

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 Mack Energy Coporation P.O. Box 960 Artesia, NM 88210 | | 2 OGRID Number 013837 |
| | | 3 Reason for Filing Code/ Effective Date NW |
| 4 API Number 30-005-64207 | 5 Pool Name Round Tank; San Andres | 6 Pool Code 52770 |
| 7 Property Code 37026 | 8 Property Name Seahawks Federal | 9 Well Number 2 |

II. ¹⁰ Surface Location

| | | | | | | | | | |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| UI or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
| I | 19 | 15S | 29E | | 1588 | South | 859 | East | Chaves |

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 |
| I | 19 | 15S | 29E | | 1656 | South | 947 | East | Chaves |
| 12 Lse Code F | 13 Producing Method Code P | 14 Gas Connection Date | 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 Marketing & Refining Co LLC P.O. Box 1600 Artesia, NM 88211-1600 | O |
| 036788 | DCP Midstream 4001 Penbrook Odessa, TX 79762 | G |
| NM OIL CONSERVATION ARTESIA DISTRICT JAN 06 2015 RECEIVED | | |

IV. Well Completion Data

| | | | | | |
|----------------------------|--|----------------------|--------------------------|-----------------------------------|------------|
| 21 Spud Date 10/17/2014 | 22 Ready Date 12/2/2014 | 23 TD 3435' | 24 PBTD 3383' | 25 Perforations 2854.5-3262.5' | 26 DHC, MC |
| 27 Hole Size 12 1/4 | 28 Casing & Tubing Size 8 5/8" J-55 | 29 Depth Set 423' | 30 Sacks Cement 500sx | | |
| 7 7/8 | 5 1/2" L-80 | 3430' | 650sx | | |
| | 2 7/8 L-80 | 3275' | | | |

V. Well Test Data

| | | | | | |
|-----------------------------|----------------------------------|----------------------------|----------------------------|---------------------------|------------------|
| 31 Date New Oil 12/14/14 | 32 Gas Delivery Date 12/14/14 | 33 Test Date 12/22/2014 | 34 Test Length 24 hours | 35 Tbg. Pressure | 36 Csg. Pressure |
| 37 Choke Size 47 | 38 Oil | 39 Water 350 | 40 Gas 70 | 41 Test Method Pumping | |

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: *Deana Weaver*

Printed name: Deana Weaver

Title: Production Clerk

E-mail Address: dweaver@mec.com

Date: 1.5.15

Phone: (575) 748-1288

Approved by:

Title:

Approval Date: 1/7/2015

Pending BLM approvals will subsequently be reviewed and scanned

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.
NMNM132677

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

8. Well Name and No.
SEAHAWKS FEDERAL 2

2. Name of Operator
MACK ENERGY CORPORATION

Contact: ROBERT CHASE
E-Mail: JERRYS@MEC.COM

9. API Well No.
30-005-64207

3a. Address
P.O. BOX 960
ARTESIA, NM 88210

3b. Phone No. (include area code)
Ph: 575-748-1288
Fx: 575-746-9539

10. Field and Pool, or Exploratory
ROUND TANK SAN ANDRES

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 19 T15S R29E NESE 1588FSL 859FEL

11. County or Parish, and State

CHAVES 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 Production Start-up |
| | <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 recomple 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 recomple 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.)

11/10/2014 PERFORATED 3106-3262.5' W/ 40 HOLES.
11/12/2014 ACIDIZED W/ 43 BBLS 15% ACID & 120 BALLS.
11/25/2014 FRAC W/ 14,849 BBLS SLICKWATER, 35,889# 100 MESH, 168,984# WHITESAND 40/70. SET COMP. PLUG @ 3095'. PERFORATED 2854.5-3074.5' W/ 40 HOLES. ACIDIZED W/ 1,000 GALS 15% HCL ACID & 120 BALLS. FRAC W/ 12,675 BBLS SLICKWATER, 28,573# 100 MESH, 152,907# WHITESAND 40/70.
12/1/2014 DRILLED OUT PLUG @ 3095'. RIH W/ 100JTS 2 7/8", J-55 6.5# TUBING, SN @ 3275', 2 1/2 X 2 X 16' PUMP.

NM OIL CONSERVATION
ARTESIA DISTRICT

JAN 06 2015

RECEIVED

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

**Electronic Submission #286810 verified by the BLM Well Information System
For MACK ENERGY CORPORATION, sent to the Roswell**

Name (Printed/Typed) DEANA WEAVER

Title PRODUCTION CLERK

Signature (Electronic Submission)

Date 01/05/2015

THIS SPACE FOR FEDERAL OR STATE C

Pending BLM approvals will
subsequently be reviewed
and scanned *AD 1/7/15*

Approved By _____
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.

Title

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.

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

NM OIL CONSERVATION
ARTESIA DISTRICT

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JAN 06 2015

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.
NMNM132677

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

6. If Indian, Allottee or Tribe Name _____

7. Unit or CA Agreement Name and No. _____

2. Name of Operator
MACK ENERGY CORPORATION. Contact: ROBERT CHASE
E-Mail: JERRYS@MEC.COM

8. Lease Name and Well No.
SEAHAWKS FEDERAL 2

3. Address
P.O. BOX 960
ARTESIA, NM 88210

3a. Phone No. (include area code)
Ph: 575-748-1288

9. API Well No.
30-005-64207

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface NESE 1588FSL 859FEL

At top prod interval reported below NESE 1656FSL 947FEL

At total depth NESE 1656FSL 947FEL

10. Field and Pool, or Exploratory
ROUND TANK SAN ANDRES

11. Sec., T., R., M., or Block and Survey
or Area Sec 19 T15S R29E Mer

12. County or Parish
CHAVES

13. State
NM

14. Date Spudded
10/17/2014

15. Date T.D. Reached
10/21/2014

16. Date Completed
☐ D & A ☒ Ready to Prod.
12/02/2014

17. Elevations (DF, KB, RT, GL)*
3746 GL

18. Total Depth: MD 3435
TVD

19. Plug Back T.D.: MD 3383
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CNL DLL FDC 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 |
|-----------|------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 12.250 | 8.625 J55 | 32.0 | 0 | 423 | | 500 | | 0 | 0 |
| 7.875 | 5.500 L80 | 17.0 | 0 | 3430 | | 650 | | 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 | 3275 | | | | | | | |

25. Producing Intervals

26. Perforation Record

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-----------------------|------|--------|---------------------|-------|-----------|--------------|
| ROUND TANK SAN ANDRES | 2854 | 3074 | 2854 TO 3074 | 0.420 | 40 | OPEN |
| ROUND TANK SAN ANDRES | 3106 | 3262 | 3106 TO 3262 | 0.420 | 40 | OPEN |
| C) | | | | | | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------|--|
| 2854 TO 3074 | 1000GALS ACID, 12,675BBL Slickwater, 28,573# 100 MESH, 152,907# WHITESAND 40/70. |
| 3106 TO 3262 | 43BBL ACID, 14,849BBL Slickwater, 35,889# 100 MESH, 168,984# WHITESAND 40/70. |

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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-----------------------|
| 12/14/2014 | 12/22/2014 | 24 | → | 47.0 | 70.0 | 350.0 | 36.5 | 0.60 | ELECTRIC PUMPING UNIT |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| | | | → | 47 | 70 | 350 | 1489 | 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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|
| | | | → | | | | | |
| 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
MD 1/7/2015

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

ELECTRONIC SUBMISSION #286809 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** 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 |
|---------------------|--------------|--------------|--|--|-------------------------------------|
| QUEEN SAN ANDRES | 1566 2850 | 1573 3270 | SAND, OIL/GAS/WATER DOLOMITE, OIL/GAS/WATER | YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES | 807 1040 1534 1930 2232 |

32. Additional remarks (include plugging procedure):

11/10/2014 PERFORATED 3106-3262.5' W/ 40 HOLES.
11/12/2014 ACIDIZED W/ 43BBLS 15% ACID & 120 BALLS.
11/25/2014 FRAC W/ 14849 BBLS SLICKWATER, 35,889# 100 MESH, 168,984# WHITESAND 40/70.
SET COMP PLUG @ 3095'. PERFORATED 2854.5-3074.5' W/ 40 HOLES. ACIDIZED W/ 1000 GALS 15% HCL ACID & 120 BALLS. FRAC W/ 12,675BBLS SLICKWATER, 28,573# 100 MESH, 152,907# WHITESAND 40/70.
12/1/2014 DRILLED OUT-PLUG @ 3095'. RIH W/ 100JTS 2 7/8" J-55 6.5# TUBING SN @ 3275, 2 1/2 X 2 X 16' PUMP.

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 #286809 Verified by the BLM Well Information System.
For MACK ENERGY CORPORATION, sent to the Roswell

Name (please print) DEANA WEAVERTitle PRODUCTION CLERK

Signature _____ (Electronic Submission)

Date 01/05/2015

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 ****