

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 215099
		³ Reason for Filing Code/ Effective Date NW - 5/11/2015
⁴ API Number 30 -015- 42352	⁵ Pool Name Wildcat; Cisco	⁶ Pool Code 97851
⁷ Property Code 40512	⁸ Property Name BURTON 6 FEDERAL	⁹ Well Number 2H

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
C	6	20S	30E		475	North	1500	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
N	6	20S	30E		660	South	1980	West	Eddy

¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
F	P	5/29/2015			

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 JUN 3 2015 RECEIVED		

IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBDT	²⁵ Perforations	²⁶ DHC, MC
11/28/2014	5/11/2015	14303	14210	10250-14185	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
26	20	410	1200		
17 1/2	13 3/8	1649	1300		
12 1/4	9 5/8	3384	600		
8 3/4	7	10501	1200		
6	4.5	14303	320 TOC @ 9789		
	2 7/8	9749			

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
5/18/2015	5/29/2015	5/31/2015	24 hrs	325	1000
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method	
39	358	1300	837		

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: *Paula Brunson*
Printed name: Paula Brunson
Title: Regulatory Compliance
E-mail Address: pbrunson@cimarex.com
Date: 6/1/2015
Phone: 432-571-7848

OIL CONSERVATION DIVISION
Approved by: *[Signature]*
Title: *[Signature]*
Approval Date: 6-12-15
Provide signature page for survey
Pending BLM approvals will subsequently be reviewed and scanned *LED*

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.
NMNM124659

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
BURTON 6 FEDERAL 2H

9. API Well No.
30-015-42352

10. Field and Pool, or Exploratory
WILDCAT; CISCO

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
CIMAREX ENERGY COMPANY
Contact: PAULA BRUNSON
E-Mail: pbrunson@cimarex.com

3a. Address
600 N MARIENFELD STE 600
MIDLAND, TX 79701

3b. Phone No. (include area code)
Ph: 432-571-7848

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 6 T20S R30E 475FNL 1500FWL

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 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.)

1/22/15. Test 7-1/16 in. 10K master valve to 10K psi. Test good. TOC @ 9789.
 4/17/15. Test 4-1/2 csg to 9000 psi for 30 min. Test good.
 4/17/15 to 5/3/15. Perf Cisco Canyon 10250-14185, .48 hole size, 480 total holes. Frac with 173,313 bbls frac fluid, 5,850,503 lbs sand.
 5/4/15. Mill plugs. Wash to PBTD @ 14210.
 5/10/15. RIH w/ 2-7/8 6.5# L80 tubing and packer, set @ 9749. GLVs @ 2041, 3471, 4252, 4901, 5551, 6201, 6852, 7505, 8093, 8712, 9263, 9716. Flow well.
 5/11/15. Turn to Production.

Accepted for record
JD NMOC 6/12/15

14. I hereby certify that the foregoing is true and correct.
 Electronic Submission #301733 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY, sent to the Carlsbad

Name (Printed/Typed) PAULA BRUNSON Title REGULATORY ANALYST

Signature (Electronic Submission) Date 05/14/2015

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 ****

JUN 3 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. NMNM124659

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. BURTON 6 FEDERAL 2H

9. API Well No. 30-015-42352

10. Field and Pool, or Exploratory WILDCAT; CISCO

11. Sec., T., R., M., or Block and Survey or Area Sec 6 T20S R30E Mer

12. County or Parish EDDY

13. State NM

14. Date Spudded 11/28/2014

15. Date T.D. Reached 12/28/2014

16. Date Completed 05/11/2015
 D & A Ready to Prod.

17. Elevations (DF, KB, RT, GL)* 3292 GL

18. Total Depth: MD 14303 TVD 10445

19. Plug Back T.D.: MD 14210 TVD

20. Depth Bridge-Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

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
26.000	20.000 J55	94.0	0	410		1200		0	78
17.500	13.375 J55	54.5	0	1649		1300		0	70
12.250	9.625 J55	36.0	0	3384	1750	600		0	117
8.750	7.000 P110	32.0	0	10501		1200		0	283
6.000	4.500 P110	13.5	9789	14303		320		9789	

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	9749	9749						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) CISCO CANYON	10259	14185	10250 TO 14185	0.480	480	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10250 TO 14185	173,313 BBLs FRAC FLUID; 5,850,503 LBS 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
05/18/2015	05/31/2015	24	▶	358.0	837.0	1300.0	49.2		GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
39	SI 325	1000.0	▶	358	837	1300	2337		

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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		▶						

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

ELECTRONIC SUBMISSION #303510 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

UO 6/12/15
Accepted for record
NMOCD

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
BELL CANYON	3520	4720	WATER	TANSILL	1340
CHERRY CANYON	4720	5400	WATER	YATES	1455
BRUSHY CANYON	5400	6135	WATER	DELAWARE	3520
BONE SPRING	6135	9513	WATER, OIL, GAS	BONE SPRING	6135
WOLFCAMP	9513	9950	WATER, OIL, GAS	WOLFCAMP	9513
CISCO	9950	14303	WATER, OIL, GAS	CISCO	9950

32. Additional remarks (include plugging procedure):

Attachments:
C-102 As-Drilled Plat
EOW Survey
C-104 Request for Allowable

LRD 6/12/15
Accepted for record
NMOC

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 #303510 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY, sent to the Carlsbad

Name (please print) PAULA BRUNSON Title REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 06/01/2015

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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