

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 / 07/24/2015
⁴ API Number 30-025-42546	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 2H

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
N	07	20S	35E		505	South	1597	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
C	07	20S	35E		331	North	1992	West	Lea
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 07/24/2018	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
159160	Versado Gas Processors 811 Louisiana, Suite 2100 Houston, TX 77002	G

IV. Well Completion Data

²¹ Spud Date 02/09/2018	²² Ready Date 07/24/2018	²³ TD 15,732' / 11,766'	²⁴ PBDT 15,729'	²⁵ Perforations 11,453'-15,704'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	1845'	1350 sx -TOC 0		
12-1/4"	9-5/8"	5622'	3765 sx -TOC 0		
8-3/4"	5-1/2"	15,732'	2500 sx -TOC 0		

V. Well Test Data

³¹ Date New Oil 07/24/2018	³² Gas Delivery Date 07/24/2018	³³ Test Date 08/14/2018	³⁴ Test Length 24	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 825
³⁷ Choke Size 44	³⁸ Oil 1443	³⁹ Water 712	⁴⁰ Gas 1468		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

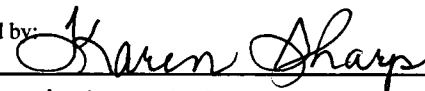
E-mail Address:
fvasquez@cimarex.com

Date:
09/19/2018

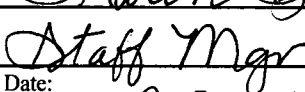
Phone:
(432) 620-1933

OIL CONSERVATION DIVISION

Approved by:



Title:



Approval Date:

9-26-18

Documents pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD
SEP 25 2018
RECEIVED

FORM 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. 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 2H		
3. Address 600 N MARIENFELD ST SUITE 600 MIDLAND, TX 79701			9. API Well No. 30-025-42546		
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)* Sec 7 T20S R35E Mer At surface 505FSL 159FWL 32.581772 N Lat, 103.499981 W Lon At top prod interval reported below Sec 7 T20S R35E Mer At total depth 331FNL 1992FWL 32.593994 N Lat, 103.498692 W Lon			11. Sec., T., R., M., or Block and Survey or Area Sec 7 T20S R35E Mer		
14. Date Spudded 02/09/2018			15. Date T.D. Reached 02/28/2018		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/24/2018			17. Elevations (DF, KB, RT, GL)* 3672 GL		
18. Total Depth: MD 15732 TVD 11175		19. Plug Back T.D.: MD 15729 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	1845		1350		0	
12.250	9.625 J-55	40.0	0	5622		3765		0	
8.750	5.500 HCP-110	20.0	0	15732		2500		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)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) 3RD BONE SPRINGS	11080	11240	11453 TO 15704		630	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
11453 TO 15704	166,146 BBLs OF TOTAL FLUID & 8,666,914# 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
07/24/2018	08/14/2018	24	→	1443.0	1468.0	712.0	44.5		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	
44	SI	825.0	→	1443	1468	712	1017	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 #436062 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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
CHERRY CANYON	5740	8110	SANDSTONE; WATER	RUSTLER	1800
BRUSHY CANYON	8110	8299	SANDSTONE; WATER	TANSIL	3380
BONE SPRINGS	8299	9606	SANDSTONE; WATER, OIL, GAS	SEVEN RIVERS	3880
1ST BONE SPRING SAND	9606	10233	SANDSTONE; WATER, OIL, GAS	CHERRY CANYON	5740
2ND BONE SPRING SAND	10233	11080	SANDSTONE; WATER, OIL, GAS	BRUSHY CANYON	8110
3RD BONE SPRING SAND	11080	11240	SANDSTONE; WATER, OIL, GAS	BONE SPRING	8299
WOLFCAMP	11240			1ST BONE SPRING SAND	9606
				2ND BONE SPRING SAND	10233

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 #436062 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 09/19/2018

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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