

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

HOBBS OGD
RECEIVED
APR 30 2018

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	
⁴ API Number 30 - 025-41608		⁵ Pool Name WC-025 G-08 S203435D;Wolfcamp	
⁷ Property Code 40338		⁸ Property Name Perry 22 Federal Com	
		³ Reason for Filing Code/ Effective Date NW-2/25/18	
		⁶ Pool Code 98247	
		⁹ Well Number 4H	

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
D	22	20S	34E		630	North	380	West	Lea

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
M.	22	20S	34E		330	South	380	West	Lea

¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
F	P	2/28/18			

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W O
21778	Sunoco Inc. R&M P. O. Box 2039 Tulsa, OK	New
226737	DCP Midstream 370 17 th Street, STE 2500 Denver, CO	New

IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBDT	²⁵ Perforations	²⁶ DHC, MC
12/15/17	2/25/18	15215/11260'	15190/11262'	11167/15160'	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	1685	1315		
12.25	9.625	5345	3310		
8.75	7	11315	775		
6	4.5	15215	322		
2 7/8"		10426			

V. Well Test Data:

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
2/26/18	2/25/18	3/21/18	24	242	242
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method	
128	572	1476	644		

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: *Patricia Holland*

Printed name:
Patricia Holland

Title:
Regulatory Analyst

E-mail Address:
pholland@cimarex.com

Date:
4/23/18

Phone:
918-560-7081

OIL CONSERVATION DIVISION

Approved by: *Karen Sharp*

Title: *Staff Mgr*

Approval Date: *5-1-18*

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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APR 30 2018
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FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Lease Serial No.
NMMN082

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
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 _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator CIMAREX ENERGY COMPANY		Contact: PATRICIA HOLLAND E-Mail: pholland@cimarex.com	
3. Address 202 S. CHEYENNE STE 1000 TULSA, OK 74103		3a. Phone No. (include area code) Ph: 918-560-7081	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNW 630FNL 380FWL 32.564127 N Lat, 103.555427 W Lon At top prod interval reported below NWNW 630FNL 380FWL 32.564127 N Lat, 103.555427 W Lon At total depth SWSW 330FSL 380FWL 32.552261 N Lat, 103.555430 W Lon		8. Lease Name and Well No. PERRY 22 FED COM 4H	
14. Date Spudded 12/15/2017		15. Date T.D. Reached 01/07/2018	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 02/25/2018		9. API Well No. 30-025-41608	
18. Total Depth: MD 15215 TVD 11260		19. Plug Back T.D.: MD 15190 TVD 11262	
20. Depth Bridge Plug Set: MD TVD		10. Field and Pool, or Exploratory WOLFCAMP	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE		11. Sec., T., R., M., or Block and Survey or Area Sec 22 T20S R34E Mer	
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)		12. County or Parish LEA	
23. Casing and Liner Record (Report all strings set in well)		13. State NM	
17. Elevations (DF, KB, RT, GL)* 3647 GL			

Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	1685		1315		0	
12.250	9.625 HCK55	40.0	0	5345	3454	3310		0	
8.750	7.000 80HCE	32.0	0	10565		775		0	
6.000	4.500 HCP110	11.6	10448	15215		322		10448	
8.750	7.000 N80	26.0	10565	11315				0	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	10426							

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	11167	15160	11167 TO 15160	0.380	800	OPEN
B)						
C)						
D)						

Depth Interval	Amount and Type of Material
11167 TO 15160	9895021 #SAND; 7535756 GALS FLUID

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
02/26/2018	03/21/2018	24	→	572.0	644.0	1476.0	43.0		ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
128	242	242.0	→	572	644	1476	1125	POW	

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	
			→						

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #412604 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
CHERRY CANYON	5521	6521	SANDSTONE:WATER	RUSTLER	1560
BRUSHY CANYON	8100	8480	SANDSTONE:WATER, GAS, OIL	CHERRY CANYON	5521
BONE SPRING	8480	11041	SANDSTONE:WATER, GAS, OIL	BRUSHY CANYON	8100
WOLFCAMP	11041	11241	SHALE:GAS, OIL, WATER	BONE SPRING	8480
				WOLFCAMP	11041

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 #412604 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY, sent to the Hobbs

Name (please print) PATRICIA HOLLAND Title REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 04/27/2018

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 ****

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
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

HOBBS OCD
APR 30 2018
RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Serial No. NMNM082
2. Name of Operator CIMAREX ENERGY COMPANY OF CO Contact: PATRICIA HOLLAND Mail: pholland@cimarex.com	6. If Indian, Allottee or Tribe Name
3a. Address 202 S CHEYENNE AVE. SUITE 1000 TULSA, OK 74103	7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 918-560-7081	8. Well Name and No. PERRY 22 FEDERAL COM 4H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22 T20S R34E NWNW 0630FNL 0380FWL 32.335538 N Lat, 103.331627 W Lon	9. API Well No. 30-025-41608-00-X1
	10. Field and Pool or Exploratory Area LEA
	11. County or Parish, State LEA 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Hydraulic Fracturing
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Drilling Operations
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back

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 recompletable 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 recompletable 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.

12/15/2017 Spud Well
12/16/2017 TD 17 1/2' Surface Hole @ 1685?. Ran 13 3/8" 54.50# J-55 BT&C Csg
12/17/17/2017 Mix and Pump Lead Cmt: 1065 sxs HalCem ?C, 13.5 ppg, 1.729 yld. Tail Cmt: 250sxs HalCem-C, 14.8 ppg, 1.332 yld. Circ 380 sxs of cmt to Surface. WOC 24+ HRS
12/18/2017 Test Csg o 1500 Psi, Good Test
12/21/2017 TD 12 1/4" Hole @ 5345?
Ran 9 5/8" 40#, HCK-55 LTC Csg @ 5345?. DV Tool set at 3454?
12/22/2017 Mix and Pump Cmt Stage 1: 400 sxs BWOC EconoCem HLC, 12.9 ppg, 1.88 yld. Tail Cmt: 300 sxs BWOC HalCem C, 14.8 ppg, 1.33 yld. Stage 2 Cmt: 2500 sxs of BWOC EconoCem HLC, 12.9 ppg, 1.88 yld.

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

**Electronic Submission #411016 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs
Committed to AFMSS for processing by JENNIFER SANCHEZ on 04/12/2018 (18ZS0033SE)**

Name (Printed/Typed) PATRICIA HOLLAND	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 04/10/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	(BLM Approver Not Specified)	Date 04/12/2018
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 Hobbs

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 ****

Additional data for EC transaction #411016 that would not fit on the form

32. Additional remarks, continued

12/23/2017 Temp Survey, Mix and Pump 110 sxs of Class C Neat Cmt Mixed at 14.8 ppg, 1.33 yld. 25 sxs of cmt returned to surface. WOC 16+ HRS
12/24/2017 Test Cmt to 1500 psi for 30 Min, Good Test.
12/31/2017 TD 8 3/4" Hole @ 11315?
1/1/2018 Ran 7? 26# N-80 BT&C Csg @ 11315?
1/2/2018 Mix & Pump Lead cmt: 525 sxs BWOC NeoCem, 10.5 ppg, 3.499 yld. Tail Cmt: 250 sxs of BWOC VersaCem H, 14.5 ppg, 1.24 yld. Circ 32 sxs of cmt to surface, WOC 22+ HRS.
1/3/2018 Test Csg to 2000 psi for 30 Min, Good Test.
1/7/2018 TD Well @ 15215?
1/9/2018 Ran 4.5 Liner 11.63# HCP-110 BTC Liner @ 15215?
1/10/2018 Mix & Pump Cmt: 322 sxs of VersaChem H, 14.5 ppg, 1.22 yld. WOC.
1/11/2018 Released Rig

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

HOBBS OGD

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 30 2018

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. NMNM082
2. Name of Operator CIMAREX ENERGY COMPANY OF CO Contact: PATRICIA HOLLAND E-Mail: pholland@cimarex.com		6. If Indian, Allottee or Tribe Name
3a. Address 202 S CHEYENNE AVE. SUITE 1000 TULSA, OK 74103	3b. Phone No. (include area code) Ph: 918-560-7081	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22 T20S R34E NWNW 0630FNL 0380FWL 32.335538 N Lat, 103.331627 W Lon		8. Well Name and No. PERRY 22 FEDERAL COM 4H
		9. API Well No. 30-025-41608-00-X1
		10. Field and Pool or Exploratory Area LEA
		11. County or Parish, State LEA 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 recomple 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 recomple 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:

01-25-18 Test casing to 9130# for 30 mins. End pressure 9040#. Test OK.
02-16-18 to
2-21-16 Perf Wolfcamp @ 11167'- 15160'; 800 holes, .38. Frac w/ 9895021# sand and 7535756 gals total fluid fluid.
02-24-18 to
2-25-18 Mill out plugs and CO to PBTD @ 15190'. Flowback well.

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

**Electronic Submission #411889 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs
Committed to AFMSS for processing by JENNIFER SANCHEZ on 04/23/2018 (18JAS0976SE)**

Name (Printed/Typed) PATRICIA HOLLAND	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 04/20/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	(BLM Approver Not Specified)	Date 04/24/2018
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 Hobbs

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(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #411889 that would not fit on the form

32. Additional remarks, continued

4-4-2018 RIH w 2 7/8" tubing & ESP set @ 10426'. Turn well to production.

Sundry to replace previously submitted completion sundry 4/18/18.