

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Sarah Cottrell Propst
Cabinet Secretary

Todd E. Leahy, JD, PhD
Deputy Secretary

Adrienne Sandoval, Division Director
Oil Conservation Division



Operator Notice Regarding C-104 Denial and Request for Information

OCD is providing notice to operators that it will deny your C-104 – *Request for Allowable and Authorization to Transport* if it fails to provide complete and accurate information, including:

Test Allowable, New Well and Recompleted Well

- ☐ C-103 (or BLM equivalent) for all casing strings
 - ☐ Spud Notice
 - ☐ Surface Casing
 - ☐ Intermediate Casing (if applicable)
 - ☐ Additional Intermediate Casing (if applicable)
 - ☐ Production Casing or Liner
- ☐ Applicable Order (NSL, NSP, Other _____)
- ☐ Deviation Survey for Vertical Wells
- ☐ Directional Survey
- ☐ C-102 (As-Drilled Plat for Horizontal Well)

New Well and Recompleted Well Only

- ☒ C-103 Completion Sundry (or BLM equivalent)
- ☐ C-105 Completion Report (or BLM equivalent)
- ☐ All Logs Run on Well

*PROVE READY DATE WORKOVER
SUNDY HAS A
Rig Down Date 10/1/19*

The sale or transport of product without an approved C-104 violates the Oil and Gas Act and the implementing rules, including 19.15.7.15 and 19.15.16.19 NMAC. If OCD determines that your C-104 is incomplete or inaccurate, it will give you notice to resubmit your C-104 within 30 days. Failure to comply with this notice may result in enforcement action.

If you have any questions, please contact the local OCD District Office.

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

NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-104
Revised August 1, 2011

NOV 05 2019

Submit one copy to appropriate District Office

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

RECEIVED

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

| | | |
|--|--|--|
| ¹ Operator name and Address OXY USA INC. P.O. BOX 50250 MIDLAND, TX 79710 | | ² OGRID Number 16696 |
| | | ³ Reason for Filing Code/ Effective Date – NW |
| ⁴ API Number 30 – 015-45565 | ⁵ Pool Name PIERCE CROSSING; BONE SPRING | ⁶ Pool Code 50371 |
| ⁷ Property Code: 323007 | ⁸ Property Name: LENGTH CC 6-7 FEDERAL COM | ⁹ Well Number: 22H |

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 | 6 | 24S | 29E | | 548 | NORTH | 744 | WEST | EDDY |

¹¹ Bottom Hole Location FTP- 230' FNL 1293' FWL LTP- 134' FSL 1352' FWL

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|-----------------------------|--|---|-----------------------------------|------------------------------------|-------------------------------------|------------------|---------------|----------------|--------|
| M | 7 | 24S | 29E | | 25 | SOUTH | 1353 | WEST | EDDY |
| ¹² Lse Code F | ¹³ Producing Method Code : P | ¹⁴ Gas Connection Date: 730/19 | 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 |
|------------------------------------|---|---------------------|
| 214754 | LPC CRUDE OIL, INC. | O |
| 151618 | ENTERPRISE FIELD SERVICES LLC | G |
| | | |
| | | |
| | | |
| | | |
| | | |

IV. Well Completion Data

| | | | | | |
|------------------------------------|-------------------------------------|------------------------------------|--------------------------------------|---|-----------------------|
| ²¹ Spud Date 2/14/19 | ²² Ready Date 7/30/19 | ²³ TD 18809'M 8441'V | ²⁴ PBTD 18744'M 8442'V | ²⁵ Perforations 8327-18699' | ²⁶ DHC, MC |
| ²⁷ Hole Size | ²⁸ Casing & Tubing Size | ²⁹ Depth Set | ³⁰ Sacks Cement | | |
| 14-3/4" | 10-3/4" | 400' | 420 | | |
| 9-7/8" | 7-5/8" | 7803' | 1974 | | |
| 6-3/4" | 5-1/2" | 18801' | 881 | | |
| | 2-3/8" | 8362' | n/a | | |

V. Well Test Data

| | | | | | |
|---------------------------------------|--|-----------------------------------|--------------------------------------|-----------------------------|------------------------------------|
| ³¹ Date New Oil 7/30/19 | ³² Gas Delivery Date 7/30/19 | ³³ Test Date 8/1/19 | ³⁴ Test Length 24 HRS. | ³⁵ Tbg. Pressure | ³⁶ Csg. Pressure 890 |
| ³⁷ Choke Size 39/128 | ³⁸ Oil 2902 | ³⁹ Water 9202 | ⁴⁰ Gas 3716 | | ⁴¹ Test Method F |

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:

Printed name:

Jana Mendiola

Title:

Regulatory Specialist

E-mail Address:

Janalyn_mendiola@oxy.com

Date: 10/30/2019

Phone: 432-685-5936

Approved by:

Title:

Appr:

OIL CONSERVATION DIVISION

DENIED
See Attached Cover Sheet

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.
NMNM13996

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
LENGTH CC 6-7 FEDERAL COM 22H

9. API Well No.
30-015-45565

10. Field and Pool, or Exploratory
PIERCE CROSSING; BN SPRG

11. Sec., T., R., M., or Block and Survey
or Area Sec 6 T24S R29E Mer NMP

12. County or Parish
EDDY

13. State
NM

17. Elevations (DF, KB, RT, GL)*
2963 GL

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

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
OXY USA INC.

Contact: JANA MENDIOLA
E-Mail: janalyn_mendiola@oxy.com

3. Address P.O. BOX 50250
MIDLAND, TX 79710

3a. Phone No. (include area code)
Ph: 432-685-5936

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 6 T24S R29E Mer NMP
At surface NWNW 548FNL 744FWL 32.252795 N Lat, 104.029938 W Lon
Sec 6 T24S R29E Mer NMP
At top prod interval reported below NWNW 230FNL 1293FWL 32.253670 N Lat, 104.028160 W Lon
Sec 7 T24S R29E Mer NMP
At total depth SESW 25FSL 1353FWL 32.225070 N Lat, 104.028060 W Lon

14. Date Spudded
02/14/2019

15. Date T.D. Reached
05/24/2019

16. Date Completed
☐ D & A ☒ Ready to Prod.
07/30/2019

18. Total Depth: MD 18809
TVD 8441

19. Plug Back T.D.: MD 18744
TVD 8442

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GAMMA RAY

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 Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|-------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 14.750 | 10.750 J55 | 45.5 | 0 | 400 | | 420 | 102 | 0 | |
| 9.875 | 7.625 HCL80 | 26.4 | 0 | 7803 | | 1974 | 642 | 0 | |
| 6.750 | 5.500 P110 | 20.0 | 0 | 18801 | | 881 | 217 | 7203 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.375 | 8362 | | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|---------------------|------|--------|---------------------|-------|-----------|--------------|
| A) 2ND BONE SPRINGS | 8327 | 18699 | 8327 TO 18699 | 0.370 | 1248 | ACTIVE |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------|---|
| 8327 TO 18699 | 8817060G SLICKWATER + 1008G 7.5% HCL ACID W/ 15584545# 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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 07/30/2019 | 08/01/2019 | 24 | → | 2902.0 | 3716.0 | 9202.0 | | | GAS LIFT |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| 39/128 | SI | 890.0 | → | 2902 | 3716 | 9202 | 1280 | 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 | |
| | SI | | → | | | | | | |

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

ELECTRONIC SUBMISSION #490431 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 |
|-----------------|------|--------|------------------------------|---------------|--------------------|
| BELL CANYON | 2790 | 3665 | OIL, GAS, WATER | RUSTLER | 303 |
| CHERRY CANYON | 3666 | 4872 | OIL, GAS, WATER | SALADO | 582 |
| BRUSHY CANYON | 4873 | 6542 | OIL, GAS, WATER | CASTILE | 1436 |
| BONE SPRING | 6543 | 7529 | OIL, GAS, WATER | LAMAR | 2760 |
| 1ST BONE SPRING | 7530 | 8295 | OIL, GAS, WATER | BELL CANYON | 2790 |
| 2ND BONE SPRING | 8296 | 8441 | OIL, GAS, WATER | CHERRY CANYON | 3666 |
| | | | | BRUSHY CANYON | 4873 |
| | | | | BONE SPRING | 6543 |

32. Additional remarks (include plugging procedure):
52. FORMATION (LOG) MARKERS CONTD.

1ST BONE SPRING 7530' MD
2ND BONE SPRING 8296' MD

Logs were mailed 11/1/19.

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 #490431 Verified by the BLM Well Information System.
For OXY USA INC., sent to the Carlsbad

Name (please print) JANA MENDIOLA

Title REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 10/30/2019

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.

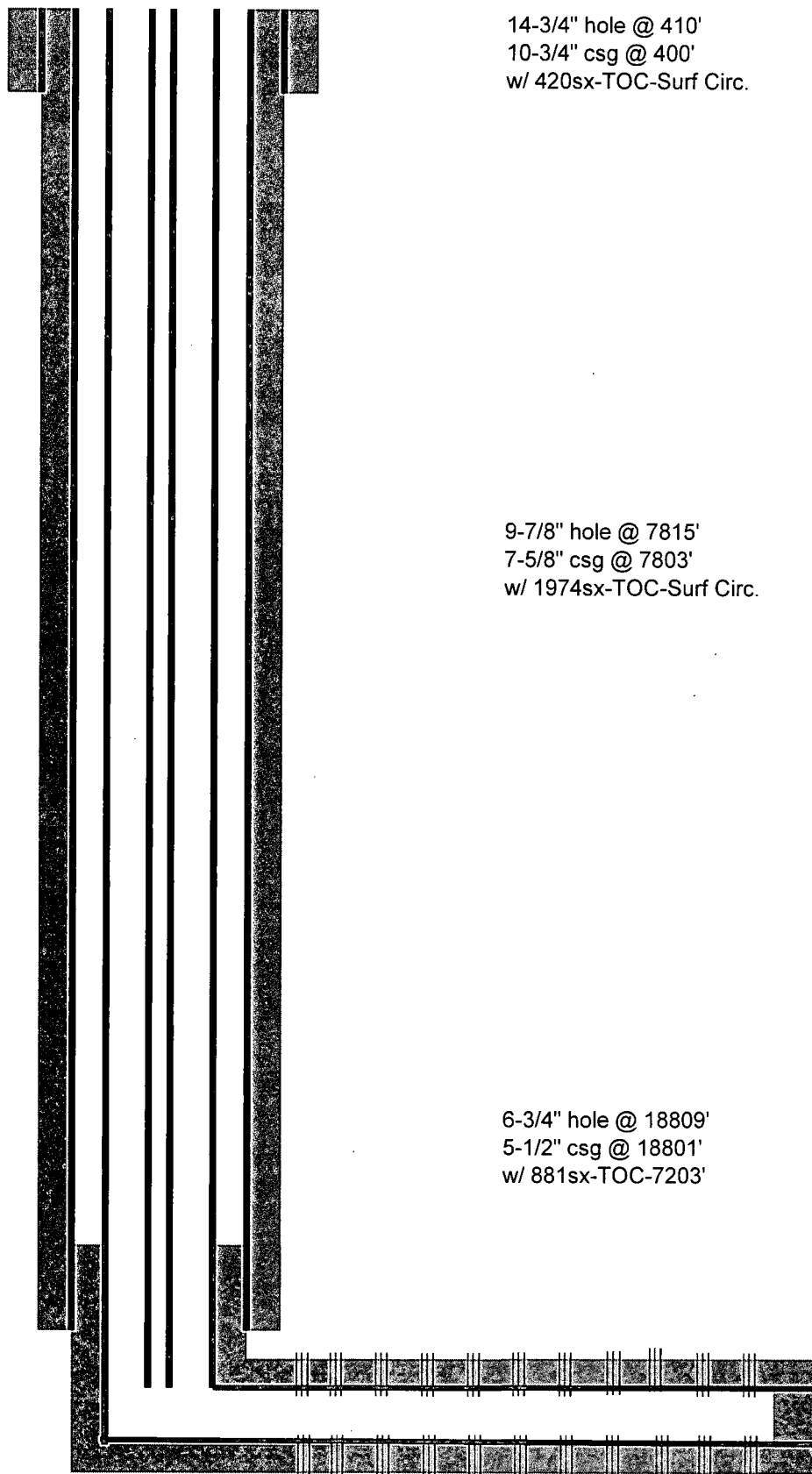
** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

Additional data for transaction #490431 that would not fit on the form

32. Additional remarks, continued

Log Header, Directional Survey, As-Drilled Amended C-102 plat & WBD are attached.

OXY USA Inc.
Length CC 6-7 Federal Com 22H
API No. 30-015-45565



2-3/8" tbg w/ gas lift @ 8362'

Perfs @ 8327-18699'

TD- 18809'M 8441V