

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 88240		<sup>2</sup> OGRID Number 14744
		<sup>3</sup> Reason for Filing Code/ Effective Date New Well / 05/17/14
<sup>4</sup> API Number 30 - 015-42207	<sup>5</sup> Pool Name Turkey Track; Bone Spring	<sup>6</sup> Pool Code 60660
<sup>7</sup> Property Code 40468	<sup>8</sup> Property Name Zircon 12/7 GF Fed Com	<sup>9</sup> Well Number 1H

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

UL or lot no. F	Section 12	Township 19S	Range 29E	Lot Idn	Feet from the 1775'	North/South Line North	Feet from the 2490	East/West line West	County Eddy
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<sup>11</sup> Bottom Hole Location

UL or lot no. F	Section 7	Township 19S	Range 30E	Lot Idn	Feet from the 1932'	North/South line North	Feet from the 2268'	East/West line West	County Eddy
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<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code ESP	<sup>14</sup> Gas Connection Date 05/17/14	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
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III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
35246	Shell Trading US Co PO Box 4604 Houston, TX 77210	O
151618	Enterprise Field Services PO Box 4503 Midland, TX 79710	G
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IV. Well Completion Data

<sup>21</sup> Spud Date 04/06/14	<sup>22</sup> Ready Date 05/17/14	<sup>23</sup> TD 12985' / 8211	<sup>24</sup> PBDT 12899'	<sup>25</sup> Perforations 8548' - 12899'	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size 17 1/2"	<sup>28</sup> Casing & Tubing Size 13 3/4"	<sup>29</sup> Depth Set 372'	<sup>30</sup> Sacks Cement 730		
12 1/4"	9 5/8"	1428'	550		
8 3/4"	7"	8472'	1100		
6 1/8"	4 1/2" Liner 2 7/8"	8262' - 12916' 8046'	TOL @ 8262'		

V. Well Test Data

<sup>31</sup> Date New Oil 05/24/14	<sup>32</sup> Gas Delivery Date 05/24/14	<sup>33</sup> Test Date 05/25/14	<sup>34</sup> Test Length 16 hrs	<sup>35</sup> Tbg. Pressure 600	<sup>36</sup> Csg. Pressure 360
<sup>37</sup> Choke Size NA	<sup>38</sup> Oil 363	<sup>39</sup> Water 857	<sup>40</sup> Gas 265		<sup>41</sup> Test Method Production

<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: Jackie Lathan		OIL CONSERVATION DIVISION Approved by: T.C. Shepard Title: "Geologist" Approval Date: 6-27-2014	
Printed name: Jackie Lathan			
Title: Regulatory			
E-mail Address: jlathan@mewbourne.com			
Date: 06/06/14	Phone: 575-393-5905	Pending BLM approvals will subsequently be reviewed and scanned 3/60-4 3/60-5	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
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.*

5. Lease Serial No.  
(SL) State (BHL) NMLC-066087-A  
6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE** – Other instructions on page 2.

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.  
Zircon 12-7 GF Fed Com #1H

2. Name of Operator Mewbourne Oil Company

9. API Well No.  
30-015-42207

3a. Address PO Box 5270  
Hobbs, NM 88240

3b. Phone No. (include area code)  
575-393-5905

10. Field and Pool or Exploratory Area  
Turkey Track Bone Spring 60660

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1755' FNL & 2490' FWL, Sec 12, T19S, R29E

11. Country or Parish, State  
Eddy

12. CHECK THE 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 <u>Completion Sundry</u>
	<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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

05/14/14: Frac 2nd Bone Spring Sands from 8548' MD (8165' TVD) to 12899 MD (8209' TVD) in 20 stages w/270,190 gals slickwater, 281,958 gals 20# Linear gel, 836,791 gals 20# XL gel carrying 100,580# 100 mesh, 1,690,080# 20/40 sand & 411,090# 20/40 SB Excel. Flowback well for cleanup.

05/24/14 RIH w/2 7/8" 6.5# L80 tbg to 8046' & ESP equipment. Put well on production.

*Accepted for record*  
NMOC

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
JUN 17 2014

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14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Jackie Lathan

Title Hobbs Regulatory

Signature

*Jackie Lathan*

Date 06/06/2014

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

Approved by

Title

Date

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 making fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

*Pending BLM approvals will  
subsequently be reviewed  
and scanned*

s any false.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. State (SL) LC-066087-A (BHL)
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other _____		6. If Indian, Allottee or Tribe Name
2. Name of Operator Mewbourne Oil Company		7. Unit or CA Agreement Name and No.
3. Address PO Box 5270 Hobbs, NM 88241		8. Lease Name and Well No. Zircon 12-7 GF Fed Com #1H
3a. Phone No. (include area code) 575-393-5905		9. AFI Well No. 30-015-42207
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1775' FNL & 2490' FWL, Sec 12, T19S, R29E Unit F At top prod. interval reported below 8548' (1838' FNL & 2181' FEL) Sec 12, T19S, R29E At total depth 1958' FNL & 2161' FWL, Sec 7, 19S, R30E Unit F @ 12899'		10. Field and Pool, or Exploratory Turkey Track; Bone Spring 60660
14. Date Spudded 04/06/14		11. Sec., T., R., M., on Block and Survey or Area Sec 12, T19S, R29E
15. Date T.D. Reached 04/30/14		12. County or Parish Eddy
16. Date Completed 05/17/14 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		13. State NM
17. Elevations (DF, RKB, RT, GL)* 3399' GL		
18. Total Depth: MD 12985' TVD 8210'	19. Plug Back T.D.: MD 12899' TVD 8209'	20. Depth Bridge Plug Set: MD NA TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CCL, GR & CNL		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)

## 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
17 1/2"	13 3/8" H40	48#	0	372'		730	187	Surface	NA
12 1/4"	9 5/8" J55	36#	0	1428'		550	178	Surface	NA
8 3/4"	7" P110	26#	0	8472'		1100	336	Surface	NA
6 1/8"	4 1/2" P110	13.5#	8262'	12916'	Liner	NA	NA	NA	NA

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8"	8046'	NA						

## 25. Producing Intervals

Formation	Top	Bottom	Perforation Interval	Size	No. Holes	Perf. Status
A) Bone Spring	4633'	12985'	8548' - 12899' MD	Ports	20	Open
B)			8165' - 8209' TVD			
C)						
D)						

## 26. Perforation Record

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

Depth Interval	Amount and Type of Material
8548' - 12899'	Frac w/270,190 gals Slickwater & 281,958 gals 20# Linear Gel 836,791 20# X-link gel carrying 100,580# 100 Mesh, 1,690,080# 20/40 sand & 411,090# 20/40 SB Excel.

## 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
05/14/14	05/25/14	16	→	363	265	857	42	0.7746	ESP
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
NA	600	360	→	544	398	1286	732	Producing	

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## 28a. Production - Interval B

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

Pending BLM approvals will  
subsequently be reviewed  
and scanned

\*(See instructions and spaces for additional data on page 2)

## 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.)

## 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
				T. Salt B. Salt Yates Seven Rivers Queen Grayburg San Andres Delaware Bone Spring	368' 1253' 1385' 1750' 2227' 2470' 3180' 3700' 4633'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

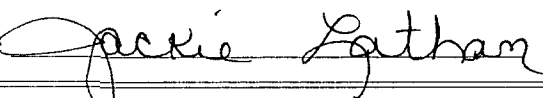
- ☒ Electrical/Mechanical Logs (1 full set req'd.)   
 ☐ Geologic Report   
 ☐ DST Report   
 ☒ Directional Survey  
☐ Sundry Notice for plugging and cement verification   
☐ Core Analysis   
☒ Other: Comp sundry, Dev Rpt, C104, Gyro, Final C102, pkr port

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

Name (please print) Jackie Lathan

Title Hobbs Regulatory

Signature



Date 06/06/14

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.

