

District I
1625 W. French Dr., Hobbs, NM 88240

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

District II
811 S. First St., Artesia, NM 88210

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

Submit one copy to appropriate District Office

District III
1000 Rio Brazos Rd., Aztec, NM 87410

AMENDED REPORT

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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 / 09/08/18
⁴ API Number 30 - 015 - 44816	⁵ Pool Name Russell Bone Spring	⁶ Pool Code 52805
⁷ Property Code 321020	⁸ Property Name Derringer 18 B3MP Federal	⁹ Well Number 2H

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	290	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		451'	South	331'	East	Eddy

¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
F	Gas Lift	09/08/18			

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	O
151618	Enterprise Field Services PO Box 4503 Houston, TX 77210	G
NM OIL CONSERVATION ARTESIA DISTRICT SEP 21 2018 RECEIVED		

IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBTB	²⁵ Perforations	²⁶ DHC, MC
04/20/18	09/08/18	13350' / 19017	13310'	9103' - 13300'	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
26"	20"	377'	775 - curc		
17 1/2"	13 3/4"	1120'	900 - curc		
12 1/4"	9 5/8"	3057'	700 900 curc		
8 3/4" 6 1/2"	7" 4 1/2"	9100' 8424' - 13300'	1100 300		
	2 7/8"	8382'			

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
09/08/18	09/08/18	9/10/18	24 hrs	250	0
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method Producing	
NA	433	2290	1094		

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: 09/20/18 Phone: 575-393-5905

OIL CONSERVATION DIVISION
 Approved by: *Rusty Kline*
 Title: *Business Ops Spec A*
 Approval Date: *9-21-2018*
 Pending BLM approvals will subsequently 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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
DERRINGER 18 B3MP FEDERAL 2H

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: 575-393-5905

4. Location of Well (Report location clearly and in accordance with Federal requirements)
Sec 18 T20S R29E Mer
At surface SWSW Lot 4 290FSL 475FWL 32.567042 N Lat, 104.120731 W Lon
Sec 18 T20S R29E Mer NMP
At top prod interval reported below
Sec 18 T20S R29E Mer NMP
At total depth SESE 451FNL 331FEL

9. API Well No. 30-015-44816

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
04/20/2018

15. Date T.D. Reached
05/12/2018

16. Date Completed
 D & A Ready to Prod.
09/08/2018

17. Elevations (DF, KB, RT, GL)*
3253 GL

18. Total Depth: MD 13350 TVD 9017

19. Plug Back T.D.: MD 13310 TVD 9017

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CCL, CNL, 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
P 8.750	7.000 HCP110	21# 29.0	0	9100		C 1100	0	0	
12.250	9.625 L80/N80	40.0	0	121			0	0	
S 26.000	20.000 J55	94.0	0	377		B 775	227	0	
J 17.500	13.375 J55	54.5	0	1120		C 900	266	0	
12.250	9.625 J55	30.0	121	2929			0	0	
D 12.250	9.625 L80	40.0	2929	3057		C 900	265	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	8382		6.125"/4.50"	13.5	13300'	13.5	13300'	300 SKS C

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	5468	13350	9103 TO 13300	0.390	720	OPEN
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
9103 TO 13300	7,866,012 GALS SLICKWATER CARRYING 5,616,884# LOCAL 100 MESH SAND & 2,694,157 LOCAL 40/70 LOCAL SAND

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

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
09/08/2018	09/10/2018	24	▶	433.0	1094.0	2290.0	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	250	0.0	▶	433	1094	2290	2527	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
			▶						

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	5468	13350	OIL, WATER & GAS	T/SALT B/SALT YATES CAPITAN DELAWARE BONE SPRING	522 737 860 1091 3016 5468

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

8.75" hole, 7" csg, HCP110, 26#, 38' to 9100', 1100 sks cmt, slurry @ 308, cmt top @ 2757'

6 1/8" hole, 4.5" csg, HCP110, 13.5#, TOL @ 8424' Bottom @ 13300'. 300 sks cmt, slurry @ 126, TOC @ surface.

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 #436172 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 ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Additional data for transaction #436172 that would not fit on the form

32. Additional remarks, continued

Logs will be sent by mail.

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 B3MP FEDERAL 2H

1. Type of Well
 Oil Well Gas Well Other

9. API Well No.
30-015-44816

2. Name of Operator
MEWBOURNE OIL COMPANY

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

10. Field and Pool or Exploratory Area
RUSSELL BONE SPRING

3a. Address
PO BOX 5270
HOBBS, NM 88241

3b. Phone Number (include area code)
Ph: 575-342-1111
NM OIL CONSERVATION DISTRICT

11. County or Parish, State
EDDY COUNTY, NM

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 18 T20S R29E Mer NMP SWSW 290FSL 475FWL
32.567042 N Lat, 104.120731 W Lon

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 9103' MD (8934' TVD) to 13300' MD (9017' TVD). 720 holes, 0.39" EHD, 120 degree phasing. Frac in 21 stages w/7,866,012 gals slickwater, carrying 5,616,884# Local 100 Mesh Sand & 2,694,157# 40/70 local Sand.

Flowback well for cleanup.

09/07/18 RIH w/2 7/8" 6.5# L80 tbg & GLVs to 8382'

09/08/18 PWOL for production.

Bond on file: NM1693 nationwide & NMB000919

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

Electronic Submission #436173 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 knowing States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Department or agency of the United States

(Instructions on page 2)

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

Additional data for EC transaction #436173 that would not fit on the form

32. Additional remarks, continued

Bond on file: 22015694 nationwide & 022041703 Statewide