

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. 600 N. Marienfeld Street, Suite 600 Midland, TX 79701		² OGRID Number 215099
		³ Reason for Filing Code/ Effective Date NW - 5/20/14
⁴ API Number 30 - 015 - 41850	⁵ Pool Name Cottonwood Draw; Bone Spring	⁶ Pool Code 97494
⁷ Property Code 37374	⁸ Property Name Marquardt Federal	⁹ Well Number 12H

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
P	12	25S	26E		330	South	400	East	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
A	12	25S	26E		336	North	407	East	Eddy
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 5/24/14	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 Midstream. 370 17th St., Ste 2500 Denver CO	
NM OIL CONSERVATION ARTESIA DISTRICT JUN 27 2014		

IV. Well Completion Data

²¹ Spud Date 3/27/14	²² Ready Date 5/20/14	²³ TD 4/12/14	²⁴ PBTD 11587	²⁵ Perforations 7002-11350	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	250	290		
12 1/4"	9 5/8"	404	200		
8 1/2"	5 1/2"	11608	2400 TOC @ 0		
	2 3/8"	6533			

V. Well Test Data

³¹ Date New Oil 5/23/14	³² Gas Delivery Date 5/24/14	³³ Test Date 5/25/14	³⁴ Test Length 24 hours	³⁵ Tbg. Pressure 575	³⁶ Csg. Pressure 0
³⁷ Choke Size 25/64	³⁸ Oil 259	³⁹ Water 1397	⁴⁰ Gas 423	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: *Aricka Easterling*

Printed name:
Aricka Easterling
Title:
Regulatory Analyst

E-mail Address:
aeasterling@cimarex.com

Date: 6/24/14
Phone: 918-560-7060

OIL CONSERVATION DIVISION	
Approved by: <i>JD Daale</i>	Title: <i>Dist. II Supervisor</i>
Approval Date: <i>7-2-14</i>	
Pending BLM approvals will subsequently be reviewed and scanned	

3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

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.
NMNM14124

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.

8. Well Name and No.
MARQUARDT FEDERAL 12H

9. API Well No.
30-015-41850

10. Field and Pool, or Exploratory
COTTONWOOD DRAW; BS

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: ARICKA EASTERLING
E-Mail: aeasterling@cimarex.com

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

3b. Phone No. (include area code)
Ph: 918-560-7060

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 12 T25S R26E SESE 330FSL 400FEL

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 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.)

Completion:

4/26/14 - Test Casing to 9000psi. Test Good, TOC @ 0'.
5/13/14 to 5/15/14 - Perf Bone Spring @ 7002'-11350'. 672 holes, Frac w/ 3,211,470 gal Frac fluid & 4,900,000 # Sand
5/16/14 - Mill out plugs. Wash to PBTD @ 11587. Flow Well.
5/19/14 - RIH w/ 2 3/8 tubing, packer & GLV's. Set tbg & packer @ 6533. GLV's @ 1889, 3004, 3530, 4056, 4549, 5043, 5536, 6030, & 6490.
5/20/14 - Turn well over to production.

Accepted for record
ADD NMOC 7-2-14

NM OIL CONSERVATION
ARTESIA DISTRICT

JUN 27 2014

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #250901 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY, sent to the Carlsbad

Name (Printed/Typed) ARICKA EASTERLING	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 06/26/2014

RECEIVED

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 _____

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