

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

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

RECEIVED

Form C-104
Revised August 1, 2011

Submit on or before appropriate District Office

☐ AMENDED REPORT
DISTRICT II-ARTESIA O.C.D.

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Cimarex Energy Co. 600 N. Marienfeld, Ste 600 Midland, Tx 79701		² OGRID Number 215099
		³ Reason for Filing Code/ Effective Date N/W 09/27/2018
⁴ API Number 30-015-45039	⁵ Pool Name WC-015 G-04 S262625B; Bone Spring	⁶ Pool Code 98018
⁷ Property Code 40412	⁸ Property Name Foxy 31 Federal Com	⁹ Well Number 1H

II. ¹⁰Surface Location

UL or lot no. A	Section 31	Township 26S	Range 27E	Lot Idn	Feet from the 525	North/South Line North	Feet from the 270	East/West line East	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. D I	Section 31	Township 26S	Range 27E	Lot Idn	Feet from the 404	North/South line North	Feet from the 104	East/West line West	County Eddy
¹² Lse Code	¹³ Producing Method Code GL	¹⁴ Gas Connection Date 9/30/2018	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
33479	Holly Frontier Refining & Marketing, LLC 1700 S. Union Ave Tulsa OK 74107	O
36785	DCP Midstream 370 17th St., Ste 2500 Denver, CO	G

IV. Well Completion Data

²¹ Spud Date 08/09/2018	²² Ready Date 09/27/2018	²³ TD 12,112' / 12,110'	²⁴ PBDT 12,112'	²⁵ Perforations 7,280'-12,062'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2	13 3/8"	375'	500 sx -TOC @ 0 -cuc		
12-1/4"	9-5/8"	1,898'	775 sx -TOC @ 0 -cuc		
8 3/4"	5-1/2"	12,112'	2430 sx - TOC @ 0 -cuc		
	2-7/8"	6,771'			

V. Well Test Data

³¹ Date New Oil 09/27/2018	³² Gas Delivery Date 9/30/2018	³³ Test Date 10/24/2018	³⁴ Test Length 24	³⁵ Tbg. Pressure 1467	³⁶ Csg. Pressure 848
³⁷ Choke Size 62	³⁸ Oil 982	³⁹ Water 1713	⁴⁰ Gas 4992		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:
Terri Stathem

Title:
Regulatory Compliance

E-mail Address:
tstathem@cimarex.com

Date:
12/18/18

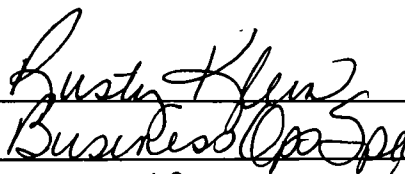
Phone:
4326201936

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:


Business Operator
12-26-2018

Pending BLM approvals will subsequently be reviewed and scanned

DEC 24 2018

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

DISTRICT II-ARTESIA O.C.D.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM117116

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator CIMAREX ENERGY COMPANY			Contact: TERRI STATHEM E-Mail: tstathem@cimarex.com		
3. Address 600 N. MARIENFELD ST, STE 600 MIDLAND, TX 79701			3a. Phone No. (include area code) Ph: 432-620-1936		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENE 525FNL 270FEL At top prod interval reported below NENE 525FNL 270FEL At total depth NWNW Lot 1 404FNL 104FEL			8. Lease Name and Well No. FOXX 31 FEDERAL 1H		
14. Date Spudded 08/09/2018			15. Date T.D. Reached 08/22/2018		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/24/2018			9. API Well No. 30-015-45039		
18. Total Depth: MD 12112 TVD 7270			19. Plug Back T.D.: MD 12112 TVD 7270		
20. Depth Bridge Plug Set: MD TVD			10. Field and Pool, or Exploratory BONE SPRING		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE			11. Sec., T., R., M., or Block and Survey or Area Sec 31 T26S R27E Mer		
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)			12. County or Parish EDDY		
			13. State NM		
			17. Elevations (DF, KB, RT, GL)* 3209 GL		

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 J55	48.0	0	375		500		0	0
12.250	9.625 J55	40.0	0	1898		775		0	0
8.750	5.500 HCL80	17.0	0	12112		2430		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	6771	6771						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7280	12062	7280 TO 12062	0.410	627	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7280 TO 12062	11911500# SAND & 232561 GALS FLUID

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
09/27/2018	10/24/2018	24	→	982.0	4992.0	1713.0	39.4		GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
62	1467	848.0	→	982	4992	1713	5083	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 S.	
			→						

Pending BLM approvals will
subsequently be reviewed
and scanned
12-26-18

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

ELECTRONIC SUBMISSION #448333 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

-MITTED **

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.)
CAPTURED

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	1971	3011		SALADO	1323
CHERRY CANYON	3011	4144		CASTILLE	1795
BRUSHY CANYON	4144	5560		BELL CANYON	1971
BONE SPRING	5560	12112		CHERRY CANYON	3011
				BRUSHY CANYON	4144
				BONE SPRING	5560

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 #448333 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY, sent to the Carlsbad

Name (please print) TERRI STATHEMTitle MANAGER REGULATORY COMPLIANCE

Signature _____ (Electronic Submission)

Date 12/18/2018

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

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.
NMNM117116

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
FOXX 31 FEDERAL 1H9. API Well No.
30-015-4503910. Field and Pool or Exploratory Area
BONE SPRING11. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
CIMAREX ENERGY COMPANYContact: TERRI STATHEM
E-Mail: tstatthem@cimarex.com3a. Address
600 N MARIENFELD ST STE 600
MIDLAND, TX 797013b. Phone No. (include area code)
Ph: 432-620-19364. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 31 T26S R27E NENE 525FNL 270FEL**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 Drilling Operations
	<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 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.

Completion:

9-7-18 Test csg to 530# for 30 mins. OK. SWI.

9-8-18 Press test to 6600# for 30 mins. Ok.

9-11-18 to

9-16-18 Perf Bone Spring @ 7280-12062', 627 holes .41. Frac w/ 11911500# sand & 232561 gals fluid.

9-19-18 to

9-22-18 DO plugs to TD @ 12112'.

9-24-18 Flowback well.

9-25-18 SI pending tubing & GLV

9-26-18 TIH w/ 2-7/8" tbg, pkr, & GLV & set @ 6771'.

9-27-18 Turn well to production

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DEC 24 2018

DISTRICT II-ARTESIA O.C.D.

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

**Electronic Submission #448317 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY, sent to the Carlsbad**

Name (Printed/Typed) TERRI STATHEM

Title MANAGER REGULATORY COMPLIANCE

Signature (Electronic Submission)

Date 12/18/2018

THIS SPACE FOR FEDERAL OR STATE OFFICIAL

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

Pending BLM approvals will
subsequently be reviewed
and scanned
12-26-18

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

...y to make to any department or agency of the United

(Instructions on page 2)

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