

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

HOBBS OCD

APR 24 2014

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State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

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 - 1/23/14
⁴ API Number 30 - 015 - 41609	⁵ Pool Name Wildcat; Bone Spring	
		⁶ Pool Code 97816
⁷ Property Code 312447	⁸ Property Name White City 8 Federal	⁹ Well Number 2H

II. ¹⁰ Surface Location

UL or lot no. M	Section 8	Township 25S	Range 27E	Lot Idn	Feet from the 330	North/South Line South	Feet from the 330	East/West line West	County EDDY
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¹¹ Bottom Hole Location

UL or lot no. D	Section 8	Township 25S	Range 27E	Lot Idn	Feet from the	North/South line North	Feet from the	East/West line West	County EDDY
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 1/24/14	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	

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NMOCD ARTESIA

IV. Well Completion Data

²¹ Spud Date 12/19/13	²² Ready Date 1/23/14	²³ TD 11726	²⁴ PBTD 11506	²⁵ Perforations 7237-11476	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	460	497		
12 1/4"	9 5/8"	2048	635		
8 1/2"	5 1/2"	11509	1935 TOC 0		
	2 3/8"	6582			

V. Well Test Data

³¹ Date New Oil 1/26/14	³² Gas Delivery Date 1/24/14	³³ Test Date 2/16/14	³⁴ Test Length 24 hours	³⁵ Tbg. Pressure 420	³⁶ Csg. Pressure 540
³⁷ Choke Size 40/64	³⁸ Oil 766	³⁹ Water 489	⁴⁰ Gas 2101	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

Printed name:
Aricka Easterling

Title:
Regulatory Analyst

E-mail Address:
aeasterling@cimarex.com

Date:
4/22/14

Phone:
918-560-7060

Approved by:

Title:

Approval Date:

Pending BLM approvals will
subsequently be reviewed
and scanned

OIL CONSERVATION DIVISION

RR Dade

Dist H Supervisor

leave blank

3160-4
3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBBS OGD

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.

APR 24 2014

5. Lease Serial No.
NMNM97126

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 ☐ Other

2. Name of Operator
CIMAREX ENERGY COMPANY

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

8. Well Name and No.
WHITE CITY 8 FEDERAL 2H

9. API Well No.
30-015-41609

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

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

10. Field and Pool, or Exploratory
WILDCAT BONE SPRING

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

Sec 8 T25S R27E SWSW 330FSL 330FWL

11. County or Parish, and State

LEA 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 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.)

Correction on sundry filed 1/21/14:
1/4/14 thru 1/5/14- Ran 5 1/2" 17# L-80 casing @ 11509'

5/6/14
Accepted for record
NMOCD

Completion:
1/13/14 Test Casing to 8500# for 30 min. Test good. TOC @ 0'
1/18/14 thru 1/19/14 Perf Bone Spring @ 7237-11476, 432 holes. Frac w/ 1,889,155 gal of total fluid & 3,029,922 # of sand.
1/19/14 thru 1/20/14 Mill out plugs. Flow Well. PBTD @ 11506.
1/23/14 RIH w 2 3/8" tubing & packer, Set @ 6582'. GLV @ 189, 2957, 3521, 4013, 4539, 5031, 5523, 6016, 6541. Turn Well over to production.

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MAY 02 2014
NMOCD ARTESIA

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

Electronic Submission #242967 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 04/22/2014

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 ****

Form 3160-4
(August 2007)**RECEIVED**

MAY 02 2014

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBBS OCD

APR 24 2014

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010**NM WELL COMPLETION OR RECOMPLETION REPORT AND LOG**5. Lease Serial No.
NMN97126

- 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: ARICKA EASTERLING
E-Mail: aeasterling@cimarex.com8. Lease Name and Well No.
WHITE CITY 8 FEDERAL 2H3. Address 202 S. CHEYENNE, SUITE 1000
TULSA, OK 741033a. Phone No. (include area code)
Ph: 918-560-70609. API Well No.
30-015-41609

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

At surface SWSW 330FSL 330FWL

At top prod interval reported below SWSW 330FSL 330FWL

At total depth NWNW 334FNL 667FWL

10. Field and Pool, or Exploratory
WILDCAT BONE SPRING11. Sec., T., R., M., or Block and Survey
or Area Sec 8 T25S R27E Mer12. County or Parish
EDDY13. State
NM14. Date Spudded
12/19/201315. Date T.D. Reached
01/03/201416. Date Completed
☐ D & A ☒ Ready to Prod.
01/23/201417. Elevations (DF, KB, RT, GL)*
3250 GL18. Total Depth: MD
TVD 11726
735419. Plug Back T.D.: MD
TVD 1150620. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DSN & DLL22. 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	48.0	0	460		497		0	109
12.250	9.625 J55	36.0	0	635		635		0	165
8.500	5.500 L80	17.0	0	11509		1935		0	170

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	6582	6582						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7237	11476	7137 TO 11765	0.540	432	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7237 TO 11476	FRAC WITH 1,889,155- GAL TOTAL FLUID & 3,029,922 # 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
01/24/2014	02/16/2014	24	→	766.0	2101.0	489.0	45.8		GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
40/64	420	540.0	→	766	2101	489	2743	PGW	

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. 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 #243106 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

AD
5/6/14

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
				SALADO	1210
				CASTILLE	1863
				BELL CANYON	2062
				CHERRY CANYON	3008
				BRUSHY CANYON	4039
				BONE SPRING	5569
				1ST BONE SPRING	6527
				2ND BONE SPRING	7040

32. Additional remarks (include plugging procedure):
Logs sent to Carlsbad, NM field office via Fed Ex.

RD
5/6/14

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 #243106 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY, sent to the Carlsbad

Name (please print) ARICKA EASTERLING

Title REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 04/23/2014

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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