

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. 202 S Cheyenne Ave., Ste 1000 Tulsa, OK 74103		² OGRID Number 215099
		³ Reason for Filing Code/ Effective Date NW - 1-18-18
⁴ API Number 30 - 015-44220	⁵ Pool Name Purple Sage Wolfcamp Gas	⁶ Pool Code 98220
⁷ Property Code 317791	⁸ Property Name DaVinci 7-18 Federal Com	⁹ Well Number 6H

II. ¹⁰ Surface Location

UL or lot no. 7	Section 6	Township 25S	Range 27E	Lot Idn	Feet from the 350	North/South Line SOUTH	Feet from the 1190	East/West line WEST	County EDDY
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¹¹ Bottom Hole Location

UL or lot no. 4	Section 18	Township 25S	Range 27E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 374	East/West line WEST	County EDDY
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 1-18-18	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 Inc. R & M PO Box 2039; Tulsa OK	
226737	DCP Midstream 370 17 th St, Ste 2500; Denver CO	
	NM OIL CONSERVATION ARTESIA DISTRICT FEB 27 2018	
	RECEIVED	

IV. Well Completion Data

²¹ Spud Date 10-12-17	²² Ready Date 1-12-18	²³ TD 18854/10655	²⁴ PBDT 18765	²⁵ Perforations 9162-18760'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	435	831 - TOC 0'		
12.25	9.625	1998	840 - TOC 0'		
8.75	7	8830	775 - TOC 0'		
6	4.5	7206-18854	775 - TOC @ 7206'		

V. Well Test Data

³¹ Date New Oil 1-27-18	³² Gas Delivery Date 1-24-18	³³ Test Date 2-1-18	³⁴ Test Length 24	³⁵ Tbg. Pressure 1168	³⁶ Csg. Pressure 657
³⁷ Choke Size 24/64	³⁸ Oil 360	³⁹ Water 5091	⁴⁰ Gas 987	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:

Printed name:
Terri Stathem

Title:
Regulatory

E-mail Address:
tstathem@cimarex.com

Date:
02-23-18

Phone:
432-620-1936

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Rusty Klein
Business Ops Spec A
2-28-2018

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

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 _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
CIMAREX ENERGY COMPANY Contact: TERRI STATHEM
E-Mail: tstatthem@cimarex.com

8. Lease Name and Well No.
DA VINCI 7-18 FEDERAL COM 6H

3. Address 202 S CHEYENNE AVE., STE. 1000
TULSA, OK 74103

3a. Phone No. (include area code)
Ph: 432-620-1936

9. API Well No.
30-015-44220

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

At surface SWSW Lot 7 350FSL 1190FWL

At top prod interval reported below SWSW Lot 7 350FSL 1190FWL

At total depth SWSW Lot 7 350FSL 1190FWL

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

12. County or Parish
EDDY 13. State
NM

14. Date Spudded
10/12/2017

15. Date T.D. Reached
11/05/2017

16. Date Completed
☐ D & A ☒ Ready to Prod.
01/12/2018

17. Elevations (DF, KB, RT, GL)*
3281 GL

18. Total Depth: MD
TVD 18854
10655

19. Plug Back T.D.: MD
TVD 18765

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	435		831		0	0
12.250	9.625 J55	36.0	0	1998		840		0	0
8.750	7.000 L80	32.0	0	8830		775		0	0
6.000	4.500 P110	11.6	7206	18854		775		7206	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	7182	7182						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	9162	18760	9162 TO 18760	0.380	1610	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9162 TO 18760	448868 BBLS TOTAL FLUID; 22559015# 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
01/27/2018	02/01/2018	24	→	360.0	987.0	5091.0			GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24	1168	657.0	→	360	987	5091	2741	PGW	

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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio
			→				

Pending BLM approvals will subsequently be reviewed and scanned

Handwritten signature

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

ELECTRONIC SUBMISSION #405614 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	2085	2946	SANDSTONE; WATER	RUSTLER	0
CHERRY CANYON	2979	3979	SANDSTONE WATER	SALADO	1830
BRUSHY CANYON	4158	5568	SANDSONTE WATER MINOR GAS	CASTILLE	1830
BONE SPRING	5806	6122	SHALE GAS AND WATER	BELL CANYON	2040
BONE SPRING	6980	7375	SANDSTONE WATER OIL GAS	CHERRY CANYON	2946
WOLFCAMP	8852	18854	SHALE GAS OIL AND WATER	BRUSHY CANYON	4087
				BONE SPRING	5568
				WOLFCAMP	8852

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 #405614 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY, sent to the Carlsbad

Name (please print) TERRI STATHEMTitle MANAGER REGULATORY COMPLIANCE

Signature _____ (Electronic Submission)

Date 02/23/2018

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 20185. Lease Serial No.
NMNM92167

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
DA VINCI 7-18 FEDERAL COM 6H9. API Well No.
30-015-4422010. Field and Pool or Exploratory Area
PURPLE SAGE WOLFCAMP GAS11. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
CIMAREX ENERGY COMPANYContact: TERRI STATHEM
E-Mail: tstatthem@cimarex.com3a. Address
202 S CHEYENNE AVE
TULSA, OK 741033b. Phone No. (include area code)
Ph: 432-620-19364. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 6 T25S R27E SWSW 350FSL 1190FWL

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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<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 recompleat 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 recompleat 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.

12-15-17 Test csg to 9100# for 30 mins ok.

12-15-17to

01-07-18 Perf Wolfcamp @ 9162-18760'. 1610 holes, .38. Frac w/ 448868 bbls total fluid, 22559015# sand.

01-08-18 to

01-10-18 Drill out plugs. CO to PBTD: 18765'.

01-12-18 Flowback well.

01-14-18 Shut well in.

01-18-18 RIH w/ 3-1/2" tbg, GLV, & pkr & set @ 7182'. Turn well to production.

NM OIL CONSERVATION
ARTESIA DISTRICT
FEB 27 2018
RECEIVED

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #405601 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY, sent to the Carlsbad**

Name (Printed/Typed) TERRI STATHEM

Title MANAGER REGULATORY COMPLIANCE

Signature (Electronic Submission)

Date 02/23/2018

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 scannedTitle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly to
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

Agent or agency of the United

(Instructions on page 2)

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

Additional data for EC transaction #405601 that would not fit on the form

32. Additional remarks, continued