

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## NM OIL CONSERVATION

ARTESIA DISTRICT

OCD, Artesia  
APR 01 2019FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM92167

- 1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

RECEIVED

6. If Indian, Allottee or Tribe Name  
7. Unit or CA Agreement Name and No.

2. Name of Operator  
CIMAREX ENERGY COMPANY

Contact: AMITHY E CRAWFORD  
E-Mail: acrawford@cimarex.com

8. Lease Name and Well No.  
DAVINCI 7-18 FEDERAL COM 9H

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

3a. Phone No. (include area code)  
Ph: 432-620-1909

9. API Well No.  
30-015-44697-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

Sec 6 T25S R27E Mer NMP  
At surface Lot 7 410FSL 1050FWL 32.152901 N Lat, 104.234596 W Lon  
Sec 7 T25S R27E Mer NMP  
At top prod interval reported below Lot 1 335FNL 373FWL  
Sec 18 T25S R27E Mer NMP  
At total depth Lot 4 330FSL 376FWL

10. Field and Pool, or Exploratory  
PURPLE SAGE-WOLFCAMP (GAS)

11. Sec., T., R., M., or Block and Survey  
or Area Sec 6 T25S R27E Mer NMP

12. County or Parish  
EDDY

13. State  
NM

14. Date Spudded  
05/02/2018

15. Date T.D. Reached  
07/01/2018

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
10/12/2018

17. Elevations (DF, KB, RT, GL)\*  
3279 GL

18. Total Depth: MD  
TVD

19984  
9744

19. Plug Back T.D.: MD  
TVD

19968  
9744

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
NONE

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☐ No ☒ 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 J55	48.0	0	457		575		0	230
12.250	9.625 J55	36.0	0	2015		825		0	298
8.750	7.000 N80	26.0	0	9832		1050		0	334
6.000	4.500 HCP110	13.5	8165	19992		825		9632	

## 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) WOLFCAMP	10050	19945	10050 TO 19945	0.400	1269	OPEN
B)						
C)						
D)						

## 26. Perforation Record

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

Depth Interval	Amount and Type of Material
10050 TO 19945	FRAC WITH 24407890 GAL SLICKWATER AND 22870197 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
10/12/2018	10/18/2018	24	→	809.0	9941.0	3897.0	45.9		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
34	SI	3244.0	→	809	9941	3897	12288	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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

ACCEPTED FOR RECORD  
MAR 30 2019  
Wendy Aguilar  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #451618 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

Reclamation Due: 4/12/2019

## 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
SALADO	1178	1837	BARREN	CASTILE	1837
CASTILE	1837	2043	BARREN	BELL CANYON	2043
BELL CANYON	2043	3022	OIL GAS WATER	CHERRY CANYON	3022
CHERRY CANYON	3022	5234	OIL GAS WATER	BRUSHY CANYON	4050
BRUSHY CANYON	5234	5545	OIL GAS WATER	BONE SPRING	5545
BONE SPRING	5545	8623	OIL GAS WATER	WOLFCAMP	8623
WOLFCAMP	8623		OIL GAS WATER		

## 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 #451618 Verified by the BLM Well Information System.  
For CIMAREX ENERGY COMPANY, sent to the Carlsbad  
Committed to AFMSS for processing by DINAH NEGRETE on 03/25/2019 (19DCN0180SE)

Name (please print) AMITHY E CRAWFORDTitle REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission)

Date 01/23/2019

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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-44697	<sup>2</sup> Pool Code 98220	<sup>3</sup> Pool Name Purple Sage (Wolfcamp) Gas
<sup>4</sup> Property Code 317791	<sup>5</sup> Property Name DAVINCI 7-18 FEDERAL COM	<sup>6</sup> Well Number 9H
<sup>7</sup> OGRID No. 215099	<sup>8</sup> Operator Name CIMAREX ENERGY CO.	<sup>9</sup> Elevation 3279.1'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 7	6	25S	27E		410	SOUTH	1050	WEST	EDDY

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 4	18	25S	27E		330	SOUTH	376'	WEST	EDDY
<sup>12</sup> Dedicated Acres 635.36	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.						

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

