

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 / 09/07/18
⁴ API Number 30 - 015 - 43902	⁵ Pool Name Russell Bone Spring	⁶ Pool Code 52805
⁷ Property Code 316777	⁸ Property Name Derringer 18 B2MP Federal	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
M	18	20S	29E	4	330	South	475	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	18	20S	29E		542'	South	332'	East	Eddy
¹² Lse Code F	¹³ Producing Method Code Gas Lift	¹⁴ Gas Connection Date 09/07/18	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	Plains Marketing 3514 Lovington Hwy Hobbs, NM 88240 NM OIL CONSERVATION ARTESIA DISTRICT	O
151618	Enterprise Field Services PO Box 4503 Houston, TX 77210 SEP 21 2018 RECEIVED	G

IV. Well Completion Data

²¹ Spud Date 03/28/18	²² Ready Date 09/07/18	²³ TD 12215' / 7898	²⁴ PBDT 12195'	²⁵ Perforations 7996' - 12182'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
26"	20"	375'	750 - cur		
17 1/2"	13 3/4"	1120'	950 - cur		
12 1/4"	9 3/4"	2957'	1175 - cur		
8 3/4" 6 1/2"	7" 4 1/2" 2 3/4"	8110' 7294' - 12182' 7270'	900 - Est. for 2017 250 - cur		

V. Well Test Data

³¹ Date New Oil 09/08/18	³² Gas Delivery Date 09/08/18	³³ Test Date 9/10/18	³⁴ Test Length 24	³⁵ Tbg. Pressure 400	³⁶ Csg. Pressure 1100
³⁷ Choke Size NA	³⁸ Oil 764	³⁹ Water 1926	⁴⁰ Gas 868	⁴¹ Test Method Producing	

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: <i>Jackie Lathan</i>	OIL CONSERVATION DIVISION Approved by: <i>Rusty Huns</i>
Printed name: Jackie Lathan	Title: Business Ops Spec A
Title: Regulatory	Approval Date: 9.21.2018
E-mail Address: jlathan@mewbourne.com	
Date: 09/20/18	Phone: 575-393-5905

g BLM approvals will
sequently be reviewed
and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM01165

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

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: 575-339-9000

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface Sec 18 T20S R29E Mer SWSW Lot 4 330FSL 475FWL 32.340145 N Lat, 104.071662 W Lon
 At top prod interval reported below Sec 18 T20S R29E Mer NMP SWSW 396FSL 614FWL
 At total depth SESE 542FSL 332FEL

6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.
8. Lease Name and Well No.
DERRINGER 18 B2MP FEDERAL 1H
9. API Well No. 30-015-43902

10. Field and Pool, or Exploratory
RUSSEL BONE SPRING
11. Sec., T., R., M., or Block and Survey or Area Sec 18 T20S R29E Mer
12. County or Parish EDDY 13. State NM

14. Date Spudded 03/28/2018 15. Date T.D. Reached 04/16/2018 16. Date Completed D & A Ready to Prod. 09/07/2018

17. Elevations (DF, KB, RT, GL)* 3251 GL

18. Total Depth: MD 12215 TVD 7898 19. Plug Back T.D.: MD 12195 TVD 7898 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
EXEMPT FROM LOGGING

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

MINERAL CONSERVATION

SEP 21 2018

RECEIVED

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
8.750	7.000 HCP110	29.0	0	8110	34	C 900	0	0	0
12.250	9.625 L80/N80	40.0	0	156			0	0	0
26.000	20.000 J55	94.0	0	375		C 750	219	0	0
17.500	13.375 J55	54.5	0	1120		C 950	282	0	0
12.250	9.625 J65	38.0	156	2837			0	0	0
12.250	9.625 L80	40.0	2837	2957			1175	323	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	7270				10.125" / 4.50'	13.5" HCP110	12215	

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	5466	12215	7996 TO 12182	0.390	720	OPEN
B)						
C)						
D)						

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	5466	12215	7996 TO 12182	0.390	720	OPEN

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

Depth Interval	Amount and Type of Material
7996 TO 12182	7,875,250 GALS SLICKWATER CARRYING 5,453,246# LOCAL 100 MESH SAND & 2,639,858 LOCAL 40/70 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
09/07/2018	09/10/2018	24	→	764.0	868.0	1926.0	46.8	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	
NA	400	1100.0	→	764	868	1926	1136	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	
			→						

Pending BLM approvals will subsequently be reviewed and scanned

M
9-21-18

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	5466	12215	OIL, WATER & GAS	T/SALT B/SALT YATES CAPITAN DELAWARE BONE SPRING	520 735 858 1089 3014 5466

32. Additional remarks (include plugging procedure):
Additional csg info.

8.75" hole, 7" csg, HCP110, 26#, 34' to 8110', 900 sks cmt, slurry @ 247, cmt top @ 2700'

6 18" hole, 4.5" csg, HCP110, 13.5#, TOL @ 7294' Bottom @ 12182'. 250 sks cmt, slurry @ 127, TOC @ surface.

Exempt from logging

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 #436171 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 09/20/2018

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. 1004-0137
Expires: January 31, 2018

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.
NMNM01165

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

8. Well Name and No.
DERRINGER 18 B2MP FEDERAL 1H

9. API Well No.
30-015-43902

1. Type of Well
 Oil Well Gas Well Other

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

3a. Address
PO BOX 5270
HOBBS, NM 88241

3b. Phone No. (include area code)
Ph: 575-893-5905

10. Field and Pool or Exploratory Area
RUSSELL BONE SPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 18 T20S R29E Mer NMP SWSW 330FSL 475FWL
32.340145 N Lat, 104.071662 W Lon

11. County or Parish, State
EDDY COUNTY, NM

SEP 21 2018

RECEIVED

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"/> Hydraulic Fracturing	<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 must 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 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.

08/27/18 Frac Bone Springs from 7996' MD (7796' TVD) to 12182' MD (7898' TVD). 720 holes, 0.39" EHD, 120 degree phasing. Frac in 21 stages w/7,875,250 gals slickwater, carrying 5,453,246# Local 100 Mesh Sand & 2,639,858# 40/70 local Sand.

Flowback well for cleanup.

09/05/18 RIH w/2 7/8" 6.5# L80 tbg & GLVs to 7270'

09/07/18 PWOL for production.

Bond on file: NM1693 nationwide & NMB000919

NM OIL CONSERVATION
ARTESIA DISTRICT

SEP 21 2018

RECEIVED

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #436175 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 09/20/2018

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
9-21-18

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

(Instructions on page 2)

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

Additional data for EC transaction #436175 that would not fit on the form

32. Additional remarks, continued

Bond on file: 22015694 nationwide & 022041703 Statewide