

OPERATOR
WELL/LEASE
COUNTY

MEWBOURNE OIL COMPANY
PARKWAY 26 STATE COM 4H
EDDY

RECEIVED

SEP - 9 2010

NMOCD ARTESIA

STATE OF NEW MEXICO
DEVIATION REPORT

210	1.53	8,242	66.40	11,037	89.00
636	1.43	8,462	88.10	11,101	89.20
952	3.20	8,525	88.88	11,133	89.70
1,080	3.98	8,557	88.90	11,197	87.70
1,207	3.34	8,590	88.60	11,261	89.00
1,302	2.31	8,653	88.00	11,324	87.30
1,526	.66	8,685	89.10	11,642	88.10
1,717	.32	8,717	89.10	11,706	88.60
2,066	.75	8,876	88.60	11,802	89.00
2,446	.66	8,908	89.10	11,863	89.10
2,859	.73	8,940	89.31	11,927	89.20
3,271	.87	8,972	89.00	12,022	88.80
3,970	.34	9,003	88.80	12,054	88.50
4,383	.24	9,036	89.10	12,086	88.50
4,764	.38	9,162	89.10	12,181	88.00
5,176	.59	9,225	88.80	12,245	88.50
5,589	.45	9,257	89.50	12,277	88.40
5,994	.49	9,352	89.41	12,309	89.10
6,041	.73	9,384	89.51	12,341	89.10
6,401	.73	9,418	89.30	12,373	90.10
6,813	1.10	9,481	88.40		
7,220	.80	9,545	88.10		
7,438	1.60	9,608	88.10		
7,515	1.70	9,640	87.90		
7,548	2.20	9,703	87.70		
7,611	6.50	9,766	80.70		
7,643	9.30	9,798	86.51		
7,675	12.90	9,862	87.40		
7,707	16.50	9,926	88.50		
7,738	19.11	10,116	88.30		
7,770	21.90	10,180	89.50		
7,801	24.50	10,221	89.40		
7,864	30.61	10,275	88.90		
7,895	35.20	10,307	88.60		
7,927	39.20	10,370	88.50		
7,991	44.50	10,433	88.40		
8,022	46.70	10,497	87.90		
8,053	49.00	10,815	89.50		
8,084	51.50	10,879	90.00		
8,115	56.20	10,911	90.00		
8,177	60.90	10,942	88.90		

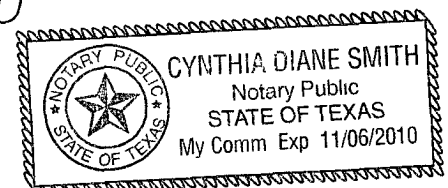
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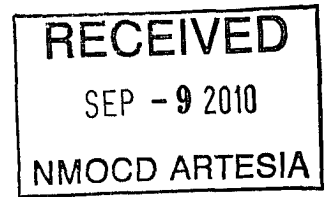
STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on
Robinson on behalf of Patterson-UTI Drilling Company LLC.

Notary Public for Midland County, Texas
My Commission Expires:





A Gyrodata Directional Survey

for

MEWBOURNE OIL COMPANY

Location: Patterson 47, Eddy, NM, Lease: Parkway 26 State Com Well: 4H, 4.5" Drilpipe

Job Number: MD0610GVCW262

Run Date: 24 Jun 2010

Surveyor: Dmitriy Kalachev, Natilo Pena

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 32.625331 deg. N Longitude: 104.052553 deg. W

Azimuth Correction:

Gyro: -0.15000 deg to Grid North

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Well Head Location

A Gyrodata Directional Survey

Mewbourne Oil Company

Location: Patterson 47, Eddy, NM

Lease: Parkway 26 State Com Well: 4H, 4.5" Drilpipe

Job Number: MD0610GVCW262

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	VERTICAL DEPTH feet	HORIZONTAL COORDINATES feet	VERTICAL SECTION feet	DOGLEG SEVERITY deg./ 100 ft.
0.00	0.00	0.00	0.00	0.00 N 0.00 E	0.0	0.00

0 TO 7350 FT RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 4 5" DRILLPIPE						
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO PATTERSON #47 R.K.B.						

100.00	0.98	160.95	100.00	0.81 S 0.28 E	-0.8	0.98
200.00	1.02	167.60	199.98	2.49 S 0.75 E	-2.5	0.12
300.00	1.10	156.99	299.96	4.23 S 1.31 E	-4.2	0.21
400.00	1.31	147.24	399.94	6.08 S 2.31 E	-6.1	0.29
500.00	1.55	114.89	499.91	7.61 S 4.16 E	-7.6	0.83
600.00	2.12	105.84	599.86	8.68 S 7.16 E	-8.7	0.63
700.00	2.39	87.83	699.78	9.11 S 11.03 E	-9.1	0.76
800.00	2.77	78.05	799.68	8.53 S 15.48 E	-8.5	0.58
900.00	3.17	77.78	899.55	7.44 S 20.55 E	-7.4	0.40
1000.00	3.58	75.62	999.37	6.08 S 26.28 E	-6.1	0.43
1100.00	3.70	81.57	1099.17	4.83 S 32.50 E	-4.8	0.40
1200.00	3.52	82.36	1198.97	3.95 S 38.74 E	-4.0	0.19
1300.00	2.84	83.48	1298.82	3.26 S 44.24 E	-3.3	0.69
1400.00	2.17	89.05	1398.72	2.95 S 48.59 E	-3.0	0.70
1500.00	1.47	94.61	1498.67	3.02 S 51.76 E	-3.0	0.73
1600.00	1.01	76.21	1598.65	2.92 S 53.89 E	-2.9	0.61
1700.00	0.76	77.39	1698.64	2.56 S 55.40 E	-2.6	0.24
1800.00	0.73	81.03	1798.63	2.32 S 56.67 E	-2.3	0.06
1900.00	0.69	75.03	1898.62	2.06 S 57.88 E	-2.1	0.08
2000.00	0.72	73.54	1998.61	1.73 S 59.06 E	-1.7	0.04
2100.00	0.85	62.70	2098.60	1.21 S 60.33 E	-1.2	0.20
2200.00	0.70	48.43	2198.59	0.46 S 61.44 E	-0.5	0.24
2300.00	0.61	50.02	2298.59	0.28 N 62.31 E	0.3	0.09
2400.00	0.78	47.53	2398.58	1.09 N 63.22 E	1.1	0.17
2500.00	0.71	42.59	2498.57	2.00 N 64.14 E	2.0	0.10
2600.00	0.78	43.35	2598.56	2.95 N 65.02 E	3.0	0.07
2700.00	0.82	18.87	2698.55	4.12 N 65.72 E	4.1	0.34
2800.00	1.19	11.75	2798.54	5.82 N 66.17 E	5.8	0.39
2900.00	1.08	17.00	2898.52	7.74 N 66.66 E	7.7	0.15
3000.00	0.87	12.31	2998.50	9.39 N 67.09 E	9.4	0.22
3100.00	0.94	14.03	3098.49	10.92 N 67.45 E	10.9	0.07
3200.00	0.86	25.03	3198.48	12.40 N 67.97 E	12.4	0.19

A Gyrodata Directional Survey

Mewbourne Oil Company

Location: Patterson 47, Eddy, NM

Lease: Parkway 26 State Com Well: 4H, 4.5" Drilpipe

Job Number: MD0610GVCW262

MEASURED DEPTH	INCL deg.	AZIMUTH deg.	VERTICAL DEPTH feet	HORIZONTAL COORDINATES feet		VERTICAL SECTION feet	DOGLEG SEVERITY deg./ 100 ft.
3300.00	0.86	26.99	3298.47	13.74 N	68.63 E	13.7	0.03
3400.00	0.97	47.04	3398.46	14.98 N	69.58 E	15.0	0.34
3500.00	1.02	54.24	3498.44	16.07 N	70.92 E	16.1	0.14
3600.00	0.93	63.79	3598.43	16.95 N	72.37 E	16.9	0.18
3700.00	0.98	62.44	3698.41	17.71 N	73.86 E	17.7	0.05
3800.00	0.50	63.78	3798.40	18.29 N	75.01 E	18.3	0.48
3900.00	0.59	48.50	3898.40	18.82 N	75.78 E	18.8	0.17
4000.00	0.44	49.52	3998.40	19.41 N	76.45 E	19.4	0.14
4100.00	0.38	61.09	4098.39	19.82 N	77.03 E	19.8	0.10
4200.00	0.42	51.68	4198.39	20.21 N	77.61 E	20.2	0.08
4300.00	0.22	46.32	4298.39	20.57 N	78.03 E	20.6	0.21
4400.00	0.18	120.45	4398.39	20.62 N	78.30 E	20.6	0.24
4500.00	0.14	158.49	4498.39	20.42 N	78.49 E	20.4	0.11
4600.00	0.31	153.51	4598.39	20.06 N	78.65 E	20.1	0.17
4700.00	0.21	177.08	4698.39	19.64 N	78.78 E	19.6	0.15
4800.00	0.38	175.66	4798.39	19.12 N	78.82 E	19.1	0.18
4900.00	0.32	179.44	4898.38	18.51 N	78.85 E	18.5	0.07
5000.00	0.06	218.64	4998.38	18.19 N	78.82 E	18.2	0.27
5100.00	0.04	10.93	5098.38	18.19 N	78.79 E	18.2	0.10
5200.00	0.27	296.38	5198.38	18.33 N	78.58 E	18.3	0.27
5300.00	0.25	267.71	5298.38	18.43 N	78.15 E	18.4	0.13
5400.00	0.51	303.85	5398.38	18.67 N	77.56 E	18.7	0.34
5500.00	0.77	301.86	5498.37	19.27 N	76.62 E	19.3	0.26
5600.00	0.74	296.22	5598.36	19.91 N	75.47 E	19.9	0.08
5700.00	1.16	307.30	5698.35	20.81 N	74.09 E	20.8	0.46
5800.00	1.05	305.08	5798.33	21.95 N	72.53 E	21.9	0.12
5900.00	0.73	304.22	5898.32	22.84 N	71.25 E	22.8	0.32
6000.00	0.80	305.27	5998.31	23.60 N	70.15 E	23.6	0.07
6100.00	0.76	294.15	6098.30	24.28 N	68.98 E	24.3	0.16
6200.00	0.81	303.04	6198.29	24.93 N	67.78 E	24.9	0.13
6300.00	0.98	295.69	6298.28	25.69 N	66.42 E	25.7	0.21
6400.00	1.24	291.59	6398.26	26.45 N	64.65 E	26.4	0.27
6500.00	1.12	288.30	6498.24	27.16 N	62.72 E	27.2	0.14
6600.00	1.09	294.69	6598.22	27.86 N	60.93 E	27.9	0.13
6700.00	1.21	283.22	6698.20	28.50 N	59.03 E	28.5	0.26
6800.00	1.17	267.80	6798.18	28.70 N	56.98 E	28.7	0.32

A Gyrodata Directional Survey

Mewbourne Oil Company
 Location: Patterson 47, Eddy, NM
 Lease: Parkway 26 State Com Well: 4H, 4.5" Drilpipe
 Job Number: MD0610GVCW262

MEASURED INCL AZIMUTH VERTICAL				HORIZONTAL		VERTICAL DOGLEG	
DEPTH			DEPTH	COORDINATES		SECTION SEVERITY	
feet	deg.	deg.	feet	feet		feet	deg./ 100 ft.
6900.00	0.62	257.49	6898.17	28.55 N	55.44 E	28.6	0.57
7000.00	0.36	266.65	6998.16	28.41 N	54.60 E	28.4	0.27
7100.00	0.58	268.02	7098.16	28.38 N	53.79 E	28.4	0.22
7200.00	0.76	249.86	7198.15	28.13 N	52.66 E	28.1	0.28
7300.00	0.81	261.63	7298.14	27.80 N	51.34 E	27.8	0.17
7350.00	0.92	241.73	7348.14	27.56 N	50.64 E	27.6	0.64

Final Station Closure: Distance: 57.65 ft Az: 61.44 deg.





Mewbourne Oil Company

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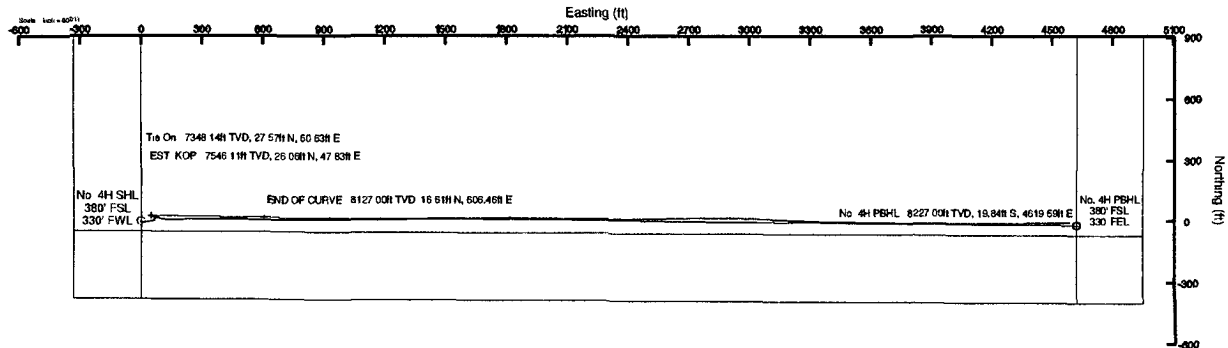
Location Eddy County, NM
Field (Parkway) Sec 26, T19S, R29E
Facility Parkway 26 State Com No. 4H

Slot: No 4H SHL
Well No 4H
Wellbore No 4H PWB



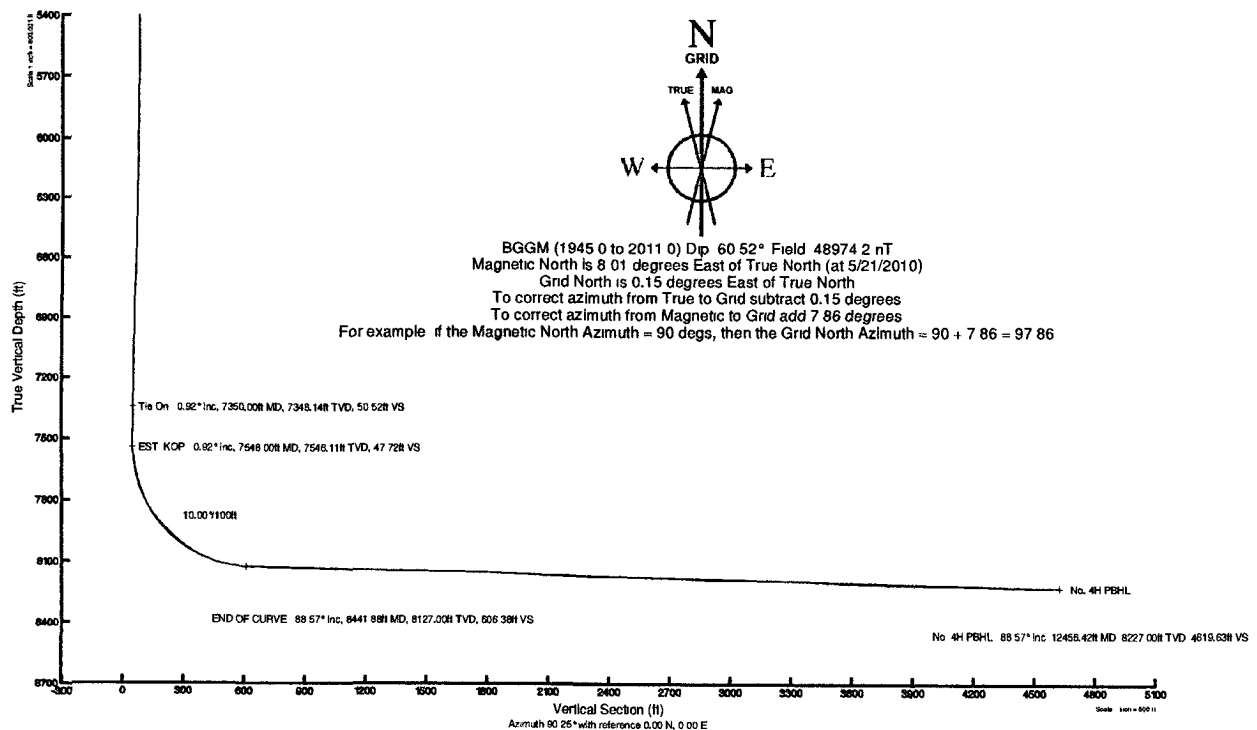
Well Profile Data

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	7350.00	0.920	241.730	7348.14	27.57	50.63	0.00	50.52
EST KOP	7548.00	0.920	241.730	7546.11	26.06	47.83	0.00	47.72
END OF CURVE	8441.88	88.573	90.520	8127.00	16.61	606.46	10.00	606.38
No 4H PWB	12456.42	88.573	90.520	8227.00	-19.84	4619.59	0.00	4619.63



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

True vertical depths are referenced to Rig 47 on No 4H SHL (KB)	Grid System NAD27 / TM New Mexico State Planes, Eastern Zone (3001), US feet
Measured depths are referenced to Rig 47 on No 4H SHL (KB)	North Reference Grid north
Rig 47 on No 4H SHL (KB) to Mean Sea Level 3337 feet	Scale True distance
Mean Sea Level to Mud line (Facility Parkway 26 State Com No 4H) -3319 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by Victor Hernandez on 7/12/2010



Actual Wellpath Report

No. 4H AWP
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NMOCD ARTESIA



REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 4H SHL
Area	Eddy County, NM	Well	No. 4H
Field	(Parkway) Sec 26, T19S, R29E	Wellbore	No. 4H AWB
Facility	Parkway 26 State Com No. 4H		

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	0.999918	Report Generated	7/12/2010 at 8:43:24 AM
Convergence at slot	0.15° East	Database/Source file	WA_Midland/No. 4H_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	586444.80	591321.14	32°37'31.193"N	104°03'09.189"W
Facility Reference Pt			586444.80	591321.14	32°37'31.193"N	104°03'09.189"W
Field Reference Pt			586432.04	595567.34	32°38'13.212"N	104°03'09.207"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig 47 on No. 4H SHL (KB) to GL	18.00ft
Horizontal Reference Pt	Slot	Rig 47 on No. 4H SHL (KB) to Mean Sea Level	3337.00ft
Vertical Reference Pt	Rig 47 on No. 4H SHL (KB)	GL to Mud Line (Facility)	0.00ft
MD Reference Pt	Rig 47 on No. 4H SHL (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	90.25°

Actual Wellpath Report

No. 4H AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 4H SHL
Area	Eddy County, NM	Well	No. 4H
Field	(Parkway) Sec 26, T19S, R29E	Wellbore	No. 4H AWB
Facility	Parkway 26 State Com No. 4H		

WELLPATH DATA (232 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]
0.00	0.000	160.950	0.00	0.00	0.00	0.00	586444.80	591321.14	32°37'31.193"N	104°03'09.189"W	0.00
100.00	0.980	160.950	100.00	0.28	-0.81	0.28	586445.08	591320.33	32°37'31.185"N	104°03'09.186"W	0.98
200.00	1.020	167.600	199.98	0.76	-2.49	0.75	586445.55	591318.66	32°37'31.168"N	104°03'09.181"W	0.12
300.00	1.100	156.990	299.96	1.33	-4.24	1.32	586446.12	591316.90	32°37'31.151"N	104°03'09.174"W	0.21
400.00	1.310	147.240	399.94	2.34	-6.08	2.31	586447.11	591315.06	32°37'31.133"N	104°03'09.162"W	0.29
500.00	1.550	114.890	499.91	4.19	-7.61	4.15	586448.95	591313.53	32°37'31.117"N	104°03'09.141"W	0.83
600.00	2.120	105.840	599.86	7.20	-8.69	7.16	586451.96	591312.45	32°37'31.107"N	104°03'09.106"W	0.64
700.00	2.390	87.830	699.78	11.06	-9.11	11.02	586455.82	591312.03	32°37'31.102"N	104°03'09.061"W	0.75
800.00	2.770	78.050	799.68	15.51	-8.53	15.47	586460.27	591312.61	32°37'31.108"N	104°03'09.009"W	0.58
900.00	3.170	77.780	899.55	20.57	-7.45	20.54	586465.34	591313.69	32°37'31.119"N	104°03'08.949"W	0.40
1000.00	3.580	75.620	999.37	26.29	-6.09	26.26	586471.06	591315.05	32°37'31.132"N	104°03'08.882"W	0.43
1100.00	3.700	81.570	1099.17	32.50	-4.84	32.48	586477.28	591316.30	32°37'31.144"N	104°03'08.810"W	0.40
1200.00	3.520	82.360	1198.97	38.73	-3.96	38.72	586483.51	591317.18	32°37'31.153"N	104°03'08.737"W	0.19
1300.00	2.840	83.480	1298.82	44.23	-3.27	44.22	586489.02	591317.87	32°37'31.159"N	104°03'08.672"W	0.68
1400.00	2.170	89.050	1398.72	48.59	-2.96	48.57	586493.37	591318.18	32°37'31.162"N	104°03'08.621"W	0.71
1500.00	1.470	94.610	1498.67	51.76	-3.03	51.74	586496.54	591318.11	32°37'31.162"N	104°03'08.584"W	0.72
1600.00	1.010	76.210	1598.65	53.89	-2.92	53.88	586498.67	591318.22	32°37'31.163"N	104°03'08.559"W	0.60
1700.00	0.760	77.390	1698.64	55.39	-2.57	55.38	586500.18	591318.57	32°37'31.166"N	104°03'08.542"W	0.25
1800.00	0.730	81.030	1798.63	56.67	-2.32	56.66	586501.45	591318.82	32°37'31.168"N	104°03'08.527"W	0.06
1900.00	0.690	75.030	1898.62	57.88	-2.07	57.87	586502.67	591319.07	32°37'31.171"N	104°03'08.513"W	0.08
2000.00	0.720	73.540	1998.61	59.06	-1.73	59.05	586503.85	591319.41	32°37'31.174"N	104°03'08.499"W	0.04
2100.00	0.850	62.700	2098.60	60.32	-1.22	60.32	586505.11	591319.93	32°37'31.179"N	104°03'08.484"W	0.20
2200.00	0.700	48.430	2198.60	61.43	-0.47	61.43	586506.23	591320.67	32°37'31.187"N	104°03'08.471"W	0.24
2300.00	0.610	50.020	2298.59	62.30	0.28	62.30	586507.09	591321.42	32°37'31.194"N	104°03'08.461"W	0.09
2400.00	0.780	47.530	2398.58	63.20	1.08	63.21	586508.00	591322.22	32°37'31.202"N	104°03'08.450"W	0.17
2500.00	0.710	42.590	2498.57	64.12	1.99	64.13	586508.92	591323.13	32°37'31.211"N	104°03'08.439"W	0.09
2600.00	0.780	43.350	2598.56	65.00	2.95	65.01	586509.81	591324.09	32°37'31.220"N	104°03'08.429"W	0.07
2700.00	0.820	18.870	2698.56	65.70	4.12	65.71	586510.51	591325.26	32°37'31.232"N	104°03'08.421"W	0.34
2800.00	1.190	11.750	2798.54	66.13	5.81	66.16	586510.95	591326.95	32°37'31.249"N	104°03'08.416"W	0.39
2900.00	1.080	17.000	2898.52	66.61	7.73	66.64	586511.44	591328.87	32°37'31.268"N	104°03'08.410"W	0.15

Actual Wellpath Report

No. 4H AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	Mewbourne Oil Company	Slot	No. 4H SHL
Area	Eddy County, NM	Well	No. 4H
Field	(Parkway) Sec 26, T19S, R29E	Wellbore	No. 4H AWB
Facility	Parkway 26 State Com No. 4H		

WELLPATH DATA (232 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]
3000.00	0.870	12.310	2998.51	67.04	9.37	67.08	586511.88	591330.51	32°37'31.284"N	104°03'08.405"W	0.22
3100.00	0.940	14.030	3098.49	67.39	10.91	67.44	586512.24	591332.05	32°37'31.299"N	104°03'08.400"W	0.08
3200.00	0.860	25.030	3198.48	67.90	12.39	67.96	586512.75	591333.53	32°37'31.314"N	104°03'08.394"W	0.19
3300.00	0.860	26.990	3298.47	68.56	13.73	68.62	586513.41	591334.87	32°37'31.327"N	104°03'08.387"W	0.03
3400.00	0.970	47.040	3398.46	69.51	14.98	69.58	586514.37	591336.12	32°37'31.339"N	104°03'08.375"W	0.34
3500.00	1.020	54.240	3498.44	70.85	16.08	70.92	586515.71	591337.22	32°37'31.350"N	104°03'08.360"W	0.13
3600.00	0.930	63.790	3598.43	72.29	16.96	72.37	586517.16	591338.09	32°37'31.359"N	104°03'08.343"W	0.19
3700.00	0.980	62.440	3698.41	73.78	17.71	73.85	586518.65	591338.85	32°37'31.366"N	104°03'08.325"W	0.05
3800.00	0.500	63.780	3798.40	74.92	18.30	75.00	586519.80	591339.44	32°37'31.372"N	104°03'08.312"W	0.48
3900.00	0.590	48.500	3898.40	75.70	18.83	75.78	586520.57	591339.97	32°37'31.377"N	104°03'08.303"W	0.17
4000.00	0.440	49.520	3998.40	76.37	19.42	76.46	586521.25	591340.56	32°37'31.383"N	104°03'08.295"W	0.15
4100.00	0.380	61.090	4098.39	76.96	19.83	77.04	586521.83	591340.97	32°37'31.387"N	104°03'08.288"W	0.10
4200.00	0.420	51.680	4198.39	77.53	20.22	77.62	586522.41	591341.36	32°37'31.391"N	104°03'08.281"W	0.08
4300.00	0.220	46.320	4298.39	77.96	20.58	78.05	586522.84	591341.72	32°37'31.395"N	104°03'08.276"W	0.20
4400.00	0.180	120.450	4398.39	78.23	20.63	78.32	586523.11	591341.77	32°37'31.395"N	104°03'08.273"W	0.24
4500.00	0.140	158.490	4498.39	78.41	20.44	78.50	586523.29	591341.58	32°37'31.393"N	104°03'08.271"W	0.11
4600.00	0.310	153.510	4598.39	78.58	20.08	78.67	586523.46	591341.22	32°37'31.390"N	104°03'08.269"W	0.17
4700.00	0.210	177.080	4698.39	78.71	19.66	78.80	586523.59	591340.80	32°37'31.385"N	104°03'08.267"W	0.14
4800.00	0.380	175.660	4798.39	78.75	19.14	78.83	586523.62	591340.28	32°37'31.380"N	104°03'08.267"W	0.17
4900.00	0.320	179.440	4898.38	78.78	18.53	78.86	586523.65	591339.67	32°37'31.374"N	104°03'08.267"W	0.06
5000.00	0.060	218.640	4998.38	78.75	18.21	78.83	586523.62	591339.35	32°37'31.371"N	104°03'08.267"W	0.28
5100.00	0.040	10.930	5098.38	78.72	18.21	78.80	586523.59	591339.35	32°37'31.371"N	104°03'08.267"W	0.10
5200.00	0.270	296.380	5198.38	78.52	18.35	78.60	586523.39	591339.49	32°37'31.372"N	104°03'08.270"W	0.26
5300.00	0.250	267.710	5298.38	78.09	18.44	78.17	586522.96	591339.58	32°37'31.373"N	104°03'08.275"W	0.13
5400.00	0.510	303.850	5398.38	77.50	18.68	77.58	586522.37	591339.82	32°37'31.376"N	104°03'08.282"W	0.34
5500.00	0.770	301.860	5498.37	76.56	19.28	76.64	586521.43	591340.42	32°37'31.382"N	104°03'08.293"W	0.26
5600.00	0.740	296.220	5598.36	75.40	19.92	75.49	586520.28	591341.06	32°37'31.388"N	104°03'08.306"W	0.08
5700.00	1.160	307.300	5698.35	74.02	20.82	74.11	586518.90	591341.96	32°37'31.397"N	104°03'08.322"W	0.46
5800.00	1.050	305.080	5798.33	72.46	21.96	72.55	586517.34	591343.10	32°37'31.408"N	104°03'08.340"W	0.12
5900.00	0.730	304.220	5898.32	71.17	22.85	71.27	586516.07	591343.99	32°37'31.417"N	104°03'08.355"W	0.32

Actual Wellpath Report

No. 4H AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 4H SHL
Area	Eddy County, NM	Well	No. 4H
Field	(Parkway) Sec 26, T19S, R29E	Wellbore	No. 4H AWB
Facility	Parkway 26 State Com No. 4H		

WELLPATH DATA (232 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]
6000.00	0.800	305.270	5998.31	70.08	23.61	70.18	586514.97	591344.75	32°37'31.425"N	104°03'08.368"W	0.07
6100.00	0.760	294.150	6098.30	68.90	24.28	69.00	586513.80	591345.42	32°37'31.431"N	104°03'08.382"W	0.16
6200.00	0.810	303.040	6198.29	67.70	24.94	67.80	586512.60	591346.08	32°37'31.438"N	104°03'08.396"W	0.13
6300.00	0.980	295.690	6298.28	66.33	25.70	66.44	586511.24	591346.84	32°37'31.445"N	104°03'08.412"W	0.20
6400.00	1.240	291.590	6398.26	64.55	26.47	64.66	586509.46	591347.60	32°37'31.453"N	104°03'08.432"W	0.27
6500.00	1.120	288.300	6498.24	62.61	27.17	62.73	586507.53	591348.31	32°37'31.460"N	104°03'08.455"W	0.14
6600.00	1.090	294.690	6598.22	60.82	27.87	60.94	586505.73	591349.01	32°37'31.467"N	104°03'08.476"W	0.13
6700.00	1.210	283.220	6698.20	58.92	28.51	59.05	586503.84	591349.65	32°37'31.474"N	104°03'08.498"W	0.26
6800.00	1.170	267.800	6798.18	56.87	28.72	57.00	586501.79	591349.85	32°37'31.476"N	104°03'08.522"W	0.32
6900.00	0.620	257.490	6898.17	55.33	28.56	55.45	586500.25	591349.70	32°37'31.474"N	104°03'08.540"W	0.57
7000.00	0.360	266.650	6998.16	54.49	28.42	54.61	586499.40	591349.56	32°37'31.473"N	104°03'08.550"W	0.27
7100.00	0.580	268.020	7098.16	53.67	28.39	53.79	586498.58	591349.53	32°37'31.472"N	104°03'08.559"W	0.22
7200.00	0.760	249.860	7198.15	52.54	28.14	52.66	586497.46	591349.28	32°37'31.470"N	104°03'08.573"W	0.28
7300.00	0.810	261.630	7298.14	51.22	27.81	51.34	586496.13	591348.95	32°37'31.467"N	104°03'08.588"W	0.17
7350.00	0.920	241.730	7348.14	50.52	27.57	50.63	586495.43	591348.71	32°37'31.464"N	104°03'08.596"W	0.64
7376.00	1.100	256.800	7374.14	50.09	27.41	50.21	586495.00	591348.55	32°37'31.463"N	104°03'08.601"W	1.23
7438.00	1.600	226.800	7436.12	48.88	26.68	49.00	586493.79	591347.82	32°37'31.456"N	104°03'08.616"W	1.37
7486.00	1.300	214.000	7484.10	48.09	25.77	48.20	586493.00	591346.91	32°37'31.447"N	104°03'08.625"W	0.92
7517.00	1.700	199.000	7515.09	47.75	25.05	47.86	586492.65	591346.19	32°37'31.440"N	104°03'08.629"W	1.80
7548.00	2.200	145.900	7546.08	47.94	24.12	48.04	586492.84	591345.26	32°37'31.430"N	104°03'08.627"W	5.80
7579.00	4.400	123.300	7577.02	49.27	22.97	49.37	586494.17	591344.11	32°37'31.419"N	104°03'08.611"W	8.11
7611.00	6.500	110.800	7608.88	52.00	21.66	52.09	586496.89	591342.80	32°37'31.406"N	104°03'08.580"W	7.50
7643.00	9.300	104.800	7640.57	56.20	20.35	56.28	586501.08	591341.49	32°37'31.393"N	104°03'08.531"W	9.11
7675.00	12.900	103.600	7671.97	62.18	18.85	62.26	586507.05	591339.99	32°37'31.378"N	104°03'08.461"W	11.27
7707.00	16.500	103.400	7702.92	70.08	16.96	70.15	586514.95	591338.10	32°37'31.359"N	104°03'08.369"W	11.25
7738.00	19.100	104.100	7732.43	79.29	14.70	79.36	586524.15	591335.84	32°37'31.336"N	104°03'08.261"W	8.42
7770.00	21.900	104.000	7762.40	90.17	11.98	90.23	586535.02	591333.12	32°37'31.309"N	104°03'08.134"W	8.75
7801.00	24.500	101.400	7790.89	102.10	9.31	102.14	586546.93	591330.45	32°37'31.282"N	104°03'07.995"W	9.01
7833.00	27.600	98.200	7819.64	115.95	6.94	115.98	586560.77	591328.08	32°37'31.259"N	104°03'07.833"W	10.63
7864.00	31.600	94.300	7846.59	131.17	5.31	131.20	586575.99	591326.45	32°37'31.242"N	104°03'07.655"W	14.32

Actual Wellpath Report

No. 4H AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 4H SHL
Area	Eddy County, NM	Well	No. 4H
Field	(Parkway) Sec 26, T19S, R29E	Wellbore	No. 4H AWB
Facility	Parkway 26 State Com No. 4H		

WELLPATH DATA (232 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]
7895.00	35.200	90.000	7872.47	148.22	4.70	148.24	586593.03	591325.84	32°37'31.236"N	104°03'07.456"W	13.89
7927.00	39.200	87.400	7897.96	167.55	5.16	167.57	586612.36	591326.30	32°37'31.240"N	104°03'07.230"W	13.43
7959.00	42.100	87.300	7922.23	188.37	6.12	188.39	586633.18	591327.26	32°37'31.249"N	104°03'06.986"W	9.06
7991.00	44.500	88.100	7945.52	210.29	7.00	210.32	586655.10	591328.14	32°37'31.257"N	104°03'06.730"W	7.69
8022.00	46.700	88.100	7967.21	232.42	7.74	232.46	586677.24	591328.88	32°37'31.263"N	104°03'06.471"W	7.10
8053.00	49.000	88.800	7988.01	255.39	8.35	255.43	586700.21	591329.49	32°37'31.269"N	104°03'06.203"W	7.61
8084.00	51.500	91.700	8007.83	279.22	8.24	279.26	586724.03	591329.38	32°37'31.267"N	104°03'05.924"W	10.80
8115.00	56.200	90.100	8026.12	304.24	7.86	304.28	586749.05	591329.00	32°37'31.263"N	104°03'05.631"W	15.72
8146.00	58.600	90.700	8042.82	330.35	7.67	330.39	586775.16	591328.81	32°37'31.260"N	104°03'05.326"W	7.91
8177.00	60.900	89.600	8058.43	357.13	7.61	357.17	586801.94	591328.75	32°37'31.259"N	104°03'05.013"W	8.03
8210.00	63.000	90.100	8073.95	386.25	7.68	386.29	586831.06	591328.82	32°37'31.259"N	104°03'04.673"W	6.50
8242.00	66.400	90.500	8087.62	415.18	7.53	415.21	586859.98	591328.67	32°37'31.257"N	104°03'04.334"W	10.68
8273.00	70.100	90.200	8099.11	443.97	7.35	444.00	586888.76	591328.49	32°37'31.254"N	104°03'03.998"W	11.97
8304.00	75.200	90.300	8108.35	473.55	7.22	473.58	586918.34	591328.36	32°37'31.252"N	104°03'03.652"W	16.45
8335.00	77.900	90.300	8115.56	503.69	7.07	503.73	586948.49	591328.21	32°37'31.250"N	104°03'03.299"W	8.71
8366.00	80.300	91.000	8121.42	534.13	6.72	534.16	586978.92	591327.86	32°37'31.245"N	104°03'02.944"W	8.05
8393.00	83.400	91.200	8125.25	560.85	6.21	560.88	587005.64	591327.35	32°37'31.240"N	104°03'02.631"W	11.50
8462.00	88.100	91.100	8130.36	629.63	4.83	629.66	587074.41	591325.97	32°37'31.224"N	104°03'01.827"W	6.81
8494.00	88.200	90.400	8131.39	661.62	4.41	661.64	587106.39	591325.55	32°37'31.219"N	104°03'01.453"W	2.21
8525.00	88.800	90.300	8132.21	692.61	4.22	692.63	587137.37	591325.36	32°37'31.216"N	104°03'01.091"W	1.96
8557.00	88.900	90.200	8132.85	724.60	4.08	724.62	587169.36	591325.22	32°37'31.214"N	104°03'00.717"W	0.44
8590.00	88.600	90.300	8133.57	757.59	3.93	757.62	587202.35	591325.08	32°37'31.212"N	104°03'00.331"W	0.96
8622.00	88.200	89.900	8134.46	789.58	3.88	789.60	587234.34	591325.02	32°37'31.211"N	104°02'59.957"W	1.77
8653.00	88.000	89.800	8135.49	820.56	3.96	820.59	587265.32	591325.10	32°37'31.211"N	104°02'59.595"W	0.72
8685.00	89.100	90.400	8136.30	852.55	3.90	852.57	587297.30	591325.04	32°37'31.209"N	104°02'59.221"W	3.92
8717.00	89.100	90.400	8136.80	884.55	3.68	884.57	587329.29	591324.82	32°37'31.206"N	104°02'58.847"W	0.00
8749.00	89.000	90.400	8137.33	916.54	3.46	916.56	587361.29	591324.60	32°37'31.203"N	104°02'58.473"W	0.31
8780.00	88.500	90.100	8138.01	947.53	3.32	947.56	587392.28	591324.46	32°37'31.201"N	104°02'58.110"W	1.88
8812.00	87.900	90.100	8139.01	979.52	3.27	979.54	587424.26	591324.41	32°37'31.200"N	104°02'57.736"W	1.87
8844.00	88.800	90.100	8139.93	1011.50	3.21	1011.53	587456.24	591324.35	32°37'31.198"N	104°02'57.362"W	2.81

Actual Wellpath Report

No. 4H AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 4H SHL
Area	Eddy County, NM	Well	No. 4H
Field	(Parkway) Sec 26, T19S, R29E	Wellbore	No. 4H A WB
Facility	Parkway 26 State Com No. 4H		

WELLPATH DATA (232 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]
8876.00	88.600	90.000	8140.66	1043.50	3.18	1043.52	587488.23	591324.32	32°37'31.197"N	104°02'56.988"W	0.70
8908.00	89.100	89.800	8141.30	1075.49	3.24	1075.51	587520.22	591324.38	32°37'31.197"N	104°02'56.614"W	1.68
8940.00	89.300	89.700	8141.75	1107.48	3.38	1107.51	587552.22	591324.52	32°37'31.197"N	104°02'56.240"W	0.70
8972.00	89.000	89.400	8142.22	1139.48	3.63	1139.50	587584.21	591324.77	32°37'31.199"N	104°02'55.866"W	1.33
9003.00	88.800	89.300	8142.82	1170.47	3.98	1170.50	587615.20	591325.12	32°37'31.202"N	104°02'55.504"W	0.72
9035.00	88.600	89.000	8143.55	1202.45	4.46	1202.48	587647.18	591325.60	32°37'31.205"N	104°02'55.130"W	1.13
9067.00	89.300	88.800	8144.13	1234.44	5.07	1234.47	587679.17	591326.21	32°37'31.211"N	104°02'54.756"W	2.28
9098.00	89.400	88.700	8144.48	1265.43	5.75	1265.46	587710.16	591326.89	32°37'31.216"N	104°02'54.393"W	0.46
9130.00	89.200	88.400	8144.87	1297.41	6.56	1297.45	587742.14	591327.70	32°37'31.224"N	104°02'54.019"W	1.13
9162.00	89.100	88.100	8145.35	1329.39	7.53	1329.43	587774.12	591328.67	32°37'31.232"N	104°02'53.645"W	0.99
9194.00	88.900	88.000	8145.91	1361.36	8.62	1361.41	587806.09	591329.76	32°37'31.242"N	104°02'53.271"W	0.70
9225.00	88.800	87.900	8146.53	1392.33	9.73	1392.38	587837.07	591330.87	32°37'31.253"N	104°02'52.909"W	0.46
9257.00	89.500	88.600	8147.00	1424.30	10.71	1424.36	587869.04	591331.85	32°37'31.261"N	104°02'52.535"W	3.09
9289.00	89.600	89.100	8147.26	1456.29	11.35	1456.36	587901.03	591332.49	32°37'31.267"N	104°02'52.161"W	1.59
9321.00	89.500	89.900	8147.51	1488.29	11.63	1488.35	587933.03	591332.77	32°37'31.269"N	104°02'51.787"W	2.52
9352.00	89.400	89.700	8147.80	1519.29	11.74	1519.35	587964.02	591332.88	32°37'31.269"N	104°02'51.425"W	0.72
9384.00	89.500	90.200	8148.11	1551.29	11.76	1551.35	587996.02	591332.90	32°37'31.268"N	104°02'51.050"W	1.59
9418.00	89.300	90.500	8148.47	1585.28	11.56	1585.35	588030.01	591332.70	32°37'31.265"N	104°02'50.653"W	1.06
9450.00	89.400	90.100	8148.83	1617.28	11.39	1617.35	588062.01	591332.53	32°37'31.263"N	104°02'50.279"W	1.29
9481.00	88.400	89.500	8149.43	1648.27	11.50	1648.34	588093.00	591332.64	32°37'31.263"N	104°02'49.916"W	3.76
9513.00	88.100	89.400	8150.40	1680.26	11.80	1680.32	588124.98	591332.94	32°37'31.265"N	104°02'49.543"W	0.99
9545.00	88.100	89.400	8151.46	1712.24	12.14	1712.30	588156.96	591333.28	32°37'31.268"N	104°02'49.169"W	0.00
9576.00	87.900	89.900	8152.55	1743.21	12.33	1743.28	588187.94	591333.47	32°37'31.269"N	104°02'48.806"W	1.74
9608.00	88.100	89.300	8153.66	1775.19	12.55	1775.26	588219.91	591333.69	32°37'31.270"N	104°02'48.432"W	1.98
9640.00	87.900	89.500	8154.78	1807.17	12.89	1807.24	588251.89	591334.03	32°37'31.273"N	104°02'48.059"W	0.88
9671.00	87.600	91.100	8156.00	1838.15	12.72	1838.22	588282.86	591333.86	32°37'31.270"N	104°02'47.696"W	5.25
9703.00	87.700	90.700	8157.31	1870.12	12.22	1870.19	588314.83	591333.36	32°37'31.264"N	104°02'47.323"W	1.29
9734.00	87.300	90.600	8158.66	1901.09	11.87	1901.15	588345.79	591333.01	32°37'31.260"N	104°02'46.961"W	1.33
9766.00	87.000	90.500	8160.25	1933.05	11.56	1933.11	588377.75	591332.70	32°37'31.256"N	104°02'46.587"W	0.99
9798.00	86.500	91.000	8162.07	1964.99	11.15	1965.06	588409.69	591332.29	32°37'31.251"N	104°02'46.213"W	2.21

Actual Wellpath Report

No. 4H AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 4H SHL
Area	Eddy County, NM	Well	No. 4H
Field	(Parkway) Sec 26, T19S, R29E	Wellbore	No. 4H AWB
Facility	Parkway 26 State Com No. 4H		

WELLPATH DATA (232 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]
9830.00	87.600	90.900	8163.71	1996.95	10.62	1997.01	588441.64	591331.76	32°37'31.245"N	104°02'45.840"W	3.45
9862.00	87.400	90.700	8165.11	2028.92	10.17	2028.98	588473.61	591331.31	32°37'31.240"N	104°02'45.466"W	0.88
9894.00	87.300	90.500	8166.59	2060.88	9.84	2060.94	588505.57	591330.98	32°37'31.236"N	104°02'45.092"W	0.70
9926.00	88.500	90.400	8167.76	2092.86	9.58	2092.92	588537.54	591330.72	32°37'31.232"N	104°02'44.718"W	3.76
9958.00	88.500	90.300	8168.60	2124.85	9.39	2124.91	588569.53	591330.53	32°37'31.230"N	104°02'44.344"W	-0.31
9990.00	88.300	90.300	8169.49	2156.83	9.22	2156.89	588601.51	591330.36	32°37'31.227"N	104°02'43.971"W	0.62
10021.00	88.000	90.300	8170.49	2187.82	9.06	2187.88	588632.49	591330.20	32°37'31.225"N	104°02'43.608"W	0.97
10053.00	87.700	90.400	8171.69	2219.80	8.86	2219.85	588664.47	591330.00	32°37'31.222"N	104°02'43.234"W	0.99
10084.00	88.200	90.200	8172.80	2250.78	8.70	2250.83	588695.44	591329.84	32°37'31.219"N	104°02'42.872"W	1.74
10116.00	88.300	90.200	8173.78	2282.76	8.59	2282.82	588727.43	591329.73	32°37'31.217"N	104°02'42.498"W	0.31
10148.00	89.500	90.100	8174.39	2314.75	8.51	2314.81	588759.42	591329.65	32°37'31.216"N	104°02'42.124"W	3.76
10180.00	89.500	90.100	8174.67	2346.75	8.45	2346.81	588791.41	591329.59	32°37'31.214"N	104°02'41.750"W	0.00
10211.00	89.400	89.700	8174.97	2377.75	8.50	2377.81	588822.41	591329.64	32°37'31.214"N	104°02'41.388"W	1.33
10243.00	89.400	89.600	8175.31	2409.75	8.70	2409.81	588854.40	591329.84	32°37'31.215"N	104°02'41.013"W	0.31
10275.00	88.900	90.100	8175.78	2441.74	8.78	2441.80	588886.40	591329.92	32°37'31.215"N	104°02'40.639"W	2.21
10307.00	88.600	90.200	8176.48	2473.74	8.70	2473.80	588918.39	591329.84	32°37'31.213"N	104°02'40.265"W	0.99
10339.00	88.600	89.500	8177.26	2505.73	8.78	2505.79	588950.37	591329.92	32°37'31.213"N	104°02'39.891"W	2.19
10370.00	88.500	89.200	8178.04	2536.71	9.14	2536.77	588981.36	591330.28	32°37'31.216"N	104°02'39.529"W	1.02
10402.00	88.500	88.800	8178.88	2568.69	9.69	2568.76	589013.34	591330.83	32°37'31.221"N	104°02'39.155"W	1.25
10433.00	88.400	89.200	8179.72	2599.67	10.23	2599.74	589044.32	591331.37	32°37'31.225"N	104°02'38.793"W	1.33
10465.00	88.100	88.500	8180.70	2631.65	10.88	2631.72	589076.30	591332.02	32°37'31.231"N	104°02'38.419"W	2.38
10497.00	87.900	88.000	8181.82	2663.61	11.85	2663.69	589108.26	591332.99	32°37'31.240"N	104°02'38.045"W	1.68
10528.00	88.900	88.600	8182.68	2694.58	12.77	2694.66	589139.23	591333.91	32°37'31.248"N	104°02'37.683"W	3.76
10560.00	88.900	88.400	8183.29	2726.56	13.61	2726.64	589171.21	591334.75	32°37'31.255"N	104°02'37.309"W	0.62
10592.00	87.800	89.300	8184.22	2758.54	14.25	2758.62	589203.19	591335.39	32°37'31.261"N	104°02'36.935"W	4.44
10624.00	87.700	89.200	8185.47	2790.51	14.67	2790.59	589235.16	591335.81	32°37'31.264"N	104°02'36.561"W	0.44
10656.00	87.800	89.900	8186.73	2822.48	14.92	2822.57	589267.13	591336.06	32°37'31.266"N	104°02'36.187"W	2.21
10688.00	87.500	90.000	8188.04	2854.45	14.95	2854.54	589299.10	591336.09	32°37'31.265"N	104°02'35.813"W	0.99
10720.00	87.600	91.000	8189.41	2886.42	14.67	2886.51	589331.07	591335.81	32°37'31.261"N	104°02'35.440"W	3.14
10751.00	87.400	90.600	8190.76	2917.39	14.24	2917.48	589362.03	591335.38	32°37'31.256"N	104°02'35.078"W	1.44

Actual Wellpath Report

No. 4H AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 4H SHL
Area	Eddy County, NM	Well	No. 4H
Field	(Parkway) Sec 26, T19S, R29E	Wellbore	No. 4H A WB
Facility	Parkway 26 State Com No. 4H		

WELLPATH DATA (232 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]
10783.00	88.700	91.700	8191.85	2949.37	13.60	2949.45	589394.00	591334.74	32°37'31.249"N	104°02'34.704"W	5.32
10815.00	89.500	91.900	8192.35	2981.35	12.59	2981.43	589425.98	591333.73	32°37'31.238"N	104°02'34.330"W	2.58
10847.00	90.600	92.500	8192.32	3013.33	11.36	3013.41	589457.95	591332.50	32°37'31.225"N	104°02'33.956"W	3.92
10879.00	90.000	93.000	8192.16	3045.30	9.83	3045.37	589489.91	591330.97	32°37'31.209"N	104°02'33.582"W	2.44
10911.00	90.000	92.300	8192.16	3077.27	8.35	3077.34	589521.88	591329.49	32°37'31.194"N	104°02'33.209"W	2.19
10942.00	88.900	92.800	8192.45	3108.24	6.97	3108.30	589552.84	591328.11	32°37'31.179"N	104°02'32.847"W	3.90
10974.00	89.100	92.700	8193.01	3140.21	5.43	3140.26	589584.80	591326.57	32°37'31.163"N	104°02'32.473"W	0.70
11006.00	89.200	92.600	8193.49	3172.18	3.95	3172.22	589616.76	591325.09	32°37'31.148"N	104°02'32.099"W	0.44
11037.00	89.000	92.200	8193.98	3203.15	2.66	3203.19	589647.72	591323.80	32°37'31.134"N	104°02'31.737"W	1.44
11069.00	89.000	92.400	8194.53	3235.13	1.37	3235.16	589679.69	591322.51	32°37'31.120"N	104°02'31.364"W	0.62
11101.00	89.200	92.200	8195.04	3267.10	0.09	3267.13	589711.66	591321.23	32°37'31.107"N	104°02'30.990"W	0.88
11133.00	89.100	92.400	8195.51	3299.08	-1.20	3299.10	589743.62	591319.95	32°37'31.093"N	104°02'30.616"W	0.70
11165.00	88.500	91.900	8196.18	3331.05	-2.40	3331.07	589775.59	591318.75	32°37'31.080"N	104°02'30.242"W	2.44
11197.00	87.700	91.400	8197.24	3363.03	-3.32	3363.04	589807.56	591317.82	32°37'31.070"N	104°02'29.869"W	2.95
11229.00	87.400	91.400	8198.61	3394.99	-4.10	3395.00	589839.52	591317.04	32°37'31.062"N	104°02'29.495"W	0.94
11261.00	87.000	91.100	8200.17	3426.95	-4.80	3426.96	589871.47	591316.35	32°37'31.054"N	104°02'29.121"W	1.56
11293.00	87.300	90.500	8201.76	3458.91	-5.24	3458.91	589903.42	591315.90	32°37'31.049"N	104°02'28.748"W	2.09
11324.00	87.300	90.600	8203.22	3489.87	-5.54	3489.88	589934.38	591315.60	32°37'31.045"N	104°02'28.386"W	0.32
11356.00	88.300	90.900	8204.45	3521.84	-5.96	3521.85	589966.35	591315.18	32°37'31.040"N	104°02'28.012"W	3.26
11387.00	87.900	91.300	8205.48	3552.82	-6.55	3552.83	589997.33	591314.59	32°37'31.033"N	104°02'27.650"W	1.82
11419.00	88.600	91.200	8206.46	3584.80	-7.25	3584.81	590029.30	591313.89	32°37'31.026"N	104°02'27.276"W	2.21
11451.00	88.200	91.100	8207.35	3616.79	-7.89	3616.79	590061.28	591313.25	32°37'31.018"N	104°02'26.902"W	1.29
11483.00	88.900	90.600	8208.16	3648.78	-8.37	3648.77	590093.27	591312.78	32°37'31.013"N	104°02'26.528"W	2.69
11515.00	88.900	90.800	8208.78	3680.77	-8.76	3680.76	590125.25	591312.38	32°37'31.008"N	104°02'26.154"W	0.62
11547.00	89.200	90.400	8209.31	3712.76	-9.09	3712.76	590157.25	591312.05	32°37'31.004"N	104°02'25.780"W	1.56
11578.00	88.600	90.700	8209.90	3743.76	-9.39	3743.75	590188.24	591311.75	32°37'31.000"N	104°02'25.418"W	2.16
11610.00	87.600	90.500	8210.96	3775.74	-9.72	3775.73	590220.21	591311.42	32°37'30.996"N	104°02'25.044"W	3.19
11642.00	88.100	90.300	8212.16	3807.72	-9.95	3807.71	590252.19	591311.19	32°37'30.993"N	104°02'24.670"W	1.68
11674.00	88.800	90.500	8213.03	3839.70	-10.17	3839.70	590284.17	591310.97	32°37'30.990"N	104°02'24.296"W	2.27
11706.00	88.600	90.500	8213.75	3871.70	-10.45	3871.69	590316.16	591310.69	32°37'30.986"N	104°02'23.922"W	0.62

Actual Wellpath Report

No. 4H AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 4H SHL
Area	Eddy County, NM	Well	No. 4H
Field	(Parkway) Sec 26, T19S, R29E	Wellbore	No. 4H AWB
Facility	Parkway 26 State Com No. 4H		

WELLPATH DATA (232 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]
11738.00	89.400	90.400	8214.31	3903.69	-10.70	3903.68	590348.15	591310.44	32°37'30.983"N	104°02'23.548"W	2.52
11770.00	89.200	90.100	8214.70	3935.69	-10.84	3935.68	590380.15	591310.30	32°37'30.980"N	104°02'23.174"W	1.13
11802.00	89.000	90.200	8215.21	3967.68	-10.93	3967.67	590412.14	591310.22	32°37'30.979"N	104°02'22.800"W	0.70
11833.00	89.100	90.200	8215.72	3998.68	-11.03	3998.67	590443.13	591310.11	32°37'30.977"N	104°02'22.437"W	0.32
11863.00	89.100	90.400	8216.19	4028.68	-11.19	4028.66	590473.12	591309.95	32°37'30.974"N	104°02'22.086"W	0.67
11895.00	89.100	90.200	8216.69	4060.67	-11.36	4060.66	590505.12	591309.78	32°37'30.972"N	104°02'21.712"W	0.62
11927.00	89.200	90.100	8217.17	4092.67	-11.44	4092.66	590537.11	591309.70	32°37'30.970"N	104°02'21.338"W	0.44
11959.00	89.300	90.000	8217.59	4124.66	-11.47	4124.65	590569.11	591309.67	32°37'30.969"N	104°02'20.964"W	0.44
11990.00	89.200	90.000	8217.99	4155.66	-11.47	4155.65	590600.10	591309.67	32°37'30.968"N	104°02'20.602"W	0.32
12022.00	88.800	89.700	8218.55	4187.66	-11.39	4187.65	590632.09	591309.76	32°37'30.968"N	104°02'20.228"W	1.56
12054.00	88.600	89.500	8219.28	4219.65	-11.16	4219.64	590664.08	591309.98	32°37'30.969"N	104°02'19.854"W	0.88
12086.00	88.500	89.200	8220.09	4251.63	-10.80	4251.62	590696.07	591310.34	32°37'30.972"N	104°02'19.480"W	0.99
12118.00	88.100	89.000	8221.04	4283.61	-10.30	4283.61	590728.05	591310.84	32°37'30.976"N	104°02'19.106"W	1.40
12150.00	87.600	89.100	8222.24	4315.58	-9.77	4315.58	590760.02	591311.37	32°37'30.981"N	104°02'18.732"W	1.59
12181.00	88.000	89.200	8223.43	4346.55	-9.31	4346.55	590790.99	591311.83	32°37'30.984"N	104°02'18.370"W	1.33
12213.00	87.800	89.000	8224.60	4378.52	-8.81	4378.53	590822.96	591312.34	32°37'30.988"N	104°02'17.996"W	0.88
12245.00	88.500	89.800	8225.63	4410.50	-8.47	4410.51	590854.94	591312.67	32°37'30.991"N	104°02'17.622"W	3.32
12277.00	88.400	89.700	8226.50	4442.49	-8.33	4442.50	590886.92	591312.81	32°37'30.991"N	104°02'17.248"W	0.44
12309.00	89.100	89.500	8227.20	4474.48	-8.11	4474.49	590918.91	591313.03	32°37'30.993"N	104°02'16.874"W	2.27
12341.00	89.100	89.300	8227.70	4506.47	-7.77	4506.48	590950.90	591313.37	32°37'30.995"N	104°02'16.500"W	0.62
12373.00	90.100	89.300	8227.92	4538.47	-7.38	4538.48	590982.90	591313.76	32°37'30.998"N	104°02'16.126"W	3.12
12423.00	90.100	89.300	8227.84	4588.46	-6.77	4588.47	591032.89	591314.37	32°37'31.003"N	104°02'15.541"W	0.00

Actual Wellpath Report

No. 4H AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 4H SHL
Area	Eddy County, NM	Well	No. 4H
Field	(Parkway) Sec 26, T19S, R29E	Wellbore	No. 4H AWB
Facility	Parkway 26 State Com No. 4H		

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
No. 4H PBHL		8227.00	-19.84	4619.59	591064.00	591301.30	32°37'30.873"N	104°02'15.178"W	point

WELLPATH COMPOSITION Ref Wellbore: No. 4H AWB Ref Wellpath: No. 4H AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7350.00	Gyrodatta standard - Continuous gyro	GYRO <100 - 7350>	No. 4H AWB
7350.00	12373.00	NaviTrak (Standard)	MWD <7376 - 12373>	No. 4H AWB
12373.00	12423.00	Blind Drilling (std)	Projection to bit	No. 4H AWB