

NM OIL CONSERVATION
ARTESIA DISTRICT

DEC 11 2019

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

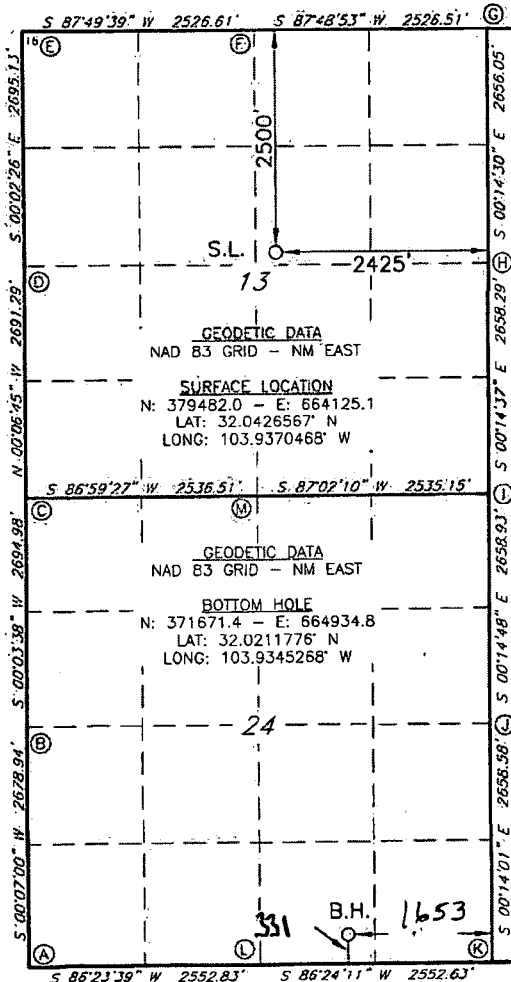
☒ AMENDED REPORT

As drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-45328		2 Pool Code 98220		3 Pool Name Purple Sage; Wolfcamp (Gas)	
4 Property Code 322725		5 Property Name FULLER 13/24 W1JO FED COM			
7 GRID NO. 14744		8 Operator Name MEWBOURNE OIL COMPANY			
		6 Well Number 1H		9 Elevation 3003'	
10 Surface Location					
UL or lot no. G	Section 13	Township 26S	Range 29E	Lot Idn 2500	Feet from the 2425
		North/South line NORTH		East/West line EAST	
		County EDDY			
11 Bottom Hole Location If Different From Surface					
UL or lot no. 0	Section 24	Township 26S	Range 29E	Lot Idn 331	Feet from the 1653
		North/South line SOUTH		East/West line EAST	
		County EDDY			
12 Dedicated Acres 480		13 Joint or Infill		14 Consolidation Code	
				15 Order No.	

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *Jackie Lathan* Date: *10/24/19*
Printed Name: *Jackie Lathan*

E-mail Address

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

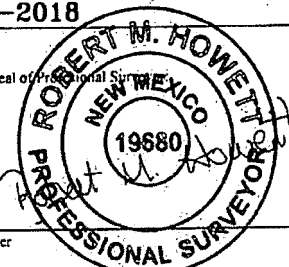
10-11-2018

Date of Survey

Signature and Seal of Professional Surveyor

19680

Certificate Number



RRC-Job No: LS18101172

DEC 09 2019

RECEIVED



June 26, 2019

New Mexico Energy, Minerals and Natural Resources Department
Attn: Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Attn: Jackie Lathan

Re: Mewbourne Oil Company
Fuller 13 24 W1JO Federal Com #1H
Purple Sage; Wolfcamp
Eddy County, New Mexico
API# 30-015-45328

Enclosed please find the original and one (1) copy of the survey performed on the reference well by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C. Other information required by your office is as follows:

<u>Name & Title</u>	<u>Drainhole No.</u>	<u>Survey Depths</u>	<u>Dates Performed</u>	<u>Type Survey</u>
Jeremy Flores	Original Hole	658ft. to 18,088ft.	03-23-19 to 04-14-19	MWD Survey

A certified plat on which the bottom-hole location is oriented to both surface location and to the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.



Eric Estes

Enclosures

CC:

Mewbourne Oil Company
Attn: Frosty Lathan
P.O. Box 5720
Hobbs, NM 88241

Mewbourne Oil Company
Attn: Robin Terrell
P.O. Box 5720
Hobbs, NM 88241

NMEMaNRD\Mewbourne Oil Company\Fuller 13 24 W1JO Fed Com #1HM191057

STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.
P.O. Box 1250
Montgomery, TX 77356
Office (936) 582-7296 * Fax (936)-588-4163



June 26, 2019

Survey Certification Report

STATE OF TEXAS

COUNTY OF Montgomery

I, Eric Estes, certify that I am employed by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C., and that I did on the day(s) of March 23, 2019, through April 14, 2019 conduct or supervise the taking of a SEDS Original Hole MWD Survey from a depth of 658feet to a depth of 18,088feet; that I am authorized and qualified to make this report; that this survey was conducted at the request of Mewbourne Oil Company, for the Fuller 13 24 W1JO Federal Com #1H, well API # 30-015-45328 in Eddy County, New Mexico; and that I have reviewed this report and find that it conforms to the principles as set forth by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.

A handwritten signature in black ink, appearing to read "Eric Estes", is written over a horizontal line.

Eric Estes

STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.

STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.
P.O. Box 1250
Montgomery, TX 77356
Office (936) 582-7296 * Fax (936)-588-4163



Microsoft
MWD Report



Company: Mewbourne Oil Company
Project: Eddy County, N.M. Nad (83)
Site: Section 13 24-26S-29E Fuller
Well: Fuller 13 24 W1JO Fed Com 1H
Wellbore: Original Hole
Design: Original Hole

Local Co-ordinate Reference: Well Fuller 13 24 W1JO Fed Com 1H
TVD Reference: 3003 + 28 @ 3031.0usft (Patterson 562)
MD Reference: 3003 + 28 @ 3031.0usft (Patterson 562)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)
515.0	0.30	105.30	515.0	0.3	1.6	1.6	79.38
Brushy Draw Deep Fed #1(150' Rad)							
658.0	0.10	82.80	658.0	0.2	2.1	2.1	84.06
847.0	0.70	2.40	847.0	1.4	2.3	2.7	58.80
1,035.0	1.10	358.00	1,035.0	4.3	2.3	4.9	27.73
1,223.0	1.70	60.70	1,222.9	7.5	4.7	8.8	31.77
1,412.0	4.50	78.50	1,411.6	10.4	14.4	17.7	54.20
1,600.0	6.30	80.50	1,598.8	13.5	31.8	34.5	66.92
1,789.0	8.00	99.60	1,786.3	13.1	55.0	56.5	76.64
1,978.0	6.30	114.60	1,973.9	6.6	77.4	77.6	85.17
2,167.0	4.00	75.70	2,162.2	3.9	93.2	93.3	87.63
2,356.0	4.10	67.60	2,350.7	8.1	105.8	106.1	85.65
2,547.0	5.30	77.60	2,541.0	12.6	120.8	121.4	84.07
2,736.0	6.00	84.40	2,729.1	15.4	139.1	140.0	83.69
2,926.0	8.10	95.90	2,917.7	15.0	162.3	163.0	84.73
3,116.0	7.20	107.90	3,106.0	9.9	187.0	187.2	86.95
3,303.0	4.30	112.50	3,292.0	3.7	204.6	204.6	88.98
3,492.0	3.00	93.30	3,480.7	0.7	216.1	216.1	89.82
3,680.0	3.30	87.80	3,668.4	0.6	226.4	226.4	89.85
3,870.0	4.10	78.20	3,858.0	2.2	238.5	238.5	89.47
4,058.0	4.00	78.70	4,045.5	4.8	251.5	251.6	88.90
4,246.0	3.80	78.90	4,233.1	7.3	264.1	264.2	88.41
4,334.0	3.60	80.20	4,320.9	8.4	269.6	269.8	88.22
4,520.0	5.20	75.50	4,506.3	11.5	283.6	283.8	87.68
4,705.0	5.50	77.50	4,690.5	15.5	300.3	300.7	87.05
4,891.0	5.20	77.60	4,875.7	19.2	317.3	317.8	86.53
5,076.0	5.30	76.80	5,060.0	23.0	333.8	334.6	86.06



Microsoft
MWD Report



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Wellbore: Original Hole
Design: Original Hole

Local Co-ordinate Reference: Well Fuller 13 24 W1JO Fed Com 1H
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Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	EW (usft)	Closure Distance (usft)	Closure Azimuth (°)
5,260.0	7.10	65.10	5,242.9	29.7	352.4	353.6	85.18
5,634.0	7.60	87.10	5,613.9	40.7	398.0	400.1	84.16
5,820.0	7.20	88.50	5,798.3	41.6	422.0	424.0	84.37
6,005.0	5.90	93.10	5,982.1	41.4	443.1	445.0	84.66
6,191.0	5.40	97.10	6,167.2	39.8	461.3	463.0	85.07
6,377.0	5.60	92.50	6,352.4	38.3	479.0	480.6	85.43
6,563.0	5.80	88.80	6,537.4	38.1	497.5	499.0	85.62
6,749.0	4.80	90.50	6,722.6	38.3	514.7	516.1	85.75
6,936.0	4.90	72.80	6,909.0	40.6	530.1	531.7	85.63
7,121.0	5.40	70.80	7,093.2	45.8	545.9	547.8	85.21
7,308.0	7.30	84.20	7,279.1	49.8	566.0	568.2	84.97
7,494.0	6.30	69.30	7,463.8	54.6	587.3	589.9	84.68
7,680.0	6.30	77.90	7,648.7	60.4	606.9	609.9	84.32
7,867.0	5.40	87.90	7,834.7	62.9	625.7	628.8	84.26
8,052.0	4.50	92.80	8,019.0	62.8	641.6	644.7	84.41
8,238.0	3.40	85.20	8,204.6	62.9	654.4	657.4	84.51
8,423.0	3.30	104.10	8,389.3	62.1	665.1	667.9	84.67
8,609.0	2.20	104.50	8,575.0	59.9	673.7	676.4	84.92
8,795.0	5.80	103.10	8,760.6	56.9	686.3	688.7	85.26
8,980.0	5.40	110.30	8,944.7	51.7	703.6	705.5	85.79
9,167.0	3.90	118.10	9,131.1	45.7	717.5	718.9	86.36
9,372.0	2.50	148.20	9,335.7	38.6	726.0	727.0	86.96
9,557.0	2.30	175.10	9,520.6	31.5	728.4	729.1	87.53
9,743.0	2.10	207.70	9,706.5	24.7	727.1	727.6	88.05
9,929.0	2.00	212.50	9,892.3	19.0	723.8	724.1	88.50
9,936.4	2.10	210.61	9,898.8	18.8	723.7	723.9	88.51

B.B. Fuller 13 24 W1Jo Fed Com #1H



Microsoft
MWD Report



Company: Mewbourne Oil Company
Project: Eddy County, N.M. Nad (83)
Site: Section 13 24-26S-29E Fuller
Well: Fuller 13 24 W1JO Fed Com 1H
Wellbore: Original Hole
Design: Original Hole

Local Co-ordinate Reference: Well Fuller 13 24 W1JO Fed Com 1H
TVD Reference: 3003 + 28 @ 3031.0usft (Patterson 562)
MD Reference: 3003 + 28 @ 3031.0usft (Patterson 562)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)
9,960.0	2.50	204.80	9,923.3	17.9	723.2	723.5	88.58
9,991.0	4.80	178.50	9,954.3	16.0	723.0	723.2	88.73
10,023.0	7.50	168.50	9,986.1	12.6	723.4	723.5	89.00
10,054.0	10.40	165.00	10,016.7	7.9	724.6	724.6	89.37
10,085.0	13.10	164.00	10,047.0	1.9	726.3	726.3	89.85
10,116.0	17.10	158.90	10,077.0	-5.8	728.9	728.9	90.45
10,147.0	20.80	158.30	10,106.3	-15.1	732.5	732.7	91.18
10,178.0	24.20	161.80	10,134.9	-26.3	736.6	737.0	92.05
10,209.0	26.30	170.00	10,163.0	-39.1	739.7	740.8	93.03
10,240.0	30.10	172.50	10,190.3	-53.6	742.0	743.9	94.13
10,272.0	33.80	174.60	10,217.4	-70.4	743.8	747.2	95.41
10,303.0	35.90	177.40	10,242.9	-88.1	745.1	750.2	96.74
10,334.0	37.40	179.40	10,267.7	-106.6	745.6	753.1	98.13
10,365.0	40.30	177.60	10,291.9	-126.0	746.1	756.7	99.59
10,396.0	43.40	176.60	10,315.0	-146.7	747.1	761.4	101.11
10,427.0	46.30	176.60	10,336.9	-168.5	748.4	767.2	102.69
10,458.0	47.00	177.20	10,358.2	-191.0	749.7	773.6	104.29
10,489.0	49.00	177.00	10,379.0	-214.0	750.8	780.7	105.91
10,520.0	53.20	177.30	10,398.4	-238.1	752.0	788.8	107.57
10,564.0	56.00	176.50	10,423.9	-273.9	754.0	802.2	109.96
10,594.0	57.70	177.00	10,440.3	-299.0	755.4	812.4	111.59
10,625.0	59.40	177.00	10,456.5	-325.4	756.8	823.8	113.27
10,656.0	60.70	177.80	10,472.0	-352.2	758.0	835.8	114.92
10,688.0	61.50	178.20	10,487.4	-380.2	759.0	848.9	116.61
10,719.0	63.40	177.90	10,501.8	-407.7	759.9	862.4	118.21
10,749.0	65.40	178.40	10,514.7	-434.7	760.8	876.2	119.74
10,781.0	68.60	178.50	10,527.2	-464.2	761.6	891.9	121.36



Microsoft
MWD Report



Company: Mewbourne Oil Company
Project: Eddy County, N.M. Nad (83)
Site: Section 13 24-26S-29E Fuller
Well: Fuller 13 24 W1JO Fed Com 1H
Wellbore: Original Hole
Design: Original Hole

Local Co-ordinate Reference: Well Fuller 13 24 W1JO Fed Com 1H
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Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)
10,812.0	68.90	178.60	10,538.5	-493.0	762.3	907.8	122.89
10,843.0	70.00	177.80	10,549.3	-522.1	763.2	924.7	124.37
10,875.0	72.10	177.10	10,559.7	-552.3	764.6	943.2	125.84
10,875.5	72.15	177.09	10,559.9	-552.8	764.6	943.5	125.87
LP Fuller 13 24 W1JO Fed Com #1H							
10,905.0	74.60	176.70	10,568.3	-581.0	766.1	961.5	127.17
10,936.0	75.20	176.90	10,576.4	-610.9	767.8	981.1	128.51
10,968.0	75.50	177.00	10,584.5	-641.8	769.4	1,002.0	129.83
10,999.0	76.30	177.50	10,592.1	-671.8	770.9	1,022.5	131.07
11,030.0	80.40	177.80	10,598.3	-702.1	772.1	1,043.6	132.28
11,061.0	83.80	178.50	10,602.6	-732.8	773.1	1,065.2	133.47
11,092.0	87.80	178.40	10,604.8	-763.7	773.9	1,087.3	134.62
11,154.0	89.40	180.30	10,606.4	-825.7	774.7	1,132.2	136.83
11,247.0	86.70	178.10	10,609.5	-918.6	775.9	1,202.5	139.81
11,341.0	90.00	179.10	10,612.2	-1,012.5	778.2	1,277.1	142.45
11,434.0	89.60	178.70	10,612.6	-1,105.5	780.0	1,353.0	144.79
11,528.0	86.90	176.30	10,615.4	-1,199.4	784.1	1,432.9	146.82
11,621.0	88.50	177.70	10,619.2	-1,292.2	789.0	1,514.0	148.59
11,715.0	89.00	177.80	10,621.2	-1,386.1	792.7	1,596.7	150.24
11,762.0	86.80	176.10	10,622.9	-1,433.0	795.2	1,638.8	150.97
11,809.0	89.10	179.10	10,624.6	-1,479.9	797.1	1,680.9	151.69
11,856.0	92.40	180.40	10,624.0	-1,526.9	797.3	1,722.5	152.43
11,902.0	89.30	179.40	10,623.3	-1,572.9	797.4	1,763.5	153.12
11,949.0	89.50	180.90	10,623.8	-1,619.9	797.3	1,805.4	153.79
11,995.0	91.20	182.20	10,623.5	-1,665.8	796.1	1,846.3	154.46
12,042.0	87.10	180.30	10,624.2	-1,712.8	795.0	1,888.3	155.10
12,088.0	89.30	182.00	10,625.7	-1,758.8	794.1	1,929.7	155.70



Microsoft
MWD Report



Company: Mewbourne Oil Company
Project: Eddy County, N.M. Nad (83)
Site: Section 13 24-26S-29E Fuller
Well: Fuller 13 24 W1JO Fed Com 1H
Wellbore: Original Hole
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Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	NS (usft)	EW (usft)	Closure Distance (usft)	Closure Azimuth (°)
12,135.0	92.00	183.10	10,625.1	-1,805.7	792.0	1,971.8	156.32
12,181.0	93.80	181.20	10,622.8	-1,851.6	790.3	2,013.2	156.89
12,275.0	94.30	181.20	10,616.2	-1,945.4	788.3	2,099.0	157.94
12,368.0	90.90	180.70	10,611.9	-2,038.2	786.8	2,184.8	158.89
12,462.0	88.00	181.20	10,612.9	-2,132.2	785.2	2,272.2	159.78
12,556.0	89.00	178.90	10,615.3	-2,226.2	785.2	2,360.6	160.57
12,651.0	92.00	184.70	10,614.5	-2,321.1	782.2	2,449.3	161.38
12,698.0	91.80	185.00	10,612.9	-2,367.9	778.2	2,492.5	161.81
12,743.0	88.30	182.00	10,612.9	-2,412.8	775.5	2,534.3	162.18
12,790.0	88.70	182.90	10,614.1	-2,459.7	773.4	2,578.5	162.54
12,836.0	88.90	184.10	10,615.1	-2,505.6	770.6	2,621.5	162.90
12,883.0	89.70	182.90	10,615.7	-2,552.5	767.8	2,665.5	163.26
12,929.0	94.70	183.80	10,613.9	-2,598.4	765.1	2,708.7	163.59
12,978.0	93.50	180.50	10,610.4	-2,647.2	763.2	2,755.1	163.92
13,022.0	91.00	177.10	10,608.7	-2,691.2	764.2	2,797.8	164.15
13,116.0	90.90	180.30	10,607.1	-2,785.1	766.3	2,888.6	164.62
13,163.0	86.90	178.40	10,608.0	-2,832.1	766.8	2,934.1	164.85
13,208.0	84.00	176.00	10,611.6	-2,876.9	769.0	2,977.9	165.03
13,300.0	85.90	177.40	10,619.7	-2,968.4	774.3	3,067.7	165.38
13,390.0	88.80	178.20	10,623.8	-3,058.2	777.7	3,155.6	165.73
13,484.0	92.90	179.30	10,622.4	-3,152.2	779.8	3,247.2	166.10
13,577.0	91.40	178.60	10,618.9	-3,245.1	781.5	3,337.9	166.46
13,670.0	92.70	178.90	10,615.6	-3,338.0	783.5	3,428.7	166.79
13,764.0	90.50	176.90	10,613.0	-3,431.9	787.0	3,521.0	167.08
13,857.0	89.90	177.10	10,612.7	-3,524.8	791.8	3,612.6	167.34
13,950.0	89.10	176.30	10,613.5	-3,617.6	797.2	3,704.4	167.57
14,043.0	90.20	179.40	10,614.0	-3,710.5	800.7	3,795.9	167.82



Microsoft
MWD Report



Company: Mewbourne Oil Company
Project: Eddy County, N.M. Nad (83)
Site: Section 13 24-26S-29E Fuller
Well: Fuller 13 24 W1JO Fed Com 1H
Wellbore: Original Hole
Design: Original Hole

Local Co-ordinate Reference: Well Fuller 13 24 W1JO Fed Com 1H
TVD Reference: 3003 + 28 @ 3031.0usft (Patterson 562)
MD Reference: 3003 + 28 @ 3031.0usft (Patterson 562)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)
14,136.0	91.00	179.10	10,613.1	-3,803.5	801.9	3,887.1	168.09
14,228.0	90.00	177.80	10,612.3	-3,895.5	804.4	3,977.7	168.33
14,321.0	90.20	181.10	10,612.1	-3,988.5	805.3	4,068.9	168.59
14,414.0	89.10	181.10	10,612.7	-4,081.4	803.5	4,159.8	168.86
14,508.0	91.60	181.80	10,612.1	-4,175.4	801.1	4,251.8	169.14
14,601.0	91.10	181.60	10,609.9	-4,268.3	798.4	4,342.3	169.41
14,694.0	91.50	181.10	10,607.8	-4,361.3	796.2	4,433.4	169.65
14,786.0	92.40	181.20	10,604.7	-4,453.2	794.3	4,523.5	169.89
14,879.0	93.30	181.60	10,600.0	-4,546.1	792.1	4,614.5	170.12
14,973.0	90.10	180.20	10,597.3	-4,640.0	790.6	4,706.9	170.33
15,065.0	87.60	180.00	10,599.1	-4,732.0	790.4	4,797.5	170.52
15,159.0	88.10	180.40	10,602.6	-4,825.9	790.1	4,890.1	170.70
15,252.0	87.00	180.20	10,606.6	-4,918.8	789.6	4,981.8	170.88
15,345.0	86.90	180.30	10,611.6	-5,011.7	789.2	5,073.4	171.05
15,438.0	91.80	180.80	10,612.6	-5,104.6	788.3	5,165.1	171.22
15,531.0	90.80	181.40	10,610.5	-5,197.6	786.5	5,256.8	171.40
15,624.0	93.30	181.80	10,607.2	-5,290.5	783.9	5,348.3	171.57
15,718.0	88.50	178.00	10,605.7	-5,384.4	784.1	5,441.2	171.71
15,812.0	85.70	176.70	10,610.5	-5,478.2	788.4	5,534.7	171.81
15,905.0	86.00	178.30	10,617.2	-5,570.9	792.5	5,627.0	171.90
15,998.0	89.20	180.70	10,621.1	-5,663.8	793.3	5,719.1	172.03
16,092.0	92.30	180.70	10,619.8	-5,757.7	792.1	5,812.0	172.17
16,186.0	89.40	181.40	10,618.5	-5,851.7	790.4	5,904.8	172.31
16,279.0	91.10	180.70	10,618.0	-5,944.7	788.7	5,996.8	172.44
16,372.0	90.90	180.70	10,616.4	-6,037.7	787.6	6,088.8	172.57
16,465.0	89.50	180.90	10,616.1	-6,130.6	786.3	6,180.9	172.69
16,558.0	92.70	180.60	10,614.3	-6,223.6	785.1	6,272.9	172.81



Microsoft
MWD Report



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Design: Original Hole

Local Co-ordinate Reference: Well Fuller 13 24 W1JO Fed Com 1H
TVD Reference: 3003 + 28 @ 3031.0usft (Patterson 562)
MD Reference: 3003 + 28 @ 3031.0usft (Patterson 562)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)
16,652.0	91.00	181.00	10,611.3	-6,317.5	783.7	6,388.0	172.93
16,745.0	91.30	182.00	10,609.4	-6,410.5	781.3	6,457.9	173.05
16,839.0	91.10	181.90	10,607.4	-6,504.4	778.1	6,550.8	173.18
16,932.0	93.20	180.20	10,604.0	-6,597.3	776.4	6,642.9	173.29
17,025.0	92.80	178.00	10,599.1	-6,690.2	777.9	6,735.3	173.37
17,118.0	90.80	179.20	10,596.2	-6,783.1	780.1	6,827.8	173.44
17,212.0	88.70	179.60	10,596.6	-6,877.1	781.1	6,921.3	173.52
17,305.0	84.40	181.00	10,602.2	-6,969.9	780.6	7,013.5	173.61
17,398.0	86.40	180.00	10,609.6	-7,062.6	779.8	7,105.5	173.70
17,491.0	88.40	179.20	10,613.9	-7,155.5	780.5	7,197.9	173.78
17,585.0	91.30	177.20	10,614.1	-7,249.4	783.4	7,291.6	173.83
17,679.0	90.70	177.40	10,612.5	-7,343.3	787.9	7,385.5	173.88
17,772.0	87.10	178.20	10,614.2	-7,436.2	791.4	7,478.2	173.92
17,865.0	90.80	178.00	10,615.9	-7,529.1	794.5	7,570.9	173.98
17,959.0	89.50	178.10	10,615.7	-7,623.1	797.7	7,664.7	174.03
18,053.0	89.40	178.10	10,616.6	-7,717.0	800.8	7,758.5	174.08
18,088.0	89.80	178.40	10,616.8	-7,752.0	801.9	7,793.4	174.09
18,140.0	89.80	178.40	10,617.0	-7,804.0	803.3	7,845.2	174.12

18140.0' MD Projected to Bit - PBHL Fuller 13 24 W1JO Fed Com #1H

Survey Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/S (usft)	+E/W (usft)	
18,140.0	10,617.0	-7,804.0	803.3	18140.0' MD Projected to Bit



COMPANY: Mewbourne Oil Company
WELL: Fuller 13 24 W1JO Fed Com 1H
COUNTY: Eddy County, N.M. Mod (83)
DATUM: North American Datum 1983
RIG: Patterson 562

STRYKER
SPECIALTIES

OFFICE: 936.582.7296

GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 6.72°

GEODETTIC ZONE: New Mexico Eastern Zone
3003 + 28 @ 3031.0usft (Patterson 562)
GROUND ELEVATION: 3003.0

+N/-S	+E/-W	North	East	Latitude	Longitude	Spot
0.0	0.0	378482.00	664125.10	32° 2' 33.584 N	103° 58' 13.369 W	

PLAN SECTIONS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSad	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1100.0	0.00	0.00	1100.0	0.0	0.0	0.00	0.00	0.0	
3	1448.9	5.23	87.92	1448.3	0.6	15.9	1.50	87.92	1.1	
4	9586.1	5.23	87.92	9551.7	27.5	767.5	0.00	0.00	50.8	
5	9934.9	0.00	0.00	9900.0	28.0	773.4	1.50	180.00	51.9	B.B. Fuller 13 24 W1JO Fed Com #1H
6	10054.9	0.00	0.00	10020.0	28.0	773.4	0.00	0.00	51.9	
7	10956.5	90.16	179.73	10593.0	-546.5	778.1	10.00	179.73	623.8	
8	18220.7	90.16	179.73	10573.0	-7810.5	809.7	0.00	0.00	7852.5	PBHL Fuller 13 24 W1JO Fed Com #1H

SHL: 2500 FNL: 2425 FEL
Section 13-26S-29E
PBHL: 330 FSL: 1650 FEL
Section 24-26S-29E



Azimuths to Grid North
True North: -0.21°
Magnetic North: 6.72°

Magnetic Field
Strength: 47824.3nT
Dip Angle: 59.82°
Date: 02/14/2019
Model: IGRF2015

