

**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 and Natural Resources**  
**Oil Conservation Division**  
**1220 South St. Francis Dr.**  
**Santa Fe, NM 87505**

Form C-101  
Revised July 18, 2013

☐ AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address Mewbourne Oil Company PO Box 5270 Hobbs, NM 88241		<sup>2</sup> OGRID Number 14744
		<sup>3</sup> API Number 30-015-31551
<sup>4</sup> Property Code <b>337319</b>	<sup>5</sup> Property Name Wine Mixer 21 State SWD	<sup>6</sup> Well No. 1

**<sup>7</sup> Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
K	21	20S	27E	K	2249	S	2158	W	Eddy

**<sup>8</sup> Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

**<sup>9</sup> Pool Information**

Pool Name	Pool Code
SWD/Devonian	

**Additional Well Information**

<sup>11</sup> Work Type <b>Re-entry</b>	<sup>12</sup> Well Type SWD	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type <b>State</b>	<sup>15</sup> Ground Level Elevation 3233'
<sup>16</sup> Multiple	<sup>17</sup> Proposed Depth 13850'	<sup>18</sup> Formation Devonian	<sup>19</sup> Contractor TBA	<sup>20</sup> Spud Date ASAP
Depth to Ground water	Distance from nearest fresh water well		Distance to nearest surface water	

☒ We will be using a closed-loop system in lieu of lined pits


**<sup>21</sup> Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	17.5	13.375	48	0' – 545'	897	0'
INTER 2	12.25	9.625	36	0' – 2425'	970	0'
Liner	8.75	5.5	17	0' – 10,870'	770	0'

**Casing/Cement Program: Additional Comments**

**<sup>22</sup> Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular & Double Ram	3000	1500	Schaffer

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. <b>I further certify that I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable.</b> Signature:  Printed name: Bradley Bishop Title: Regulatory Manager E-mail Address: bbishop@mewbourne.com Date: 06-02-2025	<b>OIL CONSERVATION DIVISION</b>	
	Approved By:	
	Title:	
	Approved Date:	Expiration Date:
	Conditions of Approval Attached	



Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116  Online Phone Directory Visit: <a href="https://www.emnrd.nm.gov/ocd/contact-us/">https://www.emnrd.nm.gov/ocd/contact-us/</a>	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	C-102 Revised July 9, 2024 Submit Electronically via OCD Permitting
		Submittal Type: <input type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

## WELL LOCATION INFORMATION

API Number 30-015-31551 <b>30-015-31551</b>	Pool Code SWD <b>96101</b>	Pool Name Devonian SWD
Property Code 29063 <b>337319</b>	Property Name Wine Mixer 21 State SWD	Well Number 1
OGRID No. 14744	Operator Name Mewbourne Oil Company	Ground Level Elevation 3233'
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

## Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
K	21	20S	27E		2249 SOUTH	2158 WEST	32.5580435	-104.2878009	EDDY

## Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

## Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County


## First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County

## Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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<b>OPERATOR CERTIFICATIONS</b>  <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i>  <i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i>   <b>2-3-2025</b> <hr/> Signature _____ Date _____  Bradley Bishop Printed Name  <b>Bbishop@mewbourne.com</b> Email Address	<b>SURVEYOR CERTIFICATIONS</b>  <i>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.</i>  <hr/> Signature and Seal of Professional Surveyor _____  <table><tr><td>Certificate Number</td><td>Date of Survey</td></tr><tr><td></td><td></td></tr></table>	Certificate Number	Date of Survey		
Certificate Number	Date of Survey				

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

District I  
1625 N. French Dr., Hobbs, NM 88240  
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Phone: (575) 748-1263 Fax: (575) 748-9720

District III  
1000 Rio Brazos Blvd., Artesia, NM 87410  
Phone: (505) 534-6178 Fax: (505) 534-6170

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3400 Fax: (505) 476-5462

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

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1 API Number <b>30-015-31551</b>		2 Pool Code <b>SWD</b>		3 Pool Name <b>Devonian; SWD</b>	
4 Property Code <b>29063</b>		5 Property Name <b>WINE MIXER 21 STATE SWD</b>			6 Well Number <b>1</b>
7 OGRID NO. <b>14744</b>		8 Operator Name <b>MEWBOURNE OIL COMPANY</b>			9 Elevation <b>3233'</b>

**\* Surface Location**

UL or lot no. <b>K</b>	Section <b>21</b>	Township <b>20S</b>	Range <b>27E</b>	Lot Ids	Feet from the <b>2249</b>	North/South line <b>SOUTH</b>	Feet from the <b>2158</b>	East/West line <b>WEST</b>	County <b>EDDY</b>
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**\*\* Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
11 Dedicated Acres		12 Joint or Infill		13 Consolidation Code		14 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.

<p>0) <b>N 88°37'11" W 2649.30'</b></p> <p>1) <b>N 89°46'06" W 2652.81'</b></p> <p>2) <b>N 89°22'03" W 2657.62'</b></p> <p>3) <b>N 89°26'05" W 2658.79'</b></p>		<p>4) <b>S 00°23'00" W 2651.40'</b></p> <p>5) <b>S 00°13'14" W 2652.84'</b></p>		<p><b>11 OPERATOR CERTIFICATION</b> 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 an undivided 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.</p> <p>Signature: <u>Bradley Bishop</u> Date: <u>11-15-2024</u> Printed Name: <u>Bradley Bishop</u> E-mail Address: <u>Bbishop@mewbourne.com</u></p>	
<p><b>21</b></p> <p><b>2158'</b></p> <p><b>2249'</b></p> <p><b>S.L.</b></p>		<p><b>GEODETIC DATA</b> NAD 83 GRID - NM EAST</p> <p><b>SURFACE LOCATION</b> N: 566749.9 - E: 555365.9</p> <p>LAT: 32.5580435° N LONG: 104.2878009° W</p> <p><b>CORNER DATA</b> NAD 83 GRID - NM EAST</p> <p>A: CALCULATED CORNER N: 564525.5 - E: 553189.8</p> <p>B: FOUND BRASS CAP "1942" N: 569847.4 - E: 553234.1</p> <p>C: FOUND BRASS CAP "1942" N: 569783.6 - E: 555882.0</p> <p>D: FOUND BRASS CAP "1942" N: 569772.8 - E: 558534.1</p> <p>E: FOUND BRASS CAP "1942" N: 567122.1 - E: 558516.4</p> <p>F: FOUND BRASS CAP "1942" N: 564470.0 - E: 558504.7</p> <p>G: FOUND BRASS CAP "1942" N: 564496.2 - E: 555846.6</p>		<p><b>** SURVEYOR CERTIFICATION</b> 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.</p> <p><b>09/01/2023</b> Date of Survey</p> <p>Signature and Seal of Professional Surveyor: <u>Robert M. Howett</u></p> <p><b>19680</b> Certificate Number</p>	

Job No.: LS23080761



Submit a Copy To Appropriate District  
Office  
District I – (575) 393-6161  
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811 S. First St., Artesia, NM 88210  
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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. 30-015-31551
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> FED <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Wine Mixer 21 State SWD
8. Well Number 1
9. OGRID Number 14744
10. Pool name or Wildcat Devonian SWD
4. Well Location Unit Letter <u>K</u> : <u>2249</u> feet from the <u>South</u> line and <u>2158</u> feet from the <u>West</u> line Section <u>21</u> Township <u>20S</u> Range <u>27E</u> NMPM Eddy County
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3233

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 ☒ SWD

2. Name of Operator  
Mewbourne Oil Company

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

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: ☐

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.

3/21/25: TP 0#. Pumped 191 bbls FW down tbg. SI well for 24 hours.

3/22/25: TP 378#. Calculated BHP 4254#.

If you have any questions, please contact Zane Anderson.

Spud Date:

Rig Release Date:

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 3/26/2025

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):

Energy, Minerals and Natural Resources Department  
Oil Conservation Division Hobbs District Office

BRADENHEAD TEST REPORT

Operator Name <b>MEUBOURNE OIL COMPANY</b>		API Number <b>30-015-31551</b>	
Property Name <b>WINE MIXER 21 STATE SWD FKA Oxy Uncle Ben State Oil</b>		Well No. <b>#001</b>	

1. Surface Location

UL - Lot <b>K</b>	Section <b>21</b>	Township <b>20S</b>	Range <b>27E</b>	Feet from <b>2249</b>	N/S Line <b>S</b>	Feet From <b>2158</b>	E/W Line <b>W</b>	County <b>Eddy</b>
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Well Status

TA'D WELL YES <input type="radio"/> NO <input checked="" type="radio"/>	SHUT-IN NO <input type="radio"/> YES <input checked="" type="radio"/>	INJ YES <input checked="" type="radio"/> NO <input type="radio"/>	PRODUCER OIL <input checked="" type="radio"/> GAS <input type="radio"/>	DATE <b>4/3/2025</b>
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OBSERVED DATA

	(A)Surface	(B)Interm(1)	(C)Interm(2)	(D)Prod Casing	(E)Tubing
Pressure	<b>0</b>	<b>0</b>		<b>0</b>	<b>400</b>
Flow Characteristics					
Puff	Y / <input checked="" type="radio"/> N	Y / <input checked="" type="radio"/> N	Y / N	Y / <input checked="" type="radio"/> N	CO2 <input type="checkbox"/>
Steady Flow	Y / <input checked="" type="radio"/> N	Y / <input checked="" type="radio"/> N	Y / N	Y / <input checked="" type="radio"/> N	WTR <input checked="" type="checkbox"/>
Surges	Y / <input checked="" type="radio"/> N	Y / <input checked="" type="radio"/> N	Y / N	Y / <input checked="" type="radio"/> N	GAS <input type="checkbox"/>
Down to nothing	<input checked="" type="radio"/> Y / N	<input checked="" type="radio"/> Y / N	Y / N	<input checked="" type="radio"/> Y / N	Type of Fluid Injected for Waterflood if applies
Gas or Oil	Y / <input checked="" type="radio"/> N	Y / <input checked="" type="radio"/> N	Y / N	Y / <input checked="" type="radio"/> N	
Water	Y / <input checked="" type="radio"/> N	Y / <input checked="" type="radio"/> N	Y / N	Y / <input checked="" type="radio"/> N	

Remarks - Please state for each string (A,B,C,D,E) pertinent information regarding bleed down or continuous build up if applies.

**PWO BHT - OK**

**Cal Date: 4/3/2025** **9659 - NEW GRAPH RECORDER**  
**Serial # 87762**

Signature		OIL CONSERVATION DIVISION	
Printed name:		Entered into RBDMS	
Title		Re-test	
E-mail Address:			
Date:	Phone:		
Witness: <b>Ronald Hene</b>			

INSTRUCTIONS ON BACK OF THIS FORM



Mewbourne Oil Company

WO PROCEDURE

Submitted By:

Wellname: Wine Mixer 21 State SWD #1

Date: 9/12/24

Csg Size  
(Top):

Csg Size  
(Bottom): 5 .5” 17# N-80 & P-110

Csg Set:

Depth: 10,870’

Pkr type

Pkr type:

Pkr Set:

Procedure:

- 1) MIRU WO Rig
- 2) Kill well with 10# brine
- 3) ND wellhead & NU BOP
- 4) Release pkr & LD 2 7/8” tbg
- 5) MIRU Renegade WL
- 6) RIH w/CCL/GR/CBL & log from 9350’ to surface
- 7) RIH w/CCL and set CIBP @ 9,320
- 8) RIH w/WL and displace 95’ cmt
- 9) RIH w/WL, perf casing f/ 8,880’-9,025’
- 10) RIH w5.5”x2 7/8” retrievable packer
- 11) Set pkr @ 8,850’ & stimulate Cisco w/5,000 gal 15% HCl
- 12) RU swab, swab perf interval, RD swab
- 13) Release packer & POOH
- 14) RIH w/ injection string as follows:

1	5.5”x2 7/8” Model R pkr	7.42’
1	2 7/8” seating nipple	1.10’
1	3 ½" EUE x 2 7/8" J55 XO	.45’
272	3 ½” 9.3# EUE L80 IPC tbg	8,856.03’
	Total	8,865’
	Less above KB	<u>15.00’</u>
	Tbg set @	8,850’

- 15) Displace annulus w/101 bbls pkr fluid
- 16) Set pkr w/30 pts compression
- 17) Space out tbg
- 18) ND BOP & NU WH
- 19) Test backside to 500# for 30 min
- 20) Perform injection test
- 21) RDMO all 3<sup>rd</sup> party vendors
- 22) PWOL



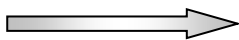
Location Name	Elevation	True Vertical	Measured Depth	Lithologies	Mineral Resources
UNKNOWN	3317	28	28	OTHER : Topsoil	NONE
YATES	2657	660	660	SANDSTONE	NATURAL GAS
APITAN REEF	1769	1548	1548	DOLOMITE, LIMESTONE	USEABLE WATER
LAMAR	975	2342	2342	DOLOMITE, LIMESTONE	NATURAL GAS
ONE SPRING	-748	4065	4065	LIMESTONE	NATURAL GAS
NE SPRING 1ST	-2517	5834	5834	LIMESTONE	NATURAL GAS
NE SPRING 2ND	-3048	6365	6365	SANDSTONE	NATURAL GAS

# 5M BOPE & Closed Loop Equipment Schematic



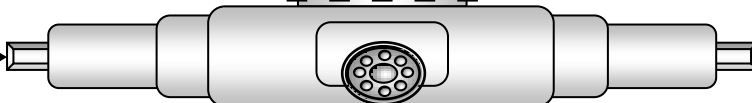
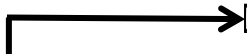
Drawing not to scale

Hydril "GK"  
13 5/8" 5M

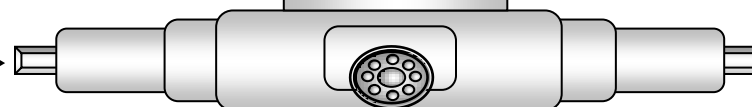


Hydril "GK"

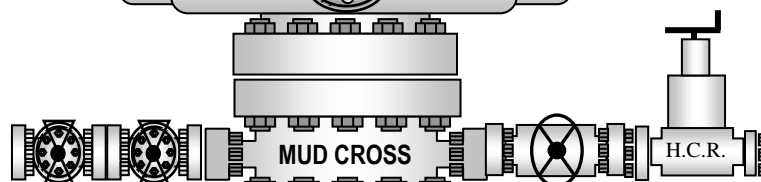
Cameron Type U  
13 5/8" 5M



4 1/2" x 5 7/8" VBR

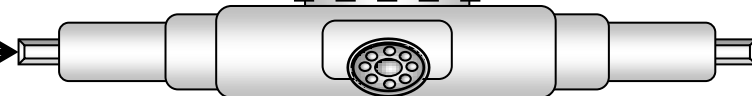


BLIND RAMS



MUD CROSS

H.C.R.



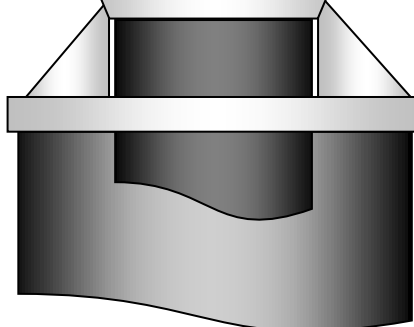
7" RAMS



13 5/8" 5M

13 5/8" 5M

13 5/8" 5M



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

General Information  
Phone: (505) 629-6116

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

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

CONDITIONS

Action 470004

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 470004
	Action Type: [C-101] Drilling Non-Federal/Indian (APD)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Notify OCD inspector 24 hours prior to the commencement of work.	6/8/2025
ward.rikala	Any log ran must be submitted to OCD.	6/8/2025
ward.rikala	Packer can be sat no higher than 100' above the top perforation.	6/8/2025
ward.rikala	Successful MIT must be conducted prior to commencement of injection.	6/8/2025