

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

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

RECEIVED

☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Cimarex Energy Co. of Colorado 600 N. Marienfeld St., Ste. 600 Midland, TX 79701		² OGRID Number 162683
		³ Rec. for Filing Code/ Effective Date RC 10-22-14
⁴ API Number 30 -015-25490	⁵ Pool Name Wolfcamp <i>WC-015/51831051; Wolfcamp</i>	⁶ Pool Code 98118
⁷ Property Code 21738	⁸ Property Name Federal	⁹ Well Number 1

II. ¹⁰ Surface Location

UL or lot no. I	Section 5	Township 18S	Range 31E	Lot Idn	Feet from the 2080	North/South Line South	Feet from the 560	East/West line East	County Eddy
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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
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 1-19-86	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 Inc. R & M P O Box 2039; Tulsa OK	
226737	DCP Mistream 370 17th St, Ste 2500; Denver CO	
(originally completed in B.S. 2-2-86)		

IV. Well Completion Data

²¹ Spud Date 11-25-85	²² Ready Date 10-21-14	²³ TD 10206	²⁴ PBTD 9695	²⁵ Perforations 9225-9249	²⁶ DHC, MC
²⁷ Hole Size 17 1/2	²⁸ Casing & Tubing Size 13 3/8	²⁹ Depth Set 406	³⁰ Sacks Cement 445		
11	8 5/8	4511	2400		
7 7/8	5 1/2	10206	950 TOC 4930'		
	2 7/8	9190'			

V. Well Test Data

³¹ Date New Oil 10-22-14	³² Gas Delivery Date 10-22-14	³³ Test Date 10-27-14	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 130
³⁷ Choke Size	³⁸ Oil 129	³⁹ Water 44	⁴⁰ Gas 257		⁴¹ Test Method

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: *[Signature]*
Printed name:
Terri Stathem

Title: Regulatory

E-mail Address: tstathem@cimarex.com

Date:
1-19-15
Phone:
432-620-1936

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
NMNM106964

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
FEDERAL 1

9. API Well No.
30-015-25490

10. Field and Pool, or Exploratory
WOLFCAMP

11. County or Parish, and State
EDDY COUNTY, NM

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
CIMAREX ENERGY COMPANY
Contact: TERRI STATHEM
E-Mail: tstatthem@cimarex.com

3a. Address
202 S. CHEYENNE AVE, STE 1000
TULSA, OK 74103

3b. Phone No. (include area code)
Ph: 432-620-1936

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 5 T18S R31E 2080FSL 560FEL

12. CHECK 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 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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<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 recomplete 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 recompletion 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.)

Cimarex has recompleted the well to the Wolfcamp. A pkr has been installed to isolate production from the Wolfcamp zone. The well is producing high levels of H2S which were unexpected. Cimarex will upgrade its battery to accommodate the sour gas but must leave well shut in until the upgrade is complete. Cimarex will also squeeze the Bone Spring perms at this time.

Wolfcamp Recompletion:

09-27-14 MIRU. POOH w/ tbg.
10-01-14 TIH & tag fill @ 8830'; CIBP @ 9150', 300' of fill on top of cmt. TOC @ 9130'.
10-02-14 DO cmt & CIBP @ 9150'. Tag cmt @ 9671'. (2nd CIBP @ 9695')
10-03-14 Flowback.
10-08-14 RIH w/ 2-7/8" tbg. Stuck in hole.
10-09-14 to

NM OIL CONSERVATION
ARTESIA DISTRICT

MAR 23 2015

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14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #288339 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 01/16/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
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 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 ****

Additional data for EC transaction #288339 that would not fit on the form

32. Additional remarks, continued

10-17-14 Kill well & RIH w/ overshot to fish stuck tbg. Fish stuck tbg & POOH. TOF @ 9260' - 2-7/8" tbg.
10-19-14 RIH w/ 2-7/8", L80 tbg & pkr & set @ 9190'.
10-21-14 flow back well.
11-01-14 SWI pending battery upgrade & Bone Spring perf squeeze.

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Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTJAN 22 2015
ARTESIA DISTRICTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT

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 type="checkbox"/> New Well <input type="checkbox"/> Work Over <input checked="" type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr.		7. Unit or CA Agreement Name and No.	
2. Name of Operator CIMAREX ENERGY COMPANY		8. Lease Name and Well No. FEDERAL 1	
3. Address 202 S. CHEYENNE AVE, STE 1000 TULSA, OK 74103		9. API Well No. 30-015-25490	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 2080FSL 560FEL At top prod interval reported below 2080FSL 560FEL At total depth 2080FSL 560FEL		10. Field and Pool, or Exploratory WOLFCAMP. WC 98118	
14. Date Spudded 11/25/1985		15. Date T.D. Reached 12/31/1985	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/22/2014		17. Elevations (DF, KB, RT, GL)* 3710 GL	
18. Total Depth: MD 10206 TVD		19. Plug Back T.D.: MD 9695 TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE	
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 checked="" type="checkbox"/> No <input type="checkbox"/> 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 K55	48.0	0	406		445		0	0
11.000	8.625 K55	32.0	0	4511		2400		0	0
7.875	5.500 K55	17.0	0	10206		950		4930	

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	9190	9190						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	9225	9249	9225 TO 9249		26	OPEN
B)			9775 TO 9932		48	ABANDONED - CIBP 9695 20' CM
C)			7564 TO 7610		78	ISOLATED - PKR SET @ 9190 - PF
D)			7760 TO 8390		60	ISOLATED - PKR SET @ 9190 - PF

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

Depth Interval	Amount and Type of Material

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
10/22/2014	10/27/2014	24	→	129.0	257.0	44.0	49.5		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	
	0	130.0	→	129	257	44		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	
			→						

JD
Pending BLM approvals will
subsequently be reviewed
and scanned

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

ELECTRONIC SUBMISSION #288377 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.)
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
				YATES SAN ANDRES 1ST BONE SPRING 2ND BONE SPRING WOLFCAMP	1952 4143 7150 7751 9054

32. Additional remarks (include plugging procedure):
SI pending battery upgrade.

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 #288377 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 01/19/2015

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