

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

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 / 01/15/16
⁴ API Number 30 - 015 - 43312	⁵ Pool Name Loco Hills; Bone Spring East	⁶ Pool Code 39513
⁷ Property Code 315140	⁸ Property Name Leo 15 B2DN Fed Com	⁹ Well Number 1H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
D	15	18S	30E		630	North	370	West	Eddy

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	15	18S	30E		347	South	987	East	Eddy

¹² Lse Code F	¹³ Producing Method Code Gas L/N	¹⁴ Gas Connection Date 01/15/16	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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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
FEB 11 2016

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IV. Well Completion Data

²¹ Spud Date 09/11/15	²² Ready Date 01/15/16	²³ TD 14355' MD	²⁴ PBDT 14338'	²⁵ Perforations 8435' - 14330' MD	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/4"	13 1/4"	455'	500		
12 1/4"	9 5/8"	1558'	650		
8 3/4"	7"	7646'	1100		
6 1/2"	4 1/2"	7422 - 14355'	350		
	2 1/2"	7399'			

V. Well Test Data

³¹ Date New Oil 01/15/16	³² Gas Delivery Date 01/15/16	³³ Test Date 01/24/16	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 410	³⁶ Csg. Pressure 1200
³⁷ Choke Size NA	³⁸ Oil 689	³⁹ Water 465	⁴⁰ Gas 535	⁴¹ Test Method Production	

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*

Printed name:
Jackie Lathan

Title:
Regulatory

E-mail Address:
jlathan@mewbourne.com

Date: 01/26/16 Phone: 575-393-5905

OIL CONSERVATION DIVISION

Approved by: *Albado*

Title: *Asst. Reg. Supervisor*

Approval Date: *2-3-2016*

Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES NM OIL CONSERVATION
DEPARTMENT OF THE INTERIOR ARTESIA DISTRICT
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FEB 11 2016

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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 630FNL 370FWL At top prod interval reported below NWNW 890FNL 425FWL At total depth SESE 347FSL 987FEL		8. Lease Name and Well No. LEO 15 B2DN FED COM 1H	
14. Date Spudded 09/11/2015		15. Date T.D. Reached 10/21/2015	
16. Date Completed <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod. 01/01/2016		9. API Well No. 30-015-43312	
18. Total Depth: MD 14355 TVD 8376		19. Plug Back T.D.: MD 14338 TVD 8376	
20. Depth Bridge Plug Set: MD TVD		10. Field and Pool, or Exploratory LOCO HILLS BONE SPRING	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CCL, GR, CNL & CBL		11. Sec., T., R., M., or Block and Survey or Area Sec 15 T18S R30E Mer	
		12. County or Parish EDDY	
		13. State NM	
		17. Elevations (DF, KB, RT, GL)* 3520 GL	

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 J55	54.5	0	455		500	119	0	
12.250	9.625 J55	36.0	0	1558		650	187	0	
8.750	7.000 P110	26.0	0	7646		1100	377	0	
6.125	4.500 P110	13.5	7422	14355		350	185	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	7399							

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	4308	14355	8435 TO 14330	0.380	646	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8435 TO 14330	5,921,359 GALS SLICKWATER CARRYING 4,019,940# 100 MESH SAND & 2,406,100# 30/50 WHITE SAND

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
01/01/2016	01/24/2016	24	→	689.0	535.0	465.0	38.2	0.78	GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	410	1200.0	→	689	535	465	776	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.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #329729 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERAT

Pending BLM approvals will subsequently be reviewed and scanned

LD

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
BONE SPRING	4308	14355	OIL, WATER & GAS	RUSTLER TOP OF SALT BASE OF SALT QUEEN GRAYBURG SAN ANDRES DELAWARE BONE SPRING	339 569 1355 2600 3094 3448 3696 4308

32. Additional remarks (include plugging procedure):

Received an exemption from logging from Andrea Bowen w/BLM 09/10/2015.

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 #329729 Verified by the BLM Well Information System.
For MEWBOURNE OIL COMPANY, sent to the Carlsbad**

Name (please print) JACKIE LATHAN Title REGULATORY

Signature _____ (Electronic Submission) Date 01/26/2016

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 ****

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.
NMNM27277

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
LEO 15 B2DN FEDERAL COM 1H

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

9. API Well No.
30-015-43312

3a. Address
PO BOX 5270
HOBBS, NM 88241

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

10. Field and Pool, or Exploratory
LOCO HILLS BONE SPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 15 T18S R30E Mer NMP NWNW 630FNL 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 recomplete 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 recompletion 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.)

01/01/16 Frac 2nd Bone Spring from 8435' MD (8267' TVD) to 14330' MD (8376' TVD) 646 holes, .38" EHD, 60 deg phasing. Frac in 17 stages w/5,921,359 gals slickwater carrying 4,019,940# 100 Mesh, & 2,406,100# 30/50 white sand. Flowback well for cleanup.

01/15/16 PWOL

01/16/16 RIH w/2 7/8" 6.5# L80 tbg & GLV's to 7399'.

Bond on file: NM1693 nationwide & NMB000919

Bond on file: 22015694 nationwide & 022041703 Statewide

NM OIL CONSERVATION
ARTESIA DISTRICT

FEB 01 2016

JLD 2/10/16
Accepted for record
NMAOCD

RECEIVED

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

Electronic Submission #329726 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 01/26/2016

THIS SPACE FOR FEDERAL OR STATE OFFICIAL SIGNATURE

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

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.

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