

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. 600 N. Marienfeld St. Suite 600 Midland, TX 7901		² OGRID Number 215099
		³ Reason for Filing Code/ Effective Date NW / 08/06/2018
⁴ API Number 30-025-44135	⁵ Pool Name WC-025 G-09 S253309A; Upper Wolfcamp	⁶ Pool Code 98180
⁷ Property Code 319775	⁸ Property Name Vaca Draw 20-17 Federal	⁹ Well Number 1H

II. ¹⁰ Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
M	20	25S	33E		390	South	590	West	Lea

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
D	17	25S	33E		331	North	378	West	Lea

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	F	08/06/2018			

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
21778	Sunoco R&M PO Box 2039 Tulsa OK 74102	O
174238	Enterprise Crude Oil LLC 210 Park Ave., Suite 1600 Oklahoma City, OK 73102	G

HOBBS OCD

OCT 17 2018

RECEIVED

IV. Well Completion Data

V-12402

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBDT	²⁵ Perforations	²⁶ DHC, MC
12/23/2017	08/06/2018	21,966'	21,940'	12,496'-21,915'	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
14-3/4"	10-3/4"	1051'	839 sx -TOC 0		
9-7/8"	7-5/8"	12,544'	3690 sx -TOC 0		
6-3/4"	5-1/2"	11,701'			
6-3/4"	5	21,960'	1750 sx -TOC 11,970'		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
08/06/2018	08/06/2018	08/15/2018	24	0	4000
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method
50	2361	4658	2430		F

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:
Fatima Vasquez

Title:
Regulatory Analyst

E-mail Address:
fvasquez@cimarex.com

Date:
09/21/2018

Phone:
(432) 620-1933

OIL CONSERVATION DIVISION

Approved by: _____

Title: _____

Approval Date: _____

Documents pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		2. Name of Operator CIMAREX ENERGY COMPANY	Contact: FATIMA VASQUEZ E-Mail: fvasquez@cimarex.com	5. Lease Serial No. NMNM26394
3a. Address 600 N MARIENFELD ST SUITE 600 MIDLAND, TX 79701		3b. Phone No. (include area code) Ph: 432.620.1933		6. If Indian, Allottee or Tribe Name
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 20 T25S R33E SESW 390FSL 590FWL 32.109903 N Lat, 103.600942 W Lon		10. Field and Pool or Exploratory Area WILDCAT; WOLFCAMP (98250)		7. If Unit or CA/Agreement, Name and/or No.
				8. Well Name and No. VACA DRAW 20-17 FEDERAL 1H
				9. API Well No. 30-025-44135
				11. County or Parish, State LEA COUNTY, NM

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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Production Start-up
	<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.

05/29/2018 Log TOC @ 11,970' (CBL).
06/02/2018 Test csg to 12,855 psi for 30 minutes. OK. SWI.
06/16/2018 to
07/15/2018 Perf Wolfcamp @ 12,496'-21,915', 1260 holes, .41". Frac w/ 461,213 bbls total fluid & 22,508,737# sand.
07/20/2018 DO plugs.
07/21/2018 Continue DO plugs & CO to PBTD @ 21,940'.
07/22/2018 SI well.
07/31/2018 Flowback well. SI.
08/06/2018 Turn well to production.

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

**Electronic Submission #439618 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY, sent to the Hobbs**Name (Printed/Typed) **FATIMA VASQUEZ**Title **REGULATORY ANALYST**

Signature (Electronic Submission)

Date **10/15/2018****THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____
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.

Title _____

Office _____

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

Department or agency of the United States

(Instructions on page 2)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMNM26394		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator CIMAREX ENERGY COMPANY			Contact: FATIMA VASQUEZ E-Mail: fvasquez@cimarex.com		
3. Address 600 N MARIENFELD ST SUITE 600 MIDLAND, TX 79701			3a. Phone No. (include area code) Ph: 432.620.1933		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 20 T25S R33E Mer At surface SWSW 390FSL 590FWL 32.109903 N Lat, 103.600942 W Long At top prod interval reported below Sec 17 T25S R33E Mer At total depth NWNW 331FNL 378FWL			9. API Well No. 30-025-44135		
14. Date Spudded 12/23/2017			15. Date T.D. Reached 02/18/2018		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 08/06/2018			17. Elevations (DF, KB, RT, GL)* 3423 GL		
18. Total Depth: MD 21966 TVD 12402			19. Plug Back T.D.: MD 21940 TVD		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each)		
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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
14.750	10.750 J-55	45.5	0	1051		839		0	
6.750	5.500 HCP-110	23.0	0	11701					
9.875	7.625 HCL-80	29.7	35	12544		3690		0	
6.750	5.000 HCP-110	18.0	11701	21960		1750		11970	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12218		12496 TO 21915		1260	PRODUCING
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
12496 TO 21915	461,213 BBLS FLUID & 22,508,737# SAND

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/06/2018	08/15/2018	24	→	2361.0	2430.0	4658.0	47.8		FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
50	SI	4000.0	→	2361	2430	4658	1029	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	Prod.
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio		
	SI		→						

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

ELECTRONIC SUBMISSION #436632 VERIFIED BY THE BLM WELL INFORMATION SYSTEM.

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** O.

SUBMITTED **

Documents pending BLM approvals will
subsequently be reviewed and scanned

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
BONE SPRING WOLFCAMP	9023 12218	11745	SANDSTONE; OIL & GAS SHALE; OIL & GAS	RUSTLER TOP OF SALT	950 1270

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 #436632 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY, sent to the Hobbs**

Name (please print) FATIMA VASQUEZ

Title REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 09/24/2018

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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