

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

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 / 01/29/2019
⁴ API Number 30-025-45020	⁵ Pool Name Sand Dunes; Bone Spring, South	⁶ Pool Code 53805
⁷ Property Code 31345	⁸ Property Name James 19 Federal	⁹ Well Number 34H

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
B	19	23S	32E		391	North	2310	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
O	19	23S	32E		102	South	2258	East	Lea
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 01/29/2019	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
21778	Sunoco R&M PO Box 2039 Tulsa OK 74102	O
36785	DCP Midstream, LP 370 17th St Suite 2500 Denver CO 80202	G

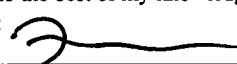
IV. Well Completion Data

²¹ Spud Date 10/30/2018	²² Ready Date 01/29/2019	²³ TD 13,650'	²⁴ PBDT 13,647'	²⁵ Perforations 9106'-13,622'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	1212'	1145 sx - TOC 0		
12-1/4"	9-5/8"	4678'	1510 sx - TOC 0		
8-3/4"	5-1/2"	13,650'	2200 sx - TOC 3600'		
Tubing	2-7/8"	8602'			

V. Well Test Data

³¹ Date New Oil 01/29/2019	³² Gas Delivery Date 01/29/2019	³³ Test Date 02/28/2019	³⁴ Test Length 24	³⁵ Tbg. Pressure 721	³⁶ Csg. Pressure 363
³⁷ Choke Size 36	³⁸ Oil 1071	³⁹ Water 630	⁴⁰ Gas 3725		⁴¹ Test Method 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

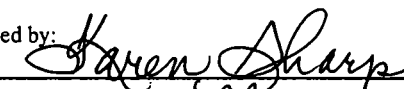
E-mail Address:
fvasquez@cimarex.com

Date:
04/25/2019

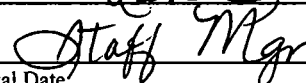
Phone:
(432) 620-1933

OIL CONSERVATION DIVISION

Approved by:



Title:



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: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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			6. If Indian, Allottee or Tribe Name		
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 _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator CIMAREX ENERGY COMPANY			8. Lease Name and Well No. JAMES 19 FEDERAL 34H		
Contact: FATIMA VASQUEZ E-Mail: fvasquez@cimarex.com					
3. Address 600 N MARIENFELD ST STE 600 MIDLAND, TX 79701			9. API Well No. 30-025-45020		
3a. Phone No. (include area code) Ph: 432-620-1933					
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 19 T23S R32E Mer At surface NWNE 390FNL 2310FEL 32.296164 N Lat, 103.712682 W Lon At top prod interval reported below Sec 19 T23S R32E Mer At total depth SWSE 102FSL 2258FEL			10. Field and Pool, or Exploratory SAND DUNES, BONE SPRING, S		
			11. Sec., T., R., M., or Block and Survey or Area Sec 19 T23S R32E Mer		
			12. County or Parish LEA		13. State NM
14. Date Spudded 10/30/2018		15. Date T.D. Reached 11/09/2018	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/29/2019		17. Elevations (DF, KB, RT, GL)* 3640 GL
18. Total Depth: MD 13650 TVD 9003		19. Plug Back T.D.: MD 13647 TVD 9002		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL/RBL			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	48.0	0	1212		1145		0	
12.250	9.625 J-55	40.0	0	4678		1510		0	
8.750	5.500 L-80	20.0	0	13650		2200		3600	

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	8602	8602						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8600		9106 TO 13622	0.410	646	PRODUCING
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
9106 TO 13622	187,558 BBLs TOTAL FLUID & 9,552,418# 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
01/29/2019	02/28/2019	24	→	1071.0	3725.0	630.0	44.2		GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
36	721	363.0	→	1071	3725	630	3478	POW	

28a. Production - Interval B

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

Documents pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #463247 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. 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
BELL CANYON CHERRY CANYON BONE SPRING	4805 5630 8600	5630 6960	WATER WATER WATER, OIL, GAS		

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

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 #463247 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 04/26/2019

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 ****