

Mewbourne Oil Company

Location: Eddy County, NM
Field: (Bradley) Sec 29, T18S, R30E
Facility: Bradley 29 Fed Com No. 1H

Wellbore: No. 1H PWB
Well: No. 1H SHL
SLOT: No. 1H SHL

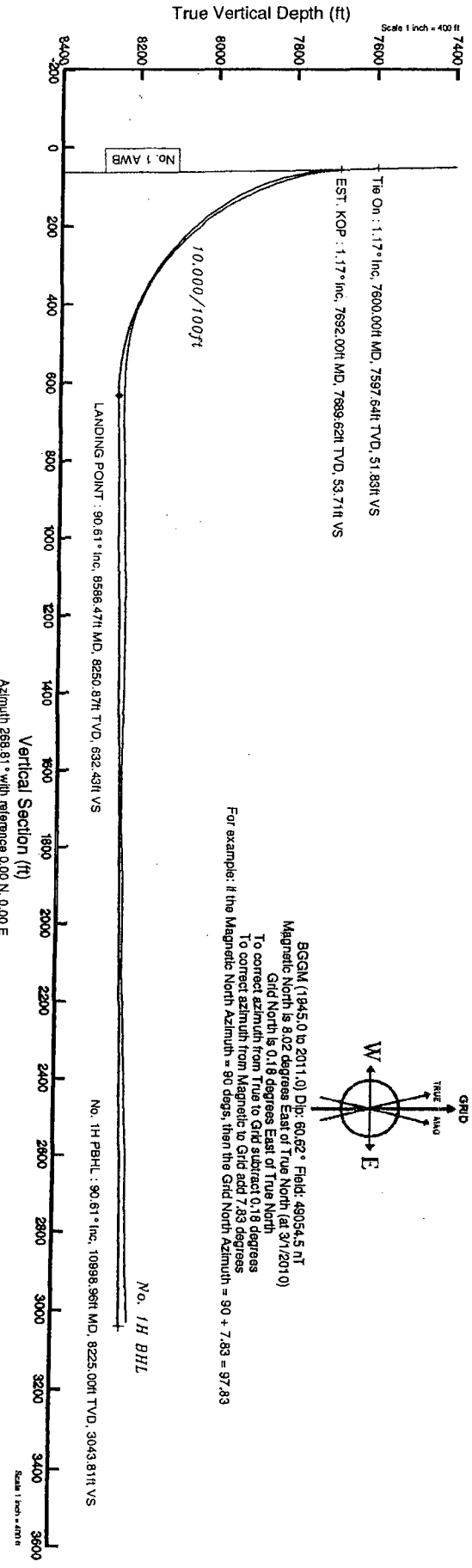
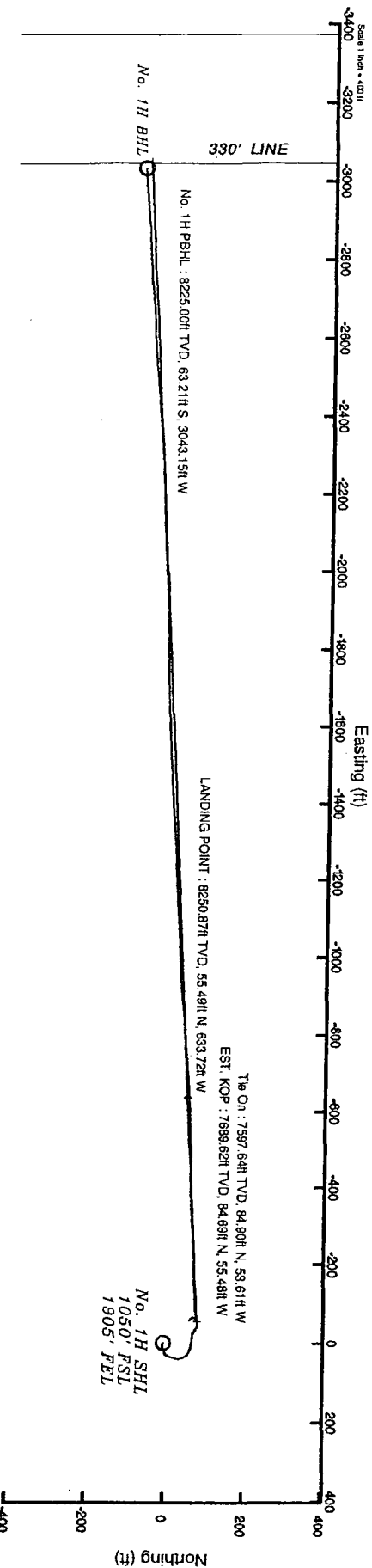
Please reference wellbore to file # 10710 or field # 10710.
True vertical depths are referenced to Rig on No. 1H SHL (771)
Magnetic depths are referenced to Rig on No. 1H SHL (771)
Rig on No. 1H SHL (771) to MWD Data Level: 3450 feet
MWD Data Level to MWD Data Level: 3450 feet
Coordinates are in feet referenced to BGL

Grid System: NAD27 / 7th New Mexico State Plane, Eastern Zone (2011) US foot
North Reference Grid unit
Scale: True Distance
Depth unit: feet
Drawing: Wellbore Diagram 3/22/2010

Mewbourne Oil Company

Well Profile Data							
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (%100ft)
Tie On	7600.00	1.170	263.610	7597.64	84.90	-53.61	0.00
EST. KOP	7692.00	1.170	263.610	7689.62	84.69	-55.48	0.00
LANDING POINT	8586.47	90.614	267.180	8250.87	55.49	-633.72	10.00
No. 1H PBHL	10998.96	90.614	267.180	8225.00	-63.21	-3043.15	0.00
							3043.81

BAKER
HUGHES
INTEQ



ATTACHMENT B

Actual Wellpath Report

No. 1H AWP
Page 1 of 8

REFERENCE WELL PATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Bradley) Sec 29, T18S, R30E	Wellbore	No. 1H AWP
Facility	Bradley 29 Fed Com No. 1H	Sidetrack from	No. 1 AWP at 7600.00 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	0.999922	Report Generated	3/22/2010 at 10:23:47 AM
Convergence at slot	0.18° East	Database/Source file	WA_Midland/No. 1H_AWP.xml

WELL PATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	0.00	0.00	605219.71	623628.40	32°42'50.345"N	103°59'28.437"W
Facility Reference Pt.			605219.71	623628.40	32°42'50.345"N	103°59'28.437"W
Field Reference Pt			605219.71	623628.40	32°42'50.345"N	103°59'28.437"W

WELL PATH DATA

Calculation method	Minimum curvature	Rig on No. 1H SHL (RT) to GL	18.00ft
Horizontal Reference Pt	Slot	Rig on No. 1H SHL (RT) to Mean Sea Level	3450.00ft
Vertical Reference Pt	Rig on No. 1H SHL (RT)	GL to Mud Line (Facility)	0.00ft
MD Reference Pt	Rig on No. 1H SHL (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	268.81°

Actual Wellpath Report

No. 1H AWP
Page 2 of 8

REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Bradley) Sec 29, T18S, R30E	Wellbore	No. 1H AWP
Facility	Bradley 29 Fed Com No. 1H	Sidetrack from	No. 1 AWP at 7600.00 MD

WELLPATH DATA (184 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [serv ft]	Grid North [serv ft]	Latitude	Longitude	DLS [°/100ft]
0.00	0.000	105.070	0.00	0.00	0.00	0.00	605219.71	623628.40	32°42'50.345"N	103°59'28.437"W	0.00
100.00	0.720	105.070	100.00	-0.60	-0.16	0.61	605220.32	623628.24	32°42'50.344"N	103°59'28.430"W	0.72
200.00	0.700	111.680	199.99	-1.77	-0.55	1.78	605221.49	623627.85	32°42'50.340"N	103°59'28.416"W	0.08
300.00	0.690	98.230	299.98	-2.93	-0.86	2.94	605222.65	623627.54	32°42'50.337"N	103°59'28.403"W	0.16
400.00	0.620	107.550	399.98	-1.03	-1.11	4.86	605223.72	623627.29	32°42'50.311"N	103°59'28.380"W	0.15
500.00	0.610	93.040	499.97	-5.08	-1.30	5.10	605224.81	623627.10	32°42'50.332"N	103°59'28.378"W	0.16
600.00	0.630	91.800	599.96	-6.16	-1.35	6.18	605225.89	623627.05	32°42'50.332"N	103°59'28.365"W	0.02
700.00	0.690	110.190	699.96	-7.27	-1.58	7.30	605227.01	623626.82	32°42'50.329"N	103°59'28.352"W	0.22
800.00	0.720	87.520	799.95	-8.45	-1.76	8.49	605228.20	623626.64	32°42'50.328"N	103°59'28.338"W	0.28
900.00	0.730	84.470	899.94	-9.72	-1.67	9.75	605229.45	623626.73	32°42'50.329"N	103°59'28.321"W	0.05
1000.00	0.820	72.930	999.93	-11.04	-1.40	11.07	605230.78	623627.00	32°42'50.331"N	103°59'28.308"W	0.18
1100.00	1.030	80.370	1099.92	-12.62	-1.04	12.64	605232.35	623627.36	32°42'50.335"N	103°59'28.289"W	0.24
1200.00	1.830	74.770	1199.89	-15.06	-0.47	15.07	605234.78	623627.93	32°42'50.340"N	103°59'28.261"W	0.81
1300.00	1.840	74.630	1299.84	-18.16	0.38	18.16	605237.87	623628.78	32°42'50.348"N	103°59'28.225"W	0.01
1400.00	1.730	65.800	1399.79	-21.11	-1.42	21.08	605240.75	623629.82	32°42'50.358"N	103°59'28.100"W	0.10
1500.00	1.650	59.400	1499.75	-23.75	2.77	23.70	605243.41	623631.17	32°42'50.372"N	103°59'28.160"W	0.20
1600.00	1.620	51.570	1599.70	-26.13	4.39	26.05	605245.75	623632.79	32°42'50.388"N	103°59'28.132"W	0.23
1700.00	1.980	46.140	1699.66	-28.53	6.46	28.40	605248.11	623634.86	32°42'50.408"N	103°59'28.105"W	0.40
1800.00	1.890	40.590	1799.60	-30.90	8.91	30.72	605250.42	623637.31	32°42'50.432"N	103°59'28.077"W	0.21
1900.00	1.940	29.230	1899.54	-33.85	11.64	32.62	605252.12	623639.04	32°42'50.459"N	103°59'28.045"W	0.28
2000.00	1.920	25.200	1999.49	-34.45	14.63	34.16	605253.86	623643.03	32°42'50.489"N	103°59'28.037"W	0.14
2100.00	1.550	21.350	2099.44	-35.72	17.41	35.36	605255.07	623645.81	32°42'50.516"N	103°59'28.023"W	0.39
2200.00	1.530	15.910	2199.40	-36.63	19.95	36.22	605255.93	623648.35	32°42'50.541"N	103°59'28.013"W	0.15
2300.00	1.760	15.380	2299.36	-37.46	22.72	36.99	605256.70	623651.12	32°42'50.569"N	103°59'28.003"W	0.23
2400.00	1.780	13.000	2399.32	-38.28	25.71	37.75	605257.46	623654.11	32°42'50.598"N	103°59'27.992"W	0.08
2500.00	1.790	14.390	2499.27	-39.08	28.74	38.49	605258.19	623657.13	32°42'50.628"N	103°59'27.986"W	0.04
2600.00	1.810	12.020	2599.22	-39.86	31.79	39.20	605258.91	623660.19	32°42'50.659"N	103°59'27.971"W	0.08
2700.00	1.850	8.210	2699.17	-40.48	34.94	39.76	605259.47	623663.33	32°42'50.690"N	103°59'27.971"W	0.13
2800.00	1.740	0.460	2799.12	-40.79	38.05	40.01	605259.71	623666.45	32°42'50.720"N	103°59'27.968"W	0.27
2900.00	1.490	347.110	2899.08	-40.57	40.84	39.73	605259.11	623669.73	32°42'50.748"N	103°59'27.971"W	0.15

Actual Wellpath Report

No. 1H AWP
Page 3 of 8

REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Bradley) Sec 29, T18S, R30E	Wellbore	No. 1H AWP
Facility	Bradley 29 Fed Com No. 1H	Sidetrack from	No. 1 AWP at 7600.00 MD

WELLPATH DATA (184 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [serv ft]	Grid North [serv ft]	Latitude	Longitude	DLS [°/100ft]
3000.00	1.500	347.270	2999.04	-40.04	43.38	39.15	605258.86	623671.78	32°42'50.773"N	103°59'27.977"W	0.01
3100.00	1.460	342.640	3099.01	-39.43	45.87	38.48	605258.19	623674.27	32°42'50.798"N	103°59'27.985"W	0.13
3200.00	1.370	338.270	3198.98	-38.65	48.20	37.66	605257.37	623676.60	32°42'50.821"N	103°59'27.995"W	0.14
3300.00	1.190	332.240	3298.96	-37.77	50.23	36.73	605256.44	623678.63	32°42'50.841"N	103°59'28.005"W	0.22
3400.00	0.990	335.570	3398.94	-36.99	51.86	35.92	605255.63	623680.66	32°42'50.851"N	103°59'28.015"W	0.30
3500.00	0.960	338.410	3498.93	-36.39	53.36	35.29	605255.00	623681.75	32°42'50.872"N	103°59'28.022"W	0.08
3600.00	0.890	337.160	3598.91	-35.81	54.85	34.68	605254.39	623683.25	32°42'50.887"N	103°59'28.029"W	0.07
3700.00	0.830	335.890	3698.90	-35.24	56.23	34.08	605253.79	623684.63	32°42'50.900"N	103°59'28.036"W	0.06
3800.00	0.800	321.820	3798.89	-34.54	57.44	33.36	605253.06	623685.84	32°42'50.912"N	103°59'28.045"W	0.20
3900.00	0.870	319.350	3898.88	-33.64	58.56	32.53	605252.34	623686.96	32°42'50.924"N	103°59'28.055"W	0.08
4000.00	0.900	316.070	3998.87	-32.62	59.71	31.39	605251.10	623688.10	32°42'50.935"N	103°59'28.068"W	0.06
4100.00	0.970	307.600	4098.86	-31.43	60.79	30.18	605249.88	623689.14	32°42'50.946"N	103°59'28.082"W	0.15
4200.00	1.040	306.340	4198.84	-30.05	61.84	28.77	605248.48	623690.24	32°42'50.956"N	103°59'28.098"W	0.07
4300.00	1.190	303.660	4298.82	-28.48	62.96	27.18	605246.89	623691.35	32°42'50.967"N	103°59'28.117"W	0.16
4400.00	1.150	303.220	4398.80	-26.80	64.08	25.48	605245.18	623692.45	32°42'50.978"N	103°59'28.132"W	0.09
4500.00	1.280	295.620	4498.78	-24.98	65.11	23.63	605243.34	623693.51	32°42'50.989"N	103°59'28.158"W	0.21
4600.00	1.250	289.680	4598.75	-22.96	65.96	21.59	605241.30	623694.36	32°42'50.997"N	103°59'28.182"W	0.13
4700.00	1.290	289.010	4698.73	-20.88	66.70	19.50	605239.21	623695.09	32°42'51.004"N	103°59'28.206"W	0.04
4800.00	1.330	291.680	4798.70	-18.76	67.49	17.36	605237.07	623695.89	32°42'51.012"N	103°59'28.231"W	0.07
4900.00	1.270	292.090	4898.68	-16.67	68.34	15.26	605234.96	623696.73	32°42'51.021"N	103°59'28.264"W	0.06
5000.00	1.110	287.310	4998.66	-14.73	69.04	13.30	605233.01	623697.44	32°42'51.028"N	103°59'28.279"W	0.19
5100.00	1.140	286.650	5098.64	-12.87	69.62	11.43	605231.13	623698.01	32°42'51.034"N	103°59'28.301"W	0.03
5200.00	1.120	287.190	5198.62	-10.99	70.19	9.54	605229.25	623698.59	32°42'51.039"N	103°59'28.323"W	0.02
5300.00	1.310	280.130	5298.59	-8.95	70.68	7.48	605227.19	623699.08	32°42'51.044"N	103°59'28.347"W	0.24
5400.00	1.840	276.290	5398.56	-6.23	71.06	4.76	605224.47	623699.43	32°42'51.048"N	103°59'28.369"W	0.54
5500.00	2.080	277.770	5498.50	-2.85	71.48	1.36	605221.07	623699.87	32°42'51.052"N	103°59'28.419"W	0.25
5600.00	2.150	272.180	5598.43	0.82	71.79	-2.31	605217.40	623700.19	32°42'51.056"N	103°59'28.462"W	0.22
5700.00	2.120	273.820	5698.36	4.53	71.99	-6.03	605213.68	623700.38	32°42'51.058"N	103°59'28.505"W	0.07
5800.00	2.110	274.880	5798.29	8.20	72.27	-9.71	605210.00	623700.66	32°42'51.061"N	103°59'28.548"W	0.04
5900.00	1.970	275.670	5898.23	11.74	72.59	-13.25	605206.16	623700.99	32°42'51.064"N	103°59'28.590"W	0.24

Actual Wellpath Report

No. 1H AWP
Page 4 of 8

REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Bradley) Sec 29, T18S, R30E	Wellbore	No. 1H AWP
Facility	Bradley 29 Fed Com No. 1H	Sidetrack from	No. 1 AWP at 7600.00 MD

WELLPATH DATA (184 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [serv ft]	Grid North [serv ft]	Latitude	Longitude	DLS [°/100ft]
6000.00	1.980	279.720	5998.17	15.14	73.06	-16.67	605203.05	623701.45	32°42'51.069"N	103°59'28.629"W	0.14
6100.00	1.990	282.800	6098.11	18.53	73.73	-20.06	605199.65	623702.13	32°42'51.075"N	103°59'28.669"W	0.11
6200.00	1.900	292.320	6198.05	21.73	74.75	-23.29	605196.42	623703.14	32°42'51.085"N	103°59'28.707"W	0.33
6300.00	1.880	295.130	6298.00	24.72	76.07	-26.31	605193.41	623704.47	32°42'51.099"N	103°59'28.742"W	0.09
6400.00	1.860	302.230	6397.94	27.55	77.63	-29.16	605190.55	623706.03	32°42'51.112"N	103°59'28.764"W	0.23
6500.00	1.710	303.010	6497.90	30.13	79.31	-31.79	605187.92	623707.71	32°42'51.131"N	103°59'28.806"W	0.15
6600.00	1.630	306.470	6597.85	32.63	80.76	-34.31	605185.40	623709.15	32°42'51.145"N	103°59'28.836"W	0.21
6700.00	1.420	300.950	6697.82	34.94	82.03	-36.65	605183.06	623710.42	32°42'51.158"N	103°59'28.863"W	0.24
6800.00	1.290	302.510	6797.79	36.92	83.27	-38.66	605181.05	623711.67	32°42'51.170"N	103°59'28.887"W	0.14
6900.00	1.330	297.720	6897.76	38.87	84.42	-40.64	605179.05	623712.81	32°42'51.183"N	103°59'28.910"W	0.12
7000.00	1.120	291.170	6997.74	40.79	85.31	-42.57	605177.14	623713.71	32°42'51.191"N	103°59'28.932"W	0.25
7100.00	0.880	268.520	7097.73	42.47	85.65	-44.25	605175.46	623714.04	32°42'51.194"N	103°59'28.952"W	0.46
7200.00	1.040	260.440	7197.71	44.13	85.48	-45.92	605173.80	623713.87	32°42'51.192"N	103°59'28.971"W	0.21
7300.00	1.100	264.480	7297.69	45.99	85.23	-47.77	605171.95	623713.63	32°42'51.190"N	103°59'28.993"W	0.10
7400.00	1.140	268.410	7397.68	47.94	85.11	-49.72	605170.00	623713.51	32°42'51.189"N	103°59'29.016"W	0.19
7500.00	1.080	267.940	7497.66	49.88	85.05	-51.65	605168.06	623713.44	32°42'51.188"N	103°59'29.039"W	0.06
7600.00	1.170	263.610	7597.64	51.83	84.90	-53.61	605166.11	623713.30	32°42'51.187"N	103°59'29.061"W	0.12
7612.00	1.100	273.100	7609.63	52.07	84.90	-53.85	605165.87	623713.29	32°42'51.187"N	103°59'29.064"W	1.67
7649.00	1.200	269.800	7646.63	52.81	84.91	-54.59	605165.13	623713.31	32°42'51.187"N	103°59'29.073"W	0.32
7679.00	3.000	266.200	7676.61	53.91	84.86	-55.69	605164.03	623713.21	32°42'51.187"N	103°59'29.086"W	6.01
7711.00	5.700	259.100	7708.51	56.31	84.50	-58.08	605161.63	623712.90	32°42'51.183"N	103°59'29.114"W	8.59
7742.00	9.100	254.900	7739.25	60.21	83.57	-61.96	605157.75	623711.97	32°42'51.174"N	103°59'29.150"W	11.10
7774.00	12.100	258.400	7770.70	65.97	82.24	-67.69	605152.02	623710.63	32°42'51.161"N	103°59'29.226"W	9.58
7806.00	15.100	261.500	7801.80	73.40	80.95	-75.10	605144.62	623709.34	32°42'51.149"N	103°59'29.313"W	9.64
7837.00	18.000	263.400	7831.51	82.18	79.80	-81.85	605135.86	623708.20	32°42'51.137"N	103°59'29.416"W	9.52
7869.00	21.100	265.600	7861.66	92.85	78.79	-94.51	605125.21	623707.19	32°42'51.128"N	103°59'29.540"W	9.96
7901.00	23.000	267.400	7891.32	104.86	78.07	-106.50	605113.22	623706.46	32°42'51.121"N	103°59'29.681"W	6.30
7933.00	25.800	270.200	7920.46	118.07	77.81	-119.71	605100.01	623706.20	32°42'51.119"N	103°59'29.835"W	9.46
7964.00	27.900	269.600	7948.12	132.07	77.78	-133.71	605086.01	623706.17	32°42'51.119"N	103°59'29.999"W	6.83
7996.00	30.900	269.300	7975.99	147.78	77.63	-149.42	605070.33	623706.02	32°42'51.118"N	103°59'30.133"W	6.29

Actual Wellpath Report

No. 1H AWP
Page 5 of 8



REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Bradley) Sec 29, T18S, R30E	Wellbore	No. 1H AWP
Facility	Bradley 29 Fed Com No. 1H	Sidetrack from	No. 1 AWP at 7600.00 MD

WELLPATH DATA (184 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [serv ft]	Grid North [serv ft]	Latitude	Longitude	DLS [°/100ft]
8028.00	33.500	268.600	8003.07	164.83	77.31	-166.47	605053.26	623705.70	32°42'51.115"N	103°59'30.383"W	8.21
8060.00	37.300	268.800	8029.15	183.36	76.89	-185.00	605034.73	623705.29	32°42'51.112"N	103°59'30.599"W	11.88
8092.00	40.400	269.100	8054.07	203.43	76.53	-205.06	605014.66	623704.92	32°42'51.109"N	103°59'30.834"W	9.71
8123.00	43.600	268.200	8077.10	224.17	76.03	-225.80	604993.93	623704.43	32°42'51.105"N	103°59'31.077"W	10.50
8155.00	46.600	265.700	8099.69	246.82	74.81	-248.43	604973.50	623699.12	32°42'51.102"N	103°59'31.342"W	10.39
8187.00	49.800	265.200	8121.02	270.63	72.92	-272.20	604947.53	623701.31	32°42'51.075"N	103°59'31.620"W	10.07
8218.00	53.300	265.700	8140.29	294.86	71.00	-296.40	604923.33	623699.39	32°42'51.057"N	103°59'31.903"W	11.36
8250.00	57.300	267.000	8158.50	321.14	69.33	-322.65	604897.09	623697.72	32°42'51.041"N	103°59'32.211"W	12.94
8282.00	60.100	267.500	8175.13	348.47	68.02	-349.96	604869.78	623696.41	32°42'51.029"N	103°59'32.530"W	8.85
8314.00	63.200	268.600	8199.32	376.62	66.91	-378.09	604841.55	623695.81	32°42'51.018"N	103°59'32.866"W	9.78
8345.00	67.700	268.600	8203.20	404.81	66.08	-406.27	604813.47	623694.48	32°42'51.012"N	103°59'33.190"W	14.62
8377.00	73.100	269.200	8213.93	434.95	65.51	-436.40	604783.34	623693.90	32°42'51.007"N	103°59'33.542"W	16.97
8409.00	79.000	269.200	8221.64	465.99	65.07	-467.44	604752.31	623693.47	32°42'51.004"N	103°59'33.905"W	18.44
8441.00	82.600	269.400	8226.75	497.57	64.69	-499.02	604720.73	623693.08	32°42'51.001"N	103°59'34.275"W	11.27
8472.00	83.700	269.400	8230.45	528.35	64.36	-529.80	604689.96	623692.76	32°42'50.999"N	103°59'34.651"W	12.55
8504.00	85.800	268.200	8233.38	560.21	63.70	-561.65	604658.10	623692.09	32°42'50.993"N	103°59'35.008"W	7.55
8536.00	88.400	266.800	8235.00	592.16	62.30	-593.58	604626.18	623690.70	32°42'50.981"N	103°59'35.382"W	9.23
8568.00	89.300	266.500	8235.64	624.13	60.43	-625.52	604594.24	623688.83	32°42'50.963"N	103°59'35.756"W	2.96
8599.00	90.200	266.300	8235.78	655.10	58.49	-656.46	604563.31	623686.88	32°42'50.945"N	103°59'36.118"W	2.97
8623.00	90.500	265.600	8235.63	679.02	56.79	-680.40	604539.12	623685.19	32°42'50.928"N	103°59'36.499"W	3.12
8655.00	90.300	265.300	8235.41	711.01	54.25	-712.29	604507.47	623682.65	32°42'50.905"N	103°59'36.772"W	1.13
8686.00	90.400	265.000	8235.22	741.95	51.63	-743.18	604476.59	623680.03	32°42'50.880"N	103°59'37.133"W	1.02
8718.00	90.700	265.400	8234.91	773.88	48.95	-775.07	604444.70	623677.35	32°42'50.854"N	103°59'37.506"W	1.56
8750.00	90.800	265.200	8234.49	805.82	46.33	-806.96	604412.82	623674.73	32°42'50.829"N	103°59'37.880"W	0.70
8781.00	91.100	265.400	8233.98	836.76	43.79	-837.85	604381.93	623672.19	32°42'50.803"N	103°59'38.253"W	1.01
8813.00	91.400	264.800	8233.28	868.68	41.06	-869.72	604350.06	623669.46	32°42'50.779"N	103°59'38.615"W	2.10
8845.00	91.100	266.200	8233.58	900.62	38.55	-901.62	604318.17	623666.95	32°42'50.755"N	103°59'38.988"W	4.47
8876.00	91.000	266.700	8233.01	931.59	36.63	-932.55	604287.23	623665.03	32°42'50.737"N	103°59'39.350"W	1.64
8908.00	90.900	266.600	8231.48	963.56	34.76	-964.49	604255.29	623663.16	32°42'50.720"N	103°59'39.724"W	0.44
8940.00	91.300	266.800	8230.87	995.54	32.92	-996.43	604223.36	623661.12	32°42'50.697"N	103°59'40.098"W	1.10

Actual Wellpath Report

No. 1H AWP
Page 6 of 8



REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Bradley) Sec 29, T18S, R30E	Wellbore	No. 1H AWP
Facility	Bradley 29 Fed Com No. 1H	Sidetrack from	No. 1 AWP at 7600.00 MD

WELLPATH DATA (184 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [serv ft]	Grid North [serv ft]	Latitude	Longitude	DLS [°/100ft]
8972.00	91.200	266.700	8230.17	1027.51	31.11	-1028.38	604191.42	623659.50	32°42'50.686"N	103°59'40.472"W	0.44
9003.00	91.500	266.600	8229.44	1058.48	29.29	-1059.31	604160.48	623657.69	32°42'50.669"N	103°59'40.834"W	1.02
9035.00	91.400	266.500	8228.63	1090.44	27.37	-1091.25	604128.55	623655.77	32°42'50.651"N	103°59'41.208"W	0.44
9067.00	89.800	267.000	8228.29	1122.42	25.56	-1123.19	604096.61	623653.95	32°42'50.634"N	103°59'41.582"W	5.24
9099.00	89.500	267.300	8228.49	1154.40	23.96	-1155.15	604066.65	623652.16	32°42'50.618"N	103°59'41.956"W	2.28
9130.00	89.400	266.600	8228.79	1185.39	22.32	-1186.11	604033.70	623650.71	32°42'50.604"N	103°59'42.318"W	2.28
9162.00	89.900	266.600	8228.98	1217.36	20.42	-1218.05	604001.76	623648.82	32°42'50.586"N	103°59'42.692"W	1.56
9194.00	90.100	266.400	8228.98	1249.34	18.46	-1249.99	603969.82	623646.86	32°42'50.568"N	103°59'43.066"W	0.88
9226.00	90.300	266.500	8228.87	1281.31	16.48	-1281.93	603937.89	623644.88	32°42'50.549"N	103°59'43.440"W	0.70
9257.00	89.700	266.100	8228.87	1312.28	14.48	-1312.86	603906.95	623642.88	32°42'50.530"N	103°59'43.802"W	2.28
9289.00	89.600	266.600	8229.07	1344.25	12.44	-1344.80	603875.02	623640.84	32°42'50.511"N	103°59'44.176"W	1.59
9321.00	89.700	266.200	8229.26	1376.22	10.44	-1376.73	603843.09	623638.83	32°42'50.492"N	103°59'44.549"W	1.29
9352.00	90.000	266.300	8229.34	1407.19	8.41	-1407.67	603812.16	623636.81	32°42'50.473"N	103°59'44.912"W	1.02
9384.00	88.700	266.900	8229.71	1439.16	6.51	-1439.61	603780.22	623634.91	32°42'50.455"N	103°59'45.285"W	4.47
9416.00	88.000	265.600	8230.03	1471.12	4.42	-1471.52	603748.30	623632.82	32°42'50.436"N	103°59'45.659"W	4.13
9447.00	88.800	266.600	8231.49	1502.07	2.31	-1502.44	603717.39	623630.71	32°42'50.416"N	103°59'46.021"W	4.13
9479.00	88.600	267.700	8232.22	1534.05	0.72	-1534.39	603685.44	623629.12	32°42'50.401"N	103°59'46.395"W	3.49
9511.00	88.200	267.800	8233.11	1566.03	-0.54	-1566.35	603653.48	623627.86	32°42'50.390"N	103°59'46.769"W	1.29
9543.00	88.700	267.800	8233.98	1598.01	-1.76	-1598.32	603621.52	623626.64	32°42'50.378"N	103°59'47.143"W	1.56
9575.00	89.200	267.700	8234.56	1630.00	-3.02	-1630.29	603589.55	623625.38	32°42'50.363"N	103°59'47.518"W	1.59
9606.00	89.400	267.800	8234.94	1660.99	-4.24	-1661.26	603558.58	623624.16	32°42'50.350"N	103°59'47.880"W	0.72
9638.00	90.300	268.600	8235.03	1692.99	-5.24	-1693.25	603526.60	623623.16	32°42'50.347"N	103°59'48.254"W	3.76
9670.00	91.000	268.600	8234.66	1724.99	-6.02	-1725.23	603494.61	623622.38	32°42'50.340"N	103°59'48.629"W	2.19
9702.00	91.700	269.300	8233.91	1756.98	-6.61	-1757.22	603462.63	623621.79	32°42'50.335"N	103°59'49.003"W	3.09
9733.00	91.800	268.900	8232.96	1788.96	-7.10	-1789.20	603431.65	623620.69	32°42'50.322"N	103°59'49.366"W	1.59
9765.00	92.200	268.900	8231.85	1819.94	-7.71	-1820.18	603399.68	623620.05	32°42'50.326"N	103°59'49.740"W	1.25
9797.00	92.400	268.800	8230.56	1851.92	-8.35	-1852.14	603367.71	623620.05	32°42'50.321"N	103°59'50.114"W	0.70
9828.00	91.500	268.100	8229.51	1882.90	-9.19	-1883.11	603336.75	623619.21	32°42'50.314"N	103°59'50.477"W	3.68
9860.00	89.900	267.400	8229.12	1914.89	-10.45	-1915.09	603304.78	623617.95	32°42'50.302"N	103°59'50.851"W	5.46
9892.00	89.400	266.900	8229.31	1946.88	-12.04	-1947.05	603272.82	623616.56	32°42'50.288"N	103°59'51.226"W	2.28

Actual Wellpath Report

No. 1H AWP
Page 7 of 8

REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Bradley) Sec 29, T18S, R30E	Wellbore	No. 1H AWP
Facility	Bradley 29 Fed Com No. 1H	Sidetrack from	No. 1 AWP at 7600.00 MD

WELLPATH DATA (184 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [serv ft]	Grid North [serv ft]	Latitude	Longitude	DLS [°/100ft]
9924.00	89.800	267.100	8229.54	1978.86	-13.71	-1979.00	603240.87	623614.69	32°42'50.272"N	103°59'51.599"W	1.40
9955.00	90.000	267.200	8229.59	2009.85	-15.25	-2009.96	603209.91	623613.15	32°42'50.258"N	103°59'51.961"W	0.72
9987.00	90.200	267.500	8229.53	2041.83	-16.73	-2041.93	603177.95	623611.67	32°42'50.244"N	103°59'52.336"W	1.13
10019.00	90.400	267.500	8229.37	2073.83	-18.13	-2073.90	603145.98	623610.27	32°42'50.231"N	103°59'52.710"W	0.62
10051.00	90.600	267.600	8229.19	2105.82	-19.50	-2105.82	603114.01	623608.20	32°42'50.219"N	103°59'53.089"W	0.20
10082.00	91.100	267.700	8228.63	2136.81	-20.77	-2136.84	603083.04	623607.63	32°42'50.207"N	103°59'53.447"W	1.64
10114.00	91.600	267.900	8227.87	2168.79	-22.00	-2168.80	603051.08	623606.41	32°42'50.196"N	103°59'53.821"W	1.68
10146.00	91.800	267.200	8226.92	2200.77	-23.36	-2200.76	603019.13	623605.04	32°42'50.184"N	103°59'54.195"W	2.27
10177.00	92.300	267.600	8225.81	2231.74	-24.77	-2231.71	602988.18	623603.63	32°42'50.171"N	103°59'54.557"W	2.07
10209.00	91.700	267.400	8224.70	2263.71	-26.16	-2263.66	602956.23	623602.24	32°42'50.158"N	103°59'54.929"W	1.98
10241.00	91.800	267.200	8223.72	2295.69	-27.67	-2295.61	602924.29	623600.79	32°42'50.144"N	103°59'55.305"W	0.70
10273.00	91.800	266.900	8222.72	2327.66	-29.32	-2327.55	602892.35	623599.03	32°42'50.129"N	103°59'55.679"W	0.94
10304.00	91.800	266.100	8221.74	2358.62	-31.21	-2358.48	602861.42	623597.19	32°42'50.111"N	103°59'56.041"W	2.58
10336.00	91.900	266.100	8220.71	2390.56	-33.38	-2390.39	602829.52	623595.02	32°42'50.090"N	103°59'56.414"W	0.31
10368.00	91.500	265.400	8219.76	2422.50	-35.75	-2422.38	602797.62	623593.65	32°42'50.068"N	103°59'56.788"W	2.52
10399.00	91.300	264.900	8219.00	2453.43	-38.37	-2453.16	602766.74	623590.03	32°42'50.043"N	103°59'57.149"W	1.74
10431.00	91.400	264.800	8218.25	2485.35	-41.25	-2485.03	602734.88	623587.16	32°42'50.015"N	103°59'57.522"W	0.44
10463.00	91.300	265.500	8217.49	2517.27	-43.95	-2516.90	602703.01	623584.45	32°42'49.990"N	103°59'57.896"W	2.21
10495.00	91.500	265.800	8216.71	2549.21	-46.38	-2548.80	602671.11	623582.03	32°42'49.967"N	103°59'58.269"W	1.13
10526.00	91.700	266.300	8215.85	2580.17	-48.50	-2579.71	602639.20	623579.59	32°42'49.947"N	103°59'58.641"W	1.74
10558.00	90.500	266.500	8215.23	2612.13	-50.52	-2611.64	602608.28	623577.88	32°42'49.928"N	103°59'59.005"W	3.80
10589.00	90.100	266.800	8215.07	2643.11	-52.33	-2642.59	602577.33	623576.07	32°42'49.911"N	103°59'59.367"W	1.61
10621.00	90.100	266.200	8215.01	2675.08	-54.29	-2674.53	602545.39	623574.12	32°42'49.892"N	103°59'59.741"W	1.87
10653.00	90.400	266.200	8214.87	2707.05	-56.41	-2706.46	602513.47	623572.00	32°42'49.872"N	104°00'00.115"W	0.94
10685.00	90.900	266.700	8214.51	2739.02	-58.39	-2738.40	602481.53	623569.02	32°42'49.854"N	104°00'00.488"W	1.27
10717.00	91.200	266.700	8213.93	2770.99	-60.23	-2770.34	602449.59	623566.18	32°42'49.837"N	104°00'00.862"W	0.94
10748.00	91.100	266.600	8213.30	2801.96	-62.04	-2801.28	602418.66	623566.37	32°42'49.820"N	104°00'01.224"W	0.46
10780.00	91.400	266.700	8212.61	2833.93	-63.91	-2833.22	602386.72	623564.50	32°42'49.802"N	104°00'01.598"W	0.99
10812.00	91.600	266.500	8211.77	2865.90	-65.81	-2865.15	602354.79	623562.60	32°42'49.784"N	104°00'01.972"W	0.88
10844.00	91.800	265.900	8210.82	2897.85	-67.93	-2897.06	602322.83	623560.78	32°42'49.766"N	104°00'02.346"W	1.03

Actual Wellpath Report

No. 1H AWP
Page 8 of 8

REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Bradley) Sec 29, T18S, R30E	Wellbore	No. 1H AWP
Facility	Bradley 29 Fed Com No. 1H	Sidetrack from	No. 1 AWP at 7600.00 MD

WELLPATH DATA (184 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [serv ft]	Grid North [serv ft]	Latitude	Longitude	DLS [°/100ft]
10875.00	92.000	266.100	8209.79	2928.80	-70.09	-2927.97	602291.97	623558.32	32°42'49.744"N	104°00'02.708"W	0.91
10907.00	92.100	265.300	8208.65	2960.73	-72.49	-2959.86	602260.09	623555.92	32°42'49.721"N	104°00'03.081"W	2.52
10921.00	92.400	265.700	8208.10	2974.69	-73.58	-2973.81	602246.14	623554.82	32°42'49.711"N	104°00'03.244"W	3.57
10980.00	92.400	265.700	8205.63	3033.56	-78.00	-3032.59	602187.36	623550.40	32°42'49.669"N	104°00'03.932"W	0.00

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [serv ft]	Grid North [serv ft]	Latitude	Longitude	Shape
No. 1H PBHL		8225.00	-63.21	-3043.15	602176.80	623565.20	32°42'49.816"N	104°00'04.055"W	point

WELLPATH COMPOSITION

Ref Wellbore: No. 1H AWP Ref Wellpath: No. 1H AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7600.00	Gyrodata relative depth - Drop gyro or Multi-shot	GYRO <100 - 9000>	No. 1 AWP
7600.00	10921.00	NavTrak (Standard)	MWD <7612 - 10921>	No. 1H AWP
10921.00	10980.00	Blind Drilling (std)	Projection to bit	No. 1H AWP