

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

MINRD-OCD ARTESIA

AMENDED REPORT

As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44660	² Pool Code 98220	³ Pool Name Purple Sage; Wolfcamp (Gas)
⁴ Property Code 320692	⁵ Property Name RUSTLER BREAKS 26/23 WOML FEE COM	⁶ Well Number 2H
⁷ OGRID NO.	⁸ Operator Name MEWBOURNE OIL COMPANY	⁹ Elevation 2969'

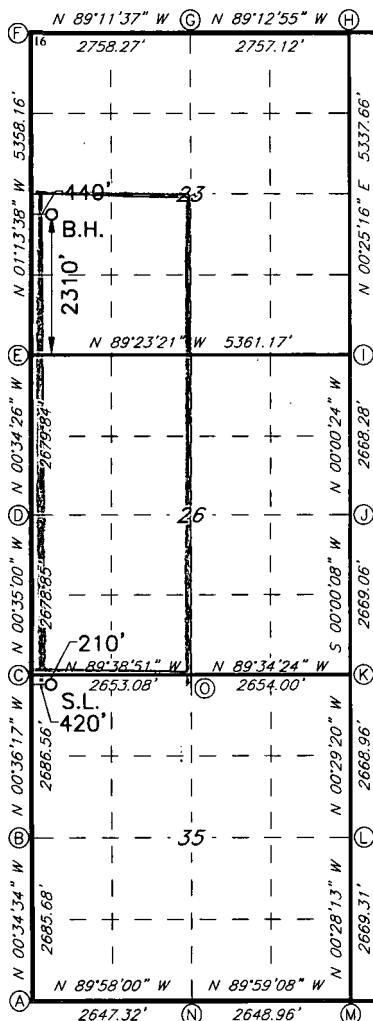
¹⁰ Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
D	35	24S	28E		210	NORTH	420	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	23	24S	28E		2350	SOUTH	440	WEST	EDDY

¹² Dedicated Acres 480	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.



GEODETIC DATA
NAD 83 GRID - NM EAST
SURFACE LOCATION
N 429580.9 - E 624276.0
LAT: 32.1807116° N
LONG: 104.0652526° W
BOTTOM HOLE
N 437455.0 - E 624190.3
LAT: 32.2023570° N
LONG: 104.0654666° W

CORNER DATA
NAD 83 GRID - NM EAST
A: FOUND BRASS CAP "1942"
N 424422.7 - E 623909.3
B: FOUND BRASS CAP "1942"
N 427107.6 - E 623882.3
C: FOUND BRASS CAP "1942"
N 429793.4 - E 623853.9
D: FOUND BRASS CAP "1942"
N 432471.6 - E 623826.7
E: FOUND BRASS CAP "1942"
N 435150.7 - E 623799.8
F: FOUND BRASS CAP "1942"
N 440506.4 - E 623685.1
G: FOUND BRASS CAP "1942"
N 440467.6 - E 626442.5
H: FOUND BRASS CAP "1942"
N 440429.9 - E 629198.7
I: FOUND BRASS CAP "1942"
N 435093.5 - E 629159.5
J: FOUND BRASS CAP "1942"
N 432425.8 - E 629159.8
K: FOUND BRASS CAP "1942"
N 429757.4 - E 629159.7
L: FOUND BRASS CAP "1942"
N 427089.1 - E 629182.5
M: FOUND BRASS CAP "1942"
N 424420.5 - E 629204.4
N: FOUND BRASS CAP "1942"
N 424421.1 - E 626556.0
O: FOUND BRASS CAP "1942"
N 429777.1 - E 626506.4

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: 1/10/2020
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.

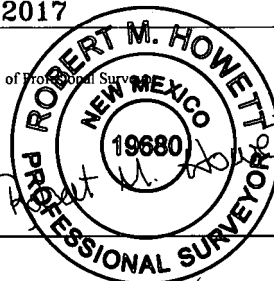
12-18-2017

Date of Survey

Signature and Seal of Professional Surveyor

19680

Certificate Number



Job No.: LS1712836

RWP 1-16-2020

STRYKER

DIRECTIONAL

March 11, 2019

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

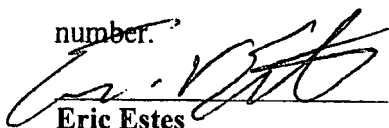
Attn: Jackie Lathan

Re: Mewbourne Oil Company
Rustler Breaks 26 23 W0ML Fee Com #2H
Purple Sage; Wolfcamp
Eddy County, New Mexico
API# 30-015-44660

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>
Greg Morris	Original Hole	719ft. to 17,282ft.	01-18-19 to 02-06-19	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\Rustler Breaks 26 23 W0ML Fee Com #2H\191013

STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.

P.O. Box 1250

Montgomery, TX 77356

Office (936) 582-7296 * Fax (936)-588-4163



March 11, 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 January 18, 2018, through February 6, 2018 conduct or supervise the taking of a SEDS Original Hole MWD Survey from a depth of 719feet to a depth of 17,282feet; that I am authorized and qualified to make this report; that this survey was conducted at the request of Mewbourne Oil Company, for the Rustler Breaks 26 23 W0ML Fee Com #2H, well API # 30-015-44660 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", 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 Surveys



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Rustler Breaks 26/23 WOML Fee Com #2H
Project:	Eddy County, N.M. Nad (83)	TVD Reference:	2969 + 27 @ 2996.0usft (Patterson 242)
Site:	Section 35 26 23-24S-28E Rustler Breaks 26/23	MD Reference:	2969 + 27 @ 2996.0usft (Patterson 242)
Well:	Rustler Breaks 26/23 WOML Fee Com #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

Survey Program		Date	02/07/19		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
100.0	595.0	Phoenix Gyro Survey (Original Hole)	SRG-GYRO-MS	surface readout gyro multishot	
719.0	17,330.0	MWD Survey (Original Hole)	MWD	MWD v3: standard declination	

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
595.0	0.83	289.41	594.9	2,401.1	3.3	-11.6	12.1	285.82	Tie-In
719.0	1.30	284.30	718.8	2,277.2	3.9	-13.8	14.4	285.90	
846.0	1.70	286.90	845.8	2,150.2	4.8	-17.0	17.7	285.88	
1,036.0	2.40	123.10	1,035.7	1,960.3	3.5	-16.4	16.8	282.02	
1,226.0	2.50	125.70	1,225.6	1,770.4	-1.1	-9.7	9.8	263.53	
1,416.0	2.50	123.40	1,415.4	1,580.6	-5.8	-2.9	6.5	206.36	
1,605.0	0.60	51.40	1,604.3	1,391.7	-7.5	1.3	7.6	169.80	
1,702.0	0.70	28.20	1,701.3	1,294.7	-6.6	2.0	6.9	163.03	
1,890.0	1.50	93.80	1,889.3	1,106.7	-5.8	5.0	7.6	138.97	
2,078.0	3.10	104.00	2,077.1	918.9	-7.2	12.4	14.3	119.98	
2,266.0	2.40	127.00	2,264.9	731.1	-10.8	20.5	23.1	117.71	
2,454.0	1.20	119.70	2,452.8	543.2	-14.1	25.3	29.0	119.10	
2,585.0	0.90	127.50	2,583.8	412.2	-15.4	27.3	31.4	119.40	
2,737.0	1.10	123.90	2,735.8	260.2	-16.9	29.5	34.0	119.87	
2,925.0	1.20	16.00	2,923.8	72.2	-16.1	31.5	35.4	116.98	
3,113.0	1.10	345.50	3,111.7	-115.7	-12.4	31.6	34.0	111.44	
3,301.0	1.40	351.40	3,299.7	-303.7	-8.4	30.8	32.0	105.24	
3,489.0	1.20	340.70	3,487.6	-491.6	-4.3	29.8	30.1	98.15	
3,676.0	1.20	326.00	3,674.6	-678.6	-0.8	28.1	28.1	91.64	
3,864.0	1.50	319.80	3,862.5	-866.5	2.7	25.4	25.6	83.92	
4,051.0	1.20	312.10	4,049.5	-1,053.5	5.9	22.4	23.1	75.25	

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Rustler Breaks 26/23 WOML Fee Com #2H
Project:	Eddy County, N.M. Nad (83)	TVD Reference:	2969 + 27 @ 2996.0usft (Patterson 242)
Site:	Section 35 26 23-24S-28E Rustler Breaks 26/23	MD Reference:	2969 + 27 @ 2996.0usft (Patterson 242)
Well:	Rustler Breaks 26/23 WOML Fee Com #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
4,239.0	2.00	349.30	4,237.4	-1,241.4	10.4	20.3	22.8	62.81	
4,427.0	2.20	346.20	4,425.3	-1,429.3	17.2	18.8	25.5	47.67	
4,615.0	1.80	342.80	4,613.2	-1,617.2	23.5	17.1	29.1	36.07	
4,803.0	1.40	330.30	4,801.1	-1,805.1	28.3	15.1	32.1	28.07	
4,991.0	1.50	329.40	4,989.0	-1,993.0	32.4	12.7	34.8	21.40	
5,178.0	1.10	331.10	5,176.0	-2,180.0	36.1	10.6	37.6	16.35	
5,366.0	1.90	17.20	5,363.9	-2,367.9	40.7	10.6	42.0	14.67	
5,554.0	1.60	11.10	5,551.8	-2,555.8	46.2	12.1	47.8	14.64	
5,742.0	1.50	9.40	5,739.8	-2,743.8	51.2	13.0	52.8	14.22	
5,929.0	1.30	18.60	5,926.7	-2,930.7	55.6	14.1	57.4	14.17	
6,117.0	1.20	16.10	6,114.7	-3,118.7	59.5	15.3	61.5	14.39	
6,305.0	0.80	30.70	6,302.6	-3,306.6	62.6	16.5	64.7	14.77	
6,493.0	0.50	9.20	6,490.6	-3,494.6	64.5	17.3	66.8	15.01	
6,680.0	0.60	59.10	6,677.6	-3,681.6	65.8	18.3	68.3	15.51	
6,866.0	1.10	97.20	6,863.6	-3,867.6	66.1	20.9	69.3	17.53	
7,054.0	1.10	148.30	7,051.6	-4,055.6	64.3	23.6	68.5	20.15	
7,242.0	0.40	134.80	7,239.6	-4,243.6	62.3	25.0	67.2	21.87	
7,430.0	1.00	61.00	7,427.5	-4,431.5	62.7	26.9	68.2	23.25	
7,619.0	2.50	83.50	7,616.4	-4,620.4	63.9	32.5	71.7	26.92	
7,806.0	2.20	96.90	7,803.3	-4,807.3	64.0	40.1	75.5	32.07	
7,994.0	2.80	119.40	7,991.1	-4,995.1	61.3	47.7	77.6	37.88	
8,181.0	2.90	124.30	8,177.9	-5,181.9	56.4	55.5	79.1	44.58	
8,369.0	2.50	130.90	8,365.7	-5,369.7	51.0	62.6	80.7	50.82	
8,558.0	1.90	153.40	8,554.5	-5,558.5	45.5	67.1	81.1	55.86	
8,746.0	3.00	188.20	8,742.4	-5,746.4	37.8	67.8	77.6	60.83	
8,934.0	2.00	188.80	8,930.2	-5,934.2	29.7	66.6	72.9	65.94	

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Rustler Breaks 26/23 W0ML Fee Com #2H
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Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
9,001.7	1.96	190.33	8,997.9	-6,001.9	27.4	66.2	71.7	67.50	
B.B. Rustler Breaks 26/23 W0ML Fee Com 2H									
9,114.0	1.90	193.00	9,110.1	-6,114.1	23.7	65.4	69.6	70.08	
9,144.0	1.10	176.20	9,140.1	-6,144.1	22.9	65.3	69.3	70.65	
9,175.0	0.90	327.10	9,171.1	-6,175.1	22.9	65.2	69.1	70.69	
9,207.0	4.40	349.10	9,203.0	-6,207.0	24.3	64.9	69.3	69.48	
9,238.0	7.90	349.30	9,233.9	-6,237.9	27.5	64.2	69.9	66.80	
9,269.0	10.20	350.60	9,264.5	-6,268.5	32.3	63.4	71.2	62.98	
9,300.0	13.70	349.90	9,294.8	-6,298.8	38.7	62.3	73.3	58.18	
9,332.0	15.30	352.10	9,325.8	-6,329.8	46.6	61.1	76.8	52.67	
9,359.0	19.90	355.30	9,351.5	-6,355.5	54.7	60.2	81.3	47.74	
9,390.0	23.60	356.90	9,380.3	-6,384.3	66.1	59.4	88.9	41.94	
9,421.0	28.40	357.50	9,408.1	-6,412.1	79.7	58.8	99.0	36.40	
9,453.0	33.70	357.10	9,435.5	-6,439.5	96.2	58.0	112.3	31.08	
9,484.0	39.30	355.70	9,460.5	-6,464.5	114.6	56.8	127.9	26.37	
9,515.0	44.40	355.10	9,483.5	-6,487.5	135.2	55.1	146.0	22.19	
9,546.0	48.00	355.10	9,505.0	-6,509.0	157.5	53.2	166.2	18.68	
9,577.0	51.50	355.40	9,525.0	-6,529.0	181.1	51.3	188.2	15.81	
9,609.0	55.60	356.30	9,544.0	-6,548.0	206.7	49.4	212.6	13.45	
9,640.0	59.30	356.60	9,560.7	-6,564.7	232.8	47.8	237.7	11.60	
9,671.0	63.10	356.70	9,575.6	-6,579.6	259.9	46.2	264.0	10.08	
9,702.0	66.80	356.50	9,588.8	-6,592.8	287.9	44.6	291.4	8.80	
9,734.0	70.90	356.20	9,600.3	-6,604.3	317.7	42.7	320.6	7.65	
9,765.0	75.00	356.10	9,609.4	-6,613.4	347.3	40.7	349.7	6.68	
9,773.0	76.00	356.30	9,611.4	-6,615.4	355.0	40.1	357.3	6.45	
9,842.0	81.60	357.90	9,624.8	-6,628.8	422.6	36.7	424.2	4.97	
9,935.0	88.80	357.20	9,632.6	-6,636.6	515.1	32.8	516.2	3.64	

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Design:	Original Hole	Database:	Stryker_EDM

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)
9,960.5	89.26	357.42	9,633.0	-6,637.0	540.6	31.6	541.5	3.34
LP Rustler Breaks 26/23 W0ML Fee Com 2H								
10,029.0	90.50	358.00	9,633.1	-6,637.1	609.0	28.8	609.7	2.71
10,124.0	91.50	358.30	9,631.5	-6,635.5	704.0	25.8	704.4	2.10
10,218.0	91.30	358.30	9,629.2	-6,633.2	797.9	23.0	798.2	1.65
10,311.0	91.20	358.00	9,627.2	-6,631.2	890.8	20.0	891.0	1.29
10,404.0	89.40	358.00	9,626.7	-6,630.7	983.8	16.7	983.9	0.97
10,498.0	90.10	358.20	9,627.1	-6,631.1	1,077.7	13.6	1,077.8	0.72
10,592.0	89.80	358.60	9,627.2	-6,631.2	1,171.7	11.0	1,171.7	0.54
10,685.0	91.10	359.00	9,626.4	-6,630.4	1,264.6	9.0	1,264.7	0.41
10,779.0	89.70	359.20	9,625.8	-6,629.8	1,358.6	7.6	1,358.6	0.32
10,873.0	89.00	359.00	9,626.8	-6,630.8	1,452.6	6.1	1,452.6	0.24
10,968.0	90.50	359.60	9,627.3	-6,631.3	1,547.6	4.9	1,547.6	0.18
11,061.0	91.00	359.70	9,626.0	-6,630.0	1,640.6	4.4	1,640.6	0.15
11,155.0	92.10	0.00	9,623.5	-6,627.5	1,734.6	4.1	1,734.6	0.14
11,249.0	90.90	359.00	9,621.0	-6,625.0	1,828.5	3.3	1,828.5	0.10
11,343.0	92.10	359.50	9,618.6	-6,622.6	1,922.5	2.1	1,922.5	0.06
11,437.0	90.80	359.50	9,616.2	-6,620.2	2,016.4	1.3	2,016.4	0.04
11,531.0	88.50	358.60	9,616.8	-6,620.8	2,110.4	-0.3	2,110.4	359.99
11,625.0	90.40	359.20	9,617.7	-6,621.7	2,204.4	-2.1	2,204.4	359.95
11,720.0	89.50	358.70	9,617.8	-6,621.8	2,299.4	-3.9	2,299.4	359.90
11,814.0	89.90	359.00	9,618.3	-6,622.3	2,393.3	-5.7	2,393.4	359.86
11,908.0	90.10	359.60	9,618.3	-6,622.3	2,487.3	-6.9	2,487.3	359.84
12,001.0	91.30	359.80	9,617.1	-6,621.1	2,580.3	-7.4	2,580.3	359.84
12,095.0	90.70	359.50	9,615.5	-6,619.5	2,674.3	-7.9	2,674.3	359.83
12,189.0	89.30	358.90	9,615.5	-6,619.5	2,768.3	-9.3	2,768.3	359.81
12,283.0	90.70	359.50	9,615.5	-6,619.5	2,862.3	-10.6	2,862.3	359.79



Microsoft
MWD Surveys



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Rustler Breaks 26/23 W0ML Fee Com #2H
Project:	Eddy County, N.M. Nad (83)	TVD Reference:	2969 + 27 @ 2996.0usft (Patterson 242)
Site:	Section 35 26 23-24S-28E Rustler Breaks 26/23	MD Reference:	2969 + 27 @ 2996.0usft (Patterson 242)
Well:	Rustler Breaks 26/23 W0ML Fee Com #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
12,378.0	90.60	359.90	9,614.4	-6,618.4	2,957.3	-11.1	2,957.3	359.79	
12,471.0	90.20	359.60	9,613.7	-6,617.7	3,050.3	-11.5	3,050.3	359.78	
12,564.0	90.40	0.50	9,613.3	-6,617.3	3,143.3	-11.4	3,143.3	359.79	
12,658.0	91.20	359.80	9,611.9	-6,615.9	3,237.3	-11.1	3,237.3	359.80	
12,752.0	91.80	0.10	9,609.5	-6,613.5	3,331.2	-11.2	3,331.3	359.81	
12,845.0	91.10	359.80	9,607.1	-6,611.1	3,424.2	-11.3	3,424.2	359.81	
12,939.0	90.30	359.70	9,606.0	-6,610.0	3,518.2	-11.7	3,518.2	359.81	
13,033.0	89.90	0.20	9,605.8	-6,609.8	3,612.2	-11.8	3,612.2	359.81	
13,127.0	91.30	2.60	9,604.8	-6,608.8	3,706.2	-9.5	3,706.2	359.85	
13,221.0	88.10	0.80	9,605.3	-6,609.3	3,800.1	-6.7	3,800.1	359.90	
13,320.0	88.90	0.80	9,607.9	-6,611.9	3,899.0	-5.3	3,899.1	359.92	
13,414.0	89.70	359.20	9,609.1	-6,613.1	3,993.0	-5.3	3,993.0	359.92	
13,508.0	91.60	358.20	9,608.0	-6,612.0	4,087.0	-7.5	4,087.0	359.90	
13,603.0	88.90	357.00	9,607.6	-6,611.6	4,181.9	-11.4	4,181.9	359.84	
13,697.0	91.40	357.00	9,607.3	-6,611.3	4,275.8	-16.4	4,275.8	359.78	
13,791.0	88.60	355.90	9,607.3	-6,611.3	4,369.6	-22.2	4,369.6	359.71	
13,885.0	91.30	357.20	9,607.4	-6,611.4	4,463.4	-27.8	4,463.5	359.64	
13,980.0	91.20	357.80	9,605.4	-6,609.4	4,558.3	-32.0	4,558.4	359.60	
14,074.0	91.60	359.80	9,603.1	-6,607.1	4,652.2	-34.0	4,652.4	359.58	
14,168.0	91.30	359.10	9,600.7	-6,604.7	4,746.2	-34.9	4,746.3	359.58	
14,263.0	87.90	357.50	9,601.3	-6,605.3	4,841.1	-37.7	4,841.3	359.55	
14,357.0	91.90	0.40	9,601.5	-6,605.5	4,935.1	-39.4	4,935.2	359.54	
14,452.0	91.50	0.80	9,598.7	-6,602.7	5,030.0	-38.4	5,030.2	359.56	
14,545.0	91.60	1.10	9,596.2	-6,600.2	5,123.0	-36.9	5,123.1	359.59	
14,640.0	91.60	1.30	9,593.5	-6,597.5	5,217.9	-34.9	5,218.1	359.62	
14,733.0	90.60	0.90	9,591.7	-6,595.7	5,310.9	-33.1	5,311.0	359.64	
14,828.0	89.30	359.80	9,591.8	-6,595.8	5,405.9	-32.5	5,406.0	359.66	

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Well:	Rustler Breaks 26/23 W0ML Fee Com #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
14,921.0	89.10	359.90	9,593.1	-6,597.1	5,498.9	-32.7	5,499.0	359.66	
15,015.0	91.40	359.00	9,592.7	-6,596.7	5,592.9	-33.7	5,593.0	359.66	
15,109.0	90.80	359.10	9,590.9	-6,594.9	5,686.8	-35.2	5,687.0	359.65	
15,203.0	91.30	359.40	9,589.2	-6,593.2	5,780.8	-36.4	5,780.9	359.64	
15,297.0	92.50	0.30	9,586.1	-6,590.1	5,874.8	-36.7	5,874.9	359.64	
15,391.0	90.60	359.20	9,583.5	-6,587.5	5,968.7	-37.1	5,968.8	359.64	
15,484.0	90.70	359.70	9,582.5	-6,586.5	6,061.7	-38.0	6,061.8	359.64	
15,578.0	89.10	357.60	9,582.6	-6,586.6	6,155.7	-40.2	6,155.8	359.63	
15,672.0	89.40	357.60	9,583.9	-6,587.9	6,249.6	-44.1	6,249.7	359.60	
15,764.0	90.20	358.30	9,584.2	-6,588.2	6,341.5	-47.4	6,341.7	359.57	
15,858.0	89.80	357.80	9,584.2	-6,588.2	6,435.5	-50.6	6,435.7	359.55	
15,952.0	91.30	357.90	9,583.3	-6,587.3	6,529.4	-54.2	6,529.6	359.52	
16,046.0	91.80	357.60	9,580.7	-6,584.7	6,623.3	-57.8	6,623.5	359.50	
16,140.0	91.10	357.90	9,578.4	-6,582.4	6,717.2	-61.5	6,717.5	359.48	
16,234.0	89.60	357.50	9,577.8	-6,581.8	6,811.1	-65.3	6,811.4	359.45	
16,328.0	91.60	0.50	9,576.8	-6,580.8	6,905.1	-66.9	6,905.4	359.44	
16,422.0	92.60	1.50	9,573.4	-6,577.4	6,999.0	-65.3	6,999.3	359.47	
16,516.0	90.10	359.00	9,571.1	-6,575.1	7,093.0	-64.9	7,093.2	359.48	
16,610.0	89.60	359.10	9,571.4	-6,575.4	7,186.9	-66.5	7,187.2	359.47	
16,704.0	93.30	1.50	9,569.0	-6,573.0	7,280.9	-66.0	7,281.2	359.48	
16,798.0	91.00	358.30	9,565.5	-6,569.5	7,374.8	-66.1	7,375.1	359.49	
16,892.0	89.30	357.00	9,565.2	-6,569.2	7,468.7	-70.0	7,469.0	359.46	
16,985.0	91.20	358.10	9,564.8	-6,568.8	7,561.6	-74.0	7,562.0	359.44	
17,079.0	92.00	358.50	9,562.2	-6,566.2	7,655.5	-76.7	7,655.9	359.43	
17,172.0	91.70	358.50	9,559.2	-6,563.2	7,748.5	-79.2	7,748.9	359.41	
17,203.0	92.00	358.60	9,558.2	-6,562.2	7,779.4	-80.0	7,779.8	359.41	

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Site:	Section 35 26 23-24S-28E Rustler Breaks 26/23	MD Reference:	2969 + 27 @ 2996.0usft (Patterson 242)
Well:	Rustler Breaks 26/23 W0ML Fee Com #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
17,282.0	91.90	358.80	9,555.5	-6,559.5	7,858.4	-81.8	7,858.8	359.40	
PBHL Rustler Breaks 26/23 W0ML Fee Com 2H									
17,330.0	91.90	358.80	9,553.9	-6,557.9	7,906.3	-82.8	7,906.8	359.40	
17330' Projected to Bit									

Survey Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
17,330.0	9,553.9	7,906.3	-82.8	17330' Projected to Bit



COMPANY: Mewbourne Oil Company
 WELL: Rustler Breaks 26/23 W0ML Fee Com #2H
 COUNTY: Eddy County, N.M. Nad (83)
 DATUM: North American Datum 1983
 RIG: Patterson 242



OFFICE: 936.582.7296

GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 6.87°

GEODETIC ZONE: New Mexico Eastern Zone 2969 + 27 @ 2996.0usft (Patterson 242) GROUND ELEVATION: 2969.0										
		+N/-S	+E/-W	North	East	Latitude		Longitude	Slot	
		0.0	0.0	429580.90	624276.00	32° 10' 50.562 N		104° 3' 54.910 W		
PLAN SECTIONS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2700.0	0.00	0.00	2700.0	0.0	0.0	0.00	0.00	0.0	
3	2762.2	0.93	10.84	2762.2	0.5	0.1	1.50	10.84	0.5	
4	8938.6	0.93	10.84	8937.8	99.3	19.0	0.00	0.00	99.1	
5	9000.8	0.00	0.00	9000.0	99.8	19.1	1.50	180.00	99.6	B.B. Rustler Breaks 26/23 W0ML Fee Corn 2H
6	9162.4	0.00	0.00	9161.6	99.8	19.1	0.00	0.00	99.6	
7	9917.4	90.60	359.23	9639.0	582.2	12.6	12.00	359.23	582.0	
8	17210.4	90.60	359.23	9563.0	7874.1	-85.7	0.00	0.00	7874.6	PSHL Rustler Breaks 26/23 W0ML Fee Corn 2H

SHL: 210' FNL: 420' FWL
 Section 35-24S-28E
 PBHL: 2310' FSL: 440' FWL
 Section 23-24S-28E

