

District I
162 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 1/23/15
⁴ API Number 30 - 015-42150	⁵ Pool Name WC-015 S262728A; Wolfcamp	⁶ Pool Code 98017
⁷ Property Code 40451	⁸ Property Name Medwick 32 Federal Com	⁹ Well Number 12H

II. ¹⁰ Surface Location

UL or lot no. 1	Section 32	Township 26S	Range 27E	Lot Idn	Feet from the 210	North/South Line South	Feet from the 750	East/West line East	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. A	Section 29	Township 26S	Range 27E	Lot Idn	Feet from the 333	North/South line North	Feet from the 710	East/West line East	County Eddy
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 1/23/15	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 Midstream. 370 17th St., Ste 2500 Denver CO	

IV. Well Completion Data

²¹ Spud Date 9/14/14	²² Ready Date 1/23/15	²³ TD 16360' 9685	²⁴ PBDT 16259'	²⁵ Perforations 9639'-16232'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	390	452		
12 1/4"	9 5/8"	1910	950		
8 3/4"	7"	9830	1275		
6	4 1/2"	16360	600 TOC @ 8842		

V. Well Test Data

³¹ Date New Oil 1/23/15	³² Gas Delivery Date 1/23/15	³³ Test Date 2/1/15	³⁴ Test Length 24 hours	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 2200
³⁷ Choke Size 14/64	³⁸ Oil 343	³⁹ Water 4088	⁴⁰ Gas 563		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:
3/23/15

Phone:
918-560-7060

OIL CONSERVATION DIVISION

Approved by:

[Signature]

Title:

Dist. P. Supervisor

Approval Date:

8-26-15

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.
NMNM114350

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.
MEDWICK 32 FEDERAL COM 12H2. Name of Operator
CIMAREX ENERGY COMPANYContact: ARICKA EASTERLING
E-Mail: aeasterling@cimarex.com9. API Well No.
30-015-421503a. Address
202 S. CHEYENNE, SUITE 1000
TULSA, OK 741033b. Phone No. (include area code)
Ph: 918-560-706010. Field and Pool, or Exploratory
BONE SPRING; WILDCAT

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

Sec 32 T26S R27E SWSE 210FSL 710FEL

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 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.)

Completion:

12/11/14 Pump 25 bbls fresh water @ 800 psi down 5' X 9 5/8" annulus

12/12/14 test casing to 7500 psi for 30 min. good test.

12/14/14 BLM approved BradenHead Squeeze. Mix and pump 131 bbls(300 sks) 50/50 P/C + 5% PF44 + 10% PF20 + 3 pps PF42 + .125 pps PF29 + .4 pps PF45 + 2% PF1. Max rate- 2.5 bpm and Max pressure- 900 psi. Flush each casing valve w/ 1.5 bbl FW and SI all well valves.

12/15/14 Pace test pump to 9-5/8" casing. Pressured up to 1,000 psi. Pressure was bleeding off.

Pressured up multiple times, unable to get successful test. Final test, pressure bled from 1,000 psi to 450 psi in 30 minutes.

12/16/14 RU Pace test pump to 9-5/8" casing. Pressured up to 1,000 psi. Pressure bled from 1,000 psi to 450 psi in 30 minutes(Same results as previous test).

12/17/14 PU RCBL logging tools. RIH to 9,600'. POH logging to surface.

NM OIL CONSERVATION
ARTESIA DISTRICT
MAR 25 2015
RECEIVED

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

**Electronic Submission #295565 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 03/19/2015

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 *MD*

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.

Agency of the United

Additional data for EC transaction #295565 that would not fit on the form

32. Additional remarks, continued

12/20/14 Cimarex proposed to install a gauge on the annulus for the life of the well and report any abnormal pressures immediately to the BLM. BLM gave verbal approval to continue completion ops. Resume w/ CT ops to TCP and spot acid Monday morning.
12/23/14 to 1/10/15 Perf wolfcamp 9639'-17174', 828 holes. Frac w/ 8,892,207 gal total fluid & 8,275,913 # sand.
1/17/15 to 1/20/15 Mill plugs, wash to PBTD @ 16259'. Flow well.
1/23/14 Turn well to production.

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

8. Well Name and No.
MEDWICK 32 FEDERAL COM 12H9. API Well No.
30-015-4215010. Field and Pool, or Exploratory
WILDCAT11. County or Parish, and State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
CIMAREX ENERGY COMPANYContact: CRISTEN BURDELL
E-Mail: cburdell@cimarex.com3a. Address
202 S. CHEYENNE AVE STE 1000
TULSA, OK 741033b. Phone No. (include area code)
Ph: 918-560-70384. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 32 T26S R27E 210FSL 710FEL**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
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<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
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09-14-14 Spud well. TD 17-1/2 hole @ 390.

09-15-14 RIH w/ 13-3/8, 48#, J55, STC csg & set @ 390. Mix & pump lead: 186 sx Class C, 13.5 ppg, 1.69 yld. Tail w/ 266 sx Class C, 14.8 ppg, 1.34 yld. Circ 199 sxs to surface. WOC 8 hrs.

9-16-14 Test csg to 1500 psi for 30 mins. OK.

09-18-14 TD 12-1/4 hole @ 1910. RIH w/ 9-5/8, 36#, J55, LTC csg & set @ 1910. Mix & pump lead: 650 sx Class C, 12.9 ppg, 1.87 yld; tail w/ 300 sx Class C, 15.0 ppg, 1.29 yld. Circ 420 sxs to surf. WOC 8 hrs. Heavy rains begin.

09-21-14 Suspend operations ? Contact BLM. Heavy rains/flooding.

09-25-14 Resume operations @ 6:00 pm.

09-26-14 Test csg to 1500 psi for 30 mins. OK

10-03-14 to

10-04-14 Drill 8-3/4 hole to 9830. RIH w/ 7, 32#, L80, BTC csg & set @ 9830.

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

**Electronic Submission #289937 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY, sent to the Carlsbad**

Name (Printed/Typed) CRISTEN BURDELL

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 01/29/2015

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

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.

Pending BLM approvals will
subsequently be reviewed
and scanned *WES*

Agency of the United

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** O****IK-SUBMITTED ****

Additional data for EC transaction #289937 that would not fit on the form

32. Additional remarks, continued

10-05-14 Mix & pump Lead: 1110 sx Class C, 11.5 ppg, 2.19 yld; tail w/ 165 sx Class H, 14.5 ppg, 1.29 yld; NO cmt to surface. WOC 10 hrs. Suspend operations ? walking rig to Medwick 32 Fed #11. 1 inch HP valve on annular.
11-06-14 Walk rig back on to Medwick 32 Federal #12. RU.
11-07-14 Tested csg to 1500# for 30 mins.
11-25-14 TD 6 hole @ 16360
11-27-14 RIH w/ 4-1/2, 13.5#, P110, BTC liner & set @ 8867-16360.
11-28-14 Mix & pump 600 sx Class H, 15.6 ppg, 1.19 yld. Circ 2 sx to surf. TOC @ TOL ? 8867.
11-30-14 Release rig.
12-11-14 Run CBL on 7? ? TOC @ 3284?. Contact BLM for approval of Bradenhead squeeze.