

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 Suite 600 Midland TX 79701		² OGRID Number 215099
		³ Reason for Filing Code/ Effective Date ND / 10/12/2018
⁴ API Number 30 - 015-44697	⁵ Pool Name Purple Sage Wolfcamp	⁶ Pool Code 98220
⁷ Property Code 317791	⁸ Property Name DaVinci 7-18 Federal Com	⁹ Well Number 9H

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
Lot 7	6	25S	27E		410'	South	1050'	West	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
Lot 4	18	25S	27E		330'	South	376'	West	Eddy

¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 10/12/2018	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/GAV
21788	Sunoco Inc. R&M PO Box 2039 Tulsa OK	O
226737	DCP Midstream 370 17th St., Ste 2500 Denver CO.	G
NM OIL CONSERVATION ARTESIA DISTRICT		
JAN 24 2019		

IV. Well Completion Data

RECEIVED

²¹ Spud Date 5/2/18	²² Ready Date 10/12/2018	²³ TD 9744' TVD 19984' MD	²⁴ PBDT 19968'	²⁵ Perforations 10050'-19945'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5"	13.375"	457'	575 sks- TOC 0' - <i>cur</i>		
12.25"	9.625"	2015'	825 sks- TOC 0' - <i>cur</i>		
8.75"	7"	9832'	1050 sks- TOC 0' <i>cur</i>		
6"	4.5"	8165'-19992'	825 sks- TOC Calc 9632'		

V. Well Test Data

³¹ Date New Oil 10/12/2018	³² Gas Delivery Date 10/12/2018	³³ Test Date 10/18/2018	³⁴ Test Length 24 hours	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 3244
³⁷ Choke Size 34	³⁸ Oil 809	³⁹ Water 3897	⁴⁰ Gas 9941		⁴¹ Test Method Flowing

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: 1/21/19 Phone: 432-620-1909

OIL CONSERVATION DIVISION
Approved by: *Rusty Klein*
Title: *Business Development*
Approval Date: *1-31-2019*

Pending BLM approvals will subsequently be reviewed and scanned

NM OIL CONSERVATION
ARTESIA DISTRICT

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JAN 24 2019

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

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 _____

2. Name of Operator
CIMAREX ENERGY CO. Contact: AMITHY E CRAWFORD
E-Mail: acrawford@cimarex.com

3. Address 600 N. MARIENFELD SUITE 600
MIDLAND, TX 79701 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 Sec 6 T25S R27E Mer Lot 7 410FSL 1050FVL
 At top prod interval reported below Sec 7 T25S R27E Mer Lot 1 335FNL 373FVL
 At total depth Sec 18 T25S R27E Mer Lot 4 330FSL 376FVL

6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.
8. Lease Name and Well No.
DAVINCI 7-18 FEDERAL COM 9H
9. API Well No.
30-015-44697
10. Field and Pool, or Exploratory
PURPLE SAGE WOLFCAMP
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
05/02/2018 15. Date T.D. Reached
07/01/2018 RR 7-4-18
16. Date Completed
 D & A Ready to Prod.
10/12/2018
17. Elevations (DF, KB, RT, GL)*
3279 GL
18. Total Depth: MD 19984 19. Plug Back T.D.: MD 19968
TVD 9744 TVD 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

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	10050	19945	10050 TO 19945	0.400	1269	OPEN
B)						
C)						
D)						

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		FLOWS FROM WELL
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
			→				
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio
	SI		→				

Pending BLM approvals will
subsequently be reviewed
and scanned 1-31-19

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

ELECTRONIC SUBMISSION #451618 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
SALADO	1178	1837	BARREN	CASTILLE	1837
CASTILLE	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 CO., sent to the Carlsbad

Name (please print) AMITHY E CRAWFORD Title 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.

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



Cimarex Energy Co.

600 N. Marienfeld St. ♦ Suite 600 ♦ Midland, TX 79701 ♦ (432) 620-1938 ♦ Fax (432) 620-1940
A subsidiary of Cimarex Energy Co. • A NYSE Listed Company • "XEC"

January 24th 2019

NM OIL CONSERVATION
ARTESIA DISTRICT

JAN 24 2019

RECEIVED

State of New Mexico
Oil Conservation Division – District 1
1625 N. French Drive
Hobbs, NM 88240

Re: Request for Exception to Rule 107J
Tubingless Completion
Davinci 7-18 Federal Com 9H
Eddy County, NM

Dear Sir:

Cimarex Energy Co. respectfully requests an exception to NMOCD Rule 107J, well tubing requirements. Cimarex request a tubingless completions for our Davinci 7-18 Federal Com 9H well to allow for greater flowback after frac stimulation.

Cimarex plans to install production tubing as soon as flow decreases, which should occur within 6 months.

Thank you for your consideration of this request. Please feel free to contact me if you need additional information.

Sincerely,

Amithy Crawford
Amithy Crawford
Regulatory Analyst
432-620-1909

**Provide tubing detail or
request Tubing Exception**
refused 1-12-2019
extensions approved to 4-12-2019

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS IN OIL CONSERVATION
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No. NMNM92167
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2 JAN 24 2019

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

1. Type of Well
 Oil Well Gas Well Other

RECEIVED

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

2. Name of Operator CIMAREX ENERGY CO. Contact: AMITHY E CRAWFORD E-Mail: acrawford@cimarex.com

9. API Well No. 30-015-44697

3a. Address 600 N. MARIENFELD SUITE 600 MIDLAND, TX 79701

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

10. Field and Pool or Exploratory Area PURPLE SAGE WOLFCAMP

4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 6 T25S R27E 410FSL 1050FWL

11. County or Parish, State EDDY COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 Production Start-up
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 recomplete 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 recompletion 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.

Davinci 7-18 Fed Com 9H
Completion Ops

8/26/2018 to 9/21/2018- Perforate Wolfcamp from 10050'- 19,945' with 1269 holes, .40. Frac with 24407890 gal slickwater and 22870197 lbs sand.
9/24/2018- Drill out plugs and tag PBTD at 19968'.
10/07/2018- Flowback
10/12/2018- Turn well to Production.
Will run tubing on a later date.

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #451606 verified by the BLM Well Information System For CIMAREX ENERGY CO., sent to the Carlsbad

Name (Printed/Typed) AMITHY E CRAWFORD Title REGULATORY ANALYST

Signature (Electronic Submission) Date 01/23/2019

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 scanned
up
1-31-19

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