

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Mewbourne Oil Company PO Box 5270 Hobbs, NM 88240		² OGRID Number 14744
		³ Reason for Filing Code/ Effective Date NW / 03/15/2021
⁴ API Number 30 – 015-46921	⁵ Pool Name Purple Sage; Bone Spring (Gas)	⁶ Pool Code 98220
⁷ Property Code 327340	⁸ Property Name Pale Rider 8/5 W0PA State Com	⁹ Well Number 1H

II. ¹⁰ Surface Location

Ul or lot no. P	Section 8	Township 25S	Range 28E	Lot Idn	Feet from the 260	North/South Line South	Feet from the 1300	East/West line East	County Eddy
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¹¹ Bottom Hole Location

Ul or lot no. A	Section 5	Township 25S	Range 28E	Lot Idn	Feet from the 317	North/South line North	Feet from the 986	East/West line East	County Eddy
¹² Lse Code S	¹³ Producing Method Code Gas Lift	¹⁴ Gas Connection Date 03/15/2021	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
371960	Lucid Energy Group 3100 McKinnon Suite 800 Dallas, TX 75201	G
	Oryx Delaware Oil 4000 N Big Spring Suite 400 Midland, TX 79705	O

IV. Well Completion Data

²¹ Spud Date 09/22/2020	²² Ready Date 03/15/2021	²³ TD 19422'	²⁴ PBDT 19384'	²⁵ Perforations 9446' - 19369'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 ½"	13 ¾" 54.5# J55	455'	520		
12 ¼"	9 ⅝" 40# HCL80	2435'	550		
8 ¾"	7" 29# HCP110	9195'	780		
6 ⅞"	4 ½" 13.5# HCP110	8744' – 19422'	750		
	3 ½" 9.3# L80	8696'			

V. Well Test Data

³¹ Date New Oil 03/15/2021	³² Gas Delivery Date 03/15/2021	³³ Test Date 03/22/2021	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 2085	³⁶ Csg. Pressure 1735
³⁷ Choke Size 32/64"	³⁸ Oil 775	³⁹ Water 3380	⁴⁰ Gas 1592		⁴¹ Test Method Production

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: 

Printed name:
Jackie Lathan

Title:
Regulatory

E-mail Address:
jlathan@mewbourne.com

Date: 04/20/2021
Phone: 575-393-5905

OIL CONSERVATION DIVISION

Approved by: KURT SIMMONS

Title: NMOCD, SANTA FE

Approval Date: 07/12/2021

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

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

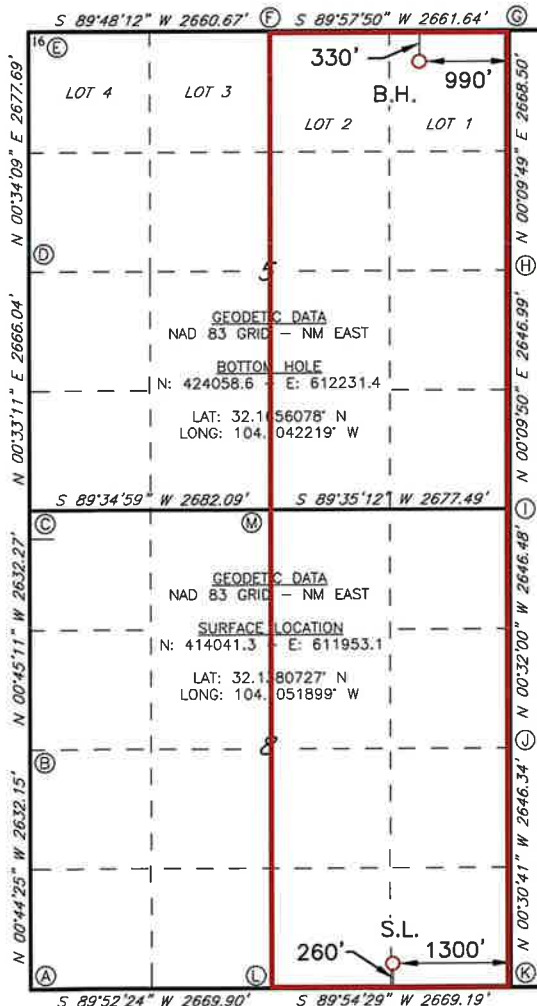
☒ AMENDED REPORT

As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-46921		² Pool Code 98220		³ Pool Name Purple Sage; Wolfcamp (Gas)					
⁴ Property Code 327340		⁵ Property Name PALE RIDER 8/5 WOPA STATE COM						⁶ Well Number 1H	
⁷ OGRID NO. 14744		⁸ Operator Name MEWBOURNE OIL COMPANY						⁹ Elevation 3011'	
¹⁰ Surface Location									
UL or lot no. P	Section 8	Township 25S	Range 28E	Lot Idn	Feet from the 260	North/South line SOUTH	Feet From the 1300	East/West line EAST	County EDDY
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. 1	Section 5	Township 25S	Range 28E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 990	East/West line EAST	County EDDY
¹² Dedicated Acres 641.17		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.



CORNER DATA
NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1940"
N: 413773.3 - E: 607917.3

B: FOUND BRASS CAP "1940"
N: 416404.6 - E: 607883.3

C: FOUND BRASS CAP "1940"
N: 419036.1 - E: 607848.7

D: FOUND BRASS CAP "1940"
N: 421701.4 - E: 607874.5

E: FOUND BRASS CAP "1940"
N: 424378.3 - E: 607901.1

F: FOUND BRASS CAP "1940"
N: 424387.5 - E: 610561.1

G: FOUND BRASS CAP "1940"
N: 424389.2 - E: 613222.2

H: FOUND BRASS CAP "1940"
N: 421721.3 - E: 613214.5

I: FOUND BRASS CAP "1940"
N: 419074.9 - E: 613207.0

J: FOUND BRASS CAP "1940"
N: 416429.1 - E: 613231.6

K: FOUND BRASS CAP "1940"
N: 413783.4 - E: 613255.2

L: FOUND BRASS CAP "1940"
N: 413779.2 - E: 610586.6

M: FOUND BRASS CAP "1940"
N: 419055.6 - E: 610530.2

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.

Jackie Lathan 04/22/2021
Signature Date

Jackie Lathan
Printed Name

jlathan@mewbourne.com
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.

11-08-2019

Date of Survey

Signature and Seal of Professional Surveyor

19680

Certificate Number



Job No: LS19111076

Plan #4



Project: Eddy Co., NM (NAD 83)
 Site: Pale Rider 8-5
 Well: WOPA State Com #1H
 Wellbore: OH
 Design: Plan #4
 Lat: 32.138073
 Long: -104.105190
 GL: 3011.00
 KB: KB=2B' @ 3039.00usft (Patterson 575)



Azimuths to Grid North
 True North: -0.12°
 Magnetic North: 6.86°

Magnetic Field
 Strength: 47740.5nT
 Dip Angle: 59.80°
 Date: 7/30/2020
 Model: HDGM2020

WELL DETAILS: WOPA State Com #1H

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	414041.30	611953.10	32.138073	-104.105190

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PS 8-5 WOPA St Com #1H BB Point	8781.05	-249.46	311.99	413791.84	612265.09	Point
PS 8-5 WOPA St Com #1H PBHL	9394.00	10017.30	278.30	424058.60	612231.40	Point

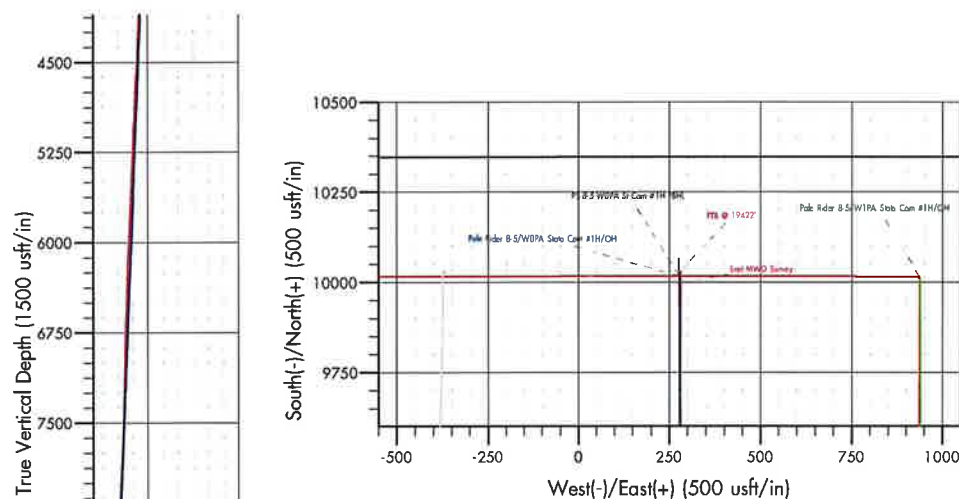
SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	Build 1.5°/100'
2752.74	3.79	128.65	2752.56	-5.22	6.53	1.50	128.65	-5.04	5788' Hold
8541.34	3.79	128.65	8528.49	-244.24	305.46	0.00	0.00	-235.66	Drop 1.5°/100'
8794.09	0.00	0.00	8781.05	-249.46	311.99	1.50	180.00	-240.70	Build 10°/100'
9691.72	89.76	359.81	9354.00	321.13	310.11	10.00	359.81	329.62	9696' Hold
19388.02	89.76	359.81	9394.00	10017.30	278.30	0.00	0.00	10021.17	TD at 19388.02

330' FSL Hard Line
 330' FNL Hard Line
 330' FEL Hard Line
 2310' FEL Hard Line

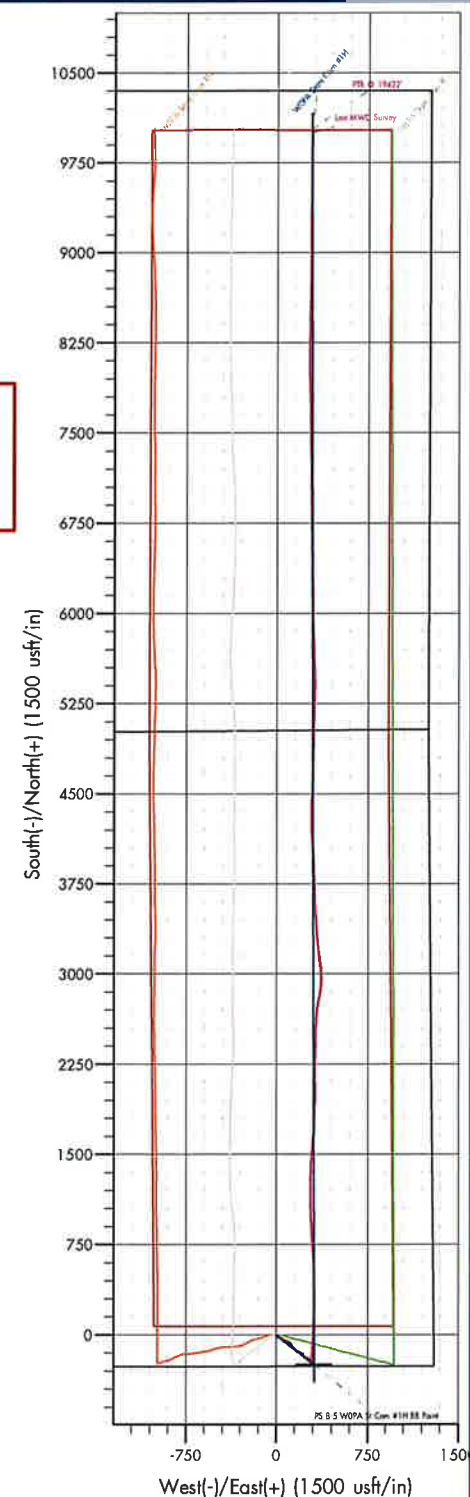
Pale Rider 8-5 WOPA
 State Com #1H
 SHL: 260' FSL & 1300' FEL

Pale Rider 8-5 WOPA
 State Com #1H
 BHL: 330' FNL & 990' FEL



Vertical Section at 1.59° (1500 usft/in)

Plan: Plan #4 (WOPA State Com #1H/OH)
 Created By: Dusty Moyer Date: 5-16, October 09 2020





Mewbourne Oil Company

Eddy Co., NM (NAD 83)

Pale Rider 8-5

W0PA State Com #1H

OH

Design: OH

Standard Survey Report

09 October, 2020





Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well W0PA State Com #1H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28' @ 3039.00usft (Patterson 575)
Site:	Pale Rider 8-5	MD Reference:	KB=28' @ 3039.00usft (Patterson 575)
Well:	W0PA State Com #1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Project:	Eddy Co., NM (NAD 83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site:	Pale Rider 8-5		
Site Position:		Northing:	414,041.20 usft
From:	Map	Easting:	611,893.20 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.138073
		Longitude:	-104.105384

Well	W0PA State Com #1H					
Well Position	+N/-S	0.00 usft	Northing:	414,041.30 usft	Latitude:	32.138073
	+E/-W	0.00 usft	Easting:	611,953.10 usft	Longitude:	-104.105190
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,011.00 usft
Grid Convergence:		0.12 °				

Wellbore:	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2020	7/30/2020	6.98	59.80	47,740.50000000

Design:	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	1.59	

Survey Program	Date	10/9/2020			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
100.00	396.00	Gyro (OH)	GYRO-NS	OWSG Gyrocompass Gyro	
545.00	19,422.00	MWD Survey (OH)	MWD + HDGM	MWD + HDGM - Standard	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.15	21.03	100.00	0.12	0.05	0.12	0.15	0.15	0.00	
200.00	0.20	75.82	200.00	0.29	0.26	0.29	0.17	0.05	54.79	
300.00	0.76	146.63	300.00	-0.22	0.80	-0.20	0.72	0.56	70.81	
396.00	1.15	141.53	395.98	-1.51	1.75	-1.46	0.42	0.41	-5.31	
545.00	1.71	160.39	544.94	-4.77	3.42	-4.68	0.49	0.38	12.66	
First MWD Survey										
670.00	1.76	161.10	669.88	-8.35	4.67	-8.21	0.04	0.04	0.57	
790.00	1.58	163.56	789.83	-11.68	5.74	-11.51	0.16	-0.15	2.05	



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well WOPA State Com #1H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28' @ 3039.00usft (Patterson 575)
Site:	Pale Rider 8-5	MD Reference:	KB=28' @ 3039.00usft (Patterson 575)
Well:	WOPA State Com #1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
892.00	1.32	159.43	891.80	-14.13	6.55	-13.94	0.27	-0.25	-4.05
987.00	0.97	133.32	986.78	-15.70	7.52	-15.49	0.65	-0.37	-27.48
1,083.00	0.26	123.83	1,082.77	-16.38	8.29	-16.15	0.74	-0.74	-9.89
1,178.00	0.88	148.27	1,177.77	-17.12	8.85	-16.87	0.69	0.65	25.73
1,274.00	1.32	148.44	1,273.75	-18.69	9.82	-18.41	0.46	0.46	0.18
1,369.00	0.70	127.00	1,368.73	-19.97	10.85	-19.66	0.75	-0.65	-22.57
1,464.00	0.53	126.03	1,463.73	-20.58	11.67	-20.25	0.18	-0.18	-1.02
1,560.00	0.18	121.11	1,559.73	-20.92	12.16	-20.57	0.37	-0.36	-5.13
1,655.00	1.41	109.33	1,654.71	-21.38	13.39	-21.00	1.30	1.29	-12.40
1,750.00	2.07	109.86	1,749.67	-22.35	16.11	-21.90	0.69	0.69	0.56
1,844.00	2.24	109.86	1,843.60	-23.55	19.43	-23.01	0.18	0.18	0.00
1,938.00	2.11	107.40	1,937.54	-24.70	22.81	-24.05	0.17	-0.14	-2.62
2,033.00	1.76	103.62	2,032.48	-25.56	25.90	-24.83	0.39	-0.37	-3.98
2,127.00	2.55	109.59	2,126.41	-26.60	29.27	-25.78	0.87	0.84	6.35
2,221.00	3.38	101.51	2,220.29	-27.86	33.96	-26.90	0.99	0.88	-8.60
2,315.00	2.81	115.57	2,314.15	-29.40	38.75	-28.32	1.01	-0.61	14.96
2,390.00	2.07	112.41	2,389.08	-30.71	41.66	-29.55	1.00	-0.99	-4.21
2,503.00	1.45	95.53	2,502.03	-31.63	44.97	-30.37	0.71	-0.55	-14.94
2,597.00	1.23	106.96	2,596.00	-32.04	47.12	-30.72	0.37	-0.23	12.16
2,786.00	2.24	112.32	2,784.92	-34.03	52.48	-32.56	0.54	0.53	2.84
2,974.00	4.44	119.00	2,972.59	-38.96	62.24	-37.21	1.19	1.17	3.55
3,165.00	4.53	115.22	3,163.00	-45.76	75.53	-43.64	0.16	0.05	-1.98
3,357.00	3.74	113.11	3,354.50	-51.44	88.15	-48.98	0.42	-0.41	-1.10
3,545.00	3.25	117.15	3,542.15	-56.28	98.53	-53.53	0.29	-0.26	2.15
3,734.00	2.42	114.08	3,730.92	-60.36	106.94	-57.36	0.45	-0.44	-1.62
3,924.00	2.55	133.41	3,920.74	-64.90	113.68	-61.72	0.44	0.07	10.17
4,113.00	2.59	152.05	4,109.56	-71.56	118.73	-68.23	0.44	0.02	9.86
4,302.00	2.77	146.77	4,298.35	-79.15	123.24	-75.70	0.16	0.10	-2.79
4,490.00	3.65	151.69	4,486.05	-88.22	128.56	-84.62	0.49	0.47	2.62
4,678.00	3.12	160.39	4,673.72	-98.31	133.12	-94.57	0.39	-0.28	4.63
4,866.00	2.29	160.57	4,861.51	-106.67	136.08	-102.85	0.44	-0.44	0.10
5,054.00	4.48	126.03	5,049.19	-114.53	143.27	-110.51	1.54	1.16	-18.37
5,243.00	4.97	127.00	5,237.55	-123.80	155.78	-119.43	0.26	0.26	0.51
5,432.00	4.40	119.17	5,425.92	-132.26	168.65	-127.53	0.45	-0.30	-4.14
5,620.00	4.88	131.92	5,613.31	-141.12	180.90	-136.04	0.60	0.26	6.78
5,809.00	4.84	118.30	5,801.63	-150.27	193.90	-144.83	0.61	-0.02	-7.21
6,000.00	4.13	124.45	5,992.05	-157.98	206.67	-152.18	0.45	-0.37	3.22
6,191.00	4.40	134.91	6,182.52	-167.05	217.53	-160.94	0.43	0.14	5.48
6,382.00	3.16	131.39	6,373.10	-175.70	226.67	-169.34	0.66	-0.65	-1.84
6,573.00	2.86	126.82	6,563.84	-182.04	234.43	-175.45	0.20	-0.16	-2.39
6,764.00	4.04	113.72	6,754.49	-187.60	244.40	-180.74	0.74	0.62	-8.86
6,955.00	3.30	107.31	6,945.10	-191.94	255.81	-184.76	0.44	-0.39	-3.36
7,147.00	4.57	111.79	7,136.64	-196.42	268.19	-188.90	0.68	0.66	2.33



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well W0PA State Com #1H
Project:	Eddy Co., NM (NAD 83)	TYD Reference:	KB=28' @ 3039.00usft (Patterson 575)
Site:	Pale Rider 8-5	MD Reference:	KB=28' @ 3039.00usft (Patterson 575)
Well:	W0PA State Com #1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
7,338.00	3.38	113.81	7,327.18	-201.52	280.41	-193.66	0.63	-0.62	1.06
7,529.00	2.29	124.27	7,517.95	-205.94	288.71	-197.85	0.63	-0.57	5.48
7,721.00	3.03	160.39	7,709.75	-212.88	293.59	-204.65	0.93	0.39	18.81
7,912.00	4.13	190.72	7,900.39	-224.40	294.00	-216.15	1.13	0.58	15.88
8,103.00	1.45	232.55	8,091.16	-232.63	290.80	-224.46	1.67	-1.40	21.90
8,294.00	1.10	302.69	8,282.13	-233.11	287.34	-225.04	0.78	-0.18	36.72
8,485.00	1.23	241.69	8,473.09	-233.09	283.99	-225.11	0.62	0.07	-31.94
8,676.00	1.14	142.82	8,664.07	-235.58	283.34	-227.62	0.94	-0.05	-51.76
8,724.00	1.45	142.47	8,712.06	-236.44	284.00	-228.46	0.65	0.65	-0.73
8,791.00	1.01	95.27	8,779.04	-237.16	285.10	-229.16	1.59	-0.66	-70.45
8,824.00	3.74	18.98	8,812.02	-236.17	285.74	-228.15	11.02	8.27	-231.18
8,887.00	8.92	10.98	8,874.61	-229.43	287.34	-221.36	8.32	8.22	-12.70
8,932.00	13.63	6.94	8,918.73	-220.74	288.65	-212.64	10.61	10.47	-8.98
8,981.00	17.41	5.53	8,965.94	-207.70	290.05	-199.57	7.75	7.71	-2.88
9,026.00	20.88	5.18	9,008.44	-193.01	291.42	-184.85	7.72	7.71	-0.78
9,077.00	23.60	6.50	9,055.64	-173.81	293.40	-165.60	5.42	5.33	2.59
9,125.00	27.56	6.50	9,098.93	-153.23	295.75	-144.95	8.25	8.25	0.00
9,163.00	32.04	5.62	9,131.90	-134.45	297.73	-126.13	11.85	11.79	-2.32
9,284.00	43.87	1.93	9,227.15	-60.33	302.30	-51.91	9.95	9.78	-3.05
9,331.00	53.67	0.35	9,258.09	-25.04	302.97	-16.61	21.00	20.85	-3.36
9,379.00	62.11	1.66	9,283.58	15.58	303.70	24.00	17.73	17.58	2.73
9,426.00	62.86	2.02	9,305.29	57.24	305.04	65.69	1.73	1.60	0.77
9,475.00	66.64	1.84	9,326.19	101.52	306.53	110.00	7.72	7.71	-0.37
9,522.00	72.26	2.46	9,342.68	145.48	308.19	153.99	12.02	11.96	1.32
9,570.00	77.32	3.16	9,355.27	191.73	310.46	200.28	10.64	10.54	1.46
9,617.00	81.01	2.10	9,364.10	237.84	312.57	246.42	8.16	7.85	-2.26
9,666.00	87.08	359.38	9,369.19	286.54	313.20	295.13	13.56	12.39	-5.55
9,762.00	91.25	358.59	9,370.58	382.49	311.50	391.00	4.42	4.34	-0.82
9,858.00	89.76	359.47	9,369.74	478.47	309.87	486.89	1.80	-1.55	0.92
9,953.00	89.45	357.80	9,370.39	573.44	307.61	581.76	1.79	-0.33	-1.76
10,049.00	88.57	357.01	9,372.05	669.32	303.26	677.49	1.23	-0.92	-0.82
10,144.00	89.36	356.48	9,373.77	764.15	297.87	772.13	1.00	0.83	-0.56
10,240.00	88.75	356.13	9,375.35	859.94	291.68	867.71	0.73	-0.64	-0.36
10,335.00	90.64	356.92	9,375.86	954.76	285.93	962.33	2.16	1.99	0.83
10,431.00	94.02	357.97	9,371.96	1,050.57	281.65	1,057.99	3.69	3.52	1.09
10,527.00	94.24	359.47	9,365.04	1,146.29	279.51	1,153.61	1.58	0.23	1.56
10,623.00	92.44	1.31	9,359.45	1,242.12	280.17	1,249.42	2.68	-1.88	1.92
10,719.00	89.41	2.10	9,357.90	1,338.05	283.02	1,345.40	3.26	-3.16	0.82
10,815.00	87.43	2.72	9,360.54	1,433.93	287.06	1,441.35	2.16	-2.06	0.65
10,910.00	90.51	5.97	9,362.25	1,528.61	294.25	1,536.20	4.71	3.24	3.42
11,006.00	90.15	4.30	9,361.70	1,624.22	302.84	1,632.01	1.78	-0.38	-1.74
11,102.00	89.85	2.63	9,361.70	1,720.04	308.65	1,727.95	1.77	-0.31	-1.74
11,197.00	90.20	1.05	9,361.66	1,814.99	311.70	1,822.95	1.70	0.37	-1.66
11,293.00	89.58	2.28	9,361.84	1,910.95	314.48	1,918.95	1.43	-0.65	1.28



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well W0PA State Com #1H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28' @ 3039.00usft (Patterson 575)
Site:	Pale Rider 8-5	MD Reference:	KB=28' @ 3039.00usft (Patterson 575)
Well:	W0PA State Com #1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
11,388.00	85.85	359.91	9,365.63	2,005.83	316.30	2,013.84	4.65	-3.93	-2.49
11,484.00	88.04	0.08	9,370.75	2,101.69	316.29	2,109.66	2.29	2.28	0.18
11,579.00	88.31	357.89	9,373.77	2,196.62	314.61	2,204.51	2.32	0.28	-2.31
11,675.00	88.53	2.98	9,376.42	2,292.55	315.34	2,300.42	5.31	0.23	5.30
11,771.00	91.43	1.84	9,376.45	2,388.45	319.38	2,396.40	3.25	3.02	-1.19
11,866.00	88.18	359.29	9,376.78	2,483.43	320.31	2,491.37	4.35	-3.42	-2.68
11,962.00	89.63	3.42	9,378.61	2,579.36	322.58	2,587.32	4.56	1.51	4.30
12,057.00	90.29	5.97	9,378.68	2,674.03	330.36	2,682.18	2.77	0.69	2.68
12,170.00	91.25	11.86	9,377.16	2,785.61	347.86	2,794.19	5.28	0.85	5.21
12,266.00	92.31	5.97	9,374.17	2,880.36	362.72	2,889.32	6.23	1.10	-6.14
12,361.00	91.30	359.12	9,371.18	2,975.16	366.94	2,984.20	7.28	-1.06	-7.21
12,456.00	89.10	353.84	9,370.85	3,069.94	361.10	3,078.79	6.02	-2.32	-5.56
12,552.00	89.32	353.58	9,372.17	3,165.35	350.59	3,173.87	0.35	0.23	-0.27
12,647.00	89.01	353.84	9,373.56	3,259.77	340.18	3,267.96	0.43	-0.33	0.27
12,742.00	89.05	354.28	9,375.16	3,354.25	330.35	3,362.13	0.47	0.04	0.46
12,838.00	88.88	356.57	9,376.90	3,449.92	322.70	3,457.55	2.39	-0.18	2.39
12,934.00	88.84	356.04	9,378.81	3,545.70	316.51	3,553.12	0.55	-0.04	-0.55
13,029.00	90.15	359.64	9,379.65	3,640.61	312.93	3,647.90	4.03	1.38	3.79
13,124.00	89.19	357.62	9,380.19	3,735.58	310.66	3,742.76	2.35	-1.01	-2.13
13,220.00	88.84	357.80	9,381.84	3,831.49	306.82	3,838.53	0.41	-0.36	0.19
13,316.00	88.57	357.71	9,384.01	3,927.39	303.06	3,934.29	0.30	-0.28	-0.09
13,411.00	88.79	357.89	9,386.20	4,022.29	299.42	4,029.06	0.30	0.23	0.19
13,507.00	87.34	356.48	9,389.44	4,118.12	294.71	4,124.71	2.11	-1.51	-1.47
13,603.00	85.19	354.55	9,395.70	4,213.61	287.22	4,219.96	3.01	-2.24	-2.01
13,699.00	89.05	1.23	9,400.52	4,309.35	283.70	4,315.57	8.03	4.02	6.96
13,794.00	90.29	3.69	9,401.07	4,404.25	287.78	4,410.55	2.90	1.31	2.59
13,890.00	90.07	2.54	9,400.77	4,500.11	292.99	4,506.51	1.22	-0.23	-1.20
13,985.00	90.33	0.70	9,400.44	4,595.07	295.68	4,601.51	1.96	0.27	-1.94
14,081.00	90.29	1.40	9,399.92	4,691.05	297.44	4,697.50	0.73	-0.04	0.73
14,176.00	90.55	1.23	9,399.22	4,786.02	299.62	4,792.50	0.33	0.27	-0.18
14,272.00	90.24	1.05	9,398.56	4,882.00	301.53	4,888.49	0.37	-0.32	-0.19
14,367.00	90.02	0.61	9,398.35	4,976.99	302.91	4,983.48	0.52	-0.23	-0.46
14,463.00	90.24	1.58	9,398.13	5,072.97	304.74	5,079.48	1.04	0.23	1.01
14,558.00	90.37	1.58	9,397.62	5,167.93	307.36	5,174.48	0.14	0.14	0.00
14,654.00	90.46	1.58	9,396.93	5,263.89	310.01	5,270.47	0.09	0.09	0.00
14,750.00	90.20	1.49	9,396.37	5,359.86	312.58	5,366.47	0.29	-0.27	-0.09
14,845.00	89.85	358.94	9,396.33	5,454.85	312.93	5,461.44	2.71	-0.37	-2.68
14,941.00	90.15	356.92	9,396.33	5,550.78	309.47	5,557.23	2.13	0.31	-2.10
15,037.00	90.07	358.85	9,396.15	5,646.71	305.92	5,653.03	2.01	-0.08	2.01
15,132.00	89.54	358.06	9,396.47	5,741.68	303.36	5,747.89	1.00	-0.56	-0.83
15,228.00	90.24	357.62	9,396.66	5,837.61	299.74	5,843.68	0.86	0.73	-0.46
15,323.00	90.33	358.41	9,396.18	5,932.55	296.45	5,938.49	0.84	0.09	0.83
15,419.00	90.95	359.82	9,395.11	6,028.53	294.97	6,034.39	1.60	0.65	1.47



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well W0PA State Com #1H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28' @ 3039.00usft (Patterson 575)
Site:	Pale Rider 8-5	MD Reference:	KB=28' @ 3039.00usft (Patterson 575)
Well:	W0PA State Com #1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Bulld Rate (°/100usft)	Turn Rate (°/100usft)	
15,515.00	90.73	359.47	9,393.70	6,124.51	294.38	6,130.33	0.43	-0.23	-0.36	
15,610.00	89.98	358.85	9,393.11	6,219.50	292.98	6,225.24	1.02	-0.79	-0.65	
15,705.00	90.07	358.32	9,393.07	6,314.47	290.64	6,320.11	0.57	0.09	-0.56	
15,800.00	90.29	359.82	9,392.77	6,409.46	289.10	6,415.01	1.60	0.23	1.58	
15,895.00	89.80	359.12	9,392.70	6,504.45	288.22	6,509.95	0.90	-0.52	-0.74	
15,990.00	89.23	359.20	9,393.50	6,599.44	286.83	6,604.86	0.61	-0.60	0.08	
16,086.00	89.36	358.76	9,394.69	6,695.41	285.12	6,700.75	0.48	0.14	-0.46	
16,182.00	89.27	358.68	9,395.83	6,791.38	282.97	6,796.62	0.13	-0.09	-0.08	
16,277.00	89.41	359.38	9,396.93	6,886.36	281.36	6,891.52	0.75	0.15	0.74	
16,372.00	89.58	359.56	9,397.76	6,981.36	280.49	6,986.45	0.26	0.18	0.19	
16,468.00	90.07	359.73	9,398.06	7,077.35	279.89	7,082.40	0.54	0.51	0.18	
16,563.00	89.98	359.73	9,398.02	7,172.35	279.44	7,177.35	0.09	-0.09	0.00	
16,659.00	89.23	358.68	9,398.68	7,268.34	278.11	7,273.26	1.34	-0.78	-1.09	
16,755.00	89.41	358.94	9,399.82	7,364.31	276.12	7,369.14	0.33	0.19	0.27	
16,850.00	89.58	359.99	9,400.65	7,459.30	275.23	7,464.07	1.12	0.18	1.11	
16,946.00	89.27	359.20	9,401.62	7,555.29	274.55	7,560.00	0.88	-0.32	-0.82	
17,042.00	89.85	358.32	9,402.36	7,651.27	272.47	7,655.88	1.10	0.60	-0.92	
17,137.00	89.76	359.20	9,402.68	7,746.24	270.42	7,750.76	0.93	-0.09	0.93	
17,233.00	90.24	358.94	9,402.68	7,842.23	268.86	7,846.67	0.57	0.50	-0.27	
17,329.00	89.98	358.68	9,402.49	7,938.21	266.87	7,942.56	0.38	-0.27	-0.27	
17,423.00	89.54	358.24	9,402.89	8,032.17	264.34	8,036.42	0.66	-0.47	-0.47	
17,519.00	90.73	359.64	9,402.66	8,128.15	262.56	8,132.31	1.91	1.24	1.46	
17,614.00	91.82	2.10	9,400.55	8,223.11	264.01	8,227.27	2.83	1.15	2.59	
17,710.00	90.24	0.79	9,398.82	8,319.06	266.43	8,323.25	2.14	-1.65	-1.36	
17,805.00	90.37	0.96	9,398.32	8,414.05	267.88	8,418.24	0.23	0.14	0.18	
17,900.00	90.55	0.61	9,397.55	8,509.03	269.18	8,513.23	0.41	0.19	-0.37	
17,996.00	90.42	1.14	9,396.74	8,605.02	270.64	8,609.22	0.57	-0.14	0.55	
18,092.00	90.33	1.23	9,396.11	8,701.00	272.63	8,705.21	0.13	-0.09	0.09	
18,187.00	90.29	359.91	9,395.60	8,795.99	273.57	8,800.19	1.39	-0.04	-1.39	
18,283.00	90.11	0.61	9,395.26	8,891.99	274.01	8,896.17	0.75	-0.19	0.73	
18,379.00	89.05	358.94	9,395.97	8,987.98	273.63	8,992.11	2.06	-1.10	-1.74	
18,474.00	90.64	0.79	9,396.22	9,082.97	273.41	9,087.06	2.57	1.67	1.95	
18,570.00	89.36	0.70	9,396.22	9,178.96	274.66	9,183.05	1.34	-1.33	-0.09	
18,665.00	90.11	359.99	9,396.66	9,273.96	275.23	9,278.02	1.09	0.79	-0.75	
18,761.00	90.46	2.63	9,396.19	9,369.92	277.42	9,374.01	2.77	0.36	2.75	
18,857.00	89.49	0.79	9,396.23	9,465.87	280.29	9,470.01	2.17	-1.01	-1.92	
18,952.00	89.67	359.99	9,396.92	9,560.87	280.94	9,564.98	0.86	0.19	-0.84	
19,048.00	89.23	359.38	9,397.85	9,656.86	280.41	9,660.92	0.78	-0.46	-0.64	
19,143.00	89.05	359.73	9,399.27	9,751.85	279.67	9,755.85	0.41	-0.19	0.37	
19,239.00	89.89	0.79	9,400.16	9,847.84	280.11	9,851.82	1.41	0.88	1.10	
19,290.00	89.80	0.61	9,400.30	9,898.84	280.73	9,902.81	0.39	-0.18	-0.35	
19,335.00	89.71	0.70	9,400.49	9,943.83	281.24	9,947.81	0.28	-0.20	0.20	
19,390.00	89.76	0.70	9,400.74	9,998.83	281.91	10,002.80	0.09	0.09	0.00	



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well W0PA State Com #1H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28' @ 3039.00usft (Patterson 575)
Site:	Pale Rider 8-5	MD Reference:	KB=28' @ 3039.00usft (Patterson 575)
Well:	W0PA State Com #1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
Last MWD Survey									
19,422.00	89.76	0.70	9,400.88	10,030.82	282.31	10,034.80	0.00	0.00	0.00
PTB @ 19422'									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
545.00	544.94	-4.77	3.42	First MWD Survey
19,390.00	9,400.74	9,998.83	281.91	Last MWD Survey
19,422.00	9,400.88	10,030.82	282.31	PTB @ 19422'

Checked By: _____ Approved By: _____ Date: _____



ALTITUDE ENERGY PARTNERS LLC. SURVEY DATA CERTIFICATION

ALTITUDE JOB NUMBER	AEP-20124	OPERATOR	Mewbourne Oil Company
WELL NAME	Pale Rider 8-5-W0PA State Com 001H	COUNTY & STATE	Eddy Co, NM
API WELL NUMBER	30-015-46921	PROPOSED DIRECTION	1.59
Latitude	32.138073	Longitude	-104.105190

TIE-IN DATA						
MEASURED	VERTICAL			N-S	E-W	DATA
DEPTH	DEPTH	INCLIN	AZIMUTH	COORD	COORD	SOURCE
396	395.98	1.15	141.53	-1.51	1.75	Gyro
FIRST	FIRST				SURVEY INSTRUMENT	
SURVEY	SURVEY				TYPE	
DATE	DEPTH	INCLIN	AZIMUTH		MWD	
9/22/2020	545	1.71	160.39	MAGNETIC DECLINATION OR TOTAL GRID		
LAST	LAST			TOTAL CORRECTION USED		6.85
SURVEY	SURVEY			DECLINATION OR GRID		Grid
DATE	DEPTH	INCLIN	AZIMUTH			
10/09/2020	19390	89.76	0.70			
PROJECTED	PROJECTED					
TD SURVEY	TD SURVEY					
DATE	DEPTH	INCLIN	AZIMUTH			
10/09/2020	19422	89.76	0.70			
The data and calculations for this survey have been checked by me and conform to the calibration standards and operational procedures set forth by Altitude Energy Partners LLC. I am authorized and qualified to review the data, calculations and this report, and that the report represents a true and correct Directional Survey of this well based on the original data corrected to True North and obtained at the well site. Wellbore coordinates are calculated using Minimum curvature or other method.				Hayden Traxler		
				PRINT MWD NAME ABOVE		
				Hayden Traxler		
				SIGN MWD NAME ABOVE		
				10/09/2020		
				TODAY'S DATE		

Hayden Traxler

PRINT MWD NAME ABOVE

Hayden Traxler

SIGN MWD NAME ABOVE

10/09/2020

TODAY'S DATE

7197 Derrick Dr.

Casper, WY 82604

307-237-2372

Intent ☐ As Drilled ☒

API # 30-015-46921		
Operator Name: Mewbourne Oil Co.	Property Name: Pale Rider 8/5 W0PA State Com	Well Number 1H

Kick Off Point (KOP)

UL P	Section 8	Township 25S	Range 28E	Lot	Feet 23	From N/S S	Feet 1015	From E/W E	County EDDY
Latitude 32.1374192					Longitude -104.1042705				NAD 83

First Take Point (FTP)

UL P	Section 8	Township 25S	Range 28E	Lot	Feet 336	From N/S S	Feet 994	From E/W E	County EDDY
Latitude 32.1382780					Longitude -104.1042020				NAD 83

Last Take Point (LTP)

UL A	Section 5	Township 25S	Range 28E	Lot	Feet 330	From N/S N	Feet 990	From E/W E	County EDDY
Latitude 32.1656450					Longitude -104.1042090				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☐ NIs this well an infill well? ☐ Y

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API # 30-015-46916		
Operator Name: MEWBOURNE OIL CO.	Property Name: Pale Rider 8/5 W10B State Com	Well Number 1H

KZ 06/29/2018

Submit 1 Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-015-46921
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Pale Rider 8/5 W0PA St Com
8. Well Number 1H
9. OGRID Number 14744
10. Pool name or Wildcat Purple Sage; Wolfcamp (Gas)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3011' GL

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
Mewbourne Oil Company

3. Address of Operator
PO Box 5270, Hobbs NM 88241

4. Well Location

Unit Letter P : 260 feet from the South line and 1300 feet from the East line
 Section 8 Township 25S Range 28E NMPM Eddy County

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐
 OTHER: Completion Sundry ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

02/23/2021 Frac Horizontal Wolfcamp from 9446' MD to 19369' MD w/25,919,208 gals SW, carrying 24,842,339# local 100 mesh sand. Flowback well for cleanup.

02/28/2021 Drill out frac plugs to PBTD @ 19384'

03/10/2021 RIH w/3 1/2" 9.3# L80 IPC tbg & GLVs to 8695'

03/15/2021 Put well on production.

Formation Top Bottom Descriptions, Contents, etc.

Name Top Wolfcamp 9270' - 19422' WATER, OIL & GAS

Castile 928', Base of salt 2255', Delaware Lamar 2475', Bell Canyon 2507', Cherry Canyon 3345', Manzanita Marker 3506', Brushy Canyon 4539', Bone Spring 6141', 1st Bone Spring 7042', 2nd Bone Spring 7893', 3rd Bone Spring 8901', Wolfcamp 9270'.

Spud Date: 09/22/2020

Rig Release Date: 10/14/2020

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Jackie Lathan TITLE Regulatory DATE 04/20/2021

Type or print name Jackie Lathan E-mail address: jlathan@mewbourne.com PHONE: 575-393-5905

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017													
1. WELL API NO. 30-015-46921							2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN											
3. State Oil & Gas Lease No.							5. Lease Name or Unit Agreement Name Pale Rider 8/5 WOPA State Com											
WELL COMPLETION OR RECOMPLETION REPORT AND LOG							6. Well Number: 1H											
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)							7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER											
8. Name of Operator Mewbourne Oil Company				9. OGRID 14744														
10. Address of Operator PO Box 5270 Hobbs, NM 88240				11. Pool name or Wildcat Purple Sage; Wolfcamp (Gas) 98220														
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County								
Surface:	P	8	25S	28E		260	South	1360	East	Eddy								
BH:	A	5	25S	28E		317	North	986	East	Eddy								
13. Date Spudded 09/22/2020		14. Date T.D. Reached 10/09/2020		15. Date Rig Released 10/14/2020		16. Date Completed (Ready to Produce) 03/15/2021		17. Elevations (DF and RKB, RT, GR, etc.) 3011' GL										
18. Total Measured Depth of Well 19422'			19. Plug Back Measured Depth 19384'		20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run GR											
22. Producing Interval(s), of this completion - Top, Bottom, Name 9446' MD - 19369' MD Wolfcamp																		
23. CASING RECORD (Report all strings set in well)																		
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED								
13 3/8"		54.5		460'		17 1/2"		520		0								
9 5/8"		40#		2435'		12 1/4"		550		0								
7"		29#		9195'		8 3/4"		780		0								
24. LINER RECORD						25. TUBING RECORD												
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET											
4 1/2"	8744'	19422	750		3 1/2"	8696'	8681'											
26. Perforation record (interval, size, and number) 9446' - 19369' (79 stages, 0.39" EHD, 2844 holes)					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>9446' - 19369'</td> <td>25,919,208 gals SW carrying 24,842,339# Local 100 Mesh sand.</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>						DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	9446' - 19369'	25,919,208 gals SW carrying 24,842,339# Local 100 Mesh sand.				
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9446' - 19369'	25,919,208 gals SW carrying 24,842,339# Local 100 Mesh sand.																	
28. PRODUCTION																		
Date First Production 03/15/2021		Production Method (Flowing, gas lift, pumping - Size and type pump) Gas Lift				Well Status (Prod. or Shut-in) Producing												
Date of Test 03/22/2021	Hours Tested 24 hrs	Choke Size 32/64	Prod'n For Test Period	Oil - Bbl 775	Gas - MCF 1592	Water - Bbl. 3380	Gas - Oil Ratio 2054											
Flow Tubing Press. 2085	Casing Pressure 1735	Calculated 24-Hour Rate	Oil - Bbl. 775	Gas - MCF 1592	Water - Bbl. 3380	Oil Gravity - API - (Corr.)												
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold							30. Test Witnessed By Robin Terrell											
31. List Attachments CT04, Deviation Survey, completion sundry, Directional Survey, Gyro log, Final C-102																		
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date: 10/14/2020											
34. If an on-site burial was used at the well, report the exact location of the on-site burial Latitude Longitude NAD83																		
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief																		
Printed Name: Jackie Lathan Title: Regulatory E-mail Address: jlathan@mewbourne.com			Signature:  Date: 04/15/2021															

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Bell Canyon 2507'	T. Ojo Alamo	T. Penn A"
T. Salt	T. Brushy Canyon 4539'	T. Kirtland	T. Penn. "B"
B. Salt 2255'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Manzanita Marker 3506'	Base Greenhorn	T. Granite
T. Blinebry	T. Delaware Lamar 2475	T. Dakota	
T. Tubb	T. Bone Spring 6141'	T. Morrison	
T. Drinkard	T. 1 st Bone Springs 7042'	T. Todilto	
T. Abo	T. 2 nd Bone Spring 7893'	T. Entrada	
T. Wolfcamp 9270'	T. 3 rd Bone Spring 8901'	T. Wingate	
T. Penn	T. Castile 928'	T. Chinle	
T. Cisco (Bough C)	T. Cherry Canyon 3345'	T. Permian	

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD				(Attach additional sheet if necessary)			
From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology

Mewbourne Oil Company

Well Name: Pale Rider 8/5 W0PA St Com #1H

Updated by: Landon Stallings

Spud Date: 9/22/2020

Date Updated: 4/20/2021

Surface

17 1/2" x 13 3/4" 54.5# J55
Set @ 455'
Cmt w/ 520 sx
Circ. 167 sx to pit

Intermediate

12 3/4" x 9 3/4" 40# HCL80
Set @ 2435'
Cmt w/ 550 sx
Circ. 80 sx to pit

Production

8 3/4" x 7" 29# HCP110
Set @ 9195'
Cmt w/ 780 sx
Circ. 0 sx to pit

Liner

6 1/8" x 4 1/2" 13.5# HCP110
Set @ 8744' - 19,422'
TOC @ 8744'

TBG Detail:

1	2 7/8" Sub w/collar	6.00'
1	2 3/4" x 7" AS 1X Pkr	9.25'
1	2 3/4" SN w/collar	1.10'
1	2 3/8" x 3 1/2" X/O	.50'
1	3 1/2" 9.3# L80 IPC tbg	32.63'
1	3 1/2" L80 IPC GLV #1	4.10'
19	3 1/2" 9.3# L80 IPC tbg	621.05'
1	3 1/2" L80 IPC GLV #2	4.10'
20	3 1/2" 9.3# L80 IPC tbg	645.80'
1	3 1/2" L80 IPC GLV #3	4.10'
20	3 1/2" 9.3# L80 IPC tbg	653.24'
1	3 1/2" L80 IPC GLV #4	4.10'
19	3 1/2" 9.3# L80 IPC tbg	614.29'
1	3 1/2" L80 IPC GLV #5	4.10'
20	3 1/2" 9.3# L80 IPC tbg	653.42'
1	3 1/2" L80 IPC GLV #6	4.10'
20	3 1/2" 9.3# L80 IPC tbg	653.24'
1	3 1/2" L80 IPC GLV #7	4.10'
20	3 1/2" 9.3# L80 IPC tbg	650.55'
1	3 1/2" L80 IPC GLV #8	4.10'
20	3 1/2" 9.3# L80 IPC tbg	653.48'
1	3 1/2" L80 IPC GLV #9	4.10'
20	3 1/2" 9.3# L80 IPC tbg	653.72'
1	3 1/2" L80 IPC GLV #10	4.10'
30	3 1/2" 9.3# L80 IPC tbg	980.39'
1	3 1/2" L80 IPC GLV #11	4.10'
54	3 1/2" 9.3# L80 IPC tbg	1760.99'
2	3 1/2" 9.3# L80 IPC sub (8', 2')	10.00'
1	3 1/2" 9.3# L80 IPC tbg	32.65'
Total tbg		8667.40'
KB Correction		28.50'
Tbg set @		8695.90'

KOP @ 8791'

Dev @ KOP: 1.01°

TVD @ 9400'

TD 6 1/8" hole @ 19,422'

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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 25286

ACKNOWLEDGMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 25286
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☐	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☐	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
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CONDITIONS

Action 25286

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 25286
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	7/12/2021