

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 Cimarex Energy Co. of Colorado 600 N. Marienfeld St. Suite 600 Midland, TX 7901 | | ² OGRID Number 162683 |
| | | ³ Reason for Filing Code/ Effective Date NW |
| ⁴ API Number 30-025-42325 | ⁵ Pool Name Bobcat Draw; Upper Wolfcamp | ⁶ Pool Code 98094 |
| ⁷ Property Code 300545 | ⁸ Property Name Red Hills Unit | ⁹ Well Number 17H |

II. ¹⁰Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D | 33 | 25S | 33E | | 504 | North | 564 | West | Lea |

¹¹Bottom Hole Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| M | 4 | 26S | 33E | | 344 | South | 382 | West | Lea |

| 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 | P | 08/28/2018 | | | |

III. Oil and Gas Transporters

| ¹⁸ Transporter OGRID | ¹⁹ Transporter Name and Address | ²⁰ O/G/W |
|---------------------------------|--|---------------------|
| 21778 | Sunoco R&M PO Box 2039 Tulsa OK 74102 | O |
| 151618 | Enterprise Field Services LLC PO Box 4503 Houston TX 77210 | G |
| HOBBS OCD | | |
| NOV 29 2018 | | |
| RECEIVED | | |

IV. Well Completion Data

| ²¹ Spud Date | ²² Ready Date | ²³ TD | ²⁴ PBDT | ²⁵ Perforations | ²⁶ DHC, MC |
|-------------------------|------------------------------------|-------------------------|----------------------------|----------------------------|-----------------------|
| 03/08/2018 | 9-3-18 | 21,823' / 23,800' | 21,796' | 12,692'-21,786' | |
| ²⁷ Hole Size | ²⁸ Casing & Tubing Size | ²⁹ Depth Set | ³⁰ Sacks Cement | | |
| 14-3/4" | 10-3/4" | 1057' | 870 sx - TOC 0 | | |
| 9-7/8" | 7-5/8" | 12,497' | 2110 sx - TOC 0 | | |
| 6-3/4" | 5-1/2" / 5" | 11,737' / 21,823' | 1100 sx - TOC @ 4900' | | |
| <i>Log exemption</i> | | | | | |

V. Well Test Data

| ³¹ Date New Oil | ³² Gas Delivery Date | ³³ Test Date | ³⁴ Test Length | ³⁵ Tbg. Pressure | ³⁶ Csg. Pressure |
|----------------------------|---------------------------------|-------------------------|---------------------------|-----------------------------|-----------------------------|
| 9-3-18 | 08/28/2018 | 09/13/2018 | 24 | 0 | 4144 |
| ³⁷ Choke Size | ³⁸ Oil | ³⁹ Water | ⁴⁰ Gas | ⁴¹ Test Method | |
| 30 | 2367 | 4916 | 0 | P | |

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:
Fatima Vasquez
Title:
Regulatory Analyst
E-mail Address:
fvasquez@cimarex.com

Date:
11/07/2018
Phone:
(432) 620-1933

OIL CONSERVATION DIVISION

Approved by: _____
Title: Staff Mgr
Approval Date: 11-29-18

Documents pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD
NOV 29 2018
RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT

5. Lease Serial No. NMNM05792

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. NMNM71019X

8. Lease Name and Well No. RED HILLS UNIT 17H

9. API Well No. 30-025-42325

10. Field and Pool, or Exploratory - BOBCAT DRAW; UP WOLFCAMP

11. Sec., T., R., M., or Block and Survey or Area Sec 33 T25S R33E Mer

12. County or Parish LEA 13. State NM

14. Date Spudded 03/08/2018 15. Date T.D. Reached 04/08/2018 16. Date Completed 9-3-18
 D & A Ready to Prod. 17. Elevations (DF, KB, RT, GL)* 3373 GL

18. Total Depth: MD 21823 TVD 12380 19. Plug Back T.D.: MD 21796 TVD 20. Depth Bridge Plug Set: MD TVD

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

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 |
|-----------|---------------|------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 14.750 | 10.750 J-55 | 45.5 | 0 | 1057 | | 870 | | 0 | |
| 6.750 | 5.500 HCP-110 | 23.0 | 0 | 11737 | | | | 4900 | |
| 9.875 | 7.625 L-80 | 29.7 | 0 | 12497 | | 2110 | | 0 | |
| 6.750 | 5.000 P-110 | 18.0 | 11739 | 14140 | | | | 4900 | |
| 6.750 | 5.000 HCP-110 | 18.0 | 14140 | 21796 | | | | 4900 | |
| 6.750 | 5.000 P-110 | 18.0 | 21796 | 21823 | | 1100 | | 4900 | |

24. Tubing Record

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

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-------------|-------|--------|---------------------|------|-----------|--------------|
| A) WOLFCAMP | 12137 | | 12692 TO 21786 | | 1484 | PRODUCING |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------|---------------------------------------|
| 12692 TO 21786 | 535,699 BBLs FLUID & 26,247,021# 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 |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | 09/13/2018 | 24 | ▶ | 2367.0 | 0.0 | 4916.0 | 49.0 | | FLOWS FROM WELL |
| Choke Size | Tbg. Press. Flwg. | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| 30 | SI | 4144.0 | ▶ | 2367 | 0 | 4916 | 2077 | 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. | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | |
| | SI | | ▶ | | | | | |

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

ELECTRONIC SUBMISSION #443369 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Documents pending BLM approvals will subsequently be reviewed and scanned

OMMITTED **

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 WOLFCAMP | 9055 12137 | 12137 | OIL, GAS & WATER OIL, GAS & WATER | RUSTLER TOP OF SALT | 926 1260 |

32. Additional remarks (include plugging procedure):

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 #443369 Verified by the BLM Well Information System.
For CIMAREX ENERGY CO OF COLORADO, sent to the Hobbs**

Name (please print) FATIMA VASQUEZ Title REGULATORY ANALYST

Signature (Electronic Submission) Date 11/08/2018

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 ****