

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. Maricopa St. Suite 600 Midland, TX 79701		² OGRID Number 162683
		³ Reason for Filing Code/ Effective Date NW / 08/28/2018
⁴ API Number 30-025-42324	⁵ Pool Name WC-025 G-06 S253329D; Upper Bone Spring	⁶ Pool Code 97994
⁷ Property Code 300545	⁸ Property Name Red Hills Unit	⁹ Well Number 16H

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	33	25S	33E		506	North	584	West	Lea

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
M	4	26S	33E		344	South	382	West	Lea
¹² Lsc Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 08/28/2018	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
21778	Sunoco R&M PO Box 2039 Tulsa OK 74102	O
174238	Enterprise Crude Oil LLC 210 Park Ave., Suite 1600 Oklahoma City, OK 7310	G
HOBBS OCD		
OCT 17 2018		
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IV. Well Completion Data

V- 9251

²¹ Spud Date 04/14/2018	²² Ready Date 08/28/2018	²³ TD 18,723'	²⁴ PBTD 18,698'	²⁵ Perforations 9,503'-18,673'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	1050'	875 sx - TOC		
12-1/4"	9-5/8"	4871'	1725 sx - TOC		
8-3/4"	5-1/2"	18,723'	3510 sx - TOC		
Tubing	3-1/2"	8684'			

V. Well Test Data

³¹ Date New Oil 08/28/2018	³² Gas Delivery Date 08/28/2018	³³ Test Date 09/15/2018	³⁴ Test Length 24	³⁵ Tbg. Pressure 460	³⁶ Csg. Pressure 0
³⁷ Choke Size 60	³⁸ Oil 521	³⁹ Water 3865	⁴⁰ Gas 954		⁴¹ Test Method 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: 

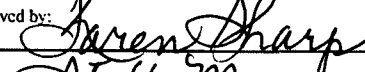
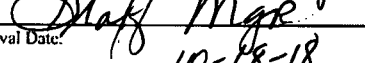
Printed name:
Fatima Vasquez

Title:
Regulatory Analyst

E-mail Address:
fvasquez@cimarex.com

Date:
10/08/2018

Phone:
(432) 620-1933

OIL CONSERVATION DIVISION
Approved by: 
Title: 
Approval Date: 10-18-18

Documents pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.
NMNM05792

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM71019X8. Well Name and No.
RED HILLS UNIT 16H9. API Well No.
30-025-4232410. Field and Pool or Exploratory Area
WC-025 G-06 S253329D;U BS11. County or Parish, State
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

CIMAREX ENERGY CO OF COLORADO

Contact: FATIMA VASQUEZ

Email: fvasquez@cimarex.com

3a. Address

600 N MARIENFELD ST SUITE 600
MIDLAND, TX 79701

3b. Phone No. (include area code)

Ph: 432-620-1933

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

Sec 33 T25S R33E NWNW 506FNL 584FWL
32.092914 N Lat, 103.583892 W Lon**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	Production Start-up
	<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 recompleat 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 recompleat 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.

06/26/2018 Test csg to 2,250 psi for 30 minutes. OK. SWI.

07/19/2018 to

08/04/2018 Perf Bone Spring @ 9,503'-18,673', 1100 holes, .41". Frac w/ 436,880 bbls total fluid & 21,683,876# sand.

08/14/2018 DO plugs.

08/22/2018 Continue DO plugs & CO to PBTD @ 18,698'.

08/23/2018 Flowback well. SI.

08/27/2018 RIH w/ 3-1/2" 9.3# P-110 RTS8 prod tbg & pkr set @ 8684'.

08/28/2018 Turn well to production.

HOBBS OCD

OCT 17 2018

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

Electronic Submission #438608 verified by the BLM Well Information System
For CIMAREX ENERGY CO OF COLORADO, sent to the Hobbs

Name (Printed/Typed) FATIMA VASQUEZ

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 10/08/2018

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 _____

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 States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Documents pending BLM approvals will
subsequently be reviewed and scanned

(Instructions on page 2)

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

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.
NMNM05792

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.
NMNM71019X

2. Name of Operator
CIMAREX ENERGY CO OF COLORADO
Contact: FATIMA VASQUEZ
Email: fvasquez@cimarex.com

8. Lease Name and Well No.
RED HILLS UNIT 16H

3. Address 600 N MARIENFELD ST SUITE 600
MIDLAND, TX 79701

3a. Phone No. (include area code)
Ph: 432-620-1933

9. API Well No.
30-025-42324

4. Location of Well (Report location clearly and in accordance with Federal requirements)
Sec 33 T25S R33E Mer
At surface NWNW 506FNL 584FWL 32.092914 N Lat, 103.583892 W Lon
At top prod interval reported below
Sec 4 T26S R33E Mer
At total depth SWSW 344FSL 382FWL

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10. Field and Pool, or Exploratory
WC-025 G-06 S253329D;U BS

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
04/14/2018

15. Date T.D. Reached
05/09/2018

16. Date Completed
☐ D & A ☒ Ready to Prod.
08/28/2018

17. Elevations (DF, KB, RT, GL)*
3372 GL

18. Total Depth: MD
TVD 18723
9251

19. Plug Back T.D.: MD
TVD 18698

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
17.500	13.375 J-55	48.0	0	1050		875		0	
8.750	5.500 P-110	20.0	20	18723		3510		0	
12.250	9.625 J-55	40.0	31	4871		1725		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)
3.500	8684	8684						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9000		9503 TO 18673		1100	PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9503 TO 18673	436,880 BBLs FLUID & 21,683,876# 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
08/28/2018	09/15/2018	24	→	521.0	954.0	3865.0	49.0		FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
60	460	0.0	→	521	954	3865	1831	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	
			→						

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

ELECTRONIC SUBMISSION #438694 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Documents pending BLM approvals will subsequently be reviewed and scanned

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.)
FLARED

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	9000			RUSTLER TOP OF SALT	950 1270

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 #438694 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 10/08/2018

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.

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