

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

RECEIVED

JUL 03 2019

Submit one copy to appropriate District Office
DISTRICT II-ARTESIA O.C.D.

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 / 06/18/2019
⁴ API Number 30-015-43173	⁵ Pool Name Hay Hollow; Bone Spring	⁶ Pool Code 30215
⁷ Property Code 40432	⁸ Property Name Cabrera 34 Federal	⁹ Well Number 4H

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
A	34	26S	27E		1110	South	290	West	Eddy

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	34	26S	27E		403	North	101	West	Eddy
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 06/18/2019	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
33479	HollyFrontier Refining and Marketing 2828 North Harwood, Suite 1300 Dallas, TX 75201	O
412019	Hunter Gas Gathering, Inc. 202 S. Cheyenne Ave., Suite 1000 Tulsa, OK 74103	G

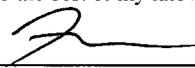
IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBTB	²⁵ Perforations	²⁶ DHC, MC
02/15/2019	06/18/2019	12,316'	12,294'	7450'-12,262'	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	375'	500 sx - TOC 0		
12-1/4"	9-5/8"	2213'	870 sx - TOC 0		
8-3/4"	5-1/2"	12,296'	2162 sx - TOC 0		
Tubing	2-7/8"	7175'			

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
06/18/2019	06/18/2019	06/30/2019	24	619	1133
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method	
38	722	1800	1223	P	

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

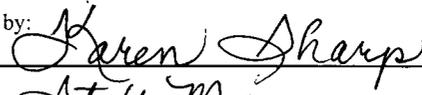
Title: Regulatory Analyst

E-mail Address: fvasquez@cimarex.com

Date: 07/01/2019

Phone: (432) 620-1933

OIL CONSERVATION DIVISION

Approved by: 

Title: Staff Mgr

Approval Date: 7-18-19

Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUL 03 2019

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 District II-Artesian O.C.D. abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No. NMMN117116
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No. CABRERA 34 FEDERAL 4H
9. API Well No. 30-015-43173
10. Field and Pool or Exploratory Area HAY HOLLOW; BONE SPRING
11. County or Parish, State EDDY 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 SUITE 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 34 T26S R27E NENE 1110FSL 290FEL 32.003054 N Lat, 104.170139 W Lon

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 Production Start-up
	<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.

Cimarex completed this well as follows:

- 05/14/2019 Test csg to 6800# for 30 min. Good test. SWI.
- 05/26/2019 to
- 06/05/2019 Perf Bone Spring @ 7450' - 12,262', 700 holes, .41". Frac w/ 252,837 bbls total fluid & 12,609,037# sand.
- 06/08/2019 DO plugs.
- 06/09/2019 Finish DO plugs. Circulate well clean. SI.
- 06/14/2019 RIH w/ 2-7/8" 6.5# L-80 8rd EUE prod tbg, GLV, & pkr and set @ 7175'.
- 06/18/2019 TTP.

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #471723 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY, sent to the Carlsbad

Name (Printed/Typed) FATIMA VASQUEZ Title REGULATORY ANALYST
Signature (Electronic Submission) Date 07/01/2019

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 and willfully to make any statement 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

RECEIVED

JUL 03 2019

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

WELL COMPLETION OR RECOMPLETION REPORT

DISPATCH ARTESIA O.C.D.

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. NMNM117116		
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			7. Unit or CA Agreement Name and No.		
3. Address 600 N MARIENFELD ST SUITE 600 MIDLAND, TX 79701		3a. Phone No. (include area code) Ph: 432-620-1933	8. Lease Name and Well No. CABRERA 34 FEDERAL 4H		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENE 1110FSL 290FEL 32.003054 N Lat, 104.170139 W Lon At top prod interval reported below Sec 34 T26S R27E Mer At total depth NWNW 403FNL 101FWL			9. API Well No. 30-015-43173		
14. Date Spudded 02/15/2019	15. Date T.D. Reached 02/25/2019	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/18/2019	10. Field and Pool, or Exploratory HAY HOLLOW; BONE SPRING		
18. Total Depth: MD 12316 TVD 7615	19. Plug Back T.D.: MD 12294 TVD	20. Depth Bridge Plug Set: MD TVD	11. Sec., T., R., M., or Block and Survey or Area Sec 34 T26S R27E Mer		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE			12. County or Parish EDDY		
			13. State NM		
			17. Elevations (DF, KB, RT, GL)* 3233 GL		

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	48.0	0	375		500		0	
12.250	9.625 J-55	36.0	0	2213		870		0	
8.750	5.500 L-80	17.0	0	12296		2162		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)
2.875	7175	7175						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	5914		7450 TO 12262	0.410	700	PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7450 TO 12262	252,837 TOTAL FLUIDS & 12,609,037# 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
06/18/2019	06/30/2019	24	→	722.0	1223.0	1800.0	43.6		GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
38	SI 619	1133.0	→	722	1223	1800	1694	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API
			→				
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio
	SI		→				

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