

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 88240 | | ² OGRID Number 14744 |
| | | ³ Reason for Filing Code/ Effective Date NW / 09/19/18 |
| ⁴ API Number 30 - 015-43787 | ⁵ Pool Name Palmillo; Bone Spring East | ⁶ Pool Code 49553 |
| ⁷ Property Code 316225 | ⁸ Property Name Pavo Macho 31/32 B2DA 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| 1 | 31 | 18S | 29E | | 660 | North | 185 | 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| A | 32 | 18S | 29E | | 896 | North | 335 | East | Eddy |

| | | | | | |
|-----------------------------|--|---|-----------------------------------|------------------------------------|-------------------------------------|
| ¹² Lse Code F | ¹³ Producing Method Code Flowing | ¹⁴ Gas Connection Date 09/19/18 | 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 |
|---------------------------------|---|---------------------|
| 278421 | Holly Refining & Marketing PO Box 159 Artesia, NM 88210 | O |
| 151618 | Enterprise Field Services PO Box 4503 Houston, TX 77210 | G |

**NM OIL CONSERVATION
ARTESIA DISTRICT
OCT 04 2018
RECEIVED**

IV. Well Completion Data

| | | | | | |
|-------------------------------------|--------------------------------------|-------------------------------------|------------------------------|--|-----------------------|
| ²¹ Spud Date 05/22/18 | ²² Ready Date 09/19/18 | ²³ TD 17345' / 17689' | ²⁴ PBTD 17315' | ²⁵ Perforations 7855' - 17305' | ²⁶ DHC, MC |
| ²⁷ Hole Size | ²⁸ Casing & Tubing Size | ²⁹ Depth Set | ³⁰ Sacks Cement | | |
| 17 1/2" | 13 3/4" | 290' | 530 - cur | | |
| 12 1/4" | 9 5/8" | 1135' | 450 - cur | | |
| 8 3/4" | 7" | 7830' | 1000 - cur | | |
| 6 1/4" | 4 1/2" | 7028' - 17305' | 560 500 - cur | | |
| | 3 1/2" | 6997' | | | |

V. Well Test Data

| | | | | | |
|--|---|-------------------------------------|-------------------------------------|------------------------------------|---|
| ³¹ Date New Oil 09/19/18 | ³² Gas Delivery Date 09/19/18 | ³³ Test Date 09/23/18 | ³⁴ Test Length 24 hrs | ³⁵ Tbg. Pressure 300 | ³⁶ Csg. Pressure 1100 |
| ³⁷ Choke Size NA | ³⁸ Oil 509 | ³⁹ Water 2352 | ⁴⁰ Gas 247 | | 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: 10/02/18 Phone: 575-393-5905

OIL CONSERVATION DIVISION
Approved by: *Buster Klein*
Title: Business Ops Spec A
Approval Date: 10-5-2018

Pending BLM approvals will subsequently be reviewed and scanned

**NM OIL CONSERVATION
ARTESIA DISTRICT**

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCT 04 2018

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG RECEIVED

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.
PAVO MACHO 31/32 B2DA FED COM 1H

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 31 T18S R29E Mer
At surface NWNW Lot 1 660FNL 185FWL
Sec 31 T18S R29E Mer NMP
At top prod interval reported below NWNW 891FNL 499FWL
Sec 32 T18S R29E Mer NMP
At total depth NENE 896FNL 335FEL

9. API Well No.
30-015-43787

10. Field and Pool, or Exploratory
PALMILLO BONE SPRING EAST

11. Sec., T., R., M., or Block and Survey
or Area Sec 31 T18S R29E Mer

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
05/22/2018

15. Date T.D. Reached
06/16/2018

16. Date Completed
 D & A Ready to Prod.
09/19/2018

17. Elevations (DF, KB, RT, GL)*
3418 GL

18. Total Depth: MD 17345 TVD 7687

19. Plug Back T.D.: MD 17315 TVD 7687

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CCL/GR/CNL/CBL

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 |
|-----------|--------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 12.250 | 9.625 J55 | 40.0 | 0 | 122 | | 0 | 0 | 0 | |
| 17.500 | 13.375 J55 | 54.5 | 0 | 290 | | C 530 | 133 | 0 | |
| 8.750 | 7.000 HCP110 | 26.0 | 0 | 7830 | | C 1000 | 371 | 0 | |
| 12.250 | 9.625 J55 | 36.0 | 122 | 1007 | | 0 | 0 | 0 | |
| 12.250 | 9.625 HCL80 | 40.0 | 1007 | 1135 | | C 450 | 120 | 0 | |
| 6.125 | 4.500 HCP110 | 13.5 | 7028 | 17305 | | C 560 | 257 | 0 | AB |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 3.500 | 6997 | 6984 | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|----------------|------|--------|---------------------|-------|-----------|--------------|
| A) BONE SPRING | 7262 | 17345 | 7855 TO 17305 | 0.390 | 1620 | OPEN |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

26. Perforation Record

| Depth Interval | Amount and Type of Material |
|----------------|--|
| 7855 TO 17305 | 18,594,366 GALS SLICKWATER CARRYING 13,098,840# LOCAL 100 MESH SAND & 5,866,620 LOCAL 40/70 SAND |

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

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 09/19/2018 | 09/23/2018 | 24 | → | 509.0 | 247.0 | 2352.0 | 40.0 | 0.71 | 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 | 300 | 1100.0 | → | 509 | 247 | 2352 | 485 | 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

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #438014 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OF

...ITED **

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 | 7262 | 17345 | OIL, WATER & GAS | CASTILE B/SALT YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES BONE SPRING | 415 681 862 1206 1788 2150 2627 3268 |

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 #438014 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 10/02/2018

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 ****

**NM OIL CONSERVATION
ARTESIA DISTRICT**

Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCT 04 2018

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.
NMNM56426

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.
PAVO MACHO 31/32 B2DA FED COM 1H

9. API Well No.
30-015-43787

10. Field and Pool or Exploratory Area
PALMILLO EAST BONE SPRING

11. County or Parish, State
EDDY COUNTY, NM

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: 575-393-5905

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 31 T18S R29E Mer NMP NWNW 660FNL 185FWL

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.

09/11/18 Frac Bone Springs from 7855' MD (7564' TVD) to 17305' MD (7687' TVD). 1620 holes, 0.39" EHD, 120 degree phasing. Frac in 46 stages w/18,594,366 gals slickwater, carrying 13,098,840# Local 100 Mesh Sand & 5,866,620# 40/70 local Sand.

Flowback well for cleanup.

09/07/18 RIH w/3 1/2" 9.3# L80 tbg & GLVs to 6997'

09/19/18 PWOL for production.

Bond on file: NM1693 nationwide & NMB000919

*Pending BLM approvals will
subsequently be reviewed
and scanned*

10-4-18

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

**Electronic Submission #438003 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 **10/02/2018**

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 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.

(Instructions on page 2)

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

Additional data for EC transaction #438003 that would not fit on the form

32. Additional remarks, continued

Bond on file: 22015694 nationwide & 022041703 Statewide