

**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

Form C-101  
Revised July 18, 2013

## Energy Minerals and Natural Resources

## Oil Conservation Division

☐ AMENDED REPORT

1220 South St. Francis Dr.

Santa Fe, NM 87505

## 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 30-015-53482
<sup>4</sup> Property Code 333827	<sup>5</sup> Property Name Buckner 9 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
I	9	22S	27E		1655	S	964	E	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
Devonian; SWD	96101

## Additional Well Information

<sup>11</sup> Work Type Drill	<sup>12</sup> Well Type SWD	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type Fee	<sup>15</sup> Ground Level Elevation 3082'
<sup>16</sup> Multiple	<sup>17</sup> Proposed Depth	<sup>18</sup> Formation	<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	26	20"	94	400	650	0
Inter. 1	17.5	13 3/8"	54.5	1925	1060	0
Inter. 2	12.25	9 5/8"	40	8800	1915	0
Liner	8.5	7 5/8"	39	8600' - 12,650'	340	8600
Open Hole	6.5			12,650' - 13,675'		

## Casing/Cement Program: Additional Comments

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<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.I further certify that I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable.

Signature:

Printed name:

Title:

E-mail Address:

## OIL CONSERVATION DIVISION

Approved By:

Title: Petroleum Specialist

Approved Date: 03/07/2023

Expiration Date: 03/07/2025

Date:	Phone:	Conditions of Approval Attached
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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

<sup>1</sup> API Number <b>30-015-53482</b>		<sup>2</sup> Pool Code <b>96101</b>		<sup>3</sup> Pool Name <b>Devonian; SWD</b>	
<sup>4</sup> Property Code <b>333827</b>		<sup>5</sup> Property Name <b>BUCKNER 9 SWD</b>			<sup>6</sup> Well Number <b>1</b>
<sup>7</sup> OGRID NO. <b>14744</b>		<sup>8</sup> Operator Name <b>MEWBOURNE OIL COMPANY</b>			<sup>9</sup> Elevation <b>3082'</b>

<sup>10</sup> Surface Location

UL or lot no. <b>I</b>	Section <b>9</b>	Township <b>22S</b>	Range <b>27E</b>	Lot Idn	Feet from the <b>1655</b>	North/South line <b>SOUTH</b>	Feet From the <b>964</b>	East/West line <b>EAST</b>	County <b>EDDY</b>
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> 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>(B) <i>N 89°57'45" W 5295.78'</i></p> <p>(C)</p>		<p><sup>17</sup> <b>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 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.</p> <p><i>Ryan McDaniel</i> 2/24/23 Signature Date Ryan McDaniel Printed Name RyanMcDaniel@mewbourne.com E-mail Address</p>	
<p>(A) <i>N 00°19'52" W 5312.94'</i></p> <p>16</p> <p>GEODETIC DATA NAD 83 GRID - NM EAST</p> <p>SURFACE LOCATION N: 510991.9 - E: 585864.0</p> <p>LAT: 32.4047017° N LONG: 104.1890566° W</p> <p>CORNER DATA NAD 83 GRID - NM EAST</p> <p>A: FOUND 1/2" REBAR N: 509313.0 - E: 581561.0</p> <p>B: FOUND 1" IRON PIPE N: 514624.6 - E: 581530.3</p> <p>C: CALCULATED CORNER N: 514621.1 - E: 586824.9</p> <p>D: FOUND 1/2" REBAR N: 509342.7 - E: 586829.2</p> <p>E: FOUND 1/2" REBAR N: 509327.9 - E: 584195.2</p> <p>9</p> <p>S.L. 964'</p> <p>1655'</p> <p>(D)</p>		<p><sup>18</sup> <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>5-15-19</b> Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p><b>19680</b> Certificate Number</p> <p>PROF. ROBERT M. HOWETT NEW MEXICO 19680 PROFESSIONAL SURVEYOR</p>	
<p><i>S 89°40'31" W 2634.87'</i></p> <p>(E)</p>		<p><i>S 89°40'46" W 2634.57'</i></p> <p>Job No.: LS19050576</p>	

**Well Name:** Buckner 9 SWD #1

Casing Type	Fluid Type	Hole Size	Casing Size	Casing Grade	Casing Weight	Top MD	Setting Depth	Sacks Cement	Top Cement
Surface	Spud Mud	26	20"	J55	94	0	400	650	0
Intermediate 1	Brine	17.5	13 3/8"	J55	54.5	0	1925	1060	0
Intermediate 2	Cut Brine	12.25	9 5/8"	HCL80	40	0	8800	1915	0
Liner	WBM	8.5	7 5/8"	HCP110	39	8600	12650	340	8600
Open Hole	Fresh H2O	6.5				12650	13675		

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Oil Conservation Division  
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COMMENTS  
  
Action 190777

COMMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 190777
	Action Type: [C-101] Drilling Non-Federal/Indian (APD)

COMMENTS

Created By	Comment	Comment Date
kpickford	SWD-2162	3/7/2023

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CONDITIONS

Action 190777

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Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 190777
	Action Type: [C-101] Drilling Non-Federal/Indian (APD)

**CONDITIONS**

Created By	Condition	Condition Date
kpickford	Notify OCD 24 hours prior to casing & cement	3/7/2023
kpickford	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string	3/7/2023
kpickford	Cement is required to circulate on both surface and intermediate1 strings of casing	3/7/2023
kpickford	Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system	3/7/2023
kpickford	The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud	3/7/2023