

HOBBS OCD

Mewbourne Oil Company

Mewbourne Oil Company

Location: Lea County, New Mexico
Field: (El Mar) Sec 21, R 33-E, TS 26-S
Facility: El Mar 21 DM Fed Com No. 1H

Slot: No. 1H SHL
Well: No. 1H SHL
Wellbore: No. 1H SHL

FEB 12 2015
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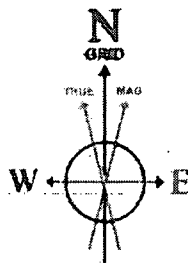
Plot reference wellpath is No. 1H AWP
This plot is a vertical section of the wellpath. The wellpath is plotted on a grid with Easting (ft) on the horizontal axis and True Vertical Depth (ft) on the vertical axis. The wellpath is plotted from the surface to the bottom of the well. The wellpath is plotted on a grid with Easting (ft) on the horizontal axis and True Vertical Depth (ft) on the vertical axis. The wellpath is plotted from the surface to the bottom of the well.

Location Information					
Facility Name	Grid East (ft)	Grid North (ft)	Latitude	Longitude	
El Mar 21 DM Fed Com No. 1H	377507.100	377507.100	32° 02' 00" N	102° 35' 00" W	
Grid East (ft)	Grid North (ft)	Grid East (ft)	Grid North (ft)	Latitude	Longitude
0.00	0.00	377507.100	377507.100	32° 02' 00" N	102° 35' 00" W
Proj to No. 1H SHL (ft)	Proj to Mudline (ft)	Proj to No. 1H SHL (ft)	Proj to No. 1H SHL (ft)	Proj to No. 1H SHL (ft)	Proj to No. 1H SHL (ft)
0.00	0.00	0.00	0.00	0.00	0.00
Proj to No. 1H SHL (ft)	Proj to Mudline (ft)	Proj to No. 1H SHL (ft)	Proj to No. 1H SHL (ft)	Proj to No. 1H SHL (ft)	Proj to No. 1H SHL (ft)
0.00	0.00	0.00	0.00	0.00	0.00

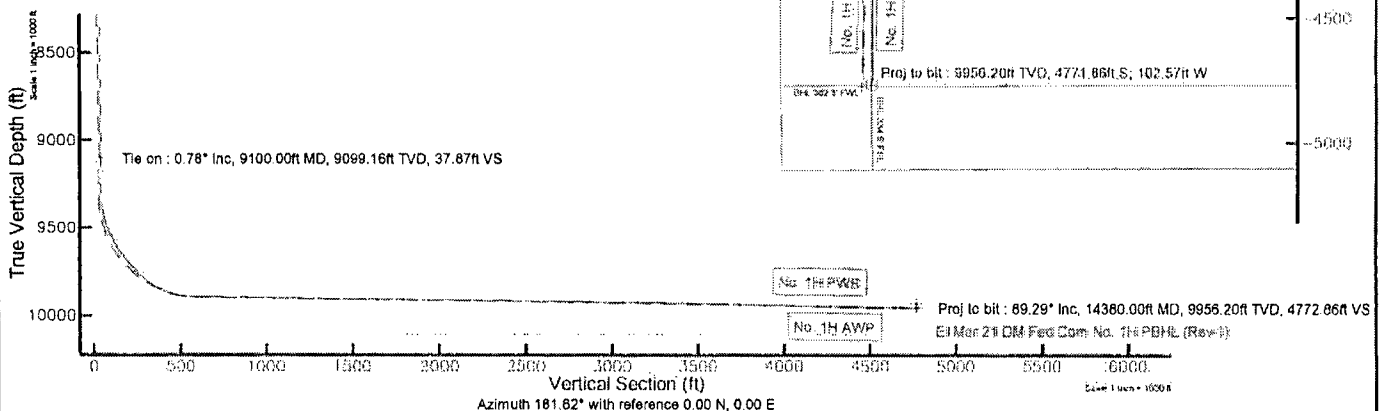
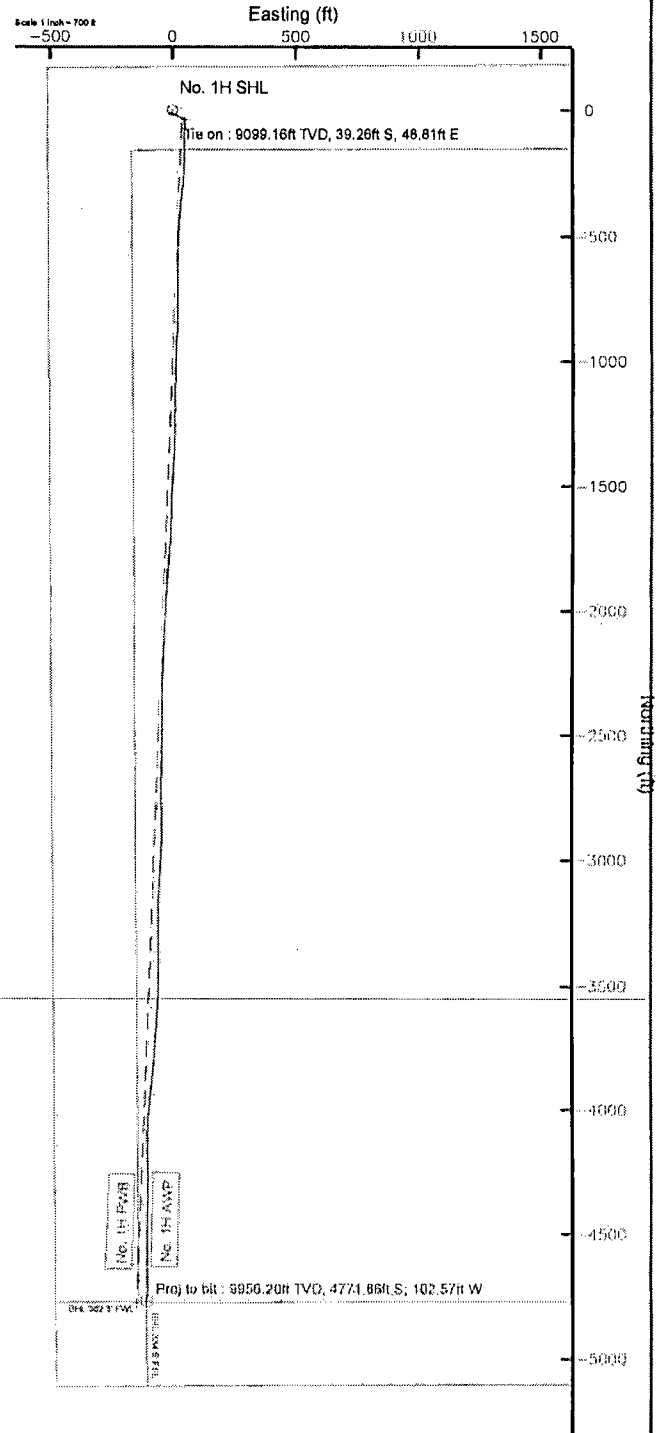
Wellpath Composition					
Well ID	Well Name	Well Type	Well Status	Well Depth (ft)	Well Depth (ft)
0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00

Bottom Hole Location					
Well ID	Well Name	Well Type	Well Status	Well Depth (ft)	Well Depth (ft)
0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00

Well Data			
Well ID	Well Name	Well Type	Well Status
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00



BGGM (1945.0 to 2016.0) Dip: 59.92° Field: 48127.2 nT
Magnetic North is 7.33 degrees East of True North (at 10/16/2014)
Grid North is 0.40 degrees East of True North
To correct azimuth from True to Grid subtract 0.40 degrees
To correct azimuth from Magnetic to Grid add 6.93 degrees



FEB 13 2015

Actual Wellpath Report

No. 1H AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Lea County, New Mexico	Well	No. 1H
Field	(El Mar) Sec 21, R 33-E, TS 26-S	Wellbore	No. 1H AWP
Facility	El Mar 21 DM Fed Com No. 1H		

REPORT SETUP INFORMATION

Projection System	NAD27 / TM New Mexico SP, Eastern Zone (3001), US feet	Software System	WellArchitect® 4.0.0
North Reference	Grid	User	Gilbjosl
Scale	0.999971	Report Generated	06/Nov/2014 at 9:44:27 AM
Convergence at slot	0.40° East	Database/Source file	WA Midland/No. 1H_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	732304.00	377507.10	32°02'08.396"N	103°35'01.219"W
Facility Reference Pt			732304.00	377507.10	32°02'08.396"N	103°35'01.219"W
Field Reference Pt			152400.30	0.00	30°59'42.846"N	105°26'33.659"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on No. 1H SHL (KB) to Facility Vertical Datum	20.00ft
Horizontal Reference Pt	Slot	Rig on No. 1H SHL (KB) to Mean Sea Level	3295.00ft
Vertical Reference Pt	Rig on No. 1H SHL (KB)	Rig on No. 1H SHL (KB) to Mud Line at Slot (No. 1H SHL)	20.00ft
MD Reference Pt	Rig on No. 1H SHL (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	181.62°

Actual Wellpath Report

No. 1H AWP

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Field	(El Mar) Sec 21, R 33-E, TS 26-S	Wellbore	No. 1H AWP
Facility	El Mar 21 DM Fed Com No. 1H		

WELLPATH DATA (166 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	186.900	0.00	0.00	0.00	0.00	732304.00	377507.10	32°02'08.396"N	103°35'01.219"W	0.00	
20.00	0.000	186.900	20.00	0.00	0.00	0.00	732304.00	377507.10	32°02'08.396"N	103°35'01.219"W	0.00	
100.00	0.360	186.900	100.00	0.25	-0.25	-0.03	732303.97	377506.85	32°02'08.393"N	103°35'01.219"W	0.45	
200.00	0.360	196.960	200.00	0.87	-0.86	-0.16	732303.84	377506.24	32°02'08.387"N	103°35'01.221"W	0.06	
300.00	0.800	195.540	299.99	1.85	-1.83	-0.44	732303.56	377505.27	32°02'08.377"N	103°35'01.224"W	0.44	
400.00	1.160	216.620	399.98	3.35	-3.32	-1.23	732302.77	377503.78	32°02'08.363"N	103°35'01.233"W	0.50	
500.00	1.160	215.690	499.96	5.02	-4.95	-2.42	732301.58	377502.15	32°02'08.347"N	103°35'01.247"W	0.02	
600.00	1.240	214.820	599.94	6.76	-6.66	-3.63	732300.37	377500.44	32°02'08.330"N	103°35'01.261"W	0.08	
700.00	1.040	215.660	699.92	8.42	-8.29	-4.78	732299.22	377498.81	32°02'08.314"N	103°35'01.275"W	0.20	
800.00	0.630	209.270	799.90	9.66	-9.51	-5.58	732298.42	377497.59	32°02'08.302"N	103°35'01.284"W	0.42	
900.00	0.620	219.790	899.90	10.57	-10.40	-6.19	732297.81	377496.70	32°02'08.293"N	103°35'01.291"W	0.12	
1000.00	0.700	221.900	999.89	11.46	-11.27	-6.95	732297.05	377495.83	32°02'08.284"N	103°35'01.300"W	0.08	
1100.00	0.360	210.540	1099.89	12.21	-12.00	-7.51	732296.49	377495.10	32°02'08.277"N	103°35'01.307"W	0.35	
1200.00	0.380	213.330	1199.89	12.76	-12.55	-7.86	732296.15	377494.55	32°02'08.272"N	103°35'01.311"W	0.03	
1300.00	0.160	186.220	1299.88	13.18	-12.96	-8.05	732295.95	377494.14	32°02'08.268"N	103°35'01.313"W	0.25	
1400.00	0.010	153.460	1399.88	13.33	-13.11	-8.06	732295.94	377493.99	32°02'08.266"N	103°35'01.313"W	0.15	
1500.00	0.040	77.850	1499.88	13.33	-13.11	-8.03	732295.97	377493.99	32°02'08.266"N	103°35'01.313"W	0.04	
1600.00	0.030	37.910	1599.88	13.30	-13.08	-7.98	732296.02	377494.02	32°02'08.267"N	103°35'01.312"W	0.03	
1700.00	0.030	72.910	1699.88	13.27	-13.05	-7.93	732296.07	377494.05	32°02'08.267"N	103°35'01.312"W	0.02	
1800.00	0.030	89.580	1799.88	13.26	-13.04	-7.88	732296.12	377494.06	32°02'08.267"N	103°35'01.311"W	0.01	
1900.00	0.180	176.510	1899.88	13.42	-13.20	-7.85	732296.15	377493.90	32°02'08.265"N	103°35'01.311"W	0.18	
2000.00	0.140	159.080	1999.88	13.69	-13.47	-7.79	732296.21	377493.63	32°02'08.263"N	103°35'01.310"W	0.06	
2100.00	0.070	121.920	2099.88	13.83	-13.62	-7.70	732296.30	377493.48	32°02'08.261"N	103°35'01.309"W	0.09	
2200.00	0.090	154.260	2199.88	13.93	-13.72	-7.61	732296.39	377493.38	32°02'08.260"N	103°35'01.308"W	0.05	
2300.00	0.130	138.960	2299.88	14.08	-13.88	-7.50	732296.50	377493.22	32°02'08.259"N	103°35'01.307"W	0.05	
2400.00	0.190	172.170	2399.88	14.33	-14.13	-7.41	732296.59	377492.97	32°02'08.256"N	103°35'01.306"W	0.11	
2500.00	0.180	217.240	2499.88	14.62	-14.42	-7.48	732296.52	377492.68	32°02'08.253"N	103°35'01.307"W	0.14	
2600.00	0.290	233.560	2599.88	14.91	-14.69	-7.78	732296.22	377492.41	32°02'08.251"N	103°35'01.310"W	0.13	
2700.00	0.300	215.310	2699.88	15.28	-15.06	-8.13	732295.87	377492.04	32°02'08.247"N	103°35'01.314"W	0.09	
2800.00	0.160	251.320	2799.88	15.55	-15.31	-8.42	732295.58	377491.79	32°02'08.245"N	103°35'01.318"W	0.19	

Actual Wellpath Report

No. 1H AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Lea County, New Mexico	Well	No. 1H
Field	(El Mar) Sec 21, R 33-E, TS 26-S	Wellbore	No. 1H AWP
Facility	El Mar 21 DM Fed Com No. 1H		

WELLPATH DATA (166 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
2900.00	0.300	199.240	2899.88	15.84	-15.61	-8.64	732295.36	377491.49	32°02'08.242"N	103°35'01.320"W	0.24	
3000.00	0.260	238.000	2999.88	16.22	-15.97	-8.91	732295.09	377491.13	32°02'08.238"N	103°35'01.323"W	0.19	
3100.00	0.330	186.160	3099.88	16.63	-16.38	-9.14	732294.86	377490.72	32°02'08.234"N	103°35'01.326"W	0.27	
3200.00	0.200	201.680	3199.88	17.08	-16.83	-9.23	732294.77	377490.27	32°02'08.230"N	103°35'01.327"W	0.15	
3300.00	0.120	175.000	3299.87	17.35	-17.10	-9.29	732294.71	377490.00	32°02'08.227"N	103°35'01.328"W	0.11	
3400.00	0.320	135.850	3399.87	17.65	-17.40	-9.08	732294.92	377489.70	32°02'08.224"N	103°35'01.326"W	0.24	
3500.00	0.340	113.730	3499.87	17.96	-17.72	-8.62	732295.38	377489.38	32°02'08.221"N	103°35'01.320"W	0.13	
3600.00	1.070	100.530	3599.86	18.21	-18.01	-7.43	732296.57	377489.09	32°02'08.218"N	103°35'01.306"W	0.74	
3700.00	1.250	87.890	3699.84	18.29	-18.14	-5.42	732298.58	377488.96	32°02'08.216"N	103°35'01.283"W	0.31	
3800.00	1.060	84.150	3799.82	18.10	-18.01	-3.41	732300.59	377489.09	32°02'08.218"N	103°35'01.260"W	0.20	
3900.00	0.920	76.290	3899.81	17.76	-17.72	-1.71	732302.29	377489.38	32°02'08.220"N	103°35'01.240"W	0.19	
4000.00	0.530	72.330	3999.80	17.40	-17.39	-0.49	732303.51	377489.71	32°02'08.223"N	103°35'01.226"W	0.39	
4100.00	0.470	39.440	4099.80	16.92	-16.93	0.21	732304.21	377490.17	32°02'08.228"N	103°35'01.218"W	0.29	
4200.00	0.510	57.120	4199.79	16.35	-16.38	0.85	732304.85	377490.72	32°02'08.233"N	103°35'01.210"W	0.16	
4300.00	0.930	67.560	4299.79	15.76	-15.82	1.97	732305.97	377491.28	32°02'08.239"N	103°35'01.197"W	0.44	
4400.00	1.130	97.580	4399.77	15.53	-15.64	3.70	732307.70	377491.46	32°02'08.240"N	103°35'01.177"W	0.57	
4500.00	1.330	94.840	4499.75	15.70	-15.87	5.83	732309.83	377491.23	32°02'08.238"N	103°35'01.152"W	0.21	
4600.00	2.130	105.200	4599.70	16.20	-16.46	8.78	732312.78	377490.64	32°02'08.232"N	103°35'01.118"W	0.86	
4700.00	2.210	109.350	4699.63	17.23	-17.58	12.39	732316.39	377489.52	32°02'08.221"N	103°35'01.076"W	0.18	
4800.00	1.760	112.690	4799.57	18.37	-18.81	15.63	732319.63	377488.29	32°02'08.208"N	103°35'01.039"W	0.46	
4900.00	1.670	117.870	4899.52	19.56	-20.09	18.33	732322.33	377487.01	32°02'08.195"N	103°35'01.007"W	0.18	
5000.00	1.340	129.880	4999.49	20.93	-21.52	20.52	732324.52	377485.58	32°02'08.181"N	103°35'00.982"W	0.45	
5100.00	1.250	138.760	5099.46	22.46	-23.09	22.14	732326.14	377484.01	32°02'08.166"N	103°35'00.963"W	0.22	
5200.00	1.090	137.350	5199.44	23.94	-24.61	23.50	732327.50	377482.49	32°02'08.150"N	103°35'00.948"W	0.16	
5300.00	1.070	139.020	5299.43	25.30	-26.01	24.76	732328.76	377481.09	32°02'08.136"N	103°35'00.933"W	0.04	
5400.00	0.530	139.700	5399.42	26.34	-27.07	25.67	732329.67	377480.03	32°02'08.126"N	103°35'00.923"W	0.54	
5500.00	0.580	144.640	5499.41	27.08	-27.84	26.26	732330.26	377479.26	32°02'08.118"N	103°35'00.916"W	0.07	
5600.00	0.460	151.410	5599.41	27.84	-28.60	26.74	732330.74	377478.50	32°02'08.111"N	103°35'00.910"W	0.13	
5700.00	0.590	168.170	5699.40	28.68	-29.46	27.04	732331.04	377477.64	32°02'08.102"N	103°35'00.907"W	0.20	
5800.00	0.310	159.010	5799.40	29.43	-30.21	27.24	732331.24	377476.89	32°02'08.095"N	103°35'00.905"W	0.29	

Actual Wellpath Report

No. 1H AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Lea County, New Mexico	Well	No. 1H
Field	(El Mar) Sec 21, R 33-E, TS 26-S	Wellbore	No. 1H AWP
Facility	El Mar 21 DM Fed Com No. 1H		

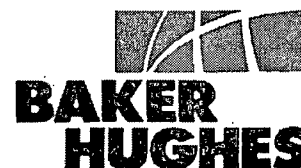
WELLPATH DATA (166 stations)

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
5900.00	0.350	183.350	5899.40	29.99	-30.77	27.32	732331.32	377476.33	32°02'08.089"N	103°35'00.904"W	0.14	
6000.00	0.150	209.620	5999.40	30.41	-31.19	27.24	732331.24	377475.91	32°02'08.085"N	103°35'00.905"W	0.23	
6100.00	0.010	209.360	6099.40	30.53	-31.31	27.17	732331.17	377475.79	32°02'08.084"N	103°35'00.905"W	0.14	
6200.00	0.170	217.800	6199.40	30.66	-31.44	27.08	732331.08	377475.66	32°02'08.083"N	103°35'00.907"W	0.16	
6300.00	0.060	226.900	6299.40	30.82	-31.59	26.95	732330.95	377475.51	32°02'08.081"N	103°35'00.908"W	0.11	
6400.00	0.050	320.320	6399.40	30.82	-31.59	26.88	732330.88	377475.51	32°02'08.081"N	103°35'00.909"W	0.08	
6500.00	0.080	305.580	6499.40	30.75	-31.52	26.80	732330.80	377475.58	32°02'08.082"N	103°35'00.910"W	0.03	
6600.00	0.070	71.090	6599.40	30.69	-31.46	26.80	732330.80	377475.64	32°02'08.082"N	103°35'00.910"W	0.13	
6700.00	0.160	11.860	6699.40	30.53	-31.30	26.88	732330.88	377475.80	32°02'08.084"N	103°35'00.909"W	0.14	
6800.00	0.060	13.270	6799.40	30.34	-31.11	26.93	732330.92	377475.99	32°02'08.086"N	103°35'00.908"W	0.10	
6900.00	0.210	22.090	6899.40	30.12	-30.89	27.01	732331.01	377476.21	32°02'08.088"N	103°35'00.907"W	0.15	
7000.00	0.230	25.690	6999.39	29.76	-30.54	27.16	732331.16	377476.56	32°02'08.091"N	103°35'00.906"W	0.02	
7100.00	0.200	12.870	7099.39	29.41	-30.19	27.29	732331.29	377476.91	32°02'08.095"N	103°35'00.904"W	0.06	
7200.00	0.090	30.870	7199.39	29.17	-29.95	27.37	732331.37	377477.15	32°02'08.097"N	103°35'00.903"W	0.12	
7300.00	0.480	50.680	7299.39	28.83	-29.62	27.73	732331.73	377477.48	32°02'08.101"N	103°35'00.899"W	0.40	
7400.00	0.260	63.650	7399.39	28.45	-29.25	28.26	732332.26	377477.85	32°02'08.104"N	103°35'00.893"W	0.23	
7500.00	0.450	95.930	7499.39	28.37	-29.19	28.85	732332.85	377477.91	32°02'08.105"N	103°35'00.886"W	0.27	
7600.00	0.810	121.060	7599.38	28.75	-29.60	29.85	732333.85	377477.50	32°02'08.101"N	103°35'00.874"W	0.45	
7700.00	0.780	112.500	7699.37	29.34	-30.23	31.08	732335.08	377476.88	32°02'08.094"N	103°35'00.860"W	0.12	
7800.00	0.960	107.220	7799.36	29.80	-30.73	32.51	732336.51	377476.37	32°02'08.089"N	103°35'00.843"W	0.20	
7900.00	0.930	80.650	7899.35	29.87	-30.85	34.11	732338.11	377476.25	32°02'08.088"N	103°35'00.825"W	0.44	
8000.00	1.120	84.360	7999.33	29.60	-30.62	35.89	732339.89	377476.48	32°02'08.090"N	103°35'00.804"W	0.20	
8100.00	1.350	95.170	8099.31	29.55	-30.63	38.03	732342.03	377476.47	32°02'08.090"N	103°35'00.779"W	0.33	
8200.00	1.350	103.480	8199.28	29.86	-31.01	40.35	732344.35	377476.09	32°02'08.086"N	103°35'00.752"W	0.20	
8300.00	1.250	117.420	8299.26	30.58	-31.79	42.46	732346.46	377475.31	32°02'08.078"N	103°35'00.728"W	0.33	
8400.00	1.370	127.930	8399.23	31.76	-33.03	44.38	732348.37	377474.07	32°02'08.066"N	103°35'00.706"W	0.27	
8500.00	1.040	125.730	8499.21	32.98	-34.29	46.06	732350.05	377472.81	32°02'08.053"N	103°35'00.686"W	0.33	
8600.00	0.950	134.630	8599.19	34.05	-35.40	47.38	732351.38	377471.70	32°02'08.042"N	103°35'00.671"W	0.18	
8700.00	0.740	142.580	8699.18	35.12	-36.50	48.36	732352.36	377470.60	32°02'08.031"N	103°35'00.660"W	0.24	
8800.00	0.680	160.420	8799.17	36.17	-37.57	48.96	732352.95	377469.53	32°02'08.020"N	103°35'00.653"W	0.23	

Actual Wellpath Report

No. 1H AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Lea County, New Mexico	Well	No. 1H
Field	(El Mar) Sec 21, R 33-E, TS 26-S	Wellbore	No. 1H AWP
Facility	El Mar 21 DM Fed Com No. 1H		

WELLPATH DATA (166 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
8900.00	0.610	165.430	8899.17	37.24	-38.65	49.29	732353.29	377468.46	32°02'08.010"N	103°35'00.649"W	0.09	
9000.00	0.260	183.480	8999.16	37.98	-39.39	49.41	732353.41	377467.71	32°02'08.002"N	103°35'00.648"W	0.37	
9100.00	0.780	301.130	9099.16	37.87	-39.26	48.81	732352.81	377467.84	32°02'08.004"N	103°35'00.655"W	0.93	
9237.00	0.890	337.900	9236.15	36.43	-37.79	47.61	732351.61	377469.31	32°02'08.018"N	103°35'00.669"W	0.39	
9300.00	1.200	58.980	9299.14	35.63	-37.00	48.00	732351.99	377470.10	32°02'08.026"N	103°35'00.664"W	2.19	
9332.00	2.830	164.760	9331.13	36.21	-37.59	48.49	732352.49	377469.51	32°02'08.020"N	103°35'00.658"W	10.50	
9363.00	7.470	169.830	9361.99	38.91	-40.31	49.05	732353.05	377466.79	32°02'07.993"N	103°35'00.652"W	15.03	
9395.00	11.800	172.460	9393.53	44.18	-45.61	49.84	732353.84	377461.49	32°02'07.941"N	103°35'00.643"W	13.60	
9427.00	15.100	176.550	9424.65	51.57	-53.01	50.52	732354.52	377454.09	32°02'07.867"N	103°35'00.636"W	10.73	
9459.00	17.810	181.620	9455.34	60.61	-62.07	50.64	732354.64	377445.03	32°02'07.778"N	103°35'00.635"W	9.58	
9522.00	23.320	182.480	9514.30	82.73	-84.17	49.82	732353.82	377422.93	32°02'07.559"N	103°35'00.647"W	8.76	
9554.00	25.700	180.680	9543.42	96.01	-97.44	49.47	732353.47	377409.66	32°02'07.428"N	103°35'00.652"W	7.79	
9586.00	29.500	179.850	9571.77	110.82	-112.26	49.41	732353.41	377394.84	32°02'07.281"N	103°35'00.654"W	11.94	
9617.00	31.970	179.820	9598.42	126.66	-128.11	49.45	732353.45	377379.00	32°02'07.124"N	103°35'00.654"W	7.97	
9649.00	33.680	181.420	9625.31	144.00	-145.45	49.26	732353.26	377361.66	32°02'06.953"N	103°35'00.658"W	5.99	
9681.00	35.480	182.320	9651.65	162.16	-163.60	48.66	732352.66	377343.51	32°02'06.773"N	103°35'00.667"W	5.85	
9712.00	37.400	182.800	9676.59	180.57	-181.99	47.84	732351.84	377325.11	32°02'06.591"N	103°35'00.678"W	6.26	
9744.00	39.510	182.720	9701.65	200.47	-201.87	46.88	732350.88	377305.24	32°02'06.395"N	103°35'00.690"W	6.60	
9777.00	41.540	181.680	9726.73	221.91	-223.30	46.06	732350.06	377283.81	32°02'06.183"N	103°35'00.702"W	6.48	
9809.00	44.220	181.910	9750.18	243.68	-245.06	45.38	732349.38	377262.05	32°02'05.967"N	103°35'00.711"W	8.39	
9837.00	47.260	183.540	9769.72	263.73	-265.08	44.42	732348.42	377242.02	32°02'05.769"N	103°35'00.724"W	11.63	
9868.00	51.180	186.390	9789.96	287.15	-288.46	42.37	732346.37	377218.65	32°02'05.538"N	103°35'00.750"W	14.43	
9900.00	55.340	186.500	9809.10	312.70	-313.94	39.49	732343.49	377193.17	32°02'05.286"N	103°35'00.785"W	13.00	
9932.00	59.340	187.020	9826.37	339.52	-340.68	36.32	732340.32	377166.43	32°02'05.022"N	103°35'00.824"W	12.57	
10027.00	70.200	185.020	9866.80	425.08	-426.02	27.39	732331.39	377081.09	32°02'04.178"N	103°35'00.935"W	11.59	
10059.00	75.360	183.290	9876.27	455.60	-456.49	25.18	732329.18	377050.62	32°02'03.877"N	103°35'00.963"W	16.93	
10094.00	80.350	182.120	9883.64	489.80	-490.66	23.57	732327.57	377016.45	32°02'03.539"N	103°35'00.984"W	14.63	
10126.00	85.900	181.340	9887.46	521.56	-522.40	22.61	732326.61	376984.71	32°02'03.225"N	103°35'00.998"W	17.51	
10157.00	89.050	181.210	9888.83	552.52	-553.36	21.92	732325.92	376953.76	32°02'02.918"N	103°35'01.009"W	10.17	
10187.00	88.890	181.070	9889.37	582.52	-583.35	21.33	732325.32	376923.77	32°02'02.621"N	103°35'01.018"W	0.71	

Actual Wellpath Report

No. 1H AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Lea County, New Mexico	Well	No. 1H
Field	(El Mar) Sec 21, R 33-E, TS 26-S	Wellbore	No. 1H AWP
Facility	El Mar 21 DM Fed Com No. 1H		

WELLPATH DATA (166 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
10221.00	89.320	180.260	9889.90	616.51	-617.34	20.93	732324.93	376889.77	32°02'02.285"N	103°35'01.025"W	2.70	
10285.00	89.260	179.170	9890.69	680.47	-681.34	21.25	732325.25	376825.78	32°02'01.652"N	103°35'01.027"W	1.71	
10379.00	89.090	180.170	9892.05	774.40	-775.33	21.79	732325.79	376731.80	32°02'00.722"N	103°35'01.028"W	1.08	
10475.00	89.230	182.320	9893.45	870.38	-871.29	19.70	732323.70	376635.84	32°01'59.772"N	103°35'01.060"W	2.24	
10570.00	89.140	182.650	9894.81	965.36	-966.19	15.59	732319.59	376540.94	32°01'58.834"N	103°35'01.115"W	0.36	
10665.00	88.830	180.700	9896.49	1060.34	-1061.13	12.81	732316.81	376446.01	32°01'57.894"N	103°35'01.155"W	2.08	
10760.00	88.060	181.610	9899.07	1155.30	-1156.07	10.90	732314.90	376351.06	32°01'56.955"N	103°35'01.185"W	1.25	
10855.00	89.350	178.910	9901.21	1250.24	-1251.04	10.47	732314.47	376256.10	32°01'56.015"N	103°35'01.198"W	3.15	
10950.00	89.380	183.170	9902.27	1345.21	-1345.99	8.74	732312.74	376161.15	32°01'55.076"N	103°35'01.226"W	4.48	
11045.00	89.410	183.620	9903.27	1440.16	-1440.82	3.12	732307.12	376066.33	32°01'54.138"N	103°35'01.299"W	0.47	
11141.00	89.380	182.070	9904.28	1536.13	-1536.69	-1.65	732302.35	375970.45	32°01'53.189"N	103°35'01.362"W	1.61	
11236.00	89.380	180.600	9905.31	1631.12	-1631.66	-3.86	732300.14	375875.49	32°01'52.250"N	103°35'01.395"W	1.55	
11331.00	89.050	184.820	9906.61	1726.07	-1726.52	-8.35	732295.65	375780.63	32°01'51.311"N	103°35'01.455"W	4.46	
11426.00	89.260	184.410	9908.02	1820.93	-1821.20	-15.99	732288.01	375685.95	32°01'50.375"N	103°35'01.551"W	0.48	
11521.00	89.290	183.360	9909.22	1915.85	-1915.98	-22.43	732281.57	375591.18	32°01'49.437"N	103°35'01.634"W	1.11	
11616.00	89.450	183.110	9910.26	2010.80	-2010.82	-27.79	732276.21	375496.34	32°01'48.499"N	103°35'01.704"W	0.31	
11711.00	89.410	182.710	9911.21	2105.77	-2105.69	-32.61	732271.39	375401.47	32°01'47.561"N	103°35'01.767"W	0.42	
11806.00	89.260	182.850	9912.31	2200.75	-2200.57	-37.22	732266.78	375306.59	32°01'46.622"N	103°35'01.828"W	0.22	
11901.00	89.260	181.010	9913.54	2295.73	-2295.51	-40.42	732263.58	375211.66	32°01'45.683"N	103°35'01.873"W	1.94	
11996.00	89.140	179.380	9914.86	2390.69	-2390.49	-40.74	732263.26	375116.68	32°01'44.743"N	103°35'01.885"W	1.72	
12091.00	89.230	180.230	9916.21	2485.63	-2485.48	-40.42	732263.58	375021.69	32°01'43.803"N	103°35'01.888"W	0.90	
12187.00	89.170	181.600	9917.55	2581.62	-2581.46	-41.95	732262.05	374925.72	32°01'42.853"N	103°35'01.914"W	1.43	
12282.00	89.380	180.570	9918.76	2676.60	-2676.43	-43.75	732260.25	374830.75	32°01'41.914"N	103°35'01.943"W	1.11	
12377.00	88.950	179.260	9920.14	2771.55	-2771.42	-43.61	732260.39	374735.76	32°01'40.974"N	103°35'01.949"W	1.45	
12472.00	89.110	179.790	9921.75	2866.47	-2866.40	-42.82	732261.18	374640.79	32°01'40.034"N	103°35'01.947"W	0.58	
12567.00	89.350	182.030	9923.03	2961.45	-2961.38	-44.33	732259.67	374545.81	32°01'39.094"N	103°35'01.972"W	2.37	
12662.00	89.260	184.450	9924.18	3056.40	-3056.21	-49.70	732254.30	374450.98	32°01'38.156"N	103°35'02.042"W	2.55	
12757.00	89.170	182.430	9925.48	3151.33	-3151.03	-55.40	732248.60	374356.17	32°01'37.218"N	103°35'02.116"W	2.13	
12853.00	88.890	179.570	9927.11	3247.31	-3246.99	-57.07	732246.93	374260.21	32°01'36.269"N	103°35'02.143"W	2.99	
12948.00	88.680	179.360	9929.12	3342.22	-3341.96	-56.19	732247.81	374165.24	32°01'35.329"N	103°35'02.141"W	0.31	

Actual Wellpath Report

No. 1H AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Lea County, New Mexico	Well	No. 1H
Field	(El Mar) Sec 21, R 33-E, TS 26-S	Wellbore	No. 1H AWP
Facility	El Mar 21 DM Fed Com No. 1H		

WELLPATH DATA (166 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
13042.00	88.890	179.620	9931.11	3436.13	-3435.94	-55.35	732248.65	374071.27	32°01'34.399"N	103°35'02.138"W	0.36	
13138.00	88.920	182.610	9932.95	3532.10	-3531.89	-57.22	732246.78	373975.32	32°01'33.450"N	103°35'02.168"W	3.11	
13233.00	88.950	183.590	9934.71	3627.05	-3626.73	-62.36	732241.65	373880.48	32°01'32.511"N	103°35'02.235"W	1.03	
13328.00	88.710	184.870	9936.65	3721.93	-3721.45	-69.36	732234.64	373785.76	32°01'31.575"N	103°35'02.324"W	1.37	
13423.00	88.950	184.890	9938.59	3816.75	-3816.09	-77.44	732226.56	373691.13	32°01'30.639"N	103°35'02.426"W	0.25	
13518.00	88.710	185.810	9940.53	3911.53	-3910.65	-86.30	732217.71	373596.57	32°01'29.703"N	103°35'02.536"W	1.00	
13613.00	88.860	185.000	9942.55	4006.30	-4005.21	-95.24	732208.76	373502.01	32°01'28.768"N	103°35'02.648"W	0.87	
13708.00	88.860	181.010	9944.44	4101.24	-4100.04	-100.22	732203.78	373407.19	32°01'27.830"N	103°35'02.713"W	4.20	
13804.00	89.010	178.840	9946.22	4197.17	-4196.02	-100.10	732203.91	373311.21	32°01'26.881"N	103°35'02.719"W	2.27	
13899.00	88.520	179.220	9948.27	4292.05	-4290.98	-98.49	732205.52	373216.25	32°01'25.941"N	103°35'02.708"W	0.65	
13994.00	88.640	181.630	9950.63	4387.00	-4385.94	-99.19	732204.81	373121.29	32°01'25.001"N	103°35'02.724"W	2.54	
14089.00	89.260	179.400	9952.37	4481.96	-4480.92	-100.05	732203.96	373026.32	32°01'24.061"N	103°35'02.742"W	2.44	
14184.00	89.140	180.160	9953.69	4576.90	-4575.91	-99.68	732204.32	372931.33	32°01'23.121"N	103°35'02.745"W	0.81	
14279.00	89.320	180.690	9954.97	4671.87	-4670.90	-100.39	732203.62	372836.35	32°01'22.181"N	103°35'02.761"W	0.59	
14355.00	89.290	181.570	9955.89	4747.86	-4746.87	-101.88	732202.12	372760.37	32°01'21.430"N	103°35'02.785"W	1.16	
14380.00	89.290	181.570	9956.20	4772.86	-4771.86	-102.57	732201.43	372735.38	32°01'21.182"N	103°35'02.795"W	0.00	Proj to bit