

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.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
4	31	24S	27E		330	South	524	West	Eddy

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
1	31	24S	27E		333	North	485	West	Eddy
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				

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	²² Ready Date	²³ TD	²⁴ PBDT	²⁵ Perforations	²⁶ DHC, MC
11/19/14	1/16/15	11828/ TVD 7350'	11825	7205-11800	
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	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
1/24/15	1/24/15	1/28/15	24 hrs	500	90
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method	
30/64	651	982	909		

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]
Printed name: Hope Knauls	Title: [Signature]
Title: Regulatory	Approval Date: 3-10-15
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 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.

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. TAOS FEDERAL 5H
2. Name of Operator CIMAREX ENERGY COMPANY Contact: HOPE KNAULS E-Mail: hknauls@cimarex.com		9. API Well No. 30-015-41720
3a. Address 202 S. CHEYENNE AVE TULSA, OK 74103	3b. Phone No. (include area code) Ph: 918-585-1100	10. 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 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 recomplate 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 recomplate 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 *PS*

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.

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. PBDT @ 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 PBDT. 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

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMNM96208	
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 _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator CIMAREX ENERGY COMPANY		7. Unit or CA Agreement Name and No.	
Contact: HOPE KNAULS E-Mail: hknauls@cimarex.com		8. Lease Name and Well No. TAOS FEDERAL 5H	
3. Address 202 S. CHEYENNE AVE TULSA, OK 74103		9. API Well No. 30-014-4120	
3a. Phone No. (include area code) Ph: 918-585-1100		10. Field and Pool, or Exploratory COTTONDRAW BS	
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		11. Sec., T., R., M., or Block and Survey or Area Sec 31 T24S R27E Mer	
14. Date Spudded 11/19/2014		15. Date T.D. Reached 12/07/2014	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> 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? <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)

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		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 KNAULS Title REGULATORY TECHNICIAN

Signature _____ (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.