

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 / 02/27/2019
⁴ API Number 30-025-45200	⁵ Pool Name WC-025 G-08 S203506D; Bone Spring	⁶ Pool Code 97983
⁷ Property Code 313878	⁸ Property Name Lea 7 Federal Com	⁹ Well Number 30H

II. ¹⁰Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
P	07	20S	35E		191	South	1139	East	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
A	07	20S	35E		101	North	641	East	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	02/27/2019			

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
159160	Versado Gas Processors 811 Louisiana, Suite 2100 Houston, TX 77002	G

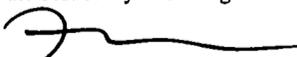
IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBD	²⁵ Perforations	²⁶ DHC, MC
11/29/2018	02/27/2019	16,076'	16,073'	11,546'-16,048'	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	1764'	2255 sx -TOC 0		
12-1/4"	9-5/8"	5658'	3823 sx -TOC 0		
8-3/4"	5-1/2"	16,076'	2800 sx -TOC 1350'		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
02/27/2019	02/27/2019	03/24/2019	24	0	465
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method	
128	1325	1505	1402	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: 

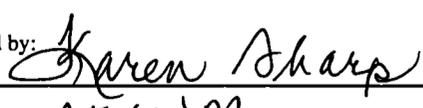
Printed name:
Fatima Vasquez

Title:
Regulatory Analyst

E-mail Address:
fvasquez@cimarex.com

Date:
04/30/2019

Phone:
(432) 620-1933

OIL CONSERVATION DIVISION	
Approved by:	
Title:	Staff Mgr
Approval Date:	5-8-19
Documents pending BLM approvals will subsequently be reviewed and scanned	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

5. Lease Serial No.
NMNM128835

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
LEA 7 FEDERAL COM 30H

2. Name of Operator
CIMAREX ENERGY COMPANY
Contact: FATIMA VASQUEZ
E-Mail: fvasquez@cimarex.com

9. API Well No.
30-025-45200

3a. Address
600 N MARIENFELD ST STE 600
MIDLAND, TX 79701

3b. Phone No. (include area code)
Ph: 432-620-1933

10. Field and Pool or Exploratory Area
WC; BONE SPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 7 T20S R35E SESE 191FSL 1139FEL
32.580939 N Lat, 103.491739 W Lon

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 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 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 must 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 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.

11/29/2018 Spud well.
11/29/2018 Drill to 282'. 100% lost returns on surface & mud returns. 8"/10" hole in cellar floor. RIH w/ 5" drill pipe. Squeeze 805 sx cmt, 14.8 ppg, 1.33 yld. WOC 9.5 hrs.
11/30/2018 Drill cmt 223'-285'. TD 17-1/2" surface hole @ 1764'.
12/01/2018 RIH w/13-3/8", J-55, 54.5#, BT&C csg & set @ 1764'. Mix & pump lead: 1150 sx Class C, 13.5 ppg, 1.73 yld; tail w/ 300 sx Class C, 14.8 ppg, 1.34 yld Class C. Circ 542 sx to surface. WOC 8 hrs.
12/03/2018 Test csg to 1500# for 30 mins. Ok.
12/05/2018 TD 12-1/4" int hole @5673'.
12/06/2018 RIH w/ 9-5/8", J-55, 40#, LTC csg & set @ 5658'. Mix & pump lead: 600 sx Class C, 12.9 ppg, 1.79 yld; tail w/ 223 sx Class C, 14.8 ppg, 1.33 yld. DV tool @ 3526'. Pkr @ 3536'. No cmt circ off of top of DV tool. 2nd stage cmt: 3000 sx Class C, 12.9 ppg, 1.79 yld. Circ 847 sx to

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

Electronic Submission #463495 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 04/30/2019

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 ****

Additional data for EC transaction #463495 that would not fit on the form

32. Additional remarks, continued

surface. WOC 8 hrs.

12/07/2018 Test pkr to 5000 psi, good test. Test csg to 2800 psi, good test. Drill on plug & DV tool @ 3521'-3621'. Test csg to 2800 psi, good test. Drill cmt & float equip @ 5560'-5673'.

12/10/2018 TD vertical hole @ 10,835'.

12/15/2018 Landed 8-3/4" curve @ 11,546'.

12/21/2018 TD 8-3/4" hole @ 16,076'.

12/22/2018 RIH w/ 5-1/2", P-110, 20#, CY LT&C csg & set @10,688'-16,076'. RIH w/ 5-1/2", P-110, 20#, CY BT&C csg & set @10,688'.

12/23/2018 Mix & pump lead: 1400 sx Class H, 10.5 ppg, 2.87 yld; tail w/ 1400 sx Class H, 14.5 ppg, 1.19 yld. No cmt circ to surface. WOC 4 hrs

12/24/2018 Rig release.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS
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5. Lease Serial No.
NMNM128835

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
LEA 7 FEDERAL COM 30H

9. API Well No.
30-025-45200

10. Field and Pool or Exploratory Area
WILDCAT; BONE SPRING

11. County or Parish, State
LEA COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator
CIMAREX ENERGY COMPANY

Contact: FATIMA VASQUEZ
E-Mail: fvasquez@cimarex.com

3a. Address
600 N MARIENFELD ST STE 600
MIDLAND, TX 79701

3b. Phone No. (include area code)
Ph: 432-620-1933

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

Sec 7 T20S R35E SESE 191FSL 1139FEL
32.580939 N Lat, 103.491739 W Lon

HOBS OCD

MAY 06 2019

RECEIVED

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.

01/31/2019 Log TOC @ 1350' (CBL).
02/03/2019 Test csg to 9850 psi for 30 min. Good test.
02/14/2019 to
02/21/2019 Perf Bone Spring @ 11,546'-16,048', 612 holes, .41". Frac w/ 180,683 bbls total fluid & 9,001,038# sand.
02/24/2019 DO plugs.
02/25/2019 Finish DO plugs. Circ well clean to PBSD @ 16,073'. SI.
02/27/2019 Flowing well. TTP.

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

**Electronic Submission #463493 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 04/30/2019

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

**Documents pending BLM approvals will
subsequently be reviewed and scanned**

(Instructions on page 2)

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

WELL COMPLETION OR RECOMPLETION REPORT

HOBBS OCD
MAY 06 2019
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. NMNM128835	
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		7. Unit or CA Agreement Name and No.	
Contact: FATIMA VASQUEZ E-Mail: fvasquez@cimarex.com		8. Lease Name and Well No. LEA 7 FEDERAL COM 30H	
3. Address 600 N MARIENFELD ST SUITE 600 MIDLAND, TX 79701		9. API Well No. 30-025-45200	
3a. Phone No. (include area code) Ph: 432-620-1933		10. Field and Pool, or Exploratory WC-025 G-08 S203506D; BS	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESE 191FSL 1139FEL 32.594037 N Lat, 103.490186 W Lon At top prod interval reported below Sec 7 T20S R35E Mer At total depth NENE 101FNL 641FEL		11. Sec., T., R., M., or Block and Survey or Area Sec 7 T20S R35E Mer	
14. Date Spudded 11/29/2018		15. Date T.D. Reached 12/21/2018	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 02/27/2019		17. Elevations (DF, KB, RT, GL)* 3677 GL	
18. Total Depth: MD 16076 TVD 11181		19. Plug Back T.D.: MD 16073 TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL	
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
17.500	13.375 J-55	54.5	0	1764		2255		0	
12.250	9.625 J-55	40.0	0	5658		3823		0	
8.750	5.500 P-110	20.0	0	16076		2800		1350	

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) BONE SPRING	8390	11320	11546 TO 16048	0.410	612	PRODUCING
B)						
C)						
D)						

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8390	11320	11546 TO 16048	0.410	612	PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
11546 TO 16048	180,683 BBLS OF TOTAL FLUID & 9,001,038# 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
02/27/2019	03/24/2019	24	→	1325.0	1402.0	1505.0	42.6		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	
128	0	465.0	→	1325	1402	1505	1058	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	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 #463509 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OP

Documents 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.)
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
DELAWARE SANDS	5744	8390	SANDSTONE; WATER SANDSTONE; WATER SANDSTONE; WATER, OIL, GAS	RUSTLER	1730
BRUSHY CANYON	8202	8390		TANSIL	3380
BONE SPRINGS	8390	11320		DELAWARE SANDS	5744
WOLFCAMP	11320			BRUSHY CANYON BONE SPRING	8202 8390

32. Additional remarks (include plugging procedure):
Emailed logs to Zota Stevens & Chris Walls 04/30/2019.

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 #463509 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 04/30/2019

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