

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

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-104  
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator name and Address Cimarex Energy Co. of Colorado 600 N. Marienfeld Street, Suite 600 Midland, TX 79701		<sup>2</sup> OGRID Number 162683
		<sup>3</sup> Reason for Filing Code/ Effective Date NW: 2-9-17
<sup>4</sup> API Number 30 - 015 - 43773	<sup>5</sup> Pool Name Purple Sage; Wolfcamp (Gas)	<sup>6</sup> Pool Code 98220
<sup>7</sup> Property Code 316191	<sup>8</sup> Property Name Pintail 23-26 Federal Com	<sup>9</sup> Well Number 10H

**II. <sup>10</sup> Surface Location**

<sup>11</sup> Ul or lot no. C	<sup>12</sup> Section 23	<sup>13</sup> Township 25S	<sup>14</sup> Range 26E	<sup>15</sup> Lot Idn	<sup>16</sup> Feet from the 330'	<sup>17</sup> North/South Line North	<sup>18</sup> Feet from the 1980'	<sup>19</sup> East/West line West	<sup>20</sup> County Eddy
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**<sup>11</sup> Bottom Hole Location**

<sup>21</sup> Ul or lot no. N	<sup>22</sup> Section 26	<sup>23</sup> Township 25S	<sup>24</sup> Range 26E	<sup>25</sup> Lot Idn	<sup>26</sup> Feet from the 329'	<sup>27</sup> North/South line South	<sup>28</sup> Feet from the 2302'	<sup>29</sup> East/West line West	<sup>30</sup> County Eddy
<sup>31</sup> Lse Code F	<sup>32</sup> Producing Method Code P	<sup>33</sup> Gas Connection Date 2-24-17	<sup>34</sup> C-129 Permit Number	<sup>35</sup> C-129 Effective Date	<sup>36</sup> C-129 Expiration Date				

**III. Oil and Gas Transporters**

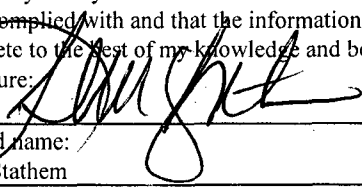
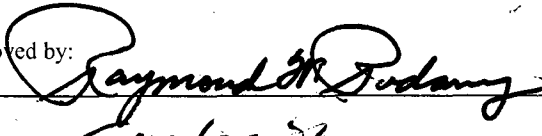

<sup>37</sup> Transporter OGRID	<sup>38</sup> Transporter Name and Address	<sup>39</sup> O/G/W
21778	Sunoco Inc. R & M P O Box 2039; Tulsa OK	
226737	DCP Midstream. 370 17th St., Ste 2500 Denver CO	
NM OIL CONSERVATION ARTESIA DISTRICT APR 24 2017 RECEIVED		

**IV. Well Completion Data**

<sup>40</sup> Spud Date 9-22-16	<sup>41</sup> Ready Date 2-9-17	<sup>42</sup> TD 18381' / 8948	<sup>43</sup> PBDT 118357'	<sup>44</sup> Perforations 8951-18330'	<sup>45</sup> DHC, MC
<sup>46</sup> Hole Size	<sup>47</sup> Casing & Tubing Size	<sup>48</sup> Depth Set	<sup>49</sup> Sacks Cement		
17 1/2"	13 3/8'	450'	550		
12 1/4 "	9 5/8"	1853'	765		
8 3/4"	7"	9027'	705 sx - TOC @ 942		
6"	4-1/2" - liner	8344-18381'	745 sx - TOC @ 8344'		

**V. Well Test Data**

<sup>50</sup> Date New Oil 2-26-17	<sup>51</sup> Gas Delivery Date 2-24-2017	<sup>52</sup> Test Date 3-6-17	<sup>53</sup> Test Length 24	<sup>54</sup> Tbg. Pressure 1340	<sup>55</sup> Csg. Pressure 0
<sup>56</sup> Choke Size 36	<sup>57</sup> Oil 572	<sup>58</sup> Water 3557	<sup>59</sup> Gas 1515	<sup>60</sup> Test Method	

<sup>61</sup> 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: 		OIL CONSERVATION DIVISION	
Printed name: Terri Stathem		Approved by: 	
Title: Regulatory		Title: Geologist	
E-mail Address: tstathem@cimarex.com		Approval Date: 4-25-17	
Date: 4-21-2017	Phone: 432-620-1936	Pending BLM approvals will subsequently be reviewed and scanned 	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NMOCD

Artesia

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018NM OIL CONSERVATION  
ARTESIA DISTRICT  
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.  
APR 24 2017Lease Serial No.  
NMNM94076

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

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1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

PINTAIL 23 26 FEDERAL COM 10H

2. Name of Operator

CIMAREX ENERGY COMPANY

Contact: ARICKA EASTERLING

E-Mail: aeasterling@cimarex.com

9. API Well No.

30-015-43773-00-X1

3a. Address

202 S CHEYENNE AVE SUITE 1000  
TULSA, OK 74103.4346

3b. Phone No. (include area code)

Ph: 918-560-7060

10. Field and Pool or Exploratory Area

WILDCAT

11. County or Parish, State

EDDY COUNTY, NM

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 23 T25S R26E NENW 330FNL 1980FWL

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

## TYPE OF SUBMISSION

## TYPE OF ACTION

☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Hydraulic Fracturing☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other  
Drilling Operations

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 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.

## Drilling operations:

9/22/16 Spud well. TD 17-1/2" hole @ 450'

9/23/16 RIH w/ 13-3/8" 48# J-55 STC & set @ 450'. Mix & pump 550 sx class C 14.8 ppg, 1.33 yd  
circ 208 sx to surf.

9/24/16 WOC 8+ hrs. Test csg to 1500# psi for 30 min, OK

9/25/16 TD 12-1/4" hole @ 1853'. RIH w/ 9-5/8" 36# J55 LtC csg, Set @ 1853'. Mix & pump lead 465  
sx class C 13.5 ppg, 1.82 yld. Tail 300 sx class C 14.8 ppg, 1.34 yld Circ 280 sx to surf.

9/26/16 WoOC 18+ hrs

9/27/16 Test csg to 1500# psi for 30 min. ok

9/29/16 TD 8-3/4" vertical hole @ 8325'. TIH w/ curve assembly

10/1/16 TD 8-3/4" curve @ 9027'. TOH w/ curve assembly.

COPY

MAR 1 2017

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

Electronic Submission #365416 verified by the BLM Well Information System

For CIMAREX ENERGY COMPANY, sent to the Carlsbad

Committed to AFMSS for processing by PRISCILLA PEREZ on 01/31/2017 (17PP0137SE)

Name (Printed/Typed) ARICKA EASTERLING

Title REGULATORY ANALYST

Signature

(Electronic Submission)

Date 01/31/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE  
ACCEPTED FOR RECORD

Approved By

DAVID P. GLASS

Title

Date

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

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.

(Instructions on page 2)

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

RUP 4-7-17

**Additional data for EC transaction #365416 that would not fit on the form**

**32. Additional remarks, continued**

10/2/16 RIH w/ 7" 32# L80 BTC/LTC casing & set @ 9027'. Mix & pump lead 580 sx Class C 10.9 ppg, 3.32 yld. Tail 125 sx Class H 14.5 ppg, 1.24 yld. TOC @ 942'.  
10/3/16 WOC 18+ hrs. Test csg to 3000 psi for 30 min. OK  
10/4/16 TIH w/ 6" lateral assembly.  
10/12/16 TD 6" hole @ 18381'  
10/14/16 RIH w 4-1/2" 11.6# P-110 BTC liner & set @ 8344'-18381'  
10/15/16 Mix & pump 745 sx class H 14.5 ppg, 1.22 yld. TOC @ TOL.  
10/16/16 RD & Release Rig.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION

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

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

APR 24 2017

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

RECEIVED

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM94076
2. Name of Operator CIMAREX ENERGY COMPANY		6. If Indian, Allottee or Tribe Name
Contact: TERRI STATHEM E-Mail: tstathem@cimarex.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 202 S. CHEYENNE AVE, STE 1000 TULSA, OK 74103	3b. Phone No. (include area code) Ph: 432-620-1936	8. Well Name and No. PINTAIL 23-26 FEDERAL COM 10H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 23 T25S R26E NENW 330FNL 1980FWL		9. API Well No. 30-015-43773
		10. Field and Pool or Exploratory Area PURPLE SAGE WOLFCAMP
		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 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 Drilling Operations
	<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 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.

Completion:

12-31-16 MIRU. Test to 9500# for 30 mins. Chart.  
01-11-17 RIH to PBTD @ 1835'.

01-12-17 to

1-31-17 Perf Wolfcamp @ 8951-18330'. 1575 holes. Frac w/ 439056 bbls total fluid; 22531066# sand.

2-1-17 to

02-04-17 Mill out plugs and CO to PBTD.

02-05-17 Flowback well

02-07-17 SI pending GLV installation.

02-09-17 RIH w/ 3-1/2" tbg and GLV and set @ 7289'. Turn well to production.

COPY

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #373522 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY, sent to the Carlsbad</b>	
Name (Printed/Typed) TERRI STATHEM	Title MANAGER REGULATORY COMPLIANCE
Signature (Electronic Submission)	Date 04/20/2017

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 _____

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

(Instructions on page 2)

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

Pending BLM approvals will  
subsequently be reviewed  
and scanned

SUBMITTED \*\*

**Additional data for EC transaction #373522 that would not fit on the form**

**32. Additional remarks, continued**

5. Lease Serial No. : NMNM94076

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other 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 <b>CIMAREX ENERGY COMPANY</b> Contact: TERRI STATHEM E-Mail: tstatthem@cimarex.com						7. Unit or CA Agreement Name and No.	
3. Address    202 S. CHEYENNE AVE, STE 1000 TULSAQ, OK 74103				3a. Phone No. (include area code) Ph: 432-620-1936		8. Lease Name and Well No. PINTAIL 23-26 FEDERAL COM 10H	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 23 T25S R26E Mer NMP At surface    NENW 330FNL 1980FWL Sec 23 T25S R26E Mer NMP At top prod interval reported below    NENW 330FNL 1980FWL Sec 26 T25S R26E Mer NMP At total depth    SESW 329FSL 2302FWL						9. API Well No. 30-015-43773	
10. Field and Pool, or Exploratory PURPLE SAGE WOLFCAMP						11. Sec., T., R., M., or Block and Survey or Area    Sec 23 T25S R26E Mer NMP	
						12. County or Parish EDDY	
						13. State NM	
14. Date Spudded 09/22/2016		15. Date T.D. Reached 10/12/2016		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 02/09/2017		17. Elevations (DF, KB, RT, GL)* 3298 GL	
18. Total Depth: MD    18381 TVD    8948		19. Plug Back T.D.: MD    18357 TVD    8948		20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DNL, GR, RES				22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input 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)

[illegible]

## 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	7289	7289						

## 25. Producing Intervals

## 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	8951	18330	8951 TO 18330		1575	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8951 TO 18330	439056 BBLS TOTAL FLUID; 22531066# SAND

### 28. Production - Interval A

Date First Produced 02/26/2017	Test Date 03/06/2017	Hours Tested 24	Test Production →	Oil BBL 572.0	Gas MCF 1515.0	Water BBL 3557.0	Oil Gravity Corr. API 43.5	Gas Gravity	Production Method GAS LIFT
Choke Size 36	Tbg. Press. Flwg. 1340	Csg. Press. 0.0	24 Hr. Rate →	Oil BBL 572	Gas MCF 1515	Water BBL 3557	Gas:Oil Ratio	Well Status 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 Grav
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well S

Pending BLM app.  
 subsequently be reviewed  
 and scanned  
*Rwp.*

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

**ELECTRONIC SUBMISSION #373544 VERIFIED BY THE BLM WELL INFORMATION SYSTEM**

EMMISSION #575544 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
 \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

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
BELL CANYON	1957	2861	SANDS ONTE WATER	RUSTLER	0
CHERRY CANYON	2933	3792	SANDSTONE WATER	SALADO	1024
BRUSHY CANYON	4622	5050	SANDS ONTE WATER MINOR GAS	CASTILLE	1694
BONE SPRING	6050	6215	SHALE GAS AND WATER	BELL CANYON	1900
BONE SPRING	7300	7420	SANDSTONE WATER MINOR GAS	CHERRY CANYON	2861
WOLFCAMP	9481	18381	SHALE GAS OIL AND WATER	BRUSHY CANYON	3905
				BONE SPRING	5464
				WOLFCAMP	8679

32. Additional remarks (include plugging procedure):  
logs sent via overnight mail

## 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 #373544 Verified by the BLM Well Information System.  
For CIMAREX ENERGY COMPANY, sent to the Carlsbad

Name (please print) TERRI STATHEM

Title MANAGER REGULATORY COMPLIANCE

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

Date 04/21/2017

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 \*\***