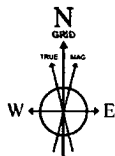


Well Profile Data								
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	8229.00	2.030	108.890	8226.51	32.31	-36.58	0.00	-32.10
Est KOP	8352.50	2.030	108.890	8349.93	30.89	-32.44	0.00	-30.71
EOC	9233.23	88.600	182.750	8917.00	-528.54	-40.44	10.00	528.76
EOT	9382.36	88.960	179.789	8920.18	-677.58	-43.74	2.00	677.82
No. 3H PBHL	13616.88	88.960	179.789	8997.00	-4911.37	-28.12	0.00	4911.45

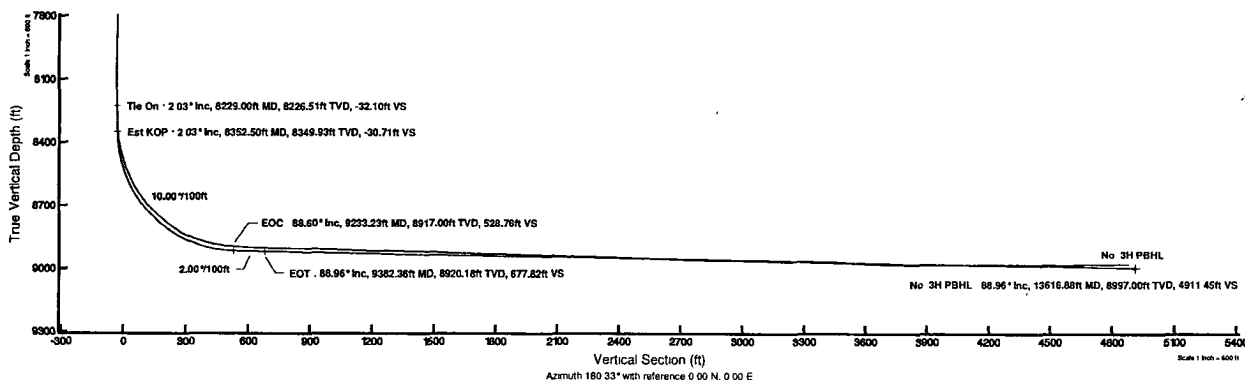
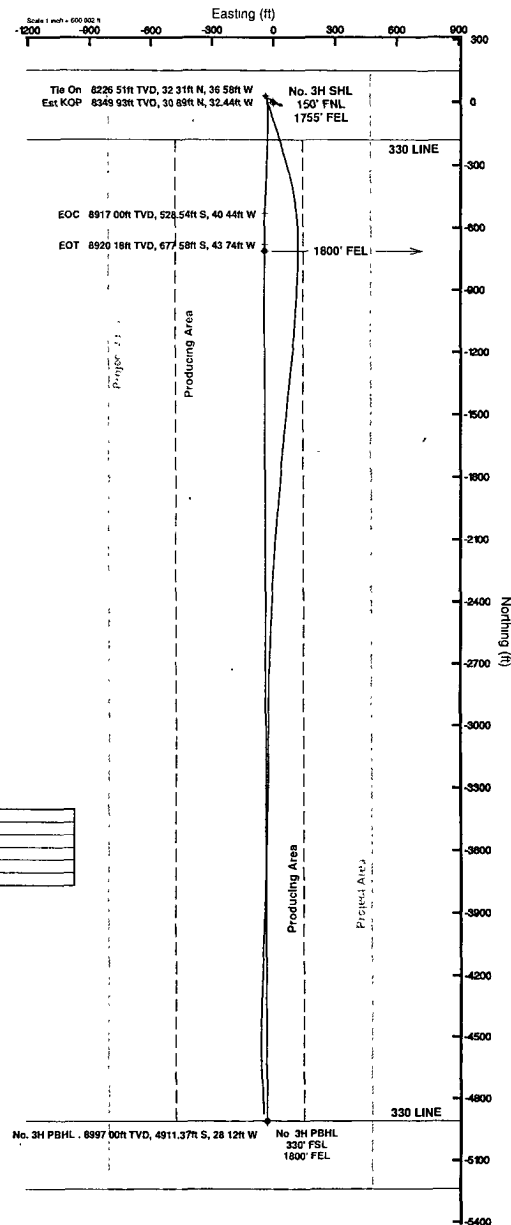
30-015-37198

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BGGM (1945 0 to 2012 0) Dip: 60.46° Field: 48848.7 nT
Magnetic North is 7.96 degrees East of True North (at 3/2/2011)
Grid North is 0.12 degrees East of True North
To correct azimuth from True to Grid subtract 0.12 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

Plot reference wellpath is Plan 1	
True vertical depths are referenced to Rig on No. 3H SHL (KB)	Grid System: NAD83 / TM New Mexico SP, Eastern Zone (3001), 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: 3311 feet	Scale: True distance
Mean Sea Level to Mud line (R. Slot: No. 3H SHL): 3294 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: casbphk on 5/8/2011



Actual Wellpath Report

No. 3H AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	Mewbourne Oil Company	Slot	No. 3H SHL
Area	Eddy County, NM	Well	No. 3H
Field	(Ruger) Sec 6, T20S, R29E	Wellbore	No. 3H AWP
Facility	Ruger 6 Federal Com No. 3H		

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	Calhphik
Scale	0.999914	Report Generated	5/27/2011 at 8:26:50 AM
Convergence at slot	0.12° East	Database/Source file	WA Midland/No_3H_AWP.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	568460.81	585552.10	32°36'34.526"N	104°06'39.618"W
Facility Reference Pt			568460.81	585552.10	32°36'34.526"N	104°06'39.618"W
Field Reference Pt			568460.81	585552.10	32°36'34.526"N	104°06'39.618"W

WELLPATH DATUM			
Calculation method	Minimum curvature	Rig on No. 3h SHL (KB) to GL	17.00ft
Horizontal Reference Pt	Slot	Rig on No. 3h SHL (KB) to Mean Sea Level	3311.00ft
Vertical Reference Pt	Rig on No. 3h SHL (KB)	Rig on No. 3h SHL (KB) to Mud Line at Slot (No. 3H SHL)	17.00ft
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	180.33°

Actual Wellpath Report

No. 3H AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 3H SHL
Area	Eddy County, NM	Well	No. 3H
Field	(Ruger) Sec 6, T20S, R29E	Wellbore	No. 3H AWP
Facility	Ruger 6 Federal Com No. 3H		

WELLPATH DATA (252 stations) † = interpolated/extrapolated station

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	191.860	0.00	0.00	0.00	0.00	568460.81	585552.10	32°36'34.526"N	104°06'39.618"W	0.00	
17.00	0.000	191.860	17.00	0.00	0.00	0.00	568460.81	585552.10	32°36'34.526"N	104°06'39.618"W	0.00	
100.00	0.980	191.860	100.00	0.70	-0.69	-0.15	568460.66	585551.41	32°36'34.519"N	104°06'39.620"W	1.18	
200.00	0.720	177.050	199.98	2.16	-2.16	-0.29	568460.52	585549.95	32°36'34.504"N	104°06'39.621"W	0.34	
300.00	1.020	132.050	299.97	3.38	3.38	0.40	568461.21	585548.72	32°36'34.492"N	104°06'39.613"W	0.72	
400.00	1.830	115.940	399.94	4.66	-4.68	2.50	568463.31	585547.43	32°36'34.479"N	104°06'39.589"W	0.90	
500.00	1.740	103.110	499.89	5.69	-5.72	5.42	568466.22	585546.38	32°36'34.469"N	104°06'39.555"W	0.41	
600.00	2.270	102.160	599.83	6.43	-6.48	8.83	568469.64	585545.62	32°36'34.461"N	104°06'39.515"W	0.53	
700.00	2.820	84.530	699.74	6.59	-6.66	13.21	568474.02	585545.44	32°36'34.459"N	104°06'39.464"W	0.95	
800.00	2.780	100.940	799.62	6.79	6.89	18.04	568478.85	585545.21	32°36'34.457"N	104°06'39.407"W	0.80	
900.00	3.060	90.050	899.49	7.22	-7.35	23.09	568483.90	585544.75	32°36'34.452"N	104°06'39.348"W	0.62	
1000.00	2.670	97.020	999.36	7.48	-7.64	28.08	568488.88	585544.47	32°36'34.449"N	104°06'39.290"W	0.52	
1100.00	2.020	86.540	1099.28	7.63	-7.82	32.15	568492.95	585544.29	32°36'34.448"N	104°06'39.242"W	0.78	
1200.00	1.530	87.750	1199.23	7.46	-7.66	35.24	568496.05	585544.45	32°36'34.449"N	104°06'39.206"W	0.49	
1300.00	0.920	95.030	1299.21	7.46	7.68	37.37	568498.18	585544.43	32°36'34.449"N	104°06'39.181"W	0.63	
1400.00	0.850	103.660	1399.20	7.70	-7.92	38.89	568499.70	585544.18	32°36'34.446"N	104°06'39.164"W	0.15	
1500.00	0.540	135.050	1499.19	8.20	-8.43	39.95	568500.75	585543.67	32°36'34.441"N	104°06'39.151"W	0.48	
1600.00	0.440	152.620	1599.19	8.87	-9.11	40.46	568501.26	585543.00	32°36'34.435"N	104°06'39.145"W	0.18	
1700.00	0.620	169.930	1699.18	9.75	-9.98	40.73	568501.53	585542.13	32°36'34.426"N	104°06'39.142"W	0.24	
1800.00	0.530	171.000	1799.18	10.73	10.97	40.90	568501.70	585541.14	32°36'34.416"N	104°06'39.140"W	0.09	
1900.00	0.500	159.630	1899.17	11.60	-11.83	41.12	568501.93	585540.27	32°36'34.408"N	104°06'39.138"W	0.11	
2000.00	0.430	145.280	1999.17	12.31	-12.55	41.49	568502.29	585539.55	32°36'34.401"N	104°06'39.133"W	0.14	
2100.00	0.320	159.600	2099.17	12.88	-13.12	41.80	568502.60	585538.98	32°36'34.395"N	104°06'39.130"W	0.14	
2200.00	0.130	136.410	2199.17	13.23	-13.47	41.97	568502.78	585538.64	32°36'34.392"N	104°06'39.128"W	0.21	
2300.00	0.320	150.920	2299.17	13.55	13.79	42.19	568502.99	585538.31	32°36'34.388"N	104°06'39.125"W	0.20	
2400.00	0.100	167.480	2399.16	13.88	-14.12	42.34	568503.15	585537.98	32°36'34.385"N	104°06'39.123"W	0.23	
2500.00	0.200	212.530	2499.16	14.11	-14.35	42.27	568503.07	585537.75	32°36'34.383"N	104°06'39.124"W	0.15	
2600.00	0.240	245.640	2599.16	14.35	-14.59	41.98	568502.79	585537.52	32°36'34.380"N	104°06'39.128"W	0.13	
2700.00	0.860	275.160	2699.16	14.37	-14.61	41.04	568501.85	585537.50	32°36'34.380"N	104°06'39.139"W	0.66	
2800.00	1.140	285.030	2799.14	14.05	14.28	39.34	568500.14	585537.83	32°36'34.384"N	104°06'39.159"W	0.33	
2900.00	0.970	257.560	2899.13	13.98	-14.20	37.55	568498.36	585537.91	32°36'34.384"N	104°06'39.179"W	0.53	
3000.00	0.570	238.070	2999.12	14.43	-14.64	36.30	568497.11	585537.46	32°36'34.380"N	104°06'39.194"W	0.47	
3100.00	0.410	242.860	3099.11	14.86	-15.07	35.56	568496.37	585537.04	32°36'34.376"N	104°06'39.203"W	0.17	
3200.00	0.680	261.020	3199.11	15.12	-15.32	34.66	568495.46	585536.78	32°36'34.373"N	104°06'39.213"W	0.32	
3300.00	0.640	273.070	3299.10	15.19	15.39	33.51	568494.32	585536.72	32°36'34.373"N	104°06'39.227"W	0.14	
3400.00	0.610	271.340	3399.10	15.16	-15.34	32.42	568493.23	585536.76	32°36'34.373"N	104°06'39.239"W	0.04	
3500.00	0.440	273.250	3499.09	15.13	-15.31	31.51	568492.31	585536.80	32°36'34.374"N	104°06'39.250"W	0.17	
3600.00	0.460	269.860	3599.09	15.11	-15.29	30.72	568491.53	585536.82	32°36'34.374"N	104°06'39.259"W	0.03	
3700.00	0.520	270.820	3699.09	15.11	-15.28	29.87	568490.67	585536.82	32°36'34.374"N	104°06'39.269"W	0.06	
3800.00	0.330	267.080	3799.08	15.12	15.29	29.13	568489.93	585536.81	32°36'34.374"N	104°06'39.278"W	0.19	
3900.00	0.410	272.810	3899.08	15.12	-15.29	28.48	568489.29	585536.82	32°36'34.374"N	104°06'39.285"W	0.09	
4000.00	0.090	297.630	3999.08	15.07	-15.23	28.05	568488.86	585536.87	32°36'34.374"N	104°06'39.290"W	0.33	
4100.00	0.290	312.820	4099.08	14.87	-15.03	27.80	568488.61	585537.08	32°36'34.376"N	104°06'39.293"W	0.20	
4200.00	0.790	312.470	4199.08	14.23	-14.39	27.10	568487.91	585537.72	32°36'34.383"N	104°06'39.302"W	0.50	
4300.00	1.060	328.720	4299.06	12.98	13.13	26.12	568486.92	585538.97	32°36'34.395"N	104°06'39.313"W	0.37	

Actual Wellpath Report

No. 3H AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	Mewbourne Oil Company	Slot	No. 3H SHL
Area	Eddy County, NM	Well	No. 3H
Field	(Ruger) Sec 6, T20S, R29E	Wellbore	No. 3H AWB
Facility	Ruger 6 Federal Com No. 3H		

WELLPATH DATA (252 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
4400.00	0.840	316.470	4399.05	11.67	-11.81	25.13	568485.94	585540.29	32°36'34.408"N	104°06'39.325"W	0.30	
4500.00	1.390	312.020	4499.03	10.33	-10.47	23.72	568484.53	585541.64	32°36'34.422"N	104°06'39.341"W	0.56	
4600.00	1.450	307.360	4599.00	8.76	-8.89	21.82	568482.63	585543.22	32°36'34.437"N	104°06'39.363"W	0.13	
4700.00	1.500	304.270	4698.97	7.27	-7.38	19.73	568480.54	585544.72	32°36'34.452"N	104°06'39.388"W	0.09	
4800.00	1.630	302.040	4798.93	5.79	-5.89	17.44	568478.25	585546.21	32°36'34.467"N	104°06'39.414"W	0.14	
4900.00	1.950	307.840	4898.88	4.01	-4.09	14.89	568475.70	585548.01	32°36'34.485"N	104°06'39.444"W	0.37	
5000.00	2.690	308.600	4998.80	1.52	-1.58	11.72	568472.53	585550.52	32°36'34.510"N	104°06'39.481"W	0.74	
5100.00	2.900	306.880	5098.68	-1.44	1.40	7.86	568468.67	585553.50	32°36'34.539"N	104°06'39.526"W	0.23	
5200.00	2.720	303.760	5198.56	-4.26	4.23	3.86	568464.67	585556.34	32°36'34.567"N	104°06'39.573"W	0.24	
5300.00	2.270	297.980	5298.46	-6.48	6.48	0.14	568460.95	585558.59	32°36'34.590"N	104°06'39.616"W	0.52	
5400.00	1.880	300.350	5398.40	-8.22	8.24	-3.02	568457.79	585560.34	32°36'34.607"N	104°06'39.653"W	0.40	
5500.00	1.730	309.130	5498.35	-9.99	10.02	-5.61	568455.20	585562.12	32°36'34.625"N	104°06'39.683"W	0.31	
5600.00	1.800	300.370	5598.30	-11.72	11.77	-8.14	568452.68	585563.87	32°36'34.642"N	104°06'39.713"W	0.28	
5700.00	1.860	299.560	5698.25	-13.30	13.36	-10.90	568449.91	585565.47	32°36'34.658"N	104°06'39.745"W	0.07	
5800.00	1.960	291.790	5798.19	-14.72	14.80	-13.90	568446.91	585566.90	32°36'34.672"N	104°06'39.780"W	0.28	
5900.00	1.980	298.170	5898.13	-16.15	16.25	-17.01	568443.80	585568.35	32°36'34.687"N	104°06'39.817"W	0.22	
6000.00	2.410	289.740	5998.06	-17.66	17.77	-20.51	568440.30	585569.88	32°36'34.702"N	104°06'39.857"W	0.54	
6100.00	2.440	292.630	6097.97	-19.16	19.30	-24.46	568436.35	585571.41	32°36'34.717"N	104°06'39.903"W	0.13	
6200.00	2.250	281.220	6197.89	-20.34	20.50	-28.35	568432.46	585572.61	32°36'34.729"N	104°06'39.949"W	0.50	
6300.00	1.630	278.760	6297.83	-20.92	21.10	-31.68	568429.13	585573.20	32°36'34.735"N	104°06'39.988"W	0.63	
6400.00	2.220	294.930	6397.77	-21.94	22.14	-34.84	568425.97	585574.24	32°36'34.745"N	104°06'40.025"W	0.80	
6500.00	1.940	307.090	6497.71	-23.76	23.97	-37.95	568422.86	585576.07	32°36'34.764"N	104°06'40.061"W	0.52	
6600.00	1.180	308.970	6597.67	-25.41	25.64	-40.10	568420.71	585577.74	32°36'34.780"N	104°06'40.086"W	0.76	
6700.00	0.360	309.600	6697.66	-26.25	26.49	-41.14	568419.67	585578.59	32°36'34.789"N	104°06'40.098"W	0.82	
6800.00	0.450	285.300	6797.66	-26.55	26.79	-41.26	568419.05	585578.89	32°36'34.792"N	104°06'40.106"W	0.19	
6900.00	0.380	261.470	6897.66	-26.60	26.85	-42.47	568418.34	585578.95	32°36'34.792"N	104°06'40.114"W	0.18	
7000.00	0.410	247.800	6997.65	-26.42	26.66	-43.13	568417.69	585578.76	32°36'34.790"N	104°06'40.122"W	0.10	
7100.00	0.260	224.820	7097.65	-26.12	26.37	-43.62	568417.19	585578.47	32°36'34.787"N	104°06'40.127"W	0.20	
7200.00	0.600	177.740	7197.65	-25.43	25.68	-43.76	568417.05	585577.78	32°36'34.781"N	104°06'40.129"W	0.46	
7300.00	0.340	148.740	7297.65	-24.66	24.91	-43.58	568417.23	585577.01	32°36'34.773"N	104°06'40.127"W	0.34	
7400.00	0.680	62.520	7397.64	-24.68	24.93	-42.90	568417.91	585577.03	32°36'34.773"N	104°06'40.119"W	0.74	
7500.00	0.940	356.140	7497.64	-25.77	26.02	-42.43	568418.38	585578.12	32°36'34.784"N	104°06'40.113"W	0.91	
7600.00	1.380	341.500	7597.61	-27.73	27.98	-42.87	568417.94	585580.08	32°36'34.803"N	104°06'40.119"W	0.53	
7700.00	0.440	353.460	7697.60	-29.25	29.50	-43.30	568417.52	585581.60	32°36'34.818"N	104°06'40.123"W	0.95	
7800.00	0.960	18.760	7797.60	-30.26	30.51	-43.13	568417.69	585582.61	32°36'34.828"N	104°06'40.121"W	0.41	
7900.00	1.060	40.170	7897.58	-31.60	31.85	-42.32	568418.50	585583.95	32°36'34.842"N	104°06'40.112"W	0.45	
8000.00	0.590	44.830	7997.57	-32.68	32.92	-41.36	568419.46	585585.02	32°36'34.852"N	104°06'40.101"W	0.47	
8100.00	1.050	96.150	8097.56	-32.96	33.19	-40.08	568420.73	585585.29	32°36'34.855"N	104°06'40.086"W	0.82	
8200.00	1.950	106.150	8197.53	-32.40	32.61	-37.54	568423.28	585584.71	32°36'34.849"N	104°06'40.056"W	0.93	
8229.00	2.030	108.890	8226.51	-32.10	32.31	-36.58	568424.24	585584.41	32°36'34.846"N	104°06'40.045"W	0.43	
8272.00	2.100	118.000	8269.48	-31.49	31.69	-35.16	568425.65	585583.80	32°36'34.840"N	104°06'40.028"W	0.78	
8303.00	2.000	141.100	8300.46	-30.81	31.01	-34.32	568426.49	585583.11	32°36'34.833"N	104°06'40.018"W	2.67	
8335.00	3.200	156.600	8332.43	-29.56	29.75	-33.61	568427.20	585581.85	32°36'34.821"N	104°06'40.010"W	4.31	
8367.00	6.500	165.900	8364.31	-26.99	27.17	-32.82	568427.99	585579.28	32°36'34.795"N	104°06'40.001"W	10.57	
8397.00	9.800	167.100	8394.00	-22.86	23.04	-31.83	568428.98	585575.14	32°36'34.754"N	104°06'39.990"W	11.01	

Actual Wellpath Report

No, 3H AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 3H SHL
Area	Eddy County, NM	Well	No. 3H
Field	(Ruger) Sec 6, T20S, R29E	Wellbore	No. 3H AWP
Facility	Ruger 6 Federal Com No. 3H		

WELLPATH DATA (252 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
8428.00	12.800	167.900	8424.40	-16.93	17.11	-30.53	568430.29	585569.21	32°36'34.696"N	104°06'39.974"W	9.69	
8460.00	15.400	166.000	8455.43	-9.35	9.52	-28.75	568432.06	585561.62	32°36'34.620"N	104°06'39.954"W	8.25	
8492.00	18.200	166.000	8486.06	-0.39	0.54	-26.52	568434.30	585552.65	32°36'34.532"N	104°06'39.928"W	8.75	
8524.00	21.300	166.100	8516.18	10.09	-9.95	-23.91	568436.90	585542.16	32°36'34.428"N	104°06'39.898"W	9.69	
8555.00	24.100	164.500	8544.77	21.64	21.52	20.87	568439.95	585530.59	32°36'34.313"N	104°06'39.862"W	9.25	
8587.00	27.300	164.300	8573.61	34.98	-34.88	-17.13	568443.68	585517.23	32°36'34.181"N	104°06'39.819"W	10.00	
8618.00	30.500	162.500	8600.74	49.30	-49.23	-12.84	568447.97	585502.88	32°36'34.039"N	104°06'39.769"W	10.70	
8650.00	33.500	161.400	8627.88	65.39	-65.35	-7.58	568453.23	585486.76	32°36'33.879"N	104°06'39.708"W	9.55	
8682.00	36.000	160.300	8654.17	82.58	-82.58	-1.60	568459.21	585469.54	32°36'33.709"N	104°06'39.639"W	8.05	
8713.00	38.800	160.700	8678.79	100.29	100.32	4.69	568465.50	585451.79	32°36'33.533"N	104°06'39.566"W	9.07	
8744.00	43.300	160.600	8702.16	119.46	-119.53	11.43	568472.24	585432.59	32°36'33.343"N	104°06'39.487"W	14.52	
8776.00	47.200	161.800	8724.69	140.93	-141.04	18.75	568479.55	585411.08	32°36'33.130"N	104°06'39.402"W	12.47	
8807.00	50.500	162.800	8745.09	163.12	-163.27	25.84	568486.64	585388.85	32°36'32.910"N	104°06'39.320"W	10.92	
8839.00	51.100	163.600	8765.31	186.82	-187.01	33.00	568493.81	585365.11	32°36'32.675"N	104°06'39.237"W	2.70	
8870.00	53.600	164.800	8784.25	210.40	210.63	39.68	568500.49	585341.49	32°36'32.441"N	104°06'39.159"W	8.63	
8902.00	55.800	163.500	8802.74	235.48	-235.75	46.82	568507.62	585316.38	32°36'32.192"N	104°06'39.077"W	7.63	
8933.00	59.200	163.600	8819.39	260.50	-260.82	54.22	568515.03	585291.31	32°36'31.944"N	104°06'38.991"W	10.97	
8965.00	63.300	163.600	8834.78	287.37	-287.73	62.14	568522.94	585264.40	32°36'31.677"N	104°06'38.899"W	12.81	
8996.00	67.400	163.900	8847.70	314.37	-314.77	70.02	568530.82	585237.36	32°36'31.410"N	104°06'38.807"W	13.26	
9028.00	71.200	164.700	8859.01	343.13	343.58	78.12	568538.92	585208.55	32°36'31.124"N	104°06'38.713"W	12.10	
9059.00	73.600	165.600	8868.39	371.65	-372.14	85.69	568546.49	585179.99	32°36'30.842"N	104°06'38.625"W	8.22	
9090.00	75.800	168.800	8876.57	400.76	-401.30	92.31	568553.11	585150.84	32°36'30.553"N	104°06'38.549"W	12.23	
9121.00	79.000	170.900	8883.33	430.51	-431.07	97.63	568558.44	585121.07	32°36'30.258"N	104°06'38.487"W	12.26	
9188.00	84.900	171.900	8892.71	496.01	-496.64	107.55	568568.35	585055.51	32°36'29.609"N	104°06'38.373"W	8.93	
9203.00	85.300	172.400	8893.99	510.81	511.44	109.59	568570.39	585040.71	32°36'29.463"N	104°06'38.349"W	4.26	
9234.00	85.000	172.900	8896.61	541.42	-542.08	113.54	568574.34	585010.07	32°36'29.160"N	104°06'38.304"W	1.88	
9266.00	85.700	175.300	8899.21	573.12	-573.80	116.82	568577.62	584978.35	32°36'28.846"N	104°06'38.267"W	7.79	
9298.00	86.900	178.500	8901.27	604.99	-605.68	118.54	568579.34	584946.48	32°36'28.530"N	104°06'38.247"W	10.66	
9330.00	88.800	180.400	8902.47	636.96	-637.65	118.85	568579.65	584914.50	32°36'28.214"N	104°06'38.244"W	8.39	
9362.00	89.100	180.600	8903.06	668.96	669.65	118.57	568579.37	584882.51	32°36'27.897"N	104°06'38.248"W	1.13	
9393.00	88.800	180.500	8903.63	699.95	-700.64	118.27	568579.07	584851.52	32°36'27.590"N	104°06'38.253"W	1.02	
9425.00	88.300	180.200	8904.44	731.94	-732.63	118.08	568578.88	584819.54	32°36'27.274"N	104°06'38.256"W	1.82	
9457.00	88.300	180.500	8905.39	763.93	-764.62	117.88	568578.68	584787.55	32°36'26.957"N	104°06'38.259"W	0.94	
9488.00	89.700	181.300	8905.93	794.92	-795.61	117.39	568578.19	584756.57	32°36'26.651"N	104°06'38.265"W	5.20	
9520.00	90.000	182.800	8906.01	826.91	827.58	116.25	568577.05	584724.59	32°36'26.334"N	104°06'38.279"W	4.78	
9552.00	89.600	182.800	8906.12	858.88	-859.55	114.69	568575.49	584692.63	32°36'26.018"N	104°06'38.298"W	1.25	
9583.00	88.100	181.800	8906.74	889.85	-890.51	113.44	568574.24	584661.67	32°36'25.712"N	104°06'38.314"W	5.81	
9615.00	88.100	182.800	8907.81	921.81	-922.47	112.16	568572.96	584629.71	32°36'25.396"N	104°06'38.329"W	3.12	
9647.00	87.900	182.900	8908.92	953.76	-954.41	110.57	568571.37	584597.78	32°36'25.080"N	104°06'38.349"W	0.70	
9679.00	88.300	183.400	8909.98	985.71	986.34	108.81	568569.61	584565.85	32°36'24.764"N	104°06'38.370"W	2.00	
9710.00	88.100	183.700	8910.96	1016.64	-1017.27	106.89	568567.69	584534.92	32°36'24.458"N	104°06'38.393"W	1.16	
9742.00	87.900	183.200	8912.07	1048.57	-1049.19	104.97	568565.77	584503.00	32°36'24.142"N	104°06'38.417"W	1.68	
9774.00	87.800	183.800	8913.27	1080.50	-1081.11	103.02	568563.82	584471.09	32°36'23.826"N	104°06'38.440"W	1.90	
9806.00	87.800	184.100	8914.50	1112.42	-1113.01	100.81	568561.61	584439.19	32°36'23.511"N	104°06'38.467"W	0.94	
9838.00	88.200	184.500	8915.62	1144.32	1144.90	98.42	568559.22	584407.50	32°36'23.195"N	104°06'38.496"W	1.77	

Actual Wellpath Report

No, 3H AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	Mowbourne Oil Company	Slot	No. 3H SHL
Area	Eddy County, NM	Well	No. 3H
Field	(Ruger) Sec 6, T20S, R29E	Wellbore	No, 3H AWP
Facility	Ruger 6 Federal Com No. 3H		

WELLPATH DATA (252 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
9870.00	88.700	185.700	8916.49	1176.20	-1176.76	95.57	568556.37	584375.44	32°36'22.880"N	104°06'38.530"W	4.06	
9902.00	90.400	186.000	8916.74	1208.04	-1208.59	92.31	568553.11	584343.62	32°36'22.565"N	104°06'38.569"W	5.39	
9934.00	90.600	185.900	8916.46	1239.89	-1240.42	88.99	568549.80	584311.79	32°36'22.250"N	104°06'38.608"W	0.70	
9965.00	90.300	185.500	8916.21	1270.75	-1271.27	85.91	568546.72	584280.95	32°36'21.945"N	104°06'38.645"W	1.61	
9997.00	89.200	186.200	8916.35	1302.60	-1303.10	82.65	568543.46	584249.12	32°36'21.630"N	104°06'38.684"W	4.07	
10029.00	88.900	185.900	8916.88	1334.44	-1334.91	79.28	568540.08	584217.31	32°36'21.315"N	104°06'38.724"W	1.33	
10061.00	88.700	185.700	8917.55	1366.29	-1366.74	76.05	568536.85	584185.48	32°36'21.000"N	104°06'38.762"W	0.88	
10093.00	88.400	185.500	8918.36	1398.14	-1398.58	72.93	568533.73	584153.65	32°36'20.685"N	104°06'38.800"W	1.13	
10125.00	88.400	185.500	8919.26	1430.00	-1430.42	69.86	568530.66	584121.81	32°36'20.370"N	104°06'38.836"W	0.00	
10156.00	88.400	184.700	8920.12	1460.88	-1461.29	67.11	568527.91	584090.95	32°36'20.065"N	104°06'38.869"W	2.58	
10188.00	87.100	185.600	8921.38	1492.74	-1493.13	64.24	568525.04	584059.10	32°36'19.750"N	104°06'38.904"W	4.94	
10220.00	86.800	185.500	8923.08	1524.56	-1524.94	61.15	568521.95	584027.30	32°36'19.435"N	104°06'38.941"W	0.99	
10251.00	86.800	186.100	8924.81	1555.37	-1555.73	58.02	568518.82	583996.51	32°36'19.131"N	104°06'38.978"W	1.93	
10283.00	87.800	186.000	8926.32	1587.18	-1587.52	54.65	568515.45	583964.73	32°36'18.816"N	104°06'39.018"W	3.14	
10315.00	88.600	185.600	8927.32	1619.01	-1619.34	51.42	568512.22	583932.91	32°36'18.502"N	104°06'39.057"W	2.79	
10347.00	89.200	185.300	8927.94	1650.88	-1651.18	48.38	568509.18	583901.06	32°36'18.186"N	104°06'39.093"W	2.10	
10379.00	89.300	184.700	8928.36	1682.77	-1683.06	45.59	568506.40	583869.19	32°36'17.871"N	104°06'39.126"W	1.90	
10410.00	89.600	185.100	8928.66	1713.67	-1713.95	42.94	568503.75	583838.31	32°36'17.566"N	104°06'39.158"W	1.61	
10442.00	89.600	184.500	8928.88	1745.57	-1745.83	40.26	568501.07	583806.42	32°36'17.250"N	104°06'39.190"W	1.87	
10474.00	88.600	184.900	8929.38	1777.48	-1777.72	37.64	568498.45	583774.54	32°36'16.935"N	104°06'39.221"W	3.37	
10506.00	88.300	185.200	8930.25	1809.36	-1809.58	34.83	568495.63	583742.68	32°36'16.619"N	104°06'39.255"W	1.33	
10538.00	88.100	184.800	8931.25	1841.23	-1841.45	32.04	568492.85	583710.82	32°36'16.304"N	104°06'39.289"W	1.40	
10570.00	88.500	185.300	8932.20	1873.11	-1873.31	29.22	568490.03	583678.96	32°36'15.989"N	104°06'39.322"W	2.00	
10601.00	88.400	185.200	8933.04	1903.98	-1904.17	26.39	568487.20	583648.10	32°36'15.684"N	104°06'39.356"W	0.46	
10633.00	88.600	185.300	8933.88	1935.86	-1936.02	23.46	568484.27	583616.25	32°36'15.369"N	104°06'39.391"W	0.70	
10665.00	88.600	185.300	8934.66	1967.73	-1967.88	20.51	568481.31	583584.40	32°36'15.053"N	104°06'39.426"W	0.00	
10697.00	88.400	185.200	8935.50	1999.60	-1999.73	17.58	568478.39	583552.55	32°36'14.738"N	104°06'39.461"W	0.70	
10728.00	87.400	184.600	8936.63	2030.48	-2030.60	14.93	568475.74	583521.69	32°36'14.433"N	104°06'39.493"W	3.76	
10760.00	87.400	184.400	8938.08	2062.36	-2062.46	12.42	568473.23	583489.82	32°36'14.118"N	104°06'39.523"W	0.62	
10792.00	87.700	183.700	8939.45	2094.26	-2094.35	10.17	568470.98	583457.93	32°36'13.802"N	104°06'39.550"W	2.38	
10823.00	87.800	183.500	8940.67	2125.19	-2125.27	8.22	568469.03	583427.02	32°36'13.496"N	104°06'39.574"W	0.72	
10855.00	89.000	183.600	8941.56	2157.12	-2157.20	6.24	568467.05	583395.10	32°36'13.180"N	104°06'39.598"W	3.76	
10887.00	89.000	183.500	8942.12	2189.07	-2189.13	4.26	568465.07	583363.17	32°36'12.865"N	104°06'39.622"W	0.31	
10919.00	88.800	183.700	8942.74	2221.01	-2221.06	2.25	568463.06	583331.24	32°36'12.549"N	104°06'39.646"W	0.88	
10951.00	88.400	182.800	8943.52	2252.96	-2253.00	0.44	568461.25	583299.30	32°36'12.233"N	104°06'39.668"W	3.08	
10983.00	88.400	183.200	8944.41	2284.91	-2284.94	-1.24	568459.57	583267.36	32°36'11.917"N	104°06'39.688"W	1.25	
11014.00	88.500	182.900	8945.25	2315.87	-2315.89	-2.89	568457.92	583236.42	32°36'11.610"N	104°06'39.708"W	1.02	
11046.00	88.400	182.500	8946.12	2347.83	-2347.84	-4.39	568456.42	583204.47	32°36'11.294"N	104°06'39.727"W	1.29	
11077.00	88.200	182.700	8947.04	2378.79	-2378.79	-5.80	568455.01	583173.52	32°36'10.988"N	104°06'39.744"W	0.91	
11109.00	88.600	182.700	8947.93	2410.75	-2410.75	-7.31	568453.51	583141.57	32°36'10.672"N	104°06'39.762"W	1.25	
11141.00	87.700	182.500	8948.96	2442.71	-2442.70	-8.76	568452.05	583109.62	32°36'10.356"N	104°06'39.780"W	2.88	
11173.00	86.800	181.900	8950.50	2474.65	-2474.64	-9.98	568450.83	583077.69	32°36'10.040"N	104°06'39.795"W	3.38	
11204.00	86.900	181.700	8952.20	2505.59	-2505.57	-10.96	568449.86	583046.75	32°36'09.734"N	104°06'39.807"W	0.72	
11236.00	87.500	182.000	8953.76	2537.55	-2537.52	-11.99	568448.82	583014.81	32°36'09.418"N	104°06'39.820"W	2.10	
11268.00	87.400	182.000	8955.19	2569.50	-2569.47	-13.10	568447.71	582982.86	32°36'09.101"N	104°06'39.834"W	0.31	

Actual Wellpath Report

No, 3H AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 3H SHL
Area	Eddy County, NM	Well	No. 3H
Field	(Ruger) Sec 6, T20S, R29E	Wellbore	No, 3H AWP
Facility	Ruger 6 Federal Com No. 3H		

WELLPATH DATA (252 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
11300.00	87.900	182.200	8956.50	2601.46	-2601.42	-14.27	568446.54	582950.91	32°36'08.785"N	104°06'39.848"W	1.68	
11332.00	87.600	181.800	8957.76	2633.42	-2633.37	-15.39	568445.42	582918.96	32°36'08.469"N	104°06'39.862"W	1.56	
11363.00	89.000	181.800	8958.68	2664.39	-2664.34	-16.36	568444.45	582887.99	32°36'08.163"N	104°06'39.874"W	4.52	
11395.00	88.900	181.600	8959.26	2696.38	-2696.33	-17.31	568443.50	582856.01	32°36'07.846"N	104°06'39.886"W	0.70	
11427.00	88.900	181.800	8959.88	2728.36	-2728.31	-18.26	568442.55	582824.04	32°36'07.530"N	104°06'39.898"W	0.62	
11459.00	88.500	181.600	8960.60	2760.35	-2760.28	-19.21	568441.60	582792.06	32°36'07.214"N	104°06'39.910"W	1.40	
11491.00	88.000	181.000	8961.58	2792.33	-2792.26	-19.94	568440.88	582760.09	32°36'06.897"N	104°06'39.919"W	2.44	
11523.00	88.600	180.600	8962.53	2824.31	-2824.24	-20.38	568440.43	582728.11	32°36'06.581"N	104°06'39.925"W	2.25	
11554.00	89.100	181.000	8963.15	2855.30	-2855.23	-20.82	568440.00	582697.12	32°36'06.274"N	104°06'39.931"W	2.07	
11586.00	89.600	180.500	8963.51	2887.30	-2887.23	-21.23	568439.58	582665.13	32°36'05.957"N	104°06'39.937"W	2.21	
11617.00	89.800	181.100	8963.68	2918.30	-2918.22	-21.67	568439.14	582634.14	32°36'05.651"N	104°06'39.943"W	2.04	
11649.00	90.000	180.800	8963.73	2950.30	-2950.22	-22.20	568438.61	582602.14	32°36'05.334"N	104°06'39.950"W	1.13	
11681.00	90.900	181.400	8963.48	2982.29	-2982.21	-22.81	568438.00	582570.15	32°36'05.018"N	104°06'39.958"W	3.38	
11713.00	91.000	181.400	8962.95	3014.28	-3014.20	-23.59	568437.22	582538.17	32°36'04.701"N	104°06'39.967"W	0.31	
11745.00	90.400	181.000	8962.56	3046.28	-3046.19	-24.26	568436.55	582506.18	32°36'04.385"N	104°06'39.976"W	2.25	
11777.00	90.200	180.600	8962.39	3078.28	-3078.18	-24.71	568436.10	582474.19	32°36'04.068"N	104°06'39.982"W	1.40	
11809.00	89.800	180.100	8962.39	3110.28	-3110.18	-24.91	568435.91	582442.19	32°36'03.751"N	104°06'39.985"W	2.00	
11841.00	89.300	180.000	8962.64	3142.27	-3142.18	-24.93	568435.88	582410.20	32°36'03.435"N	104°06'39.986"W	1.59	
11873.00	88.800	179.600	8963.17	3174.27	-3174.18	-24.82	568435.99	582378.20	32°36'03.118"N	104°06'39.986"W	2.00	
11904.00	88.500	179.800	8963.90	3205.26	-3205.17	-24.66	568436.15	582347.22	32°36'02.812"N	104°06'39.985"W	1.16	
11936.00	88.000	180.100	8964.88	3237.24	-3237.15	-24.63	568436.18	582315.23	32°36'02.495"N	104°06'39.985"W	1.82	
11968.00	88.500	180.100	8965.86	3269.23	-3269.14	-24.69	568436.12	582283.25	32°36'02.179"N	104°06'39.987"W	1.56	
12000.00	89.100	181.000	8966.53	3301.22	-3301.13	-25.00	568435.82	582251.26	32°36'01.862"N	104°06'39.991"W	3.38	
12032.00	88.800	180.900	8967.12	3333.21	-3333.12	-25.53	568435.29	582219.28	32°36'01.546"N	104°06'39.998"W	0.99	
12063.00	89.400	181.300	8967.60	3364.20	-3364.11	-26.12	568434.69	582188.29	32°36'01.239"N	104°06'40.006"W	2.33	
12095.00	90.200	181.700	8967.71	3396.20	-3396.10	-26.96	568433.85	582156.30	32°36'00.922"N	104°06'40.016"W	2.80	
12127.00	89.600	181.700	8967.77	3428.19	-3428.08	-27.91	568432.90	582124.32	32°36'00.606"N	104°06'40.028"W	1.87	
12159.00	87.900	181.600	8968.47	3460.17	-3460.06	-28.83	568431.98	582092.34	32°36'00.290"N	104°06'40.040"W	5.32	
12190.00	85.800	180.800	8970.17	3491.12	-3491.01	-29.48	568431.33	582061.40	32°35'59.983"N	104°06'40.048"W	7.25	
12222.00	85.600	181.000	8972.57	3523.03	-3522.91	-29.98	568430.83	582029.50	32°35'59.668"N	104°06'40.055"W	0.88	
12254.00	86.800	179.400	8974.69	3554.95	-3554.84	-30.09	568430.72	581997.57	32°35'59.352"N	104°06'40.057"W	6.24	
12286.00	87.800	181.700	8976.20	3586.92	-3586.80	-30.40	568430.42	581965.62	32°35'59.035"N	104°06'40.061"W	7.83	
12318.00	88.000	181.700	8977.37	3618.89	-3618.77	-31.35	568429.47	581933.66	32°35'58.719"N	104°06'40.073"W	0.62	
12349.00	87.300	181.600	8978.64	3649.85	-3649.73	-32.24	568428.58	581902.70	32°35'58.413"N	104°06'40.084"W	2.28	
12381.00	87.900	181.600	8979.98	3681.82	-3681.69	-33.13	568427.68	581870.74	32°35'58.097"N	104°06'40.095"W	1.87	
12413.00	89.000	180.900	8980.85	3713.80	-3713.67	-33.83	568426.98	581838.76	32°35'57.780"N	104°06'40.104"W	4.07	
12445.00	88.700	180.600	8981.49	3745.79	-3745.66	-34.25	568426.57	581806.78	32°35'57.464"N	104°06'40.110"W	1.33	
12477.00	88.400	181.300	8982.30	3777.78	-3777.64	-34.78	568426.04	581774.79	32°35'57.147"N	104°06'40.117"W	2.38	
12508.00	89.700	181.300	8982.81	3808.77	-3808.63	-35.48	568425.33	581743.81	32°35'56.841"N	104°06'40.126"W	4.19	
12540.00	89.200	181.700	8983.12	3840.76	-3840.62	-36.32	568424.50	581711.82	32°35'56.524"N	104°06'40.136"W	2.00	
12572.00	88.900	181.500	8983.65	3872.75	-3872.60	-37.21	568423.60	581679.84	32°35'56.208"N	104°06'40.148"W	1.13	
12604.00	89.900	182.100	8983.99	3904.74	-3904.58	-38.22	568422.60	581647.86	32°35'55.891"N	104°06'40.160"W	3.64	
12636.00	90.000	182.400	8984.01	3936.72	-3936.56	-39.47	568421.34	581615.89	32°35'55.575"N	104°06'40.176"W	0.99	
12668.00	91.000	182.300	8983.74	3968.70	-3968.53	-40.78	568420.03	581583.92	32°35'55.259"N	104°06'40.192"W	3.14	
12699.00	91.500	182.500	8983.06	3999.67	-3999.49	-42.08	568418.73	581552.96	32°35'54.952"N	104°06'40.208"W	1.74	

Actual Wellpath Report

No, 3H AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	Mewbourne Oil Company	Slot	No. 3H SHL
Area	Eddy County, NM	Well	No. 3H
Field	(Ruger) Sec 6, T20S, R29E	Wellbore	No, 3H AWP
Facility	Ruger 6 Federal Com No. 3H		

WELLPATH DATA (252 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
12731.00	90.400	182.800	8982.53	4031.64	-4031.45	-43.56	568417.25	581521.00	32°35'54.636"N	104°06'40.226"W	3.56	
12762.00	90.000	183.100	8982.42	4062.60	-4062.41	-45.16	568415.66	581490.05	32°35'54.330"N	104°06'40.245"W	1.61	
12794.00	90.100	182.200	8982.39	4094.58	-4094.38	-46.64	568414.18	581458.08	32°35'54.013"N	104°06'40.263"W	2.83	
12826.00	91.300	181.500	8982.00	4126.56	-4126.36	-47.67	568413.14	581426.11	32°35'53.697"N	104°06'40.276"W	4.34	
12858.00	91.100	181.500	8981.33	4158.55	-4158.34	-48.51	568412.31	581394.13	32°35'53.481"N	104°06'40.287"W	0.62	
12889.00	90.200	181.600	8980.98	4189.54	-4189.33	-49.35	568411.47	581363.14	32°35'53.074"N	104°06'40.297"W	2.92	
12921.00	89.800	181.500	8980.98	4221.53	-4221.31	-50.21	568410.60	581331.16	32°35'52.757"N	104°06'40.308"W	1.29	
12953.00	90.300	181.800	8980.95	4253.52	-4253.30	-51.13	568409.68	581299.17	32°35'52.441"N	104°06'40.320"W	1.82	
12985.00	90.300	181.900	8980.78	4285.51	-4285.28	-52.17	568408.65	581267.19	32°35'52.125"N	104°06'40.333"W	0.31	
13017.00	90.000	181.800	8980.70	4317.50	-4317.27	-53.20	568407.62	581235.21	32°35'51.808"N	104°06'40.345"W	0.99	
13048.00	90.200	181.500	8980.65	4348.49	-4348.25	-54.09	568406.72	581204.23	32°35'51.502"N	104°06'40.357"W	1.16	
13080.00	90.000	181.100	8980.59	4380.49	-4380.25	-54.82	568406.00	581172.24	32°35'51.185"N	104°06'40.366"W	1.40	
13112.00	89.500	180.400	8980.73	4412.49	-4412.24	-55.24	568405.58	581140.25	32°35'50.868"N	104°06'40.371"W	2.69	
13144.00	88.600	180.900	8981.26	4444.48	-4444.24	-55.60	568405.22	581108.26	32°35'50.552"N	104°06'40.377"W	3.22	
13175.00	89.500	180.700	8981.77	4475.48	-4475.23	-56.03	568404.78	581077.27	32°35'50.245"N	104°06'40.382"W	2.97	
13207.00	89.500	180.400	8982.05	4507.47	-4507.23	-56.34	568404.48	581045.27	32°35'49.929"N	104°06'40.387"W	0.94	
13239.00	88.600	179.300	8982.58	4539.47	-4539.22	-56.26	568404.56	581013.28	32°35'49.612"N	104°06'40.387"W	4.44	
13270.00	89.700	179.000	8983.04	4570.46	-4570.21	-55.80	568405.02	580982.29	32°35'49.305"N	104°06'40.382"W	3.68	
13302.00	91.200	178.400	8982.79	4602.44	-4602.20	-55.07	568405.75	580950.30	32°35'48.989"N	104°06'40.374"W	5.05	
13333.00	91.300	178.700	8982.12	4633.42	-4633.19	-54.29	568406.53	580919.32	32°35'48.682"N	104°06'40.366"W	1.02	
13365.00	91.300	178.000	8981.39	4665.39	-4665.16	-53.36	568407.45	580887.35	32°35'48.366"N	104°06'40.356"W	2.19	
13397.00	91.000	178.000	8980.75	4697.36	-4697.14	-52.25	568408.57	580855.38	32°35'48.049"N	104°06'40.344"W	0.94	
13428.00	90.600	177.600	8980.32	4728.33	-4728.11	-51.06	568409.76	580824.41	32°35'47.743"N	104°06'40.330"W	1.82	
13460.00	90.800	177.300	8979.92	4760.28	-4760.08	-49.63	568411.18	580792.44	32°35'47.426"N	104°06'40.315"W	1.13	
13492.00	90.400	178.100	8979.59	4792.25	-4792.05	-48.35	568412.46	580760.47	32°35'47.110"N	104°06'40.300"W	2.79	
13524.00	90.100	177.300	8979.45	4824.21	-4824.02	-47.07	568413.75	580728.50	32°35'46.794"N	104°06'40.286"W	2.67	
13575.00	90.100	177.300	8979.36	4875.14	-4874.97	-44.66	568416.15	580677.56	32°35'46.290"N	104°06'40.259"W	0.00	Project to Bit

Actual Wellpath Report

No, 3H AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	Mewbourne Oil Company	Slot	No. 3H SHL
Area	Eddy County, NM	Well	No. 3H
Field	(Ruger) Sec 6, T20S, R29E	Wellbore	No, 3H AWB
Facility	Ruger 6 Federal Com No. 3H		

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
No. 3H T1		8917.00	-709.07	-43.81	568417.00	584843.10	32°36'27.510"N	104°06'40.148"W	point
No. 3H PBHL		8997.00	-4911.37	-28.12	568432.69	580641.16	32°35'45.929"N	104°06'40.067"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		
17.00	8229.00	Generic gyro - northseeking (Standard)			Gyro		No, 3H AWB		
8229.00	13575.00	NaviTrak (Standard)			MWD		No, 3H AWB		