

District I
1625 1/2 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

¹ Operator name and Address Mewbourne Oil Company PO Box 5270 Hobbs, NM 88241		² OGRID Number 14744
		³ Reason for Filing Code/ Effective Date New Well / 08/23/14
⁴ API Number 30 - 015 - 42185	⁵ Pool Name Loco Hills; Bone Spring East	
⁷ Property Code 40463	⁸ Property Name Leo 15 DA Fed Com	⁶ Pool Code 39513
		⁹ Well Number 1H

II. ¹⁰ Surface Location

Ul or lot no. D	Section 15	Township 18S	Range 30E	Lot Idn	Feet from the 330	North/South Line North	Feet from the 370	East/West line West	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. A	Section 15	Township 18S	Range 30E	Lot Idn	Feet from the 418	North/South line North	Feet from the 333	East/West line East	County Eddy
¹² Lse Code F	¹³ Producing Method Code ESP	¹⁴ Gas Connection Date 08/28/14	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	²⁰ O/G/W
35246	Shell Trading US Co. PO Box 4604 Houston, TX 77210-4604	O
221115	Frontier Field Services 200 E Skelly Drive Suite 700 Tulsa, OK 74135	G
NM OIL CONSERVATION ARTESIA DISTRICT SEP 04 2014 RECEIVED		

IV. Well Completion Data

²¹ Spud Date 06/25/14	²² Ready Date 08/23/14	²³ TD 12649' 8303	²⁴ PBDT 12562'	²⁵ Perforations 8775' - 12550'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	416'	450		
12 1/4"	9 5/8"	1600'	500		
8 3/4"	7"	8720'	1050		
6 1/8"	4 1/2"	12576'	TOL @ 8425		
	2 7/8"	8174'			

V. Well Test Data

³¹ Date New Oil 08/23/14	³² Gas Delivery Date 08/28/14	³³ Test Date 09/01/14	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 400	³⁶ Csg. Pressure 250
³⁷ Choke Size NA	³⁸ Oil 897	³⁹ Water 528	⁴⁰ Gas 851		⁴¹ Test Method ESP
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: Jackie Lathan			OIL CONSERVATION DIVISION		
Printed name: Jackie Lathan			Approved by: T.C. Shepard		
Title: Regulatory			Title: "Geologist"		
E-mail Address: jlathan@mewbourne.com			Approval Date: 9-5-14		
Date: 09/02/14		Phone: 575-393-5905	Pending BLM approvals will subsequently be reviewed and scanned		

3160-4
3160-5

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.

5. Lease Serial No.
NMNM27278

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
MEWBOURNE OIL COMPANY

Contact: JACKIE LATHAN
E-Mail: jlathan@mewbourne.com

8. Well Name and No.
LEO 15 DA FED COM 1H

9. API Well No.
30-015-42185

3a. Address
PO BOX 5270
HOBBS, NM 88241

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

10. Field and Pool, or Exploratory
BONE SPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 15 T18S R30E Mer NMP NWNW 330FNL 370FWL

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.)

08/19/14 Frac 2nd Bone Spring from 8775' MD (8290' TVD) to 12550' MD (8308' TVD) with 315,210 gals slickwater, 207,480 gals 20# Linear gel, 903,756 gal 20# X-Link gel carrying 72,107# 100 Mesh, 1,620,746# 20/40 white sand & 346,082# 20/40 SB Excel Sand. Flowback well for cleanup.

08/23/14 RIH w/ESP equipment & 2 7/8" 6.5# L80 tbg to 8174'. Put well on production.

NM OIL CONSERVATION
ARTESIA DISTRICT

SEP 04 2014

RECEIVED

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #259978 verified by the BLM Well Information System
For MEWBOURNE OIL COMPANY, sent to the Carlsbad**

Name (Printed/Typed) JACKIE LATHAN

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 09/02/2014

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

Pending BLM approvals will
subsequently be reviewed
and scanned
TCS

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

to any department or agency of the United States

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

SEP 04 2014

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.
NMNM27278

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
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 _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator MEWBOURNE OIL COMPANY			Contact: JACKIE LATHAN E-Mail: jlathan@mewbourne.com		
3. Address PO BOX 5270 HOBBS, NM 88241			3a. Phone No. (include area code) Ph: 575-393-5905		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNW 330FNL 370FWL At top prod interval reported below NWNW 376FNL 1090FWL At total depth NENE 418FNL 333FEL			8. Lease Name and Well No. LEO 15 DA FED 1H		
14. Date Spudded 06/25/2014			15. Date T.D. Reached 07/23/2014		9. API Well No. 30-015-42185
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 08/23/2014			10. Field and Pool, or Exploratory BONE SPRING		
17. Elevations (DF, KB, RT, GL)* 3518 GL			11. Sec., T., R., M., or Block and Survey or Area Sec 15 T18S R30E Mer NMP		
18. Total Depth: MD 12649 TVD 8303			19. Plug Back T.D.: MD 12562 TVD 8308		12. County or Parish EDDY
20. Depth Bridge Plug Set: MD TVD			13. State NM		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL, CCL, CBL & GR			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 analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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
17.500	13.375 H40	48.0	0	416	0	450	107	0	0
12.250	9.625 J55	36.0	0	1600	0	500	165	0	0
8.750	7.000 P110	26.0	0	8720	0	1050	351	0	0
6.125	4.500 P110	13.5	8425	12576	0	0	0	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)
2.875	8174	0						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	4277	12649	8775 TO 12550	0.000	20	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8775 TO 12550	315,210 GALS SLICKWATER, 207,480 GALS 20# LINEAR GEL, 903,756 GAL 20# X-LINK GEL CARRYING 72,107

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
08/23/2014	09/01/2014	24	→	897.0	851.0	528.0	41.8	0.78	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
NA	400	250.0	→	897	851	528	949	POW	

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. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio
			→				

Pending BLM approvals will
subsequently be reviewed
and scanned
TCS

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

ELECTRONIC SUBMISSION #260012 VERIFIED BY THE BLM WELL INFORMATION SYS.

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

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
DELAWARE	3777	4277	OIL WATER, GAS	RUSTLER	313
BONE SPRING	4277	12649	OIL, WATER, GAS	B. SALT	1346
				YATES	1506
				SEVEN RIVERS	1794
				QUEEN	2580
				GRAYBURG	3050
				DELAWARE	3777
				BONE SPRING	4277

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 #260012 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 09/02/2014

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.

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