

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., Ste. 600 Midland, TX 79701		² OGRID Number 162683
		³ Reason for Filing Code/ Effective Date NW 1-16-15
⁴ API Number 30 -015-41720	⁵ Pool Name Cottonwood Draw; Bone Spring	⁶ Pool Code 13367
⁷ Property Code 35352 39820	⁸ Property Name Taos Federal	⁹ Well Number 5H

II. ¹⁰ Surface Location

UL or lot no. 4	Section 31	Township 24S	Range 27E	Lot Idn	Feet from the 330	North/South Line South	Feet from the 524	East/West line West	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. 1	Section 31	Township 24S	Range 27E	Lot Idn	Feet from the 333	North/South line North	Feet from the 485	East/West line West	County Eddy
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¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 1-24-15	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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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	
	NM OIL CONSERVATION ARTESIA DISTRICT FEB 10 2015	
	RECEIVED	

IV. Well Completion Data

²¹ Spud Date 11/19/14	²² Ready Date 1/16/15	²³ TD 11828/ TVD 7350'	²⁴ PBDT 11825	²⁵ Perforations 7205-11800	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2	13 3/8	465	500		
12 1/4	9 5/8	2092	720		
8 3/4 & 8 1/2	5 1/2	11828	2340		
	2-3/8	6716			

V. Well Test Data

³¹ Date New Oil 1/24/15	³² Gas Delivery Date 1/24/15	³³ Test Date 1/28/15	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 500	³⁶ Csg. Pressure 90
³⁷ Choke Size 30/64	³⁸ Oil 651	³⁹ Water 982	⁴⁰ Gas 909		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: Hope Knauls		OIL CONSERVATION DIVISION Approved by: [Signature] Title: [Signature] Approval Date: 3-10-15	
Printed name: Hope Knauls Title: Regulatory E-mail Address: hknauls@cimarex.com			
Date: 2-5-15	Phone: 918-295-1799	Pending BLM approvals will subsequently be reviewed and scanned [Signature]	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.*5. Lease Serial No.
NMNM96208

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
TAOS FEDERAL 5H

2. Name of Operator

CIMAREX ENERGY COMPANY

Contact: HOPE KNAULS
E-Mail: hknauls@cimarex.com9. API Well No.
30-015-41720

3a. Address

202 S. CHEYENNE AVE
TULSA, OK 741033b. Phone No. (include area code)
Ph: 918-585-110010. Field and Pool, or Exploratory
COTTONDRAW BS

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

Sec 31 T24S R27E 310FSL 524FWL

11. County or Parish, and State

EDDY COUNTY, NM

12. CHECK 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"/> 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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<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 shall 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 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.)

DRILLING AND COMPLETION SUMMARY:

Drilling:

11-19-14 Spud well
11-20-14 TD 17-1/2 hole @ 465. RIH w/ 13-3/8, 48#, J55, STC csg & set @ 465.
11-21-14 Mix & pump 500 sx Class C, 14.8 ppg, 1.347 yld. Circ 262 sx to surface. WOC 18 hrs.
11-22-14 Test csg to 1500 psi for 30 mins. OK.
11-23-14 TD 12-1/4 hole @ 2092.
11-24-14 RIH w/ 9-5/8, 36#, J55, LTC csg & set @ 2092. Mix & pump lead: 535 sx Class C, 12.9 ppg, 1.85 yld; tail w/ 185 sx Class C, 14.5 ppg, 1.33 yld. Circ 230 sx to surf. WOC 6 hrs.
11-25-14 Test csg to 1500 psi for 30 mins. OK.
12-03-14 TD 8-3/4 hole @ 7805?. Landed curve.

NM OIL CONSERVATION
ARTESIA DISTRICT

FEB 10 2015

RECEIVED

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

**Electronic Submission #289090 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY, sent to the Carlsbad**

Name (Printed/Typed) HOPE KNAULS

Title REGULATORY TECHNICIAN

Signature (Electronic Submission)

Date 01/23/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE

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

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 #289090 that would not fit on the form

32. Additional remarks, continued

12-04-14 TOOH w/ curve assembly. TIH w/ 8-1/2 lateral assembly, drilling lateral.
12-07-14 TD 8-1/2 hole @ 11828.
12-09-14 RIH w/ 5-1/2, 17#, L80, BTC/LTC csg & set @ 11828.
12-10-14 Mix & pump lead: 1020 sx, 10.8 ppg, 2.782 yld; tail w/ 1320 sx 14.5 ppg, 1.239 yld. Circ
357 sx to surface.
12-11-14 Release rig.

Completion:

12-17-14 Test csg to 7500 psi for 30 mins. OK. PBTD @ 11825. Run CBL ? TOC @ 800.
12-18-14 to
12-22-14 Perf Bone Spring @ 7205-11800, .54, 360 holes. Frac w/ 3427493 gals total fluid;
5041148# sand.
12-23-14 to
12-24-14 Mill out plugs & CO to PBTD. Flowback well.
12-28-14 RIH w/ 2-3/8 tbg, pkr & Gas lift valves & set @ 6716. GLV @ 1844, 2658, 3148, 3667,
4157, 4647, 5169, 5659, 6149, 6672.
01-16-15 Turn well to production.

NM OIL CONSERVATION

ARTESIA DISTRICT

FEB 10 2015

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM96208

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.

2. Name of Operator
CIMAREX ENERGY COMPANY Contact: HOPE KNAULS
E-Mail: hknaults@cimarex.com

8. Lease Name and Well No.
TAOS FEDERAL 5H

3. Address 202 S. CHEYENNE AVE
TULSA, OK 74103

3a. Phone No. (include area code)
Ph: 918-585-1100

9. API Well No.
30,014,74120

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 310FSL 524FWL

At top prod interval reported below 333FNL 485FWL

At total depth 333FNL 485FWL

10. Field and Pool, or Exploratory
COTTONDRAW BS

11. Sec., T., R., M., or Block and Survey
or Area Sec 31 T24S R27E Mer

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
11/19/2014

15. Date T.D. Reached
12/07/2014

16. Date Completed
☐ D & A ☒ Ready to Prod.
.01/16/2015

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

18. Total Depth: MD 11828
TVD 7350

19. Plug Back T.D.: MD 11825
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
NONE RAN

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	48.0		465		500			262
12.250	9.625 J55	36.0		2092		720			230
8.500	5.500 L80	17.0		11828		2340			357

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	6716	6716						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONESPRING	7205	11800	7025 TO 11800	0.540	360	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7205 TO 11800	3427493 GALS TOTAL FLUID; 5041148 # 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
01/24/2015	01/28/2015	24	→	651.0	909.0	982.0	43.6		GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
30/24	500	90.0	→	651	909	982	1396	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. 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 #290702 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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.)

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	2099	2857	SANDSTONE; WATER	DELAWARE SAND	2098
CHERRY CANYON	3198	4038	SANDSTONE; WATER	CHERRY CANYON	3111
BRUSHY CANYON	5279	5598	SANDSTONE; WATER, MINOR OIL	BRUSHY CANYON	4071
BONE SPRING	7244	7370	SANDSTONE; OIL, GAS & WATER	BONE SPRING	5618
				2ND BONE SPRING	7064

32. Additional remarks (include plugging procedure):

Please hold all completion paperwork held confidential.

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 #290702 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY, sent to the Carlsbad

Name (please print) HOPE KNAULSTitle REGULATORY TECHNICIANSignature (Electronic Submission)Date 02/05/2015

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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