

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 COTTON DRAW; UPPER PENN (GAS)	⁶ Pool Code 97354
⁷ Property Code 32670	⁸ Property Name CHOSA DRAW 27 FEDERAL COM	⁹ Well Number 001

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
B	27	25S	26E		330'	NORTH	1980'	EAST	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
G	27	25S	26E		1817'	NORTH	1613'	EAST	EDDY

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
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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 09/22/16	²³ TD 12,300'	²⁴ PBDT 11,565'	²⁵ Perforations 10082 - 10642	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 H 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 47	³⁹ Water 300	⁴⁰ Gas 488	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*
Printed name: RHONDA SHELTON
Title: REGULATORY TECHNICIAN
E-mail Address: RSHELDON@CIMAREX.COM
Date: 10/17/2016
Phone: 918-295-1709

OIL CONSERVATION DIVISION
Approved by: *Karen Sharp*
Title: *Baslper Spec - A*
Approval Date: *11-16-16*
Pending BLM approvals will subsequently be reviewed and scanned

3390A

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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		6. If Indian, Allottee or Tribe Name	
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input checked="" type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____		7. Unit or CA Agreement Name and No. NMNM11040	
2. Name of Operator CIMAREX		8. Lease Name and Well No. CHOSA DRAW 27 FED COM 1	
Contact: RHONDA SHELDON E-Mail: rsheldon@cimarex.com		9. API Well No. 30-015-32918	
3. Address 202 S. CHEYENNE AVE TULSA, OK 74103		3a. Phone No. (include area code) Ph: 918-295-1709	
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 COTTON DRAW; UPPER PENN (G)	
14. Date Spudded 08/20/2003		15. Date T.D. Reached 10/02/2003	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/13/2004		17. Elevations (DF, KB, RT, GL)* 3265 GL	
18. Total Depth: MD 12300 TVD 12020		19. Plug Back T.D.: MD 11565 TVD	
20. Depth Bridge Plug Set: MD 11600 TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each)	
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 checked="" type="checkbox"/> No <input type="checkbox"/> 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 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) CISCO CANYON	10082	10412	8607 TO 9950	0.460	198	OPEN
B)			10082 TO 10642	0.460	162	OPEN
C)			11836 TO 12233			
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	→	47.0	488.0	300.0	50.9	52.20	GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24	1350 SI 2100		→	47	488	300	10382	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
			→					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

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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	Tdg. 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	Tdg. 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 #354923 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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subsequently be reviewed
and scanned