

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
HOBBS OCD
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, Suite 600 Midland, Texas 79701		² OGRID Number 215099
		³ Reason for Filing Code/ Effective Date NW / 07/12/2019
⁴ API Number 30 - 025-45413	⁵ Pool Name WC-025 G-08 S243213C; Wolfcamp	⁶ Pool Code 98309
⁷ Property Code 322999	⁸ Property Name Dos Equis 11-14 Federal Com	⁹ Well Number 004H

II. ¹⁰ Surface Location

UL or lot no. D	Section 11	Township 24S	Range 32E	Lot Idn	Feet from the 530	North/South Line North	Feet from the 370	East/West line West	County Lea
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¹¹ Bottom Hole Location

UL or lot no. M	Section 14	Township 24S	Range 32E	Lot Idn	Feet from the 101	North/South line South	Feet from the 328	East/West line West	County Lea
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¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 07/12/201999	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
21778	Sunoco R&M P.O. Box 2039 Tulsa, OK 74102	O
703107	Lucid Energy Delaware, LLC 3100 McKinnon St., Suite 800 Dallas, TX 75201	G

IV. Well Completion Data

²¹ Spud Date 01/22/2019	²² Ready Date 07/12/2019	²³ TD 21,967'	²⁴ PBTB 21,895'	²⁵ Perforations 12,703'-21,868'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
14 3/4"	10 3/4"	1224'	1030 sx - TOC 0		
9 7/8" 8 3/4"	7 5/8"	12,508'	1320 sx - TOC 0		
6 3/4"	5 1/2" 5"	11,696' 21,967'	1255 sx - TOC @ 10,900'		

V. Well Test Data

³¹ Date New Oil 07/12/2019	³² Gas Delivery Date 07/12/2019	³³ Test Date 07/17/2019	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 4171
³⁷ Choke Size 22	³⁸ Oil 1064	³⁹ Water 2443	⁴⁰ Gas 3038		⁴¹ Test Method 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:
08/30/2019

Phone:
432-620-1933

OIL CONSERVATION DIVISION

Approved by: 

Title:
L.M.

Approval Date:
9/9/2019

HOBBS OCDUNITED STATES
DEPARTMENT OF THE INTERIOR SEP 05 2019
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		5. Lease Serial No. NNNM01917
2. Name of Operator CIMAREX ENERGY COMPANY Contact: FATIMA VASQUEZ E-Mail: fvasquez@cimarex.com		6. If Indian, Allottee or Tribe Name
3a. Address 600 N MARIENFELD ST SUITE 600 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-620-1933	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 11 T24S R32E NWNW 530FNL 370FWL 32.237944 N Lat, 103.652759 W Lon		8. Well Name and No. DOS EQUIS 11 14 FEDERAL COM 4H
		9. API Well No. 30-025-45413
		10. Field and Pool or Exploratory Area WILDCAT WOLFCAMP
		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.

Cimarex completed this well as follows:

05/24/2019 Test casing to 2000# for 30 mins. Good test. SWI.
06/24/2019 to
07/05/2019 Perf Wolfcamp @ 12,703' - 21,868', 1232 holes, 0.40'.
Frac w/443,601 bbls total fluid & 21,993,652# sand.
07/06/2019 DO plugs.
07/08/2019 Finish DO plugs. Circulate well clean. SI.
07/12/2019 TTP.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #481454 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 08/30/2019

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.

(Instructions on page 2)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

SEP 05 2019

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

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. NMNM01917	
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 11 T24S R32E Mer At surface NWNW 530FNL 370FWL 32.237944 N Lat, 103.652759 W Lon At top prod interval reported below Sec 14 T24S R32E Mer At total depth SWSW 101FSL 328FWL		8. Lease Name and Well No. DOS EQUIS 11 14 FEDERAL COM 4H	
14. Date Spudded 01/22/2019		15. Date T.D. Reached 02/25/2019	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/12/2019		9. API Well No. 30-025-45413	
18. Total Depth: MD 21967 TVD 12367		19. Plug Back T.D.: MD 21895 TVD 12366	
20. Depth Bridge Plug Set: MD TVD		10. Field and Pool, or Exploratory WILDCAT WOLCAMP	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) RCBL-GAMMA		11. Sec., T., R., M., or Block and Survey or Area Sec 11 T24S R32E Mer	
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)		12. County or Parish LEA	
23. Casing and Liner Record (Report all strings set in well)		13. State NM	
17. Elevations (DF, KB, RT, GL)* 3632 GL			

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
9.875				13100					
14.750	10.750 J-55	40.5	0	1224		1030		0	
6.750	5.500 HCP110	23.0	0	11696					
8.750	7.625 HCL-80	29.7	0	12508		1320		0	
6.750	5.000 HCP110	18.0	11696	21967		1255		10900	

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

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12119		12703 TO 21868	0.400	1232	PRODUCING
B)						
C)						
D)						

Depth Interval	Amount and Type of Material
12703 TO 21868	443,601 BBLS TOTAL FLUID & 21,993,652# SAND

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/12/2019	07/17/2019	24	→	1064.0	3038.0	2443.0	45.9		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	
22		4171.0	→	1064	3038	2443	2855	POW	

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 #481455 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. 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. 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
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Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
RUSTLER	1051	1051	DOLOMITE/ANHYDRITE: WATER	RUSTLER	1051
TOP OF SALT	1372	1372	SALT:BARREN	TOP OF SALT	1372
BELL CANYON	4948	4948	SANDSTONE: WATER	BELL CANYON	4948
CHERRY CANYON	5855	5855	SANDSTONE: WATER	CHERRY CANYON	5855
BRUSHY CANYON	7327	7327	SANDSTONE: WATER	BRUSHY CANYON	7327
TOP OF BONE SPRING	8818	8818	LIMESTONE: WATER	TOP OF BONE SPRING	8818
AVALON	9297	9297	SHALE: OIL, WATER, GAS	AVALON	9297
WOLFCAMP	12119	12119	SHALE/SANDSTONE:OIL,WATER,GAS	WOLFCAMP	12119

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 #481455 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 08/30/2019

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 ****



Cimarex Energy Co.

600 N. Marienfeld St. ♦ Suite 600 ♦ Midland, TX 79701 ♦ (432) 620-1938 ♦ Fax (432) 620-1940

A subsidiary of Cimarex Energy Co. • A NYSE Listed Company • "XEC"

August 30, 2019

State of New Mexico
Oil Conservation Division – District 1
1625 N. French Drive
Hobbs, NM 88240

Re: Request for Exception to Rule 107J
Tubingless Completion
Dos Equis 11-14 Federal Com 4H – 30-025-45413
Lea County, NM

Dear Sir:

Cimarex Energy Co. respectfully requests an exception to NMOCD Rule 107J, well tubing requirements. Cimarex request a tubingless completions for our Dos Equis 11-14 Federal Com 4H well to allow for greater flowback after frac stimulation.

Cimarex plans to install production tubing as soon as flow decreases, which should occur within 6 months.

Thank you for your consideration of this request. Please feel free to contact me if you need additional information.

Sincerely,

A handwritten signature in black ink, consisting of a large, stylized 'F' followed by a horizontal line that tapers off to the right.

Fatima Vasquez
Regulatory Analyst
432-620-1933