

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. of Colorado 202 S. Cheyenne Ave, Suite 1000 Tulsa, OK 74103		² OGRID Number 162683
		³ Reason for Filing Code/ Effective Date Plug Back - 09/22/2016
⁴ API Number 30 - 015-32918-00-D1	⁵ Pool Name SAGE DRAW; WOLFCAMP, EAST (G)	⁶ Pool Code 96890
⁷ Property Code 32670	⁸ Property Name CHOSA DRAW 27 FEDERAL COM	⁹ Well Number 001

II. ¹⁰ Surface Location

UL or lot no. B	Section 27	Township 25S	Range 26E	Lot Idn	Feet from the 330'	North/South Line NORTH	Feet from the 1980'	East/West line EAST	County EDDY
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¹¹ Bottom Hole Location

UL or lot no. G	Section 27	Township 25S	Range 26E	Lot Idn	Feet from the 1817'	North/South line NORTH	Feet from the 1613'	East/West line EAST	County EDDY
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¹² Lse Code 7	¹³ Producing Method Code	¹⁴ Gas Connection Date	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
226737	HUNTER GAS GATHERING, INC. P O BOX 140907 IRVING, TX 75014-0907	
	NM OIL CONSERVATION ARTESIA DISTRICT OCT 20 2016	
	RECEIVED	

IV. Well Completion Data

²¹ Spud Date 08/20/2003	²² Ready Date 09/22/2016	²³ TD 12,300'	²⁴ PBSD 11,565	²⁵ Perforations 8607-9950	²⁶ DHC, MC DHC 3990-A
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2	13-3/8" H-40 48#	431'	490 SX PREM PLUS CIRC 183 SX TO PIT		
12 1/4	9-5/8" J-55 40#	3200'	1050 SX INTER C/PREMPPLUS CIRC 233 SX TO PIT		
8 3/4	7" P-110 26#	10790'	950 SX INER H/SUP II TOC 5434'		
	4 1/2 LINER	TOP 10492', BOTTOM 12300'	160 SX SUPER H		

V. Well Test Data

³¹ Date New Oil 09/22/16	³² Gas Delivery Date 09/22/16	³³ Test Date 10/02/16	³⁴ Test Length 24 HOURS	³⁵ Tbg. Pressure 1350	³⁶ Csg. Pressure
³⁷ Choke Size 24	³⁸ Oil 178	³⁹ Water 1128	⁴⁰ Gas 1839		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: Rhonda Sheldon	OIL CONSERVATION DIVISION	
Printed name: RHONDA SHELTON	Approved by: Karen Sharp	
Title: REGULATORY TECHNICIAN	Title: Bus Oper Spec - A	
E-mail Address: RSHELTON@CIMAREX.COM	Approval Date: 11-16-16	
Date: 10/17/2016	Phone: 918-295-1709	Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM921601a. 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.
NMNM1110402. Name of Operator
CIMAREX Contact: RHONDA SHELTON
E-Mail: rsheldon@cimarex.com8. Lease Name and Well No.
CHOSA DRAW 27 FED COM 13. Address 202 S. CHEYENNE AVE
TULSA, OK 741033a. Phone No. (include area code)
Ph: 918-295-17099. API Well No.
30-015-32918

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

At surface NWNE 330FNL 1980FEL

At top prod interval reported below NWNE 330FNL 1980FEL

At total depth SWNE 1817FNL 1613FEL

10. Field and Pool, or Exploratory
SAGE DRAW;WOLFCAMP, E (G)11. Sec., T., R., M., or Block and Survey
or Area Sec 27 T25S R26E Mer NMP12. County or Parish
EDDY 13. State
NM14. Date Spudded
08/20/200315. Date T.D. Reached
10/02/200316. Date Completed
☐ D & A ☒ Ready to Prod.
06/13/200417. Elevations (DF, KB, RT, GL)*
3265 GL18. Total Depth: MD 12300
TVD 1202019. Plug Back T.D.: MD 11565
TVD20. Depth Bridge Plug Set: MD 11600
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	48.0	0	431		490		0	
12.250	9.625 J55	40.0	0	3200		1050		0	
8.750	7.000 P110	26.0	0	10745		950		5448	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	8547	8557						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	8607	9950	8607 TO 9950	0.460	198	OPEN
B)			10082 TO 10642	0.460	162	OPEN
C)			11836 TO 12233			ABD W/ CIBP'S 11,600' & 11,786' (I
D)						

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

Depth Interval	Amount and Type of Material
8607 TO 10642	45,520 BBLS FRAC FLUID, 1,742,764 # 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
09/22/2016	10/02/2016	24	→	178.0	1839.0	1128.0	50.9	52.20	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24	1350 2100		→	178	1839	1128	10331	PO	

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

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

ELECTRONIC SUBMISSION #354926 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.)
CAPTURED

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
				CISCO CANYON STRAWN ATOKA MORROW	10204 10450 10727 11385

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 #354926 Verified by the BLM Well Information System.
For CIMAREX, sent to the Carlsbad

Name (please print) RHONDA SHELDON

Title REGULATORY TECHNICIAN

Signature (Electronic Submission)

Date 10/17/2016

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 ****

Abandon Morrow zone, Recomplete & Commingle Cisco & Wolfcamp formations. Down Hole Commingle approved by NMOCD, DHC-3990-A. (Refer to Field study of Cisco Canyon & Wolfcamp Commingled Allocation Assessment in White City, Eddy County, NM dated June 30th, 2016 that was submitted to BLM)

07/26/16 – Move in rig up

08/02/16 - Set CIBP @ 11,786', dump 35' cmt on top

08/03/16 – Set CIBP @ 11,600', dump 35' cmt on top to Abandon Morrow perfs of 11,836' 12,233'

PBTD 11,565'

08/08/16 – Set CIBP @ 10,692', no cmt, Ran CBL 7" csg TOC @ 5448

09/13/16 thru 09/16/16 –Wolfcamp Perfs – 8,607– 8,769', 8,825-9,020', 9,317–9,473', 9,543-9,728', 9,804-9,950',

Cisco Perfs 10,082-10,277', 10,372-10,642' (previous perfs 10,372-10,412')

(3 spf, .46" holes, 120 degree phasing) 360 holes total

Frac 8,607' – 10,642', w/45,520 bbls Frac Fluid, 1,742,764 # sand

09/22/16 - Run 2 3/8 tbg, Set packer @ 8557. GLV's, GLV1, 22) Jt 2 3/8" L-80 tbg, GLV2, 26) Jts 2 3/8" tbg L- 80 tbg, GLV3, 30) Jts 2 3/2" L-80 tbg, GLV4, 37) Jts 2 3/8" L-80 tbg, GLV5, 43) GLV6, 47 Jts 2 3/8" L-80 tbg, GLV7, 55) Jts 2 3/8" L-80 tbg

Return well to production

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