

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Mewbourne Oil Company PO Box 5270 Hobbs, NM 88241				² OGRID Number 14744	
⁴ API Number 30 - 015 - 48732		⁵ Pool Name Purple Sage; Wolfcamp (Gas)		⁶ Pool Code 98220	
⁷ Property Code 331216		⁸ Property Name Boondock 3 W1OB State Com			

II. ¹⁰ Surface Location

UL or lot no. P	Section 3	Township 25S	Range 28E	Lot Idn	Feet from the South	North/South Line South	Feet from the East	East/West line East	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. B	Section 3	Township 25S	Range 28E	Lot Idn	Feet from the North	North/South line North	Feet from the East	East/West line East	County Eddy
¹² Lse Code F	¹³ Producing Method Flowing	¹⁴ Gas Connection Date 04/05/2022	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 Oryx 4000 N Big Spring Suite 400 Midland, TX 79705				²⁰ O/G/W
329971					O
371960	Lucid Energy Group 3100 McKinnon Suite 800 Dallas, TX 75201				G

IV. Well Completion Data

²¹ Spud Date 01/26/2022	²² Ready Date 04/05/2022	²³ TD 14610' MD	²⁴ PBTD 14571'	²⁵ Perforations 10413' - 14560'	²⁶ DHC, MC NA
²⁷ Hole Size	²⁸ Casing & Tubing Size		²⁹ Depth Set		
17 ½"	13 ¾" 54.5# J55		476'		
12 ¼"	9 ⅝" 40# HCL80		2476'		
8 ¾"	7" 29# HCIP-110		10029'		
6 ⅝"	4 ½" 13.5# HCPI10 2 ⅞" 6.5# L80 IPC		9261' - 14607' 9194'		

V. Well Test Data

³¹ Date New Oil 04/05/2022	³² Gas Delivery Date 04/05/2022	³³ Test Date 05/10/2022	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 315	³⁶ Csg. Pressure 190
³⁷ Choke Size NA	³⁸ Oil 434	³⁹ Water 2197	⁴⁰ Gas 1964	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: 	OIL CONSERVATION DIVISION				
Printed name: Jackie Lathan	Approved by:				
Title: Regulatory	Title:				
E-mail Address: jlathan@mewbourne.com	Approval Date:				
Date: 05/13/2022	Phone: 575-393-5905				

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

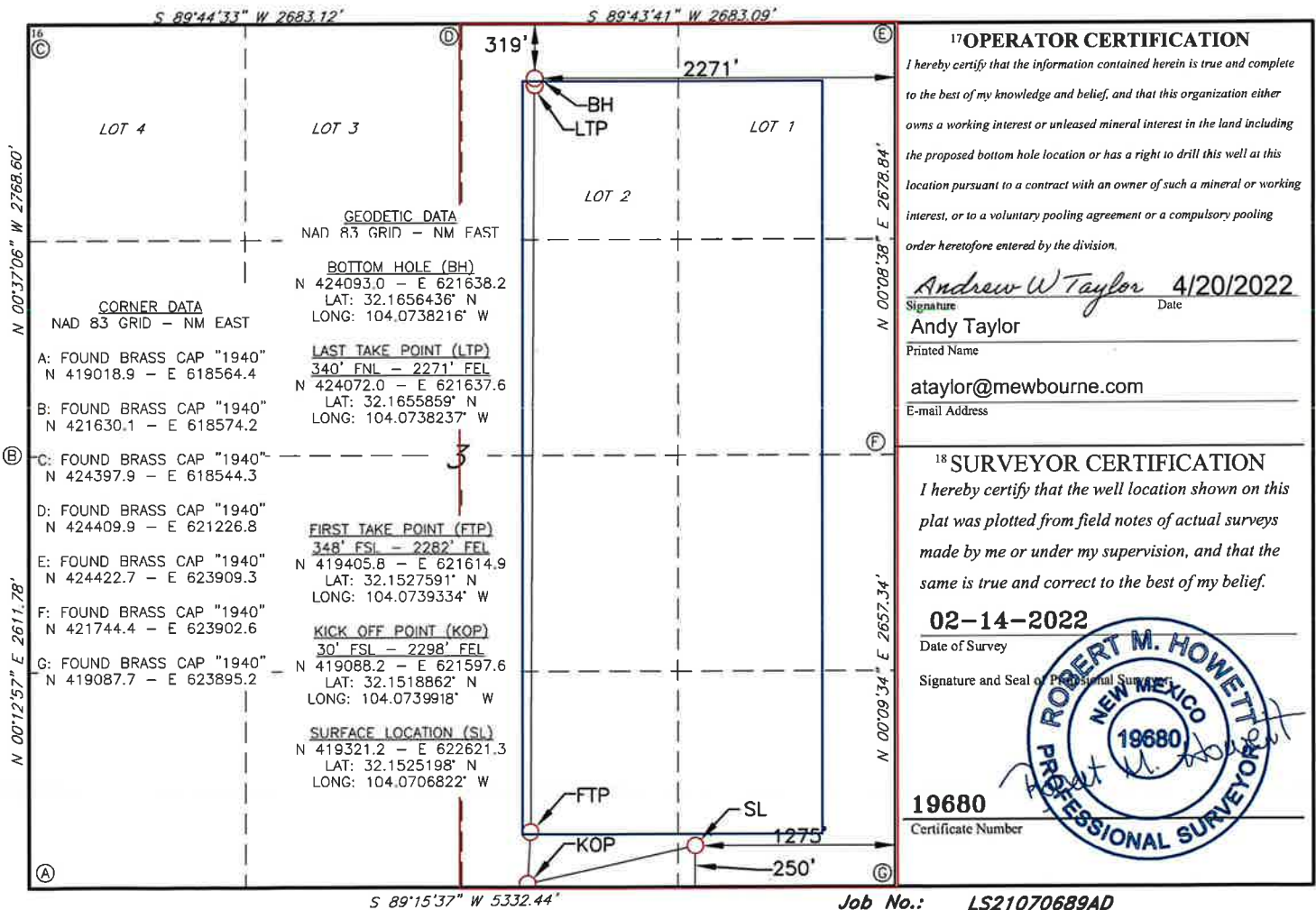
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT
AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-48732		² Pool Code 98220		³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)					
⁴ Property Code 331216		⁵ Property Name BOONDOCK 3 W10B STATE COM						⁶ Well Number 2H	
⁷ GRID NO. 14744		⁸ Operator Name MEWBOURNE OIL COMPANY						⁹ Elevation 2985'	
¹⁰ Surface Location									
UL or lot no. P	Section 3	Township 25S	Range 28E	Lot Idn	Feet from the 250	North/South line SOUTH	Feet from the 1275	East/West line EAST	County EDDY
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. 2	Section 3	Township 25S	Range 28E	Lot Idn	Feet from the 319	North/South line NORTH	Feet from the 2271	East/West line EAST	County EDDY
¹² Dedicated Acres 320		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.





Company: Mewbourne Oil Company
Well: Boondock 3 W10B State Com 2H
County: Eddy County, New Mexico (NAD 83)
Rig: Patterson 245
Wellbore: Wellbore #1
Design: Design #1
Date: 9:48, February 14 2022

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

To convert a Magnetic Direction to a Grid Direction, Add 6.610°
To convert a Magnetic Direction to a True Direction, Add 6.750° East
To convert a True Direction to a Grid Direction, Subtract 0.140°

SURVEY PROGRAM

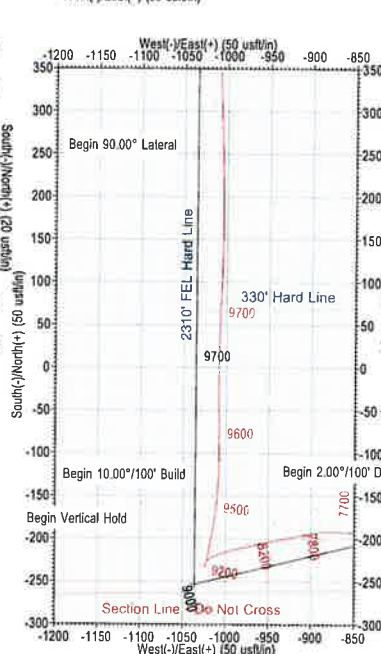
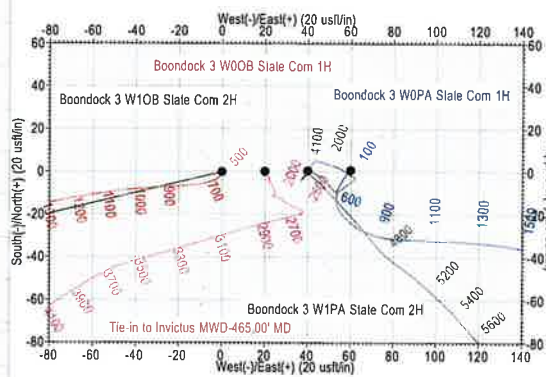
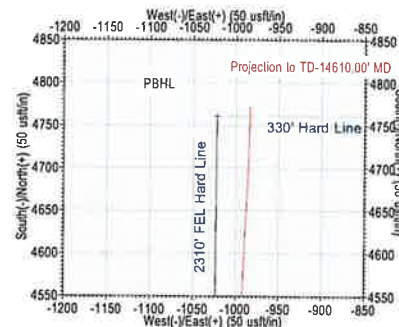
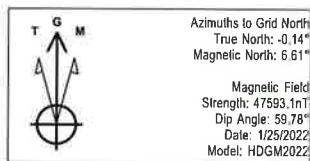
Depth From	Depth To	Survey/Plan	Tool
0.00	14624.54	Design #1 (Wellbore #1)	MWD+HRGM

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
BHL	9788.00	4760.60	-1022.30	424081.80	621599.00	32° 9' 56.207 N	104° 4' 26.214 W
KOP	9788.00	-253.31	-1036.16	419067.89	621585.14	32° 9' 6.590 N	104° 4' 26.516 W

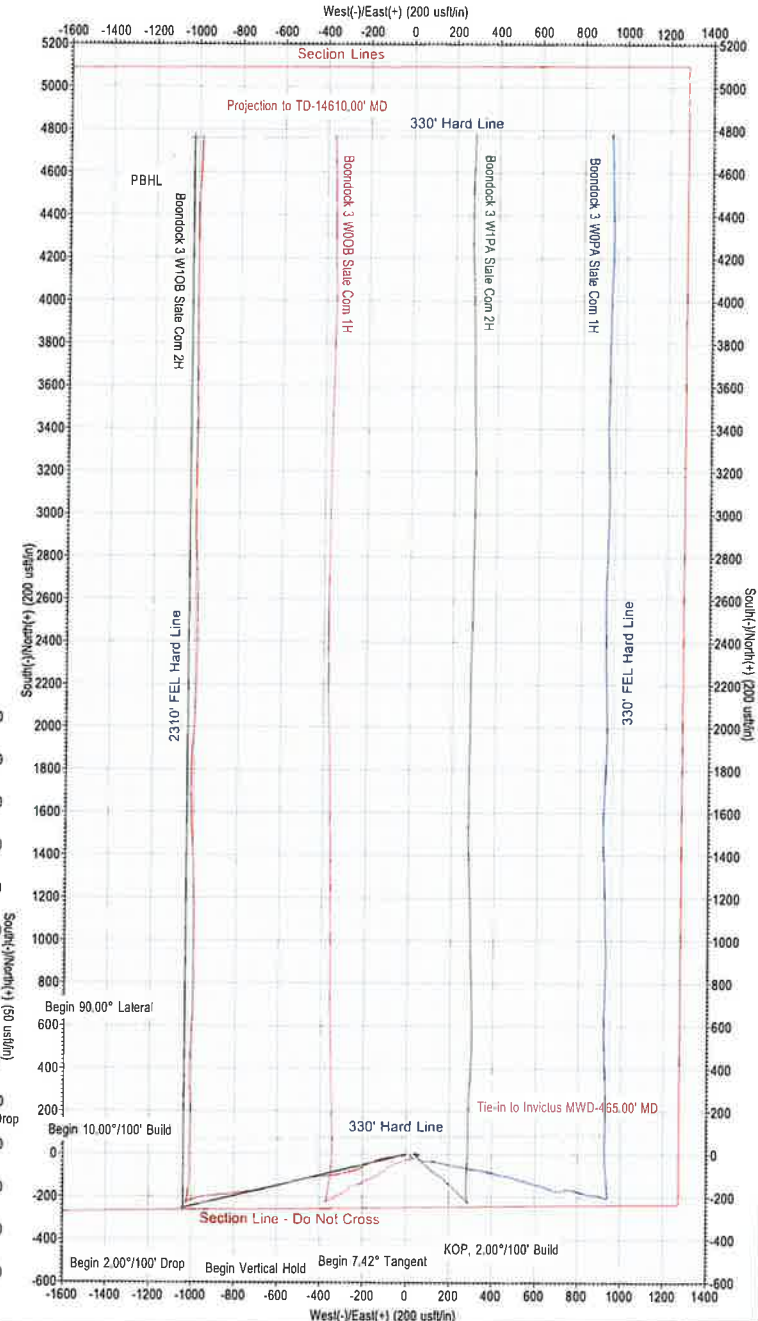
ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	KOP, 2.00°/100' Build
970.93	7.42	256.26	969.89	-5.69	-23.29	-0.68	23.98	Begin 7.42° Tangent
9009.39	7.42	256.26	8941.06	-252.17	-1031.51	-29.98	1061.88	Begin 2.00°/100' Drop
9063.57	0.00	0.00	9015.04	-253.31	-1036.16	-30.12	1066.68	Begin Vertical Hold
9283.57	0.00	0.00	9215.04	-253.31	-1036.16	-30.12	1066.68	Begin 10.00°/100' Build
10163.57	90.00	0.16	9788.00	319.64	-1034.58	529.73	1639.64	Begin 90.00° Lateral
14624.54	90.00	0.16	9788.00	4760.60	-1022.30	4869.12	6080.61	PBHL



WELL DETAILS: Boondock 3 W10B State Com 2H

+N/-S	+E/-W	GL @ 2985.00	Well @ 3013.00usf (Patterson 245)	Longitude
0.00	0.00	Northing 419321.20	Easting 622621.30	32° 9' 9.071 N 104° 4' 14.456 W





Mewbourne Oil Company

Eddy County, New Mexico (NAD 83)

Boondock 3 pad

Boondock 3 W10B State Com 2H

Wellbore #1

Design: Surveys

Standard Survey Report

14 February, 2022





MS Directional
Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Boondock 3 W1OB State Com 2H
Project:	Eddy County, New Mexico (NAD 83)	TVD Reference:	Well @ 3013.00usft (Patterson 245)
Site:	Boondock 3 pad	MD Reference:	Well @ 3013.00usft (Patterson 245)
Well:	Boondock 3 W1OB State Com 2H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	41-MSD-Controe-EDM5000

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

Site	Boondock 3 pad		
Site Position:		Northing:	419,322.00 usft
From:	Map	Easting:	622,681.30 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 9' 9.078 N
		Longitude:	104° 4' 13.758 W

Well	Boondock 3 W1OB State Com 2H		
Well Position		Northing:	419,321.20 usft
		Easting:	622,621.30 usft
		Latitude:	32° 9' 9.071 N
		Longitude:	104° 4' 14.456 W
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
Grid Convergence:	0.140 °	Ground Level:	2,985.00 usft

Wellbore	Wellbore #1		
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2022	1/25/2022	6.750	59.783	47,593.10

Design	Surveys		
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Audit Notes:			
Version:	1.0	Phase:	ACTUAL

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Tie On Depth:	
	0.00	0.00	0.00		0.00
				Direction (°)	347.88

Survey Program	Date	2/14/2022	
From (usft)	To (usft)	Survey (Wellbore)	Description
155.00	465.00	Invictus MWD (Wellbore #1)	MWD
531.00	14,610.00	Gordon MWD (Wellbore #1)	MWD+HRGM
			OWSG MWD - Standard
			OWSG MWD + HRGM

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
	155.00	0.30	303.61	155.00	0.22	-0.34	0.29	0.19	0.19	0.00
	345.00	0.50	281.61	344.99	0.67	-1.56	0.98	0.13	0.11	-11.58
	465.00	1.10	114.61	464.99	0.29	-1.03	0.50	1.33	0.50	-139.17
Final Invictus Survey-465.00' MD - Tie-In to Invictus MWD - 465.00' MD - Tie-In to Invictus MWD-465.00' MD										
	531.00	0.88	152.32	530.98	-0.42	-0.22	-0.36	1.02	-0.33	57.14
	655.00	2.02	228.52	654.95	-2.71	-1.41	-2.35	1.61	0.92	61.45
	779.00	4.60	255.67	778.74	-5.39	-7.87	-3.62	2.38	2.08	21.90
	875.00	6.42	266.99	874.29	-6.62	-16.96	-2.92	2.20	1.90	11.79



MS Directional Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Boondock 3 W1OB State Com 2H
Project:	Eddy County, New Mexico (NAD 83)	TVD Reference:	Well @ 3013.00usft (Patterson 245)
Site:	Boondock 3 pad	MD Reference:	Well @ 3013.00usft (Patterson 245)
Well:	Boondock 3 W1OB State Com 2H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	41-MSD-Controe-EDM5000

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)
970.00	8.31	266.90	968.50	-7.27	-29.12	-1.00	1.99	1.99	-0.09
1,064.00	8.72	263.86	1,061.47	-8.40	-42.99	0.81	0.65	0.44	-3.23
1,159.00	8.18	260.66	1,155.44	-10.27	-56.82	1.89	0.75	-0.57	-3.37
1,254.00	8.41	259.41	1,249.44	-12.65	-70.31	2.40	0.31	0.24	-1.32
1,349.00	7.85	257.10	1,343.49	-15.37	-83.47	2.50	0.68	-0.59	-2.43
1,444.00	7.55	256.39	1,437.63	-18.29	-95.86	2.25	0.33	-0.32	-0.75
1,539.00	6.85	256.85	1,531.88	-21.04	-107.44	1.98	0.74	-0.74	0.48
1,634.00	6.50	254.35	1,626.24	-23.78	-118.13	1.55	0.48	-0.37	-2.63
1,727.00	6.33	252.80	1,718.65	-26.72	-128.10	0.77	0.26	-0.18	-1.67
1,822.00	5.75	250.26	1,813.13	-29.88	-137.58	-0.32	0.67	-0.61	-2.67
1,915.00	5.00	253.66	1,905.72	-32.59	-145.86	-1.24	0.88	-0.81	3.66
2,010.00	5.40	248.06	2,000.33	-35.42	-153.98	-2.31	0.68	0.42	-5.89
2,105.00	6.22	245.00	2,094.84	-39.27	-162.79	-4.22	0.92	0.86	-3.22
2,199.00	6.67	244.07	2,188.24	-43.81	-172.31	-6.65	0.49	0.48	-0.99
2,293.00	6.64	242.46	2,281.61	-48.71	-182.04	-9.40	0.20	-0.03	-1.71
2,387.00	5.75	234.69	2,375.06	-53.94	-190.70	-12.70	1.30	-0.95	-8.27
2,420.00	5.50	235.64	2,407.90	-55.79	-193.36	-13.95	0.81	-0.76	2.88
2,500.00	4.64	233.87	2,487.59	-59.86	-199.14	-16.72	1.09	-1.08	-2.21
2,595.00	6.82	247.47	2,582.11	-64.29	-207.45	-19.30	2.69	2.29	14.32
2,690.00	7.53	249.53	2,676.37	-68.63	-218.49	-21.23	0.79	0.75	2.17
2,785.00	7.39	249.16	2,770.57	-72.98	-230.03	-23.06	0.16	-0.15	-0.39
2,880.00	8.35	253.86	2,864.67	-77.07	-242.37	-24.47	1.22	1.01	4.95
2,975.00	8.63	252.88	2,958.63	-81.09	-255.81	-25.57	0.33	0.29	-1.03
3,070.00	8.28	258.31	3,052.60	-84.57	-269.32	-26.14	0.92	-0.37	5.72
3,165.00	8.17	259.50	3,146.62	-87.19	-282.65	-25.90	0.21	-0.12	1.25
3,260.00	8.22	257.79	3,240.65	-89.85	-295.93	-25.72	0.26	0.05	-1.80
3,355.00	7.84	257.59	3,334.72	-92.68	-308.89	-25.76	0.40	-0.40	-0.21
3,449.00	6.78	255.94	3,427.95	-95.41	-320.54	-25.98	1.15	-1.13	-1.76
3,543.00	6.98	264.03	3,521.28	-97.35	-331.60	-25.56	1.05	0.21	8.61
3,638.00	7.62	264.91	3,615.51	-98.51	-343.62	-24.17	0.68	0.67	0.93
3,733.00	7.49	265.31	3,709.68	-99.57	-356.06	-22.60	0.15	-0.14	0.42
3,828.00	7.41	264.14	3,803.88	-100.71	-368.33	-21.13	0.18	-0.08	-1.23
3,923.00	7.09	263.23	3,898.12	-102.02	-380.24	-19.91	0.36	-0.34	-0.96
4,017.00	8.01	263.63	3,991.31	-103.43	-392.51	-18.72	0.98	0.98	0.43
4,112.00	7.98	262.74	4,085.38	-105.00	-405.63	-17.49	0.13	-0.03	-0.94
4,207.00	7.24	261.05	4,179.55	-106.77	-418.09	-16.60	0.81	-0.78	-1.78
4,301.00	8.11	264.23	4,272.70	-108.35	-430.54	-15.54	1.03	0.93	3.38
4,396.00	9.38	261.91	4,366.60	-110.12	-444.87	-14.26	1.39	1.34	-2.44
4,491.00	9.41	260.17	4,460.32	-112.53	-460.18	-13.40	0.30	0.03	-1.83
4,586.00	9.49	259.68	4,554.03	-115.26	-475.54	-12.85	0.12	0.08	-0.52
4,681.00	9.04	258.50	4,647.80	-118.15	-490.56	-12.52	0.51	-0.47	-1.24
4,775.00	8.16	254.73	4,740.74	-121.38	-504.23	-12.81	1.11	-0.94	-4.01
4,870.00	8.31	252.72	4,834.76	-125.20	-517.29	-13.80	0.34	0.16	-2.12



MS Directional Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Boondock 3 W1OB State Com 2H
Project:	Eddy County, New Mexico (NAD 83)	TVD Reference:	Well @ 3013.00usft (Patterson 245)
Site:	Boondock 3 pad	MD Reference:	Well @ 3013.00usft (Patterson 245)
Well:	Boondock 3 W1OB State Com 2H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	41-MSD-Conroe-EDM5000

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)
4,965.00	7.81	249.82	4,928.82	-129.46	-529.91	-15.32	0.68	-0.53	-3.05
5,060.00	7.13	247.76	5,023.01	-133.92	-541.42	-17.26	0.77	-0.72	-2.17
5,155.00	7.57	252.00	5,117.23	-138.09	-552.83	-18.94	0.73	0.46	4.46
5,250.00	8.17	251.10	5,211.34	-142.21	-565.17	-20.37	0.64	0.63	-0.95
5,345.00	8.87	257.80	5,305.29	-145.94	-578.71	-21.18	1.28	0.74	7.05
5,439.00	9.45	260.41	5,398.09	-148.76	-593.41	-20.85	0.76	0.62	2.78
5,534.00	8.84	258.76	5,491.89	-151.48	-608.26	-20.39	0.70	-0.64	-1.74
5,629.00	8.51	257.13	5,585.80	-154.47	-622.27	-20.37	0.43	-0.35	-1.72
5,724.00	8.22	255.65	5,679.79	-157.72	-635.70	-20.73	0.38	-0.31	-1.56
5,820.00	8.00	254.45	5,774.83	-161.21	-648.78	-21.40	0.29	-0.23	-1.25
5,914.00	7.15	252.74	5,868.01	-164.70	-660.67	-22.31	0.94	-0.90	-1.82
6,009.00	6.70	251.41	5,962.31	-168.22	-671.57	-23.47	0.50	-0.47	-1.40
6,104.00	7.10	260.57	6,056.63	-170.95	-682.62	-23.82	1.23	0.42	9.64
6,199.00	7.34	261.18	6,150.87	-172.84	-694.41	-23.19	0.27	0.25	0.64
6,294.00	6.38	260.70	6,245.19	-174.62	-705.61	-22.58	1.01	-1.01	-0.51
6,388.00	4.61	261.77	6,338.76	-176.01	-714.50	-22.07	1.89	-1.88	1.14
6,483.00	5.44	270.92	6,433.39	-176.48	-722.79	-20.79	1.21	0.87	9.63
6,577.00	5.77	268.48	6,526.94	-176.54	-731.96	-18.92	0.43	0.35	-2.60
6,672.00	4.81	270.47	6,621.54	-176.63	-740.72	-17.17	1.03	-1.01	2.09
6,767.00	5.85	255.62	6,716.13	-177.80	-749.39	-16.49	1.81	1.09	-15.63
6,862.00	6.71	260.20	6,810.56	-179.95	-759.55	-16.46	1.05	0.91	4.82
6,957.00	4.49	260.31	6,905.10	-181.52	-768.69	-16.08	2.34	-2.34	0.12
7,052.00	6.42	267.20	6,999.67	-182.40	-777.66	-15.06	2.14	2.03	7.25
7,146.00	7.30	262.63	7,092.99	-183.43	-788.83	-13.72	1.10	0.94	-4.86
7,242.00	8.72	257.64	7,188.06	-185.77	-801.99	-13.24	1.65	1.48	-5.20
7,336.00	10.08	261.09	7,280.79	-188.57	-817.08	-12.81	1.57	1.45	3.67
7,431.00	8.49	263.13	7,374.55	-190.69	-832.26	-11.70	1.71	-1.67	2.15
7,526.00	6.73	265.60	7,468.71	-191.96	-844.77	-10.31	1.88	-1.85	2.60
7,621.00	7.31	270.76	7,562.99	-192.31	-856.36	-8.22	0.90	0.61	5.43
7,716.00	7.42	272.25	7,657.21	-191.99	-868.54	-5.35	0.23	0.12	1.57
7,811.00	7.94	268.42	7,751.36	-191.93	-881.22	-2.63	0.77	0.55	-4.03
7,906.00	9.20	260.11	7,845.30	-193.41	-895.27	-1.13	1.86	1.33	-8.75
8,001.00	6.81	258.24	7,939.37	-195.86	-908.26	-0.80	2.53	-2.52	-1.97
8,096.00	8.31	259.40	8,033.54	-198.27	-920.53	-0.58	1.59	1.58	1.22
8,190.00	10.31	258.72	8,126.30	-201.17	-935.45	-0.28	2.13	2.13	-0.72
8,285.00	8.81	259.20	8,219.97	-204.20	-950.94	0.01	1.58	-1.58	0.51
8,380.00	7.62	257.16	8,314.00	-206.96	-964.23	0.10	1.29	-1.25	-2.15
8,475.00	6.61	256.72	8,408.26	-209.61	-975.69	-0.09	1.06	-1.06	-0.46
8,570.00	4.73	255.05	8,502.80	-211.88	-984.80	-0.39	1.99	-1.98	-1.76
8,665.00	5.35	257.83	8,597.43	-213.83	-992.91	-0.59	0.70	0.65	2.93
8,760.00	5.88	251.36	8,691.97	-216.31	-1,001.85	-1.14	0.87	0.56	-6.81
8,855.00	4.31	247.93	8,786.59	-219.21	-1,009.77	-2.31	1.68	-1.65	-3.61
8,950.00	3.22	245.54	8,881.39	-221.66	-1,015.51	-3.50	1.16	-1.15	-2.52
9,044.00	2.82	232.37	8,975.26	-224.16	-1,019.74	-5.06	0.85	-0.43	-14.01



MS Directional Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Boondock 3 W1OB State Com 2H
Project:	Eddy County, New Mexico (NAD 83)	TVD Reference:	Well @ 3013.00usft (Patterson 245)
Site:	Boondock 3 pad	MD Reference:	Well @ 3013.00usft (Patterson 245)
Well:	Boondock 3 W1OB State Com 2H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	41-MSD-Controe-EDM5000

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)
9,139.00	2.42	203.95	9,070.16	-227.42	-1,022.41	-7.69	1.41	-0.42	-29.92
9,217.00	2.65	192.93	9,148.09	-230.68	-1,023.48	-10.65	0.69	0.29	-14.13
9,263.00	2.51	189.45	9,194.04	-232.71	-1,023.88	-12.55	0.46	-0.30	-7.57
9,320.00	2.06	21.31	9,251.02	-232.99	-1,023.71	-12.86	7.98	-0.79	-294.98
9,357.00	6.52	12.97	9,287.91	-230.32	-1,023.00	-10.40	12.14	12.05	-22.54
9,404.00	10.98	11.16	9,334.35	-223.33	-1,021.53	-3.87	9.51	9.49	-3.85
9,452.00	16.01	10.61	9,381.01	-212.33	-1,019.43	6.44	10.48	10.48	-1.15
9,499.00	22.35	10.85	9,425.38	-197.17	-1,016.55	20.66	13.49	13.49	0.51
9,547.00	27.61	9.24	9,468.88	-177.21	-1,013.04	39.44	11.05	10.96	-3.35
9,594.00	33.34	5.76	9,509.37	-153.59	-1,010.00	61.89	12.75	12.19	-7.40
9,642.00	38.98	1.74	9,548.11	-125.35	-1,008.21	89.13	12.74	11.75	-8.38
9,689.00	45.06	359.62	9,583.02	-93.91	-1,007.87	119.80	13.28	12.94	-4.51
9,737.00	49.37	358.89	9,615.61	-58.69	-1,008.34	154.33	9.05	8.98	-1.52
9,787.00	54.27	359.98	9,646.51	-19.40	-1,008.71	192.82	9.95	9.80	2.18
9,832.00	58.44	0.99	9,671.44	18.05	-1,008.39	229.37	9.45	9.27	2.24
9,879.00	61.64	1.66	9,694.91	58.75	-1,007.44	268.96	6.92	6.81	1.43
9,927.00	64.74	2.86	9,716.55	101.55	-1,005.75	310.45	6.83	6.46	2.50
9,974.00	70.60	0.91	9,734.40	144.98	-1,004.33	352.62	13.04	12.47	-4.15
9,988.00	71.44	0.54	9,738.96	158.22	-1,004.17	365.53	6.50	6.00	-2.64
10,034.00	74.52	359.28	9,752.42	202.20	-1,004.24	408.54	7.19	6.70	-2.74
10,128.00	88.61	357.37	9,766.18	294.90	-1,006.98	499.75	15.12	14.99	-2.03
10,223.00	90.41	0.74	9,766.99	389.87	-1,008.55	592.93	4.02	1.89	3.55
10,317.00	85.33	1.45	9,770.48	483.76	-1,006.75	684.35	5.46	-5.40	0.76
10,412.00	92.06	5.13	9,772.64	578.50	-1,001.30	775.84	8.07	7.08	3.87
10,507.00	88.22	2.15	9,772.41	673.28	-995.27	867.24	5.12	-4.04	-3.14
10,602.00	88.53	359.73	9,775.11	768.22	-993.71	959.74	2.57	0.33	-2.55
10,696.00	88.89	0.17	9,777.22	862.20	-993.80	1,051.64	0.60	0.38	0.47
10,791.00	89.73	0.72	9,778.37	957.19	-993.06	1,144.36	1.06	0.88	0.58
10,886.00	86.20	358.13	9,781.74	1,052.10	-994.01	1,237.35	4.61	-3.72	-2.73
10,981.00	90.21	0.71	9,784.72	1,147.02	-994.97	1,330.36	5.02	4.22	2.72
11,062.00	88.39	358.62	9,785.88	1,242.00	-995.52	1,423.34	2.92	-1.92	-2.20
11,171.00	88.36	358.23	9,788.57	1,336.93	-998.13	1,516.70	0.41	-0.03	-0.41
11,266.00	86.23	356.69	9,793.05	1,431.72	-1,002.34	1,610.26	2.77	-2.24	-1.62
11,361.00	86.29	357.30	9,799.25	1,526.39	-1,007.31	1,703.86	0.64	0.06	0.64
11,456.00	90.46	358.93	9,801.94	1,621.28	-1,010.43	1,797.29	4.71	4.39	1.72
11,551.00	91.19	359.98	9,800.58	1,716.26	-1,011.33	1,890.34	1.35	0.77	1.11
11,645.00	89.03	359.60	9,800.40	1,810.25	-1,011.68	1,982.31	2.33	-2.30	-0.40
11,740.00	98.42	5.50	9,794.23	1,904.81	-1,007.49	2,073.89	11.66	9.88	6.21
11,819.00	94.14	3.46	9,785.59	1,983.08	-1,001.36	2,149.12	5.99	-5.42	-2.58
11,835.00	94.05	3.53	9,784.44	1,999.01	-1,000.39	2,164.49	0.71	-0.56	0.44
11,890.00	93.04	3.19	9,781.04	2,053.81	-997.17	2,217.39	1.94	-1.84	-0.62
11,969.00	91.28	2.09	9,778.06	2,132.66	-993.54	2,293.73	2.63	-2.23	-1.39
12,041.00	89.85	1.75	9,777.35	2,204.62	-991.13	2,363.57	2.04	-1.99	-0.47



MS Directional Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Boondock 3 W1OB State Com 2H
Project:	Eddy County, New Mexico (NAD 83)	TVD Reference:	Well @ 3013.00usft (Patterson 245)
Site:	Boondock 3 pad	MD Reference:	Well @ 3013.00usft (Patterson 245)
Well:	Boondock 3 W1OB State Com 2H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	41-MSD-Conroe-EDM5000

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)
12,120.00	88.59	0.95	9,778.43	2,283.58	-989.27	2,440.39	1.89	-1.59	-1.01
12,215.00	88.92	359.93	9,780.49	2,378.56	-988.54	2,533.09	1.13	0.35	-1.07
12,310.00	88.50	359.96	9,782.63	2,473.53	-988.63	2,625.97	0.44	-0.44	0.03
12,405.00	87.88	359.80	9,785.63	2,568.48	-988.83	2,718.85	0.67	-0.65	-0.17
12,500.00	89.26	359.92	9,788.00	2,663.45	-989.06	2,811.75	1.46	1.45	0.13
12,595.00	87.49	356.79	9,790.70	2,758.36	-991.78	2,905.11	3.78	-1.86	-3.29
12,690.00	87.32	356.88	9,795.00	2,853.12	-997.02	2,998.86	0.20	-0.18	0.09
12,785.00	89.29	359.09	9,797.81	2,948.01	-1,000.36	3,092.33	3.12	2.07	2.33
12,880.00	93.32	0.61	9,795.65	3,042.96	-1,000.61	3,185.22	4.53	4.24	1.60
12,975.00	93.02	0.50	9,790.39	3,137.81	-999.69	3,277.76	0.34	-0.32	-0.12
13,070.00	91.56	1.15	9,786.60	3,232.72	-998.32	3,370.27	1.68	-1.54	0.68
13,165.00	93.07	1.64	9,782.76	3,327.61	-996.01	3,462.56	1.67	1.59	0.52
13,260.00	91.02	0.92	9,779.37	3,422.52	-993.89	3,554.91	2.29	-2.16	-0.76
13,355.00	86.99	358.04	9,781.02	3,517.47	-994.75	3,647.93	5.21	-4.24	-3.03
13,449.00	90.49	359.57	9,783.09	3,611.41	-996.71	3,740.18	4.06	3.72	1.63
13,545.00	90.24	359.95	9,782.48	3,707.41	-997.11	3,834.13	0.47	-0.26	0.40
13,639.00	88.61	358.69	9,783.42	3,801.39	-998.23	3,926.25	2.19	-1.73	-1.34
13,735.00	91.19	1.14	9,783.59	3,897.38	-998.37	4,020.12	3.71	2.69	2.55
13,829.00	90.32	0.38	9,782.35	3,991.36	-997.12	4,111.75	1.23	-0.93	-0.81
13,924.00	90.63	0.49	9,781.56	4,086.35	-996.40	4,204.47	0.35	0.33	0.12
14,019.00	89.82	358.42	9,781.19	4,181.34	-997.31	4,297.54	2.34	-0.85	-2.18
14,114.00	92.01	359.46	9,779.67	4,276.31	-999.06	4,390.75	2.55	2.31	1.09
14,209.00	90.49	0.49	9,777.60	4,371.28	-999.11	4,483.62	1.93	-1.60	1.08
14,304.00	89.20	3.07	9,777.85	4,466.23	-996.16	4,575.83	3.04	-1.36	2.72
14,342.00	88.59	2.63	9,778.59	4,504.17	-994.27	4,612.53	1.98	-1.61	-1.16
14,399.00	87.66	2.86	9,780.45	4,561.07	-991.54	4,667.59	1.68	-1.63	0.40
14,494.00	89.23	2.51	9,783.03	4,655.93	-987.09	4,759.40	1.69	1.65	-0.37
14,549.00	88.08	1.85	9,784.32	4,710.88	-985.00	4,812.68	2.41	-2.09	-1.20
14,610.00	88.08	1.85	9,786.36	4,771.81	-983.03	4,871.84	0.00	0.00	0.00
Projection to TD-14610.00' MD									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
465.00	464.99	0.29	-1.03	Final Invictus Survey-465.00' MD
465.00	464.99	0.29	-1.03	Tie-In to Invictus MWD - 465.00' MD
465.00	464.99	0.29	-1.03	Tie-in to Invictus MWD-465.00' MD
14,610.00	9,786.36	4,771.81	-983.03	Projection to TD-14610.00' MD

Intent ☐ As Drilled ☒

API # 30-015-48732	Operator Name: Mewbourne Oil Company		Property Name: Boondock 3 W1OB State Com		Well Number 1H
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Kick Off Point (KOP)

UL O	Section 3	Township 25S	Range 28E	Lot 30	Feet 30	From N/S S	Feet 2298	From E/W E	County Eddy
Latitude 32.1518862				Longitude -104.0739918		NAD 83			

First Take Point (FTP)

UL O	Section 3	Township 25S	Range 28E	Lot 348	Feet 348	From N/S S	Feet 2282	From E/W E	County Eddy
Latitude 32.1527591				Longitude -104.0739334		NAD 83			

Last Take Point (LTP)

UL B	Section 3	Township 25S	Range 28E	Lot 340	Feet 340	From N/S N	Feet 2271	From E/W E	County Eddy
Latitude 32.1655859				Longitude -104.0738237		NAD 83			

Is this well the defining well for the Horizontal Spacing Unit? ☐ N ☐Is 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 # 30-015-48735	Operator Name: Mewbourne Oil Company		Property Name: Boondock 3 W1PA State Com		Well Number 2H
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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
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO. 30-015-48732	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Boondock 3 WIOB State Com	
8. Well Number 2H	
9. OGRID Number 14744	
10. Pool name or Wildcat Purple Sage; Wolfcamp (gas)	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2985' GL	
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	

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 : 250 feet from the South line and 1275 feet from the East line
Section 3 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.

03/24/2022 Frac horizontal Wolfcamp w/9874200 gals PW slickwater & 1578990 gals brackish slickwater, carrying 11607857# local 100 mesh sand. Flowback well for cleanup.

04/01/2022 Drill out frac plugs to PBTD @ 14571'.

04/05/2022 PWOL.

FORMATION TOPS: T/salt 1070', B/salt 2400', Lamar 2600', Bell Canyon 2635', Manzanita Marker 3615', Bone Spring 6315', Wolfcamp 9555'.

Spud Date: 01/26/2022

Rig Release Date: 02/14/2022

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 05/13/2022

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

APPROVED BY: TITLE DATE
Conditions of Approval (if any):

State of New Mexico Energy, Minerals and Natural Resources				Form C-105 Revised April 3, 2017	
Submit To Appropriate District Office District I 625 N. French Dr., Hobbs, NM 88240 District II 11 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 220 S. St. Francis Dr., Santa Fe, NM 87505				1. WELL API NO. 30-015-48732 2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN 3. State Oil & Gas Lease No.	
WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
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)					
Type of Completion:					
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER					
Name of Operator Mewbourne Oil Company					
10. Address of Operator PO Box 5270 Hobbs, NM 88240					
12. Location	Unit Ltr	Section	Township	Range	Lot
Surface:	P	3	25S	28E	
BH:	B	3	25S	28E	
13. Date Spudded 01/26/2022	14. Date T.D. Reached 02/22/2022	15. Date Rig Released 02/14/2022		16. Date Completed (Ready to Produce) 04/05/2022	
18. Total Measured Depth of Well 14610' MD	19. Plug Back Measured Depth 14571 MD	20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run GR	
22. Producing Interval(s), of this completion - Top, Bottom, Name 9555' - 14610' Wolfcamp					
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	476'	17 1/2"	450	0
9 5/8"	40	2476'	12 1/4"	650	0
7"	29	10029'	8 3/4"	900	0
24. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD
4 1/2"	9261'	14607'	450	2 7/8	DEPTH SET 9194
26. Perforation record (interval, size, and number)					
10413' - 14607' (38 stages, 0.39" EHD, 1368 holes)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. AMOUNT AND KIND MATERIAL USED		
			10413 - 14607"		
			9874200 gals PW slickwater & 1578990 gals brackish slickwater, carrying 11607857# local 100 mesh sand.		
PRODUCTION					
28. Date First Production 04/05/2022			Well Status (Prod. or Shut-in) Producing		
Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing					
Date of Test 04/17/2022	Hours Tested 24	Choke Size NA	Prod'n For Test Period Oil - Bbl 434	Gas - MCF 1964	Water - Bbl. 2197
Flow Tubing Press. NA	Casing Pressure 190	Calculated 24-Hour Rate	Oil - Bbl. 434	Gas - MCF 1964	Water - Bbl. 2197
29. Disposition of Gas (Sold, used for fuel, vented, etc.)			Oil Gravity - API - (Corr.)		
Sold			30. Test Witnessed By Robin Terrell		
31. List Attachments					
CI04, 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.					
34. If an on-site burial was used at the well, report the exact location of the on-site burial:					
Latitude			Longitude		
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					
Signature: 					
E-mail Address: jlathan@mewbourne.com					
Title: Regulatory					
Date: 05/09/2022					

Mewbourne Oil Company

Well Name: Boondock 3 W1OB State Com #2H
Updated by: Andy Taylor

Date Updated: 4/25/2022

Spud Date: 01/26/2022

Surface
17 1/2" x 13 3/4" 64.5# J55
Set @ 476'
Cmt w/ 450 sx
Circ. 152 sx to pit

Intermediate
12 1/4" x 9 3/4" 40# HCL80
Set @ 2476'
Cmt w/ 650 sx
Circ. 112 sx to pit

Production
8 3/4" x 7" 2# HCP110
Set @ 10,025'
Cmt w/ 900 sx
Circ. 254 sx to pit

Liner
6 1/8" x 4 1/2" 13.5# HCP110
Set @ 9261' - 14,607'
Cmt w/ 450 sx
TOC @ 9261'

KOP @ 9320'
Dev @ KOP: 2.06°

TVD @ 9802'
TD 6 1/8" hole @ 14,610'

Point	Latitude	Longitude	FNL/FSL	FEL/FWL	Section	MD	TVD
KOP	32.1518662	-104.0739918	30' FSL	2298' FEL	3	9320'	9251'
FTP/PPP1	32.1527591	-104.0739334	348' FSL	2282' FEL	3	9908'	9708'
LTP	32.1655859	-104.0738237	340' FNL	2271' FEL	3	14589'	9786'
BHL	32.1656436	-104.0738216	319' FNL	2271' FEL	3	14610'	9786'

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

ACKNOWLEDGMENTS

Action 107227

ACKNOWLEDGMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 107227
	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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CONDITIONS

Action 107227

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 107227
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	None	8/6/2025