

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. of Colorado 202 S. Cheyenne Ave. Suite 1000 Tulsa OK 74103		² OGRID Number 162683
		³ Reason for Filing Code/ Effective Date ND/ 4/20/2018
⁴ API Number 30 - 0 15-42739	⁵ Pool Name Purple Sage Wolfcamp Gas	⁶ Pool Code 98220
⁷ Property Code 313808	⁸ Property Name Laguna Grande Unit	⁹ Well Number 7H

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
B	29	23S	29E		180'	North	1650'	East	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
O	29	23S	29E		326'	South	1878'	East	Eddy

¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 4/20/2018	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 PO Box 2039 Tulsa OK 74102	O
703107	Lucid Energy	G

NM OIL CONSERVATION
ARTESIA DISTRICT

JUL 18 2018

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IV. Well Completion Data

²¹ Spud Date 1/11/2018	²² Ready Date 4/20/2018	²³ TD 14595' MD 9995 TVD	²⁴ PBDT 14582'	²⁵ Perforations 10202'-14555'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12.25	9.625	2863'	1455 sks - CUC		
8.75	7	10135'	890 520 sks - CUC		
6	4.5	14595'	365 sks		
	3 1/2"	8487			

V. Well Test Data

³¹ Date New Oil 5/1/2018	³² Gas Delivery Date 4/20/2018	³³ Test Date 6/4/2018	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 3159	³⁶ Csg. Pressure 227
³⁷ Choke Size 22	³⁸ Oil 974	³⁹ Water 1219	⁴⁰ Gas 1852		⁴¹ Test Method

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:
Amithy Crawford

Printed name:
Amithy Crawford

Title:
Regulatory Analyst

E-mail Address:
acrawford@cimarex.com

Date:
7/6/2018

Phone:
432-620-1909

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Rusty Hines
Business Operations
7-20-2018

Pending BLM approvals will
subsequently be reviewed
and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTNM OIL CONSERVATION
ARTESIA DISTRICT

JUL 18 2018

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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5. Lease Serial No.
NMNM19848

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" 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 CO.		8. Lease Name and Well No. LAGUNA GRANDE UNIT 7H	
Contact: AMITHY E CRAWFORD E-Mail: acrawford@cimarex.com			
3. Address 202 S. CHEYENNE AVE. SUITE 1000 TULSA, OK 74103		9. API Well No. 30-015-42739	
3a. Phone No. (include area code) Ph: 432-620-1909			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNE 180E SL 1650FEL At top prod interval reported below NWNE 600FNL 1848FEL At total depth SWSE 326FSL 1878FEL		10. Field and Pool, or Exploratory PURPLE SAGE WOLFCAMP GAS	
11. Date Spudded 01/11/2018		11. Sec., T., R., M., or Block and Survey or Area Sec 29 T23S R29E Mer	
15. Date T.D. Reached 01/31/2018		12. County or Parish EDDY	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/20/2018		13. State NM	
17. Elevations (DF, KB, RT, GL)*			
18. Total Depth: MD 14595 TVD 9995		19. Plug Back T.D.: MD 14582 TVD 9995	
20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE		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
12.250	9.625 J55	36.0	0	2863		1455	- CUE	0	521
8.750	7.000 N80	26.0	0	10135		620	890 - CUE	0	200
6.000	4.500 HCP110	11.6	8516	14595		365		8516	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)
3.500	8487	8487						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	10202	14555	10202 TO 14555	0.430	770	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
10202 TO 14555	8533624 GAL SLICK WATER AND 10895945 LBS 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
05/01/2018	06/04/2018	24	→	974.0	1852.0	1219.0	42.6		GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
22	3159	227.0	→	974	1852	1219	1901	PGW	

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 #426529 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Pending BLM approvals will
subsequently be reviewed,
and scanned

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.)
CAPTURED

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	2923	3902	SANDSTONE: WATER	RUSTLER	1800
CHERRY CANYON	3902	4987	SANDSTONE: WATER	CHERRY CANYON	3902
BRUSHY CANYON	4987	6615	SANDSTONE: WATER OIL GAS	SALADO	680
BONE SPRING	6615	9897	SANDSTONE WATER OIL GAS	CASTILE	2705
				BELL CANYON	2923
				BONE SPRING	6615

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 #426529 Verified by the BLM Well Information System.
For CIMAREX ENERGY CO., sent to the Carlsbad

Name (please print) AMITHY E CRAWFORDTitle REGULATORY ANALYSTSignature (Electronic Submission)Date 07/06/2018

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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