

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

Form C-104  
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<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> Reason for Filing Code/ Effective Date New Well / 12/11/14
<sup>4</sup> API Number 30 - 015 - 42595	<sup>5</sup> Pool Name Winchester Bone Spring	<sup>6</sup> Pool Code 65010
<sup>7</sup> Property Code 313420	<sup>8</sup> Property Name Ruger 31 B3EH Federal	<sup>9</sup> Well Number 2H

**II. <sup>10</sup> Surface Location**

UL or lot no. 2	Section 31	Township 19S	Range 29E	Lot Idn	Feet from the 2345	North/South Line North	Feet from the 185	East/West line West	County Eddy
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**<sup>11</sup> Bottom Hole Location**

UL or lot no. H	Section 31	Township 19S	Range 29E	Lot Idn	Feet from the 1691	North/South line North	Feet from the 353	East/West line East	County Eddy
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code Flowing	<sup>14</sup> Gas Connection Date 12/11/14	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
34053	Shell Trading US Co. PO Box 4604 Houston, TX 77210-4604	O
36785	DCP Midstream PO Box 50020 Midland, TX 79710	G
<b>NM OIL CONSERVATION</b> ARTESIA DISTRICT JAN 08 2015 RECEIVED		

**IV. Well Completion Data**

We are asking for an exemption from tubing at this time.

<sup>21</sup> Spud Date 10/06/14	<sup>22</sup> Ready Date 12/11/14	<sup>23</sup> TD 13120' MD 8910	<sup>24</sup> PBDT 13120' MD	<sup>25</sup> Perforations 8705' - 13120'	<sup>26</sup> DHC, MC NA
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
26"	20"	355'	1080		
17 1/2"	13 3/4"	1332'	900		
12 1/4"	9 5/8"	3018'	960		
8 3/4"	5 1/2"	13116'	1420		

**V. Well Test Data**

<sup>31</sup> Date New Oil 12/11/14	<sup>32</sup> Gas Delivery Date 12/11/14	<sup>33</sup> Test Date 12/13/14	<sup>34</sup> Test Length 24 hrs	<sup>35</sup> Tbg. Pressure NA	<sup>36</sup> Csg. Pressure 720
<sup>37</sup> Choke Size 32/64"	<sup>38</sup> Oil 400	<sup>39</sup> Water 1705	<sup>40</sup> Gas 502	<sup>41</sup> Test Method Flowing	

<sup>42</sup> 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: <i>Jackie Lathan</i>		OIL CONSERVATION DIVISION	
Printed name: Jackie Lathan		Approved by: <i>[Signature]</i>	
Title: Regulatory		Title: <i>Dist II Supervisor</i>	
E-mail Address: jlathan@mewbourne.com		Approval Date: <i>1-9-15</i>	
Date: 01/05/15	Phone: 575-393-5905		

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM13237
2. Name of Operator MEWBOURNE OIL COMPANY		6. If Indian, Allottee or Tribe Name
Contact: JACKIE LATHAN E-Mail: jlathan@mewbourne.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address PO BOX 5270 HOBBS, NM 88241	3b. Phone No. (include area code) Ph: 575-393-5905	8. Well Name and No. RUGER 31 B3EH FEDERAL 2H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 31 T19S R29E Mer NMP SWNW 2345FNL 185FWL		9. API Well No. 30-015-42595
		10. Field and Pool, or Exploratory BONE SPRING
		11. County or Parish, and State EDDY COUNTY, NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

12/04/14 Frac 3rd Bone Spring from 8705' MD (8685' TVD) to 13120' MD (8910' TVD) 120', 381 holes, 0.42" EHD, 60 deg phasing. Frac in 11 stages w/22354 gals 7.5% acid, 3,498,107 gals of SW, carrying 1,133,722# 100 Mesh Sand & 451,954# 40/70 oil plus sand.

Flowback well for cleanup.

12/11/14 Put well on production.

We are asking for an exemption from tubing at this time.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

JAN 08 2015

RECEIVED

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #286769 verified by the BLM Well Information System For MEWBOURNE OIL COMPANY, sent to the Carlsbad</b>	
Name (Printed/Typed) JACKIE LATHAN	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 01/05/2015

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Title _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly an States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

Pending BLM approvals will  
subsequently be reviewed  
and scanned

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

**Additional data for EC transaction #286769 that would not fit on the form**

**32. Additional remarks, continued**

Bond on file: NM1693 nationwide & NMB000919

Bond on file: 22015694 nationwide & 022041703 Statewide

JAN 08 2015

Form 3160-4  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM13237

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
 b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
 Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
MEWBOURNE OIL COMPANY  
 Contact: JACKIE LATHAN  
 E-Mail: jlathan@mewbourne.com

8. Lease Name and Well No.  
RUGER 31 B3EH FEDERAL 2H

3. Address PO BOX 5270  
HOBBS, NM 88241

3a. Phone No. (include area code)  
Ph: 575-393-5905

9. API Well No.  
30-015-42595

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface SWNW Lot 2 2345FNL 185FWL

At top prod interval reported below SWNW 2306FNL 359FWL

At total depth SENE 1691FNL 353FEL

10. Field and Pool, or Exploratory  
BONE SPRING11. Sec., T., R., M., or Block and Survey  
or Area Sec 31 T19S R29E Mer NMP12. County or Parish  
EDDY13. State  
NM

14. Date Spudded  
10/06/2014

15. Date T.D. Reached  
11/03/2014

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
12/11/2014

17. Elevations (DF, KB, RT, GL)\*  
3297 GL

18. Total Depth: MD 13120  
TVD 8910

19. Plug Back T.D.: MD 13120  
TVD 8910

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CNL, CCL, CBL & GR

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
 Was DST run? ☒ No ☐ Yes (Submit analysis)  
 Directional Survey? ☐ No ☒ Yes (Submit analysis)

## 23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26.000	20.000 J55	94.0	0	355	0	680	193	0	0
17.500	13.375 H40	48.0	0	1332	0	900	321	0	0
12.250	9.625 J55	36.0	0	3018	0	960	296	0	0
8.750	5.500 P110	17.0	0	13116	0	1420	763	0	0

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	4675	13120	8705 TO 13120	0.420	381	OPEN
B)						
C)						
D)						

## 26. Perforation Record

## 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
8705 TO 13120	22,354 GALS ACID, 3,498,107 GALS SLICKWATER, CARRYING 1,133,722 100 MESH SAND & 1,016,023# 40/70

## 28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/11/2014	12/13/2014	24	→	400.0	502.0	1705.0	42.0	0.72	FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
32/64	SI	720.0	→	400	502	1705	1255	POW	

## 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #286777 VERIFIED BY THE BLM WELL INFORMATION:

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED

Pending BLM approvals will  
subsequently be reviewed  
and scanned

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

## 29. Disposition of Gas(Sold, used for fuel, vented, etc.)

SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
CAPITAN	1289	2150	WATER	T. SALT	400
DELAWARE	2852	4675	OIL, WATER, GAS	B. SALT	840
BONE SPRING	4675	13120	OIL, WATER, GAS	YATES	1052
				CAPITAN	1289
				GRAYBURG	2150
				SAN ANDRES	2487
				DELAWARE	2852
				BONE SPRING	4675

## 32. Additional remarks (include plugging procedure):

Logs will be sent by mail.

## 33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)      2. Geologic Report      3. DST Report      4. Directional Survey  
5. Sundry Notice for plugging and cement verification      6. Core Analysis      7. Other:

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #286777 Verified by the BLM Well Information System.  
For MEWBOURNE OIL COMPANY, sent to the Carlsbad

Name (please print) JACKIE LATHAN

Title AUTHORIZED REPRESENTATIVE

Signature \_\_\_\_\_ (Electronic Submission)

Date 01/05/2015

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212. make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\*