

District I
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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

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

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
C	23	25S	26E		330'	North	1980'	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
N	26	25S	26E		329'	South	2302'	West	Eddy

¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 2-24-17	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 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

²¹ Spud Date 9-22-16	²² Ready Date 2-9-17	²³ TD 18381' / 8948	²⁴ PBSD 118357'	²⁵ Perforations 8951-18330'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ 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

³¹ Date New Oil 2-26-17	³² Gas Delivery Date 2-24-2017	³³ Test Date 3-6-17	³⁴ Test Length 24	³⁵ Tbg. Pressure 1340	³⁶ Csg. Pressure 0
³⁷ Choke Size 36	³⁸ Oil 572	³⁹ Water 3557	⁴⁰ Gas 1515	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: *Terri Stathem*
Printed name: Terri Stathem
Title: Regulatory
E-mail Address: tsthathem@cimarex.com
Date: 4-21-2017
Phone: 432-620-1936

OIL CONSERVATION DIVISION

Approved by: *Raymond R. Padany*
Title: *Geologist*
Approval Date: 4-25-17

Pending BLM approvals will subsequently be reviewed and scanned

RP

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOC D

Artesia

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

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.

NM OIL CONSERVATION DISTRICT

APR 24 2017

Lease Serial No.
NMNM94076

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
PINTAIL 23 26 FEDERAL COM 10H

9. API Well No.
30-015-43773-00-X1

10. Field and Pool or Exploratory Area
WILDCAT
Purple Sage WFMP

11. County or Parish, State
93220
EDDY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

RECEIVED

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
CIMAREX ENERGY COMPANY
Contact: ARICKA EASTERLING
E-Mail: aeasterling@cimarex.com

3a. Address
202 S CHEYENNE AVE SUITE 1000
TULSA, OK 74103.4346

3b. Phone No. (include area code)
Ph: 918-560-7060

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			
<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 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.

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 yld 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

RECEIVED

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.

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 **

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

5. Lease Serial No.
NMNM94076

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
PINTAIL 23-26 FEDERAL COM 10H

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

RECEIVED

1. Type of Well
 Oil Well Gas Well Other

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

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

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

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			
<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 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.

Completion:
12-31-16 MIRU. Test to 9500# for 30 mins. Chart.
01-11-17 RIH to PBTD @ 18357'.
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.

**Electronic Submission #373522 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 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

Rev.

... the United

... SUBMITTED **

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

32. Additional remarks, continued

APR 24 2017

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMNM94076	
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 CIMAREX ENERGY COMPANY Contact: TERRI STATHEM E-Mail: tstathem@cimarex.com		7. Unit or CA Agreement Name and No.	
3. Address 202 S. CHEYENNE AVE, STE 1000 TULSAQ, OK 74103		8. Lease Name and Well No. PINTAIL 23-26 FEDERAL COM 10H	
3a. Phone No. (include area code) Ph: 432-620-1936		9. API Well No. 30-015-43773	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENW 330FNL 1980FWL Sec 23 T25S R26E Mer NMP At top prod interval reported below NENW 330FNL 1980FWL Sec 23 T25S R26E Mer NMP At total depth SESW 329FSL 2302FWL		10. Field and Pool, or Exploratory PURPLE SAGE WOLFCAMP	
14. Date Spudded 09/22/2016		11. Sec., T., R., M., or Block and Survey or Area Sec 23 T25S R26E Mer NMP	
15. Date T.D. Reached 10/12/2016		12. County or Parish EDDY	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 02/09/2017		13. State NM	
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 checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)	

COPY

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	450		550		0	
12.250	9.625 J55	36.0	0	1853		765		0	
8.750	7.000 L80	32.0	0	9027		705		942	
6.000	4.500 P110	11.6	8344	18381		745		8344	

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

Pending BLM approvals will 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

** 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	1957	2861	SANDSONTE WATER	RUSTLER	0
CHERRY CANYON	2933	3792	SANDSTONE WATER	SALADO	1024
BRUSHY CANYON	4622	5050	SANDSONTE 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.

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