.3	7863.29	1674.8	23.48	-1675.11	594525.2	638890	32°45'21.6	104°01'33.	1.1
9414	91.5	273	7861.42	1737.77	26.39	-1738.02	594462.3	638892.9	32°45'21.7	104°01'33.	1.28
9473	91.4	273	7859.93	1796.75	29.47	-1796.92	594403.4	638896	32°45'21.7	104°01'34.	0.17
9536	92.2	273	7857.95	1859.71	32.77	-1859.8	594340.6	638899.3	32°45'21.7	104°01'35.	1.27
9600	92.1	273.2	7855.55	1923.65	36.23	-1923.66	594276.7	638902.7	32°45'21.8	104°01'36.	0.35
9663	91.4	273.3	7853.62	1986.61	39.8	-1986.53	594213.8	638906.3	32°45'21.8	104°01'36.	1.12
9727	91	272.3	7852.28	2050.59	42.92	-2050.44	594149.9	638909.4	32°45'21.8	104°01'37.	1.68
9791	91.7	271.7	7850.78	2114.58	45.16	-2114.38	594086	638911.7	32°45'21.9	104°01'38.	1.44

9854	91.1	272.1	7849.24	2177.56	47.25	-2177.32	594023.1	638913.7	32°45'21.9	104°01'38.	1.14
9918	91.3	272.2	7847.9	2241.54	49.65	-2241.27	593959.1	638916.1	32°45'21.9	104°01'39.	0.35
9981	91.9	271.9	7846.14	2304.52	51.9	-2304.2	593896.2	638918.4	32°45'21.9	104°01'40.	1.06
10044	91.5	272.5	7844.27	2367.49	54.32	-2367.13	593833.3	638920.8	32°45'22.0	104°01'41.	1.14
10108	91.5	272.6	7842.59	2431.46	57.16	-2431.04	593769.4	638923.7	32°45'22.0	104°01'41.	0.16
10171	91.1	273.5	7841.16	2494.44	60.51	-2493.93	593706.5	638927	32°45'22.0	104°01'42.	1.56
10235	91.3	273.8	7839.82	2558.4	64.59	-2557.79	593642.6	638931.1	32°45'22.1	104°01'43.	0.56
10299	91.9	273.5	7838.04	2622.36	68.66	-2621.64	593578.8	638935.2	32°45'22.1	104°01'44.	1.05
10362	91.3	273.6	7836.28	2685.31	72.56	-2684.49	593515.9	638939.1	32°45'22.2	104°01'44.	0.97
10426	91.2	273.7	7834.88	2749.28	76.63	-2748.34	593452.1	638943.1	32°45'22.2	104°01'45.	0.22
10490	91.7	272.8	7833.26	2813.25	80.26	-2812.22	593388.2	638946.8	32°45'22.2	104°01'46.	1.61
10553	91.5	273.2	7831.5	2876.21	83.56	-2875.11	593325.3	638950.1	32°45'22.3	104°01'47.	0.71
10617	91	272.9	7830.11	2940.19	86.96	-2939	593261.4	638953.5	32°45'22.3	104°01'47.	0.91
10679	91.2	272.2	7828.92	3002.18	89.72	-3000.93	593199.5	638956.2	32°45'22.3	104°01'48.	1.17
10742	90.7	273.9	7827.87	3065.16	93.07	-3063.83	593136.6	638959.6	32°45'22.4	104°01'49.	2.81
10806	91.1	273.8	7826.87	3129.12	97.37	-3127.68	593072.8	638963.9	32°45'22.4	104°01'50.	0.64
10870	91.6	273.5	7825.36	3193.08	101.44	-3191.53	593008.9	638967.9	32°45'22.5	104°01'50.	0.91
10933	91.9	273	7823.43	3256.04	105.01	-3254.4	592946.1	638971.5	32°45'22.5	104°01'51.	0.93
10996	92.4	272.5	7821.07	3318.99	108.03	-3317.28	592883.2	638974.5	32°45'22.5	104°01'52.	1.12
11059	91.8	272.6	7818.76	3381.95	110.83	-3380.18	592820.3	638977.3	32°45'22.6	104°01'53.	0.97
11123	91.7	272.6	7816.81	3445.92	113.73	-3444.08	592756.4	638980.2	32°45'22.6	104°01'53.	0.16
11186	92.5	272.5	7814.5	3508.87	116.53	-3506.98	592693.5	638983	32°45'22.6	104°01'54.	1.28
11250	92.1	273	7811.93	3572.82	119.6	-3570.85	592629.6	638986.1	32°45'22.6	104°01'55.	1
11313	91.8	273.1	7809.79	3635.78	122.95	-3633.72	592566.8	638989.4	32°45'22.7	104°01'56.	0.5
11377	92.3	272.4	7807.5	3699.73	126.02	-3697.61	592502.9	638992.5	32°45'22.7	104°01'56.	1.34
11440	91.8	272.9	7805.24	3762.69	128.93	-3760.5	592440	638995.4	32°45'22.7	104°01'57.	1.12
11504	90.7	273.7	7803.85	3826.66	132.61	-3824.38	592376.1	638999.1	32°45'22.8	104°01'58.	2.13
11568	90.9	274.7	7802.95	3890.61	137.3	-3888.2	592312.3	639003.8	32°45'22.8	104°01'59.	1.59
11631	91.7	274.9	7801.53	3953.53	142.57	-3950.96	592249.6	639009.1	32°45'22.9	104°01'59.	1.31
11695	91.4	274.4	7799.79	4017.44	147.76	-4014.73	592185.8	639014.3	32°45'22.9	104°02'00.	0.91
11758	91.4	274.2	7798.26	4080.38	152.48	-4077.53	592123	639019	32°45'23.0	104°02'01.	0.32
11822	91	273.4	7796.91	4144.34	156.72	-4141.38	592059.2	639023.2	32°45'23.0	104°02'01.	1.4
11886	90.8	273.1	7795.91	4208.32	160.35	-4205.26	591995.3	639026.8	32°45'23.1	104°02'02.	0.56
11949	91.2	272.2	7794.81	4271.31	163.26	-4268.19	591932.4	639029.8	32°45'23.1	104°02'03.	1.56
12013	91.6	271.9	7793.25	4335.29	165.55	-4332.13	591868.4	639032	32°45'23.1	104°02'04.	0.78
12076	92.6	271.7	7790.94	4398.24	167.53	-4395.05	591805.5	639034	32°45'23.1	104°02'04.	1.62
12150	92.1	269.4	7787.9	4472.15	168.24	-4468.98	591731.6	639034.7	32°45'23.2	104°02'05.	3.18

12203	92.1	269.4	7785.96	4525.05	167.68	-4521.94	591678.6	639034.2	32°45'23.1"	104°02'06.1"	0
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T A R G E T S

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape	Comment
No. 2H PBHL		7785	172.61	-4565.48	591635.1	639039.1	32°45'23.2"	104°02'06.1"	point	

WELLPATH COMPOSITION Ref Wellbore: No. 2H AWB Ref Wellpath: No. 2H AWP

Log Name/Comment	Start MD [ft]	End MD [ft]	Pos Unc	Model
GYRO <200 - 8050>	0	7200		Gyrodata standard - Drop gyro or Multi-shot
MWD	7200	12150		NaviTrak (Standard)
Projection to bit	12150	12203		Blind Drilling (std)