

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

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

Form C-104
Revised August 1, 2011

NM OIL CONSERVATION
ARTESIA DISTRICT

FEB 20 2018

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Cimarex Energy Co. 202 S Cheyenne Ave., Ste 1000 Tulsa, OK 74103		² OGRID Number RECEIVED 215099
⁴ API Number 30 - 015-43156		⁵ Pool Name Purple Sage Wolfcamp
⁷ Property Code 320053		⁸ Property Name Wigeon 23-26 Fed Com
⁶ Pool Code 98220		⁹ Well Number 4H

II. ¹⁰ Surface Location

Ul or lot no. A	Section 23	Township 25S	Range 26E	Lot Idn	Feet from the 306	North/South Line NORTH	Feet from the 752	East/West line EAST	County EDDY
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¹¹ Bottom Hole Location

UL or lot no. P	Section 26	Township 25S	Range 26E	Lot Idn	Feet from the 330	North/South line SOUTH	Feet from the 375	East/West line EAST	County EDDY
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 9-20-17	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 PO Box 2039; Tulsa OK	
226737	DCP Midstream 370 17 th St, Ste 2500; Denver CO	

IV. Well Completion Data

²¹ Spud Date 6-14-17	²² Ready Date 9-20-17	²³ TD 7-12-17	²⁴ PBD 19345	²⁵ Perforations 7897' - 19380'	²⁶ DHC. MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	408	515 - TOC 0'		
12.25	9.625	1895	775 - TOC 0'		
8.75	7	9833	770		
6.125	4.5	7897 - 19380	850 - TOC 7897'		

V. Well Test Data

³¹ Date New Oil 9-30-17	³² Gas Delivery Date 9-20-17	³³ Test Date 10-3-17	³⁴ Test Length 24	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 2665
³⁷ Choke Size 18/64	³⁸ Oil 157	³⁹ Water 2467	⁴⁰ Gas 1367		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:
Kimberleigh Rhodes

Title:
Regulatory Technician

E-mail Address:
kirrhodes@cimarex.com

Date:
10/20/2017

Phone:
918-560-7081

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Pending BLM approvals will
subsequently be reviewed
and scanned

ENTERED
up

NM OIL CONSERVATION ARTESIA DISTRICT

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 20 2018

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.
NMNM26105

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
WIGEON 23-26 FEDERAL COM 4H

9. API Well No.
30-015-43156

10. Field and Pool, or Exploratory
WOLFCAMP

11. Sec., T., R., M., or Block and Survey
or Area Sec 23 T25S R26E Mer

12. County or Parish
EDDY

13. State
NM

17. Elevations (DF, KB, RT, GL)*
3281 GL

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
Contact: KIMBERLEIGH RHODES
E-Mail: KIRhodes@cimarex.com

3. Address 202 S CHEYENNE AVE 1000
TULSA, OK 74103
3a. Phone No. (include area code)
Ph: 918.560.7081

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface Sec 23 T25S R26E Mer
306FNL 752FEL
At top prod interval reported below Sec 23 T25S R26E Mer
306FNL 752FEL
At total depth Sec 26 T25S R26E Mer
330FSL 375FEL

14. Date Spudded
06/14/2017
15. Date T.D. Reached
07/12/2017
16. Date Completed
☐ D & A ☒ Ready to Prod.
08/23/2017

18. Total Depth: MD 19380
TVD 9732
19. Plug Back T.D.: MD 19356
TVD 9591
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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	48.0	0	408		515	0	0	0
12.250	9.625 J55	36.0	0	1895		775	0	0	0
8.750	7.000 N80	26.0	0	9833		770	0	0	0
6.125	4.500 HCP110	11.6	7897	19380		850	0	7897	0

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	6908	6908						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	9850	19335	9850 TO 19335	0.390	1282	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9850 TO 19335	424056 BBLs TOTAL FLUID, 22108877 # 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
08/23/2017	09/10/2017	24	→	414.0	680.0	1740.0	44.0		FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64/64	500	0.0	→	414	680	1740	1643	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		
			→						

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #397751 VERIFIED BY THE BLM WELL INFORMATION SY:
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED *

Pending BLM approvals will
subsequently be reviewed
and scanned

... ED **

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	2050	2716	WATER	SALADO	1115
CHERRY CANYON	2880	3362	WATER	CASTILE	1720
BONE SPRING	5150	5320	WATER, GAS	CHERRY CANYON	2875
BONE SPRING	6880	7350	WATER, OIL, GAS	BRUSHY CANYON	3890
				BONE SPRING	5054
				WOLFCAMP	8645

32. Additional remarks (include plugging procedure):

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 #397751 Verified by the BLM Well Information System.
For CIMAREX, sent to the Carlsbad

Name (please print) KIMBERLEIGH RHODESTitle REGULATORY TECHNICIANSignature (Electronic Submission)Date 12/12/2017

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTNM OIL CONSERVATION
ARTESIA DISTRICT

FEB 20 2018

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**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.

RECEIVED

5. Lease Serial No.
NMNM26105

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
WIGEON 23-26 FEDERAL COM 4H9. API Well No.
30-015-4315610. Field and Pool or Exploratory Area
WILDCAT WOLFCAMP11. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
CIMAREX ENERGYContact: KIMBERLEIGH RHODES
E-Mail: kirhodes@cimarex.com3a. Address
202 S CHEYENNE AVE
TULSA, OK 741033b. Phone No. (include area code)
Ph: 918-585-11004. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 23 T25S R26E NENE 305FNL 757FEL

12. CHECK THE 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"/> Hydraulic Fracturing	<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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

PLEASE SEE DRILLING & REVISED COMPLETION INFORMATION BELOW TO REPLACE PREVIOUS SUNDRY APPROVED ON 10-17-17.

PLEASE CHANGE WELL NAME TO WIGEON 23-26 FEDERAL COM #4H

06-14-2017 Spud well.

06-15-2017 TD 17-1/2" hole @ 408'. RIH w/ 13-3/8", 48#, J55, STC csg & set @ 408'. Mix & pump 515 sx Class C cmt, 14.8 ppg, 1.348 yld. Circ 88 sx to surface. WOC 9.5 hrs.

06-16-2017 Test csg to 1500# for 30 mins. Ok.

06-17-2017 TD 12-1/4" hole @ 1895'. RIH w/ 9-5/8", 36#, J55, LTC csg & set @ 1895'.

06-18-2017 Mix & pump lead: 475 sx Class C, 13.5 ppg, 1.801 yld; tail w/ 300 sx Class C, 14.8 ppg, 1.34 yld. Circ 180 sx to surface. WOC 8 hrs.

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

**Electronic Submission #392616 verified by the BLM Well Information System
For CIMAREX ENERGY, sent to the Carlsbad**

Name (Printed/Typed) KIMBERLEIGH RHODES

Title REGULATORY TECHNICIAN

Signature (Electronic Submission)

Date 10/20/2017

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

... or agency of the United

(Instructions on page 2)

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

Additional data for EC transaction #392616 that would not fit on the form

32. Additional remarks, continued

06-22-2017 TD 8-3/4" vertical hole @ 8880'. TIH w/ curve assembly.
06-24-2017 TD 8-3/4" curve @ 9833'.
06-26-2017 RIH w/ 7", 26#, N80, BTC csg & set @ 9833'.
06-27-2017 Mix & pump lead: 570 sx, Class H, 10.3 ppg, 3.64 yld; tail w/ 200 sx Class C, 14.5 ppg, 1.24 yld. No cmt to surface. WOC 16 hrs. BLM approved BOP test.
06-28-2017 Test csg to 2500# for 30 mins. Ok.
06-29-2017 KO 6-1/8" lateral.
07-12-2017 TD 6-1/8" hole @ 19380'.
07-14-2017 RIH w/ 4-1/2" 11.6#, HCP 110 liner & set @ 7897-19380'.
07-15-2017 Mix & pump 850 sx, Versacem, 14.5 ppg, 1.223 yld. TOC @ TOL ? 7897'.
07-17-2017 Release Rig

Completion

08-24-2017 MIT pressure test to 9750# for 30 mins. Good - chart.
08-26-2017 Run CBL & submit to BLM for approval.
08-30-2017 to
9-15-2017 Perf Bone Spring @ 9850-19335', 1040 holes. Frac w/ 424056 bbls total fluid and 22108877# sand.
09-16-2017 Well shut in pending drill out.
09-19-2017 to
9-20-17 Mill out plugs and CO to PBTD @ 19345'. Flowback well.
09-21-2017 Turn well to production.