

District I
1625 N. Freach 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 12/7/14
⁴ API Number 30 -015-42260	⁵ Pool Name Cottonwood Draw; Bone Spring	⁶ Pool Code 97494
⁷ Property Code 40249	⁸ Property Name Scoter 6 Federal	⁹ Well Number 4H

II. ¹⁰ Surface Location

Ul or lot no. N	Section 6	Township 25S	Range 27E	Lot Idn	Feet from the 330	North/South Line South	Feet from the 1900	East/West line West	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. 3	Section 6	Township 25S	Range 27E	Lot Idn	Feet from the 332	North/South line North	Feet from the 1982	East/West line West	County Eddy
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 12/11/14	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 Mistream 370 17th St, Ste 2500; Denver CO	
	NM OIL CONSERVATION ARTESIA DISTRICT FEB 10 2015 RECEIVED	

IV. Well Completion Data

²¹ Spud Date 10/20/14	²² Ready Date 12/10/14	²³ TD 11740	²⁴ PBTD 11727	²⁵ Perforations 7093-11710	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2	13 3/8	397	500		
12 1/4	9 5/8	2083	830		
8 1/2	5 1/2	11740	3330 - TOC 0'		
	2-3/8	6678			

V. Well Test Data

³¹ Date New Oil 12/10/14	³² Gas Delivery Date 12/11/15 14	³³ Test Date 12/16/14	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 600	³⁶ Csg. Pressure 200
³⁷ Choke Size 30/64	³⁸ Oil 806	³⁹ Water 1115	⁴⁰ Gas 1616	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: <i>Aricka Easterling</i>		OIL CONSERVATION DIVISION	
Printed name: Aricka Easterling		Approved by: <i>[Signature]</i>	
Title: Regulatory		Title: <i>Dr. J. H. Sypert</i>	
E-mail Address: aeasterling@cimarex.com		Approval Date: <i>2/26/2015</i>	
Date: 2-5-15	Phone: 918-560-7060		

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.
NMNM110348

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

8. Well Name and No.

SCOTER 6 FEDERAL 4H

2. Name of Operator

CIMAREX ENERGY COMPANY

Contact: CRISTEN BURDELL
E-Mail: cburdell@cimarex.com

9. API Well No.

30-015-42260

3a. Address

202 S. CHEYENNE AVE STE 1000
TULSA, OK 74103

3b. Phone No. (include area code)

Ph: 918-560-7038

10. Field and Pool, or Exploratory

COTTONWOOD DRAW; BS

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

Sec 6 T25S R27E SESW 330FSL 1900FWL
32.090974 N Lat, 104.135466 W Lon

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 checked="" 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 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	
	<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.)

Drilling:

10-20-14 Spud well. TD 17-1/2 hole @ 397.

10-21-14 RIH w/ 13-3/8, 48#, J55, STC csg & set @ 397. Mix & pump 500 sx Halcem C, 14.8 ppg, 1.35 yld. Circ 207 sx cmt to surf. WOC 12 hrs.

10-22-14 Test csg to 1650# for 30 mins. OK.

10-24-14 TD 12-1/4 hole @ 2083.

10-25-14 RIH w/ 9-5/8, 36#, J55, LTC sg & set @ 2083. Mix & pump lead: 650 sx Econocem C, 12.9 ppg, 1.85 yld; tail w/ 180 sx Halcem C, 14.8 ppg, 1.33 yld. Circ 318 sx to surf. WOC 6+ hrs.

10-26-14 Test csg to 1500# for 30 mins. OK.

11-3-14 to

11-07-14 TD 9030. Lost PDC drilling bit @ 9030. BLM approved sidetrack. 8-3/4 Sidetrack @ 8606 to 8751. POOH w/ sidetrack assembly.

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

Electronic Submission #287606 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 01/12/2015

Accepted for record

NMOC D 2/26/15

THIS SPACE FOR FEDERAL OR STATE OFFICIAL 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 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 **

Additional data for EC transaction #287606 that would not fit on the form

32. Additional remarks, continued

11-08-14 TIH w/ 8-1/2 lateral assembly, drill lateral.
11-10-14 TD 8-1/2 hole @ 11740.
11-11-14 LDDP
11-12-14 RIH w/ 5-1/2, 17#, L80; BTC/LTC csg & set @ 11740.
11-13-14 Mix & pump lead: 2010 sx Tuned Lite H, 10.8 ppg, 2.782 yld; tail w/ 1320 sx Versacem H, 14.5 ppg, 1.239 yld. Full returns. Circ 150 bbls cmt to surface.
11-15-14 Release rig.

Completion

11-21-14 Test csg to 6200# for 30 mins. OK. Pending frac
11-29-14 to
12-03-14 Perf Bone Spring @ 7093-11710, .54, 360 holes. Frac w/ 3598362 total fluid & 5039775# sand.
12-04-14 Mill out plugs. CO PBTD @ 11727. Flowback well.
12-07-14 RIH w/ 2-3/8 tbg, pkr, gas lift valves & set @ 6678. GLV @ 1718, 3247, 4483, 5460, 6048, 6635. 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

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.
NMNM110348

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

2. Name of Operator
CIMAREX ENERGY COMPANY Contact: ARICKA EASTERLING
E-Mail: aeasterling@cimarex.com

8. Lease Name and Well No.
SCOTER 6 FEDERAL 4H

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

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

9. API Well No.
30-015-42260

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

At surface SESW 303FNL 1900FWL

At top prod interval reported below SESW 303FNL 1900FWL

At total depth NENW 332FNL 1981FWL

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

11. Sec., T., R., M., or Block and Survey
or Area Sec 6 T25S R27E Mer

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
10/20/2014

15. Date T.D. Reached
11/10/2014

16. Date Completed
☐ D & A ☒ Ready to Prod.
12/07/2014

17. Elevations (DF, KB, RT, GL)*
3299 GL

18. Total Depth: MD 11740
TVD 7307

19. Plug Back T.D.: MD 11727
TVD

20. Depth Bridge Plug Set: MD
TVD

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

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	48.0	0	397		500		0	207
12.250	9.625 J55	36.0	0	2083		830		0	318
8.500	5.500 L80	17.0	0	11740		3330		0	150

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	6678	6678						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7093	11710	7093 TO 11710	0.540	360	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7093 TO 11710	FRAC WITH 3,589,362 GAL TOTAL FLUID & 5,039,775 # 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
12/07/2014	12/16/2014	24	→	806.0	1616.0	1115.0	45.5		GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
30/64	600	200.0	→	806	1616	1115	2005	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
			→					

Accepted for record
LRD NMOCD 2/26/15

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

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

ELECTRONIC SUBMISSION #290693 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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	2102	3038	SANDSTONE; WATER	SALADO	1198
CHERRY CANYON	3137	3949	SANDSTONE; WATER	CASTILLE	1845
BRUSHY CANYON	5252	5564	SANDSTONE; WATER & MINOR GAS	BELL CANYON	2051
BONE SPRING	6976	7269	SANDSTONE; OIL GAS & WATER	CHERRY CANYON	3037
				BRUSHY CANYON	4077
				BONE SPRING	5562

32. Additional remarks (include plugging procedure):
Logs were sent to Carlsbad Office via Fed Ex.

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 #290693 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY, sent to the Carlsbad

Name (please print) ARICKA EASTERLINGTitle REGULATORY ANALYST

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.

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