

Mewbourne Oil Company

Location: Eddy County, NM
Field: (Parkway 16) Sec 21, T19S, R29E
Facility: Parkway 16 State Com No. 2H

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



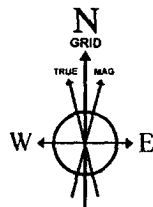
Mewbourne Oil Company

30-015-38109

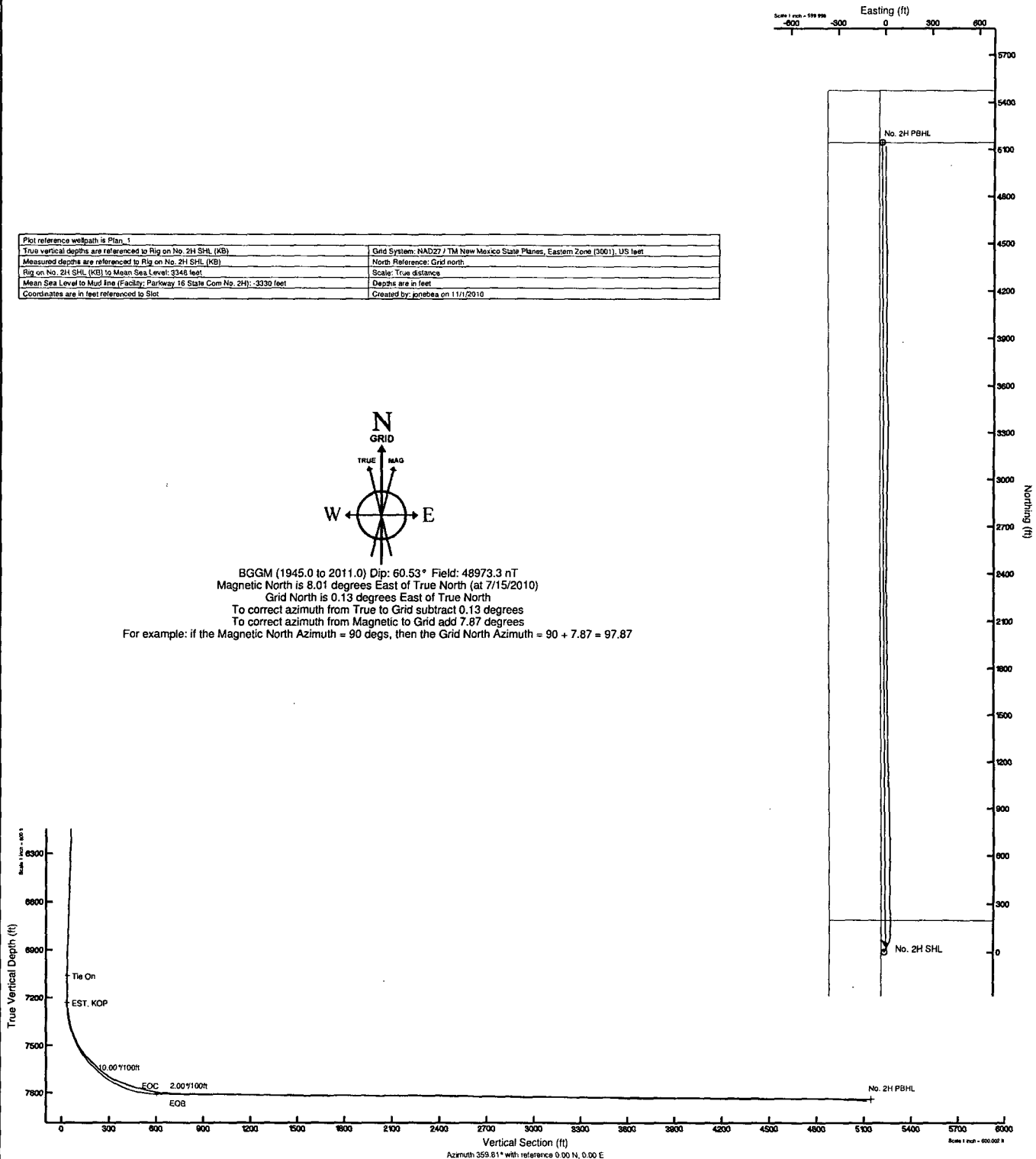


Well Profile Data							
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	VS (ft)
Tie On	7065.00	0.730	248.570	7062.29	35.11	12.98	33.07
EST. KOP	7235.00	0.730	248.570	7232.28	35.32	10.96	32.28
EOC	8133.92	89.600	359.700	7808.00	601.42	1.79	601.41
EOB	8135.02	89.622	359.764	7808.01	602.52	1.79	602.51
No. 2H PBHL	12678.70	89.622	359.764	7838.00	5146.06	-16.96	5146.09

Plot reference wellpath is Plan 1	
True vertical depths are referenced to Rig on No. 2H SHL (KB)	Grid System: NAD27 / TM New Mexico State Planes, Eastern Zone (3001), US feet
Measured depths are referenced to Rig on No. 2H SHL (KB)	North Reference: Grid north
Rig on No. 2H SHL (KB) to Mean Sea Level: 3346 feet	Scale: True distance
Mean Sea Level to Mud line (Facility: Parkway 16 State Com No. 2H): 3339 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: gnebea on 11/1/2010



BGGM (1945.0 to 2011.0) Dip: 60.53° Field: 48973.3 nT
Magnetic North is 8.01 degrees East of True North (at 7/15/2010)
Grid North is 0.13 degrees East of True North
To correct azimuth from True to Grid subtract 0.13 degrees
To correct azimuth from Magnetic to Grid add 7.87 degrees
For example: if the Magnetic North Azimuth = 90 degs, then the Grid North Azimuth = 90 + 7.87 = 97.87



Actual Wellpath Report

No. 2H AWP

Page 1 of 8

INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 2H SHL
Area	Eddy County, NM	Well	No. 2H
Field	(Parkway 16) Sec 21, T19S, R29E	Wellbore	No. 2H AWB
Facility	Parkway 16 State Com No. 2H		

REPORT SETUP INFORMATION

Projection System	NAD27 / TM New Mexico State Planes, Eastern Zone (3001), US feet	Software System	WellArchitect® 2.0
North Reference	Grid	User	Gomeoscr
Scale	0.999916	Report Generated	11/22/2010 at 8:10:07 AM
Convergence at slot	0.13° 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	575901.26	601331.48	32°39'10.510"N	104°05'12.204"W
Facility Reference Pt			575901.26	601331.48	32°39'10.510"N	104°05'12.204"W
Field Reference Pt			561901.26	601331.48	32°39'10.802"N	104°07'55.957"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on No. 2H SHL (KB) to GL	18.00ft
Horizontal Reference Pt	Slot	Rig on No. 2H SHL (KB) to Mean Sea Level	3348.00ft
Vertical Reference Pt	Rig on No. 2H SHL (KB)	GL to Mud Line (Facility)	0.00ft
MD Reference Pt	Rig on No. 2H SHL (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	359.81°

Actual Wellpath Report

Mewbourne Oil Company

No. 2H AWP

Page 2 of 8

**BAKER
HUGHES**

INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 2H SHL
Area	Eddy County, NM	Well	No. 2H
Field	(Parkway 16) Sec 21, T19S, R29E	Wellbore	No. 2H AWB
Facility	Parkway 16 State Com No. 2H		

WELLPATH DATA (247 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00	0.000	70.730	0.00	0.00	0.00	0.00	575901.26	601331.48	32°39'10.510"N	104°05'12.204"W	0.00	
100.00	0.250	70.730	100.00	0.07	0.07	0.21	575901.47	601331.55	32°39'10.511"N	104°05'12.201"W	0.25	
200.00	0.370	351.520	200.00	0.46	0.46	0.36	575901.62	601331.94	32°39'10.515"N	104°05'12.199"W	0.41	
300.00	0.330	320.740	300.00	1.01	1.01	0.13	575901.39	601332.49	32°39'10.520"N	104°05'12.202"W	0.19	
400.00	0.290	313.970	400.00	1.41	1.40	-0.23	575901.03	601332.88	32°39'10.524"N	104°05'12.206"W	0.05	
500.00	0.570	302.240	499.99	1.85	1.85	-0.83	575900.43	601333.33	32°39'10.529"N	104°05'12.213"W	0.29	
600.00	0.630	331.750	599.99	2.60	2.60	-1.51	575899.75	601334.07	32°39'10.536"N	104°05'12.221"W	0.31	
700.00	1.030	5.880	699.98	3.98	3.97	-1.68	575899.58	601335.45	32°39'10.550"N	104°05'12.223"W	0.62	
800.00	1.760	35.880	799.95	6.11	6.11	-0.69	575900.57	601337.59	32°39'10.571"N	104°05'12.211"W	1.01	
900.00	2.340	45.470	899.88	8.78	8.79	1.67	575902.93	601340.27	32°39'10.597"N	104°05'12.184"W	0.67	
1000.00	2.190	46.350	999.81	11.52	11.54	4.50	575905.76	601343.02	32°39'10.624"N	104°05'12.151"W	0.15	
1100.00	2.040	38.450	1099.74	14.23	14.25	6.99	575908.25	601345.73	32°39'10.651"N	104°05'12.121"W	0.33	
1200.00	1.590	31.820	1199.69	16.79	16.82	8.83	575910.09	601348.30	32°39'10.677"N	104°05'12.100"W	0.50	
1300.00	1.110	14.440	1299.66	18.91	18.94	9.80	575911.06	601350.42	32°39'10.698"N	104°05'12.088"W	0.63	
1400.00	1.130	12.910	1399.64	20.81	20.84	10.27	575911.52	601352.32	32°39'10.716"N	104°05'12.083"W	0.04	
1500.00	1.350	10.240	1499.62	22.92	22.96	10.70	575911.95	601354.44	32°39'10.737"N	104°05'12.078"W	0.23	
1600.00	1.340	7.610	1599.59	25.24	25.28	11.06	575912.32	601356.76	32°39'10.760"N	104°05'12.073"W	0.06	
1700.00	1.220	27.110	1699.57	27.35	27.38	11.70	575912.96	601358.86	32°39'10.781"N	104°05'12.066"W	0.45	
1800.00	0.950	21.250	1799.55	29.06	29.11	12.49	575913.74	601360.58	32°39'10.798"N	104°05'12.057"W	0.29	
1900.00	0.850	18.450	1899.53	30.54	30.58	13.02	575914.28	601362.06	32°39'10.813"N	104°05'12.050"W	0.11	
2000.00	0.690	25.730	1999.53	31.78	31.83	13.52	575914.78	601363.30	32°39'10.825"N	104°05'12.045"W	0.19	
2100.00	0.660	31.990	2099.52	32.81	32.86	14.08	575915.34	601364.34	32°39'10.835"N	104°05'12.038"W	0.08	
2200.00	0.410	44.870	2199.51	33.55	33.60	14.64	575915.90	601365.08	32°39'10.843"N	104°05'12.031"W	0.28	
2300.00	0.580	20.260	2299.51	34.28	34.33	15.07	575916.33	601365.81	32°39'10.850"N	104°05'12.026"W	0.27	
2400.00	0.550	7.150	2399.51	35.23	35.28	15.30	575916.56	601366.76	32°39'10.859"N	104°05'12.024"W	0.13	
2500.00	0.520	346.980	2499.50	36.15	36.20	15.26	575916.52	601367.67	32°39'10.868"N	104°05'12.024"W	0.19	
2600.00	0.570	336.000	2599.50	37.05	37.09	14.96	575916.22	601368.57	32°39'10.877"N	104°05'12.028"W	0.12	
2700.00	0.590	327.460	2699.49	37.94	37.98	14.48	575915.74	601369.46	32°39'10.886"N	104°05'12.033"W	0.09	
2800.00	0.860	295.640	2799.48	38.70	38.74	13.52	575914.78	601370.22	32°39'10.893"N	104°05'12.044"W	0.47	
2900.00	0.900	285.480	2899.47	39.24	39.28	12.09	575913.35	601370.75	32°39'10.899"N	104°05'12.061"W	0.16	
3000.00	1.020	302.000	2999.46	39.92	39.96	10.58	575911.84	601371.43	32°39'10.906"N	104°05'12.079"W	0.30	
3100.00	1.200	290.230	3099.44	40.76	40.79	8.84	575910.10	601372.27	32°39'10.914"N	104°05'12.099"W	0.29	
3200.00	1.150	290.480	3199.42	41.48	41.50	6.92	575908.18	601372.98	32°39'10.921"N	104°05'12.121"W	0.05	
3300.00	1.200	283.990	3299.40	42.09	42.11	4.96	575906.22	601373.59	32°39'10.927"N	104°05'12.144"W	0.14	
3400.00	0.670	299.610	3399.38	42.64	42.65	3.44	575904.70	601374.13	32°39'10.932"N	104°05'12.162"W	0.58	
3500.00	0.870	315.900	3499.38	43.48	43.48	2.40	575903.66	601374.96	32°39'10.941"N	104°05'12.174"W	0.29	
3600.00	0.830	319.130	3599.36	44.57	44.58	1.40	575902.66	601376.05	32°39'10.951"N	104°05'12.186"W	0.06	
3700.00	0.900	347.070	3699.35	45.89	45.89	0.75	575902.01	601377.37	32°39'10.964"N	104°05'12.194"W	0.42	
3800.00	1.060	343.990	3799.34	47.54	47.55	0.32	575901.58	601379.02	32°39'10.981"N	104°05'12.198"W	0.17	
3900.00	1.190	344.450	3899.32	49.44	49.43	-0.21	575901.05	601380.91	32°39'11.000"N	104°05'12.205"W	0.13	
4000.00	1.380	339.080	3999.29	51.56	51.56	-0.92	575900.34	601383.04	32°39'11.021"N	104°05'12.213"W	0.22	
4100.00	1.350	340.300	4099.27	53.80	53.79	-1.75	575899.51	601385.27	32°39'11.043"N	104°05'12.223"W	0.04	
4200.00	1.730	333.520	4199.23	56.26	56.25	-2.82	575898.44	601387.73	32°39'11.067"N	104°05'12.235"W	0.42	
4300.00	1.810	333.890	4299.18	59.04	59.02	-4.19	575897.07	601390.50	32°39'11.095"N	104°05'12.251"W	0.08	
4400.00	1.860	331.330	4399.13	61.88	61.87	-5.66	575895.60	601393.34	32°39'11.123"N	104°05'12.268"W	0.10	

Actual Wellpath Report

No. 2H AWP

Page 3 of 8

Mewbourne Oil Company



INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 2H SHL
Area	Eddy County, NM	Well	No. 2H
Field	(Parkway 16) Sec 21, T19S, R29E	Wellbore	No. 2H AWB
Facility	Parkway 16 State Com No. 2H		

WELLPATH DATA (247 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]	Comments
4500.00	1.890	327.640	4499.08	64.71	64.68	-7.32	575893.94	601396.16	32°39'11.151"N	104°05'12.287"W	0.12	
4600.00	1.750	319.160	4599.03	67.26	67.23	-9.20	575892.06	601398.70	32°39'11.176"N	104°05'12.309"W	0.30	
4700.00	1.650	302.570	4698.98	69.20	69.16	-11.42	575889.84	601400.63	32°39'11.195"N	104°05'12.335"W	0.50	
4800.00	1.660	294.160	4798.94	70.57	70.53	-13.95	575887.31	601402.00	32°39'11.209"N	104°05'12.365"W	0.24	
4900.00	1.680	302.380	4898.90	71.96	71.91	-16.51	575884.75	601403.38	32°39'11.222"N	104°05'12.395"W	0.24	
5000.00	1.530	297.430	4998.86	73.37	73.31	-18.93	575882.33	601404.78	32°39'11.236"N	104°05'12.423"W	0.20	
5100.00	0.840	291.210	5098.84	74.25	74.19	-20.80	575880.46	601405.66	32°39'11.245"N	104°05'12.445"W	0.70	
5200.00	0.680	241.660	5198.83	74.24	74.17	-22.01	575879.25	601405.64	32°39'11.245"N	104°05'12.459"W	0.65	
5300.00	0.710	146.990	5298.83	73.44	73.37	-22.19	575879.07	601404.84	32°39'11.237"N	104°05'12.461"W	1.02	
5400.00	1.470	129.980	5398.81	72.09	72.02	-20.87	575880.39	601403.50	32°39'11.224"N	104°05'12.446"W	0.82	
5500.00	2.390	115.480	5498.75	70.36	70.30	-18.01	575883.25	601401.78	32°39'11.206"N	104°05'12.412"W	1.03	
5600.00	2.880	111.670	5598.64	68.52	68.48	-13.79	575887.47	601399.95	32°39'11.188"N	104°05'12.363"W	0.52	
5700.00	5.070	112.700	5698.40	65.87	65.85	-7.38	575893.88	601397.32	32°39'11.162"N	104°05'12.288"W	2.19	
5800.00	3.780	108.000	5798.10	63.12	63.12	-0.17	575901.09	601394.60	32°39'11.135"N	104°05'12.204"W	1.34	
5900.00	3.400	112.180	5897.90	60.96	60.98	5.71	575906.97	601392.46	32°39'11.114"N	104°05'12.135"W	0.46	
6000.00	2.830	115.980	5997.75	58.75	58.78	10.68	575911.94	601390.26	32°39'11.092"N	104°05'12.077"W	0.61	
6100.00	2.100	125.130	6097.66	56.60	56.65	14.40	575915.66	601388.12	32°39'11.071"N	104°05'12.034"W	0.83	
6200.00	1.490	132.150	6197.61	54.66	54.72	16.86	575918.12	601386.20	32°39'11.051"N	104°05'12.005"W	0.65	
6300.00	1.330	160.420	6297.58	52.69	52.75	18.21	575919.47	601384.23	32°39'11.032"N	104°05'11.989"W	0.71	
6400.00	1.490	191.570	6397.55	50.33	50.39	18.34	575919.60	601381.86	32°39'11.009"N	104°05'11.988"W	0.77	
6500.00	1.900	197.220	6497.51	47.47	47.53	17.59	575918.85	601379.01	32°39'10.980"N	104°05'11.997"W	0.44	
6600.00	2.030	202.310	6597.45	44.25	44.31	16.43	575917.68	601375.78	32°39'10.948"N	104°05'12.010"W	0.22	
6700.00	1.420	196.140	6697.41	41.43	41.48	15.41	575916.67	601372.96	32°39'10.920"N	104°05'12.022"W	0.64	
6800.00	1.650	190.490	6797.37	38.82	38.87	14.80	575916.06	601370.35	32°39'10.895"N	104°05'12.029"W	0.28	
6900.00	1.450	186.520	6897.33	36.15	36.20	14.40	575915.66	601367.68	32°39'10.868"N	104°05'12.034"W	0.23	
7000.00	1.320	207.890	6997.30	33.88	33.93	13.71	575914.97	601365.40	32°39'10.846"N	104°05'12.042"W	0.53	
7065.00	0.730	248.570	7062.29	33.07	33.11	12.98	575914.24	601364.59	32°39'10.838"N	104°05'12.051"W	1.39	
7105.00	0.700	245.100	7102.29	32.88	32.92	12.52	575913.78	601364.39	32°39'10.836"N	104°05'12.056"W	0.13	
7144.00	0.800	226.900	7141.29	32.59	32.63	12.11	575913.36	601364.11	32°39'10.833"N	104°05'12.061"W	0.66	
7154.00	0.600	213.700	7151.29	32.50	32.54	12.03	575913.28	601364.02	32°39'10.832"N	104°05'12.062"W	2.56	
7186.00	0.400	166.200	7183.29	32.25	32.29	11.96	575913.22	601363.77	32°39'10.830"N	104°05'12.063"W	1.38	
7217.00	2.300	63.400	7214.28	32.42	32.46	12.54	575913.80	601363.94	32°39'10.831"N	104°05'12.056"W	7.81	
7249.00	5.000	44.200	7246.21	33.71	33.75	14.09	575915.35	601365.23	32°39'10.844"N	104°05'12.038"W	9.15	
7280.00	7.900	32.700	7277.01	36.46	36.51	16.18	575917.44	601367.99	32°39'10.871"N	104°05'12.013"W	10.20	
7311.00	10.600	33.100	7307.61	40.63	40.70	18.89	575920.15	601372.17	32°39'10.913"N	104°05'11.981"W	8.71	
7342.00	13.000	29.800	7337.95	46.04	46.11	22.18	575923.44	601377.59	32°39'10.966"N	104°05'11.943"W	8.04	
7372.00	15.500	26.400	7367.02	52.55	52.63	25.64	575926.90	601384.11	32°39'11.031"N	104°05'11.902"W	8.78	
7404.00	18.000	22.500	7397.67	60.93	61.03	29.43	575930.69	601392.51	32°39'11.114"N	104°05'11.858"W	8.56	
7434.00	20.600	16.000	7425.98	70.28	70.39	32.66	575933.92	601401.86	32°39'11.206"N	104°05'11.820"W	11.23	
7466.00	23.700	8.000	7455.62	82.06	82.17	35.11	575936.37	601413.65	32°39'11.323"N	104°05'11.791"W	13.50	
7496.00	27.900	3.400	7482.63	95.04	95.16	36.37	575937.62	601426.63	32°39'11.451"N	104°05'11.776"W	15.50	
7528.00	32.500	1.400	7510.28	111.11	111.24	37.02	575938.28	601442.71	32°39'11.610"N	104°05'11.768"W	14.71	
7560.00	36.800	1.600	7536.60	129.29	129.42	37.50	575938.76	601460.89	32°39'11.790"N	104°05'11.761"W	13.44	
7591.00	39.100	1.500	7561.04	148.35	148.47	38.01	575939.27	601479.94	32°39'11.979"N	104°05'11.755"W	7.42	
7623.00	41.300	0.700	7585.48	169.00	169.12	38.41	575939.66	601500.59	32°39'12.183"N	104°05'11.750"W	7.06	

Actual Wellpath Report

No. 2H AWP

Page 4 of 8



INTEQ

Mewbourne Oil Company

REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 2H SHL
Area	Eddy County, NM	Well	No. 2H
Field	(Parkway 16) Sec 21, T19S, R29E	Wellbore	No. 2H AWP
Facility	Parkway 16 State Com No. 2H		

WELLPATH DATA (247 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]	Comments
7655.00	43.300	359.000	7609.15	190.53	190.66	38.35	575939.60	601522.12	32°39'12.396"N	104°05'11.750"W	7.20	
7687.00	45.700	357.900	7631.97	212.95	213.08	37.73	575938.99	601544.54	32°39'12.618"N	104°05'11.756"W	7.88	
7719.00	50.000	356.900	7653.44	236.65	236.77	36.65	575937.91	601568.23	32°39'12.852"N	104°05'11.768"W	13.64	
7750.00	53.800	357.500	7672.56	261.01	261.13	35.46	575936.72	601592.59	32°39'13.093"N	104°05'11.782"W	12.35	
7781.00	56.600	358.700	7690.26	286.45	286.57	34.62	575935.88	601618.02	32°39'13.345"N	104°05'11.791"W	9.57	
7812.00	61.100	359.400	7706.29	312.97	313.09	34.19	575935.44	601644.54	32°39'13.608"N	104°05'11.795"W	14.64	
7844.00	66.100	0.200	7720.51	341.63	341.74	34.09	575935.35	601673.19	32°39'13.891"N	104°05'11.796"W	15.78	
7875.00	69.500	0.200	7732.22	370.33	370.44	34.19	575935.45	601701.89	32°39'14.175"N	104°05'11.794"W	10.97	
7907.00	71.000	0.100	7743.04	400.44	400.56	34.27	575935.53	601732.00	32°39'14.473"N	104°05'11.792"W	4.70	
7938.00	72.800	359.300	7752.67	429.91	430.02	34.12	575935.37	601761.46	32°39'14.765"N	104°05'11.793"W	6.30	
7969.00	74.000	0.500	7761.52	459.61	459.73	34.06	575935.32	601791.17	32°39'15.059"N	104°05'11.793"W	5.36	
8001.00	74.300	0.700	7770.26	490.39	490.51	34.39	575935.64	601821.95	32°39'15.363"N	104°05'11.788"W	1.11	
8031.00	75.000	0.600	7778.20	519.32	519.44	34.72	575935.97	601850.87	32°39'15.649"N	104°05'11.783"W	2.36	
8064.00	77.100	0.800	7786.16	551.34	551.46	35.11	575936.36	601882.89	32°39'15.966"N	104°05'11.778"W	6.39	
8095.00	80.500	0.900	7792.13	581.74	581.86	35.56	575936.81	601913.29	32°39'16.267"N	104°05'11.772"W	10.97	
8127.00	83.100	359.700	7796.74	613.41	613.53	35.72	575936.98	601944.96	32°39'16.580"N	104°05'11.769"W	8.93	
8159.00	84.800	359.600	7800.12	645.23	645.35	35.53	575936.79	601976.77	32°39'16.895"N	104°05'11.770"W	5.32	
8191.00	86.100	359.300	7802.65	677.13	677.25	35.22	575936.48	602008.67	32°39'17.211"N	104°05'11.773"W	4.17	
8207.00	86.800	359.300	7803.65	693.10	693.22	35.03	575936.28	602024.64	32°39'17.369"N	104°05'11.775"W	4.37	
8279.00	88.700	358.400	7806.47	765.03	765.14	33.58	575934.84	602096.56	32°39'18.081"N	104°05'11.790"W	2.92	
8311.00	89.900	358.800	7806.86	797.02	797.13	32.80	575934.06	602128.54	32°39'18.397"N	104°05'11.798"W	3.95	
8343.00	90.100	359.200	7806.86	829.01	829.12	32.24	575933.50	602160.53	32°39'18.714"N	104°05'11.804"W	1.40	
8375.00	90.100	359.100	7806.81	861.01	861.12	31.77	575933.03	602192.53	32°39'19.030"N	104°05'11.809"W	0.31	
8406.00	90.000	359.100	7806.78	892.01	892.12	31.28	575932.54	602223.52	32°39'19.337"N	104°05'11.813"W	0.32	
8438.00	90.000	358.200	7806.73	924.00	924.11	30.53	575931.78	602255.51	32°39'19.654"N	104°05'11.821"W	2.81	
8470.00	89.900	358.400	7806.81	955.99	956.09	29.58	575930.84	602287.49	32°39'19.970"N	104°05'11.832"W	0.70	
8502.00	89.900	358.500	7806.86	987.98	988.08	28.71	575929.97	602319.48	32°39'20.287"N	104°05'11.841"W	0.31	
8534.00	90.000	357.900	7806.89	1019.97	1020.07	27.71	575928.96	602351.46	32°39'20.603"N	104°05'11.852"W	1.90	
8566.00	88.800	358.100	7807.23	1051.95	1052.04	26.59	575927.85	602383.43	32°39'20.920"N	104°05'11.864"W	3.80	
8598.00	88.600	358.100	7807.95	1083.93	1084.02	25.53	575926.79	602415.40	32°39'21.236"N	104°05'11.875"W	0.62	
8629.00	88.600	358.400	7808.71	1114.91	1114.99	24.58	575925.84	602446.38	32°39'21.542"N	104°05'11.886"W	0.97	
8661.00	88.700	358.300	7809.46	1146.89	1146.97	23.66	575924.92	602478.35	32°39'21.859"N	104°05'11.896"W	0.44	
8692.00	88.900	358.100	7810.11	1177.87	1177.95	22.69	575923.95	602509.33	32°39'22.165"N	104°05'11.906"W	0.91	
8724.00	89.000	359.100	7810.70	1209.86	1209.93	21.91	575923.16	602541.31	32°39'22.482"N	104°05'11.914"W	3.14	
8756.00	89.300	358.700	7811.17	1241.85	1241.92	21.29	575922.55	602573.30	32°39'22.798"N	104°05'11.921"W	1.56	
8787.00	89.200	359.200	7811.58	1272.84	1272.92	20.72	575921.98	602604.29	32°39'23.105"N	104°05'11.927"W	1.64	
8819.00	89.300	359.600	7812.00	1304.84	1304.91	20.39	575921.65	602636.28	32°39'23.422"N	104°05'11.930"W	1.29	
8851.00	87.800	359.500	7812.81	1336.83	1336.90	20.14	575921.40	602668.26	32°39'23.738"N	104°05'11.932"W	4.70	
8882.00	87.600	0.400	7814.05	1367.80	1367.87	20.11	575921.37	602699.24	32°39'24.045"N	104°05'11.931"W	2.97	
8914.00	87.800	358.900	7815.34	1399.77	1399.85	19.92	575921.17	602731.21	32°39'24.361"N	104°05'11.933"W	4.73	
8946.00	88.800	358.400	7816.29	1431.75	1431.82	19.16	575920.42	602763.18	32°39'24.678"N	104°05'11.940"W	3.49	
8978.00	88.900	358.700	7816.93	1463.74	1463.81	18.35	575919.61	602795.16	32°39'24.994"N	104°05'11.949"W	0.99	
9008.00	88.800	359.000	7817.53	1493.73	1493.80	17.75	575919.01	602825.15	32°39'25.291"N	104°05'11.955"W	1.05	
9040.00	88.700	358.700	7818.23	1525.72	1525.78	17.11	575918.37	602857.13	32°39'25.607"N	104°05'11.962"W	0.99	
9072.00	88.700	359.300	7818.95	1557.70	1557.77	16.55	575917.81	602889.11	32°39'25.924"N	104°05'11.968"W	1.87	

Actual Wellpath Report

No. 2H AWP

Page 5 of 8

 Mewbourne Oil Company

 **BAKER
HUGHES**

INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 2H SHL
Area	Eddy County, NM	Well	No. 2H
Field	(Parkway 16) Sec 21, T19S, R29E	Wellbore	No. 2H AWB
Facility	Parkway 16 State Com No. 2H		

WELLPATH DATA (247 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]	Comments
9104.00	90.000	359.400	7819.32	1589.70	1589.76	16.19	575917.45	602921.11	32°39'26.240"N	104°05'11.971"W	4.07	
9135.00	90.900	359.600	7819.07	1620.70	1620.76	15.92	575917.18	602952.10	32°39'26.547"N	104°05'11.973"W	2.97	
9167.00	91.100	359.700	7818.52	1652.69	1652.75	15.72	575916.98	602984.09	32°39'26.864"N	104°05'11.975"W	0.70	
9198.00	91.100	359.700	7817.92	1683.69	1683.75	15.56	575916.82	603015.08	32°39'27.170"N	104°05'11.976"W	0.00	
9230.00	91.400	0.800	7817.22	1715.68	1715.74	15.70	575916.96	603047.07	32°39'27.487"N	104°05'11.973"W	3.56	
9260.00	91.300	0.200	7816.52	1745.67	1745.73	15.96	575917.22	603077.06	32°39'27.784"N	104°05'11.969"W	2.03	
9292.00	91.400	0.500	7815.76	1777.66	1777.72	16.16	575917.41	603109.05	32°39'28.100"N	104°05'11.966"W	0.99	
9324.00	90.200	359.700	7815.32	1809.65	1809.72	16.21	575917.47	603141.04	32°39'28.417"N	104°05'11.965"W	4.51	
9356.00	89.700	0.000	7815.34	1841.65	1841.72	16.13	575917.39	603173.04	32°39'28.733"N	104°05'11.965"W	1.82	
9388.00	89.500	359.500	7815.57	1873.65	1873.72	15.99	575917.25	603205.03	32°39'29.050"N	104°05'11.966"W	1.68	
9419.00	89.400	359.400	7815.86	1904.65	1904.71	15.69	575916.95	603236.03	32°39'29.357"N	104°05'11.968"W	0.46	
9451.00	89.100	359.100	7816.28	1936.65	1936.71	15.27	575916.53	603268.02	32°39'29.673"N	104°05'11.972"W	1.33	
9483.00	89.300	359.900	7816.73	1968.64	1968.70	14.99	575916.25	603300.01	32°39'29.990"N	104°05'11.975"W	2.58	
9515.00	89.300	0.100	7817.12	2000.64	2000.70	14.99	575916.25	603332.01	32°39'30.307"N	104°05'11.974"W	0.62	
9547.00	90.100	359.300	7817.29	2032.64	2032.70	14.83	575916.08	603364.00	32°39'30.623"N	104°05'11.975"W	3.54	
9578.00	90.900	358.900	7817.02	2063.64	2063.69	14.34	575915.60	603395.00	32°39'30.930"N	104°05'11.980"W	2.89	
9610.00	91.100	358.800	7816.46	2095.63	2095.68	13.70	575914.95	603426.98	32°39'31.246"N	104°05'11.986"W	0.70	
9642.00	91.400	359.500	7815.76	2127.62	2127.67	13.22	575914.48	603458.97	32°39'31.563"N	104°05'11.991"W	2.38	
9674.00	91.000	359.900	7815.09	2159.61	2159.66	13.05	575914.31	603490.96	32°39'31.879"N	104°05'11.992"W	1.77	
9706.00	90.300	359.700	7814.73	2191.61	2191.66	12.94	575914.20	603522.95	32°39'32.196"N	104°05'11.993"W	2.28	
9738.00	89.900	359.200	7814.67	2223.61	2223.66	12.64	575913.89	603554.95	32°39'32.513"N	104°05'11.995"W	2.00	
9769.00	90.000	358.900	7814.70	2254.60	2254.65	12.12	575913.38	603585.94	32°39'32.819"N	104°05'12.000"W	1.02	
9801.00	89.100	359.000	7814.95	2286.60	2286.65	11.53	575912.79	603617.93	32°39'33.136"N	104°05'12.006"W	2.83	
9832.00	88.900	359.600	7815.49	2317.59	2317.64	11.16	575912.42	603648.92	32°39'33.443"N	104°05'12.010"W	2.04	
9864.00	89.900	0.000	7815.83	2349.59	2349.64	11.04	575912.30	603680.92	32°39'33.759"N	104°05'12.011"W	3.37	
9895.00	90.400	0.600	7815.75	2380.59	2380.64	11.21	575912.47	603711.91	32°39'34.066"N	104°05'12.008"W	2.52	
9927.00	90.300	1.900	7815.55	2412.58	2412.63	11.90	575913.16	603743.90	32°39'34.383"N	104°05'11.999"W	4.07	
9959.00	90.700	2.400	7815.27	2444.55	2444.60	13.11	575914.36	603775.87	32°39'34.699"N	104°05'11.984"W	2.00	
9991.00	88.600	1.000	7815.47	2476.53	2476.59	14.05	575915.31	603807.85	32°39'35.015"N	104°05'11.972"W	7.89	
10023.00	88.000	0.300	7816.42	2508.51	2508.57	14.42	575915.68	603839.83	32°39'35.332"N	104°05'11.967"W	2.88	
10054.00	87.800	358.800	7817.55	2539.49	2539.55	14.17	575915.43	603870.81	32°39'35.638"N	104°05'11.969"W	4.88	
10086.00	87.800	0.300	7818.78	2571.46	2571.52	13.92	575915.18	603902.78	32°39'35.955"N	104°05'11.971"W	4.68	
10118.00	87.800	0.900	7820.01	2603.44	2603.50	14.26	575915.52	603934.75	32°39'36.271"N	104°05'11.966"W	1.87	
10150.00	87.700	0.100	7821.26	2635.41	2635.47	14.54	575915.80	603966.72	32°39'36.587"N	104°05'11.962"W	2.52	
10182.00	88.200	359.900	7822.41	2667.39	2667.45	14.54	575915.80	603998.70	32°39'36.904"N	104°05'11.961"W	1.68	
10214.00	88.800	0.700	7823.25	2699.38	2699.44	14.70	575915.96	604030.69	32°39'37.220"N	104°05'11.958"W	3.12	
10246.00	89.100	0.400	7823.83	2731.37	2731.43	15.01	575916.27	604062.68	32°39'37.537"N	104°05'11.954"W	1.33	
10277.00	89.100	0.700	7824.32	2762.36	2762.43	15.31	575916.57	604093.67	32°39'37.844"N	104°05'11.949"W	0.97	
10309.00	89.500	1.000	7824.71	2794.35	2794.42	15.78	575917.04	604125.66	32°39'38.160"N	104°05'11.943"W	1.56	
10341.00	89.500	1.100	7824.99	2826.34	2826.41	16.37	575917.63	604157.65	32°39'38.477"N	104°05'11.935"W	0.31	
10373.00	89.300	0.200	7825.33	2858.34	2858.41	16.73	575917.99	604189.64	32°39'38.793"N	104°05'11.930"W	2.88	
10405.00	89.400	1.200	7825.69	2890.33	2890.41	17.12	575918.38	604221.64	32°39'39.110"N	104°05'11.925"W	3.14	
10437.00	90.000	1.200	7825.86	2922.32	2922.40	17.79	575919.05	604253.63	32°39'39.426"N	104°05'11.916"W	1.87	
10468.00	89.900	1.000	7825.88	2953.32	2953.39	18.39	575919.65	604284.62	32°39'39.733"N	104°05'11.908"W	0.72	
10500.00	89.900	0.300	7825.94	2985.31	2985.39	18.75	575920.01	604316.61	32°39'40.050"N	104°05'11.903"W	2.19	

Actual Wellpath Report

No. 2H AWP

Page 6 of 8

 Mewbourne Oil Company

 **BAKER
HUGHES**

INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 2H SHL
Area	Eddy County, NM	Well	No. 2H
Field	(Parkway 16) Sec 21, T19S, R29E	Wellbore	No. 2H AWB
Facility	Parkway 16 State Com No. 2H		

WELLPATH DATA (247 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]	Comments
10532.00	90.100	0.600	7825.94	3017.31	3017.39	19.00	575920.26	604348.61	32°39'40.366"N	104°05'11.899"W	1.13	
10563.00	90.600	0.900	7825.75	3048.30	3048.39	19.41	575920.67	604379.60	32°39'40.673"N	104°05'11.894"W	1.88	
10595.00	91.000	0.800	7825.30	3080.30	3080.38	19.88	575921.14	604411.59	32°39'40.990"N	104°05'11.887"W	1.29	
10627.00	90.100	0.100	7825.00	3112.29	3112.38	20.14	575921.39	604443.59	32°39'41.306"N	104°05'11.883"W	3.56	
10659.00	90.100	0.400	7824.94	3144.29	3144.38	20.27	575921.53	604475.58	32°39'41.623"N	104°05'11.881"W	0.94	
10690.00	90.100	0.700	7824.89	3175.29	3175.37	20.57	575921.83	604506.58	32°39'41.929"N	104°05'11.877"W	0.97	
10721.00	89.300	0.500	7825.05	3206.28	3206.37	20.90	575922.16	604537.57	32°39'42.236"N	104°05'11.872"W	2.66	
10753.00	89.000	0.000	7825.52	3238.28	3238.37	21.04	575922.29	604569.57	32°39'42.553"N	104°05'11.869"W	1.82	
10785.00	89.400	0.100	7825.97	3270.28	3270.36	21.06	575922.32	604601.56	32°39'42.869"N	104°05'11.868"W	1.29	
10817.00	89.600	0.300	7826.25	3302.27	3302.36	20.81	575922.07	604633.56	32°39'43.186"N	104°05'11.870"W	3.49	
10849.00	89.700	0.800	7826.44	3334.27	3334.36	20.76	575922.02	604665.55	32°39'43.503"N	104°05'11.870"W	5.63	
10881.00	89.800	0.100	7826.58	3366.27	3366.36	21.01	575922.27	604697.55	32°39'43.819"N	104°05'11.866"W	2.21	
10912.00	89.800	0.300	7826.69	3397.27	3397.36	20.90	575922.16	604728.54	32°39'44.126"N	104°05'11.867"W	1.94	
10944.00	89.000	0.300	7827.03	3429.26	3429.35	20.29	575921.54	604760.53	32°39'44.442"N	104°05'11.873"W	4.51	
10976.00	88.900	0.500	7827.61	3461.24	3461.32	19.11	575920.37	604792.50	32°39'44.759"N	104°05'11.886"W	2.52	
11008.00	88.900	0.500	7828.23	3493.20	3493.28	17.63	575918.89	604824.46	32°39'45.075"N	104°05'11.902"W	0.94	
11040.00	89.100	0.500	7828.79	3525.16	3525.24	16.02	575917.27	604856.41	32°39'45.391"N	104°05'11.920"W	0.88	
11071.00	88.000	0.500	7829.57	3556.12	3556.19	14.56	575915.81	604887.36	32°39'45.698"N	104°05'11.937"W	4.04	
11103.00	88.000	0.500	7830.69	3588.08	3588.14	13.22	575914.48	604919.31	32°39'46.014"N	104°05'11.951"W	0.00	
11135.00	87.800	0.500	7831.86	3620.04	3620.10	12.18	575913.44	604951.27	32°39'46.330"N	104°05'11.963"W	3.49	
11167.00	88.000	0.500	7833.03	3652.02	3652.08	11.60	575912.86	604983.24	32°39'46.647"N	104°05'11.969"W	1.68	
11199.00	89.100	0.500	7833.84	3684.01	3684.07	11.35	575912.61	605015.23	32°39'46.963"N	104°05'11.971"W	4.07	
11231.00	90.300	0.800	7834.01	3716.01	3716.06	11.54	575912.80	605047.22	32°39'47.280"N	104°05'11.968"W	4.69	
11262.00	90.700	0.700	7833.74	3747.00	3747.06	11.95	575913.21	605078.22	32°39'47.586"N	104°05'11.962"W	1.33	
11294.00	90.900	0.400	7833.29	3778.99	3779.06	12.26	575913.51	605110.21	32°39'47.903"N	104°05'11.957"W	1.13	
11326.00	91.200	0.400	7832.71	3810.99	3811.05	12.48	575913.74	605142.20	32°39'48.219"N	104°05'11.954"W	0.94	
11357.00	90.800	0.400	7832.17	3841.98	3842.04	12.70	575913.95	605173.19	32°39'48.526"N	104°05'11.951"W	1.29	
11389.00	89.800	0.500	7832.00	3873.98	3874.04	12.95	575914.21	605205.19	32°39'48.843"N	104°05'11.947"W	3.14	
11421.00	89.700	0.500	7832.14	3905.98	3906.04	13.03	575914.29	605237.18	32°39'49.159"N	104°05'11.945"W	2.21	
11453.00	89.900	0.500	7832.25	3937.98	3938.04	12.78	575914.04	605269.18	32°39'49.476"N	104°05'11.947"W	1.68	
11485.00	90.200	0.000	7832.22	3969.98	3970.04	12.58	575913.84	605301.18	32°39'49.793"N	104°05'11.948"W	2.38	
11517.00	90.300	0.300	7832.08	4001.98	4002.04	12.56	575913.81	605333.17	32°39'50.109"N	104°05'11.948"W	0.44	
11548.00	90.400	0.300	7831.89	4032.97	4033.04	12.61	575913.87	605364.17	32°39'50.416"N	104°05'11.946"W	1.33	
11579.00	88.700	0.300	7832.14	4063.97	4064.04	12.66	575913.92	605395.16	32°39'50.723"N	104°05'11.945"W	5.63	
11611.00	88.500	0.100	7832.97	4095.96	4096.02	12.66	575913.92	605427.15	32°39'51.039"N	104°05'11.944"W	1.40	
11643.00	88.200	0.900	7833.95	4127.94	4128.01	12.94	575914.20	605459.13	32°39'51.356"N	104°05'11.940"W	2.52	
11674.00	89.100	0.400	7834.68	4158.93	4159.00	13.29	575914.55	605490.12	32°39'51.662"N	104°05'11.935"W	3.32	
11706.00	89.100	0.200	7835.18	4190.93	4190.99	13.46	575914.72	605522.11	32°39'51.979"N	104°05'11.932"W	0.62	
11738.00	89.300	0.200	7835.63	4222.92	4222.99	13.57	575914.83	605554.10	32°39'52.296"N	104°05'11.930"W	0.62	
11770.00	89.700	0.300	7835.91	4254.92	4254.99	13.55	575914.80	605586.10	32°39'52.612"N	104°05'11.929"W	2.00	
11801.00	89.600	0.200	7836.10	4285.92	4285.99	13.52	575914.78	605617.10	32°39'52.919"N	104°05'11.929"W	1.64	
11833.00	89.400	0.400	7836.38	4317.92	4317.99	13.69	575914.95	605649.09	32°39'53.235"N	104°05'11.926"W	0.88	
11865.00	89.500	0.100	7836.69	4349.91	4349.98	13.83	575915.08	605681.09	32°39'53.552"N	104°05'11.924"W	0.99	
11897.00	89.500	0.300	7836.97	4381.91	4381.98	13.80	575915.06	605713.08	32°39'53.869"N	104°05'11.923"W	0.94	
11929.00	89.600	0.300	7837.22	4413.91	4413.98	13.69	575914.95	605745.08	32°39'54.185"N	104°05'11.923"W	0.31	

Actual Wellpath Report

No. 2H AWP

Page 7 of 8

INTEQ

REFERENCE WELLPATH IDENTIFICATION			
Operator	Mewbourne Oil Company	Slot	No. 2H SHL
Area	Eddy County, NM	Well	No. 2H
Field	(Parkway 16) Sec 21, T19S, R29E	Wellbore	No. 2H AWB
Facility	Parkway 16 State Com No. 2H		

WELLPATH DATA (247 stations)												
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]	Comments
11960.00	90.500	359.400	7837.19	4444.91	4444.98	13.47	575914.73	605776.08	32°39'54.492"N	104°05'11.925"W	3.18	
11992.00	91.100	359.300	7836.74	4476.91	4476.97	13.11	575914.37	605808.07	32°39'54.809"N	104°05'11.929"W	1.90	
12024.00	91.100	358.100	7836.13	4508.89	4508.96	12.38	575913.64	605840.05	32°39'55.125"N	104°05'11.936"W	3.75	
12056.00	90.900	357.800	7835.57	4540.87	4540.93	11.24	575912.50	605872.02	32°39'55.442"N	104°05'11.949"W	1.13	
12087.00	90.800	358.400	7835.11	4571.86	4571.91	10.21	575911.47	605903.00	32°39'55.748"N	104°05'11.960"W	1.96	
12119.00	90.500	358.400	7834.75	4603.84	4603.90	9.32	575910.57	605934.98	32°39'56.065"N	104°05'11.969"W	0.94	
12151.00	90.500	358.800	7834.47	4635.84	4635.89	8.53	575909.79	605966.97	32°39'56.381"N	104°05'11.978"W	1.25	
12183.00	90.400	358.900	7834.22	4667.83	4667.88	7.89	575909.15	605998.96	32°39'56.698"N	104°05'11.984"W	0.44	
12214.00	89.900	358.900	7834.14	4698.83	4698.88	7.30	575908.56	606029.95	32°39'57.004"N	104°05'11.990"W	1.61	
12246.00	89.800	358.800	7834.22	4730.82	4730.87	6.65	575907.91	606061.94	32°39'57.321"N	104°05'11.997"W	0.44	
12278.00	89.900	359.100	7834.30	4762.82	4762.86	6.07	575907.33	606093.93	32°39'57.638"N	104°05'12.003"W	0.99	
12310.00	89.500	359.500	7834.47	4794.82	4794.86	5.68	575906.94	606125.93	32°39'57.954"N	104°05'12.007"W	1.77	
12341.00	89.700	359.300	7834.69	4825.81	4825.86	5.35	575906.61	606156.92	32°39'58.261"N	104°05'12.010"W	0.91	
12373.00	89.500	359.300	7834.91	4857.81	4857.85	4.96	575906.22	606188.92	32°39'58.578"N	104°05'12.013"W	0.62	
12405.00	88.000	0.200	7835.61	4889.80	4889.85	4.82	575906.08	606220.90	32°39'58.894"N	104°05'12.014"W	5.47	
12436.00	87.700	359.900	7836.77	4920.78	4920.82	4.85	575906.11	606251.88	32°39'59.201"N	104°05'12.013"W	1.37	
12468.00	87.300	0.400	7838.17	4952.75	4952.79	4.93	575906.19	606283.85	32°39'59.517"N	104°05'12.011"W	2.00	
12499.00	87.000	0.100	7839.71	4983.71	4983.75	5.07	575906.33	606314.80	32°39'59.823"N	104°05'12.009"W	1.37	
12531.00	87.200	359.900	7841.33	5015.67	5015.71	5.07	575906.33	606346.76	32°40'00.139"N	104°05'12.008"W	0.88	
12563.00	86.700	0.600	7843.03	5047.62	5047.67	5.21	575906.47	606378.71	32°40'00.456"N	104°05'12.005"W	2.69	
12595.00	86.600	0.700	7844.90	5079.56	5079.61	5.57	575906.83	606410.65	32°40'00.772"N	104°05'12.000"W	0.44	
12637.00	86.600	0.700	7847.39	5121.49	5121.53	6.08	575907.34	606452.57	32°40'01.187"N	104°05'11.993"W	0.00	Proj to Bit

HOLE & CASING SECTIONS Ref Wellbore: No. 2H AWP Ref Wellpath: No. 2H AWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
8.75in Open Hole	0.00	7065.00	7065.00	0.00	7062.29	0.00	0.00	33.11	12.98

Actual Wellpath Report

 Mewbourne Oil Company

No. 2H AWP

Page 8 of 8



INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 2H SHL
Area	Eddy County, NM	Well	No. 2H
Field	(Parkway 16) Sec 21, T19S, R29E	Wellbore	No. 2H AWB
Facility	Parkway 16 State Com No. 2H		

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
No. 2H PBHL		7838.00	5146.06	-16.96	575884.30	606477.10	32°40'01.430"N	104°05'12.262"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	7065.00	Generic gyro - northseeking (Standard)	Gyro	No. 2H AWB
7065.00	12637.00	NaviTrak (Standard)	MWD	No. 2H AWB