

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 600 N. Marienfeld Street, Suite 600 Midland, TX 79701		² OGRID Number 162683
		³ Reason for Filing Code/ Effective Date PB - 10/23/14
⁴ API Number 30 -015 - 34521	⁵ Pool Name Cottonwood Draw, Upper Penn	⁶ Pool Code 97354
⁷ Property Code 35326	⁸ Property Name Trinity 20 Federal Com	⁹ Well Number 1H

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
J	20	25S	26E		1980	South	1580	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
J	20	25S	26E		1980	South	1580	East	Eddy
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 10/23/14	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

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 MAR 23 2015		

RECEIVED

IV. Well Completion Data

²¹ Spud Date 3/16/2007	²² Ready Date 10/22/14	²³ TD 12280	²⁴ PBDT 10699	²⁵ Perforations 10124-10387	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	310	340		
12 1/4"	9 5/8"	2665	830		
8 1/2"	5 1/2"	12280	2250		
	2 3/8"	10011			

V. Well Test Data

³¹ Date New Oil 10/23/14	³² Gas Delivery Date 10/23/14	³³ Test Date 10/24/14	³⁴ Test Length 24 hours	³⁵ Tbg. Pressure 900	³⁶ Csg. Pressure
³⁷ Choke Size 28	³⁸ Oil 19	³⁹ Water 111	⁴⁰ Gas 644		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: *Paula Brunson*

Printed name:
Paula Brunson

Title:
Regulatory Analyst

E-mail Address:
pbrunson@cimarex.com

Date:
1/12/15

Phone:
432-571-7848

OIL CONSERVATION DIVISION	
Approved by:	<i>[Signature]</i>
Title:	<i>Asst. H. S. [Signature]</i>
Approval Date:	<i>9/8/15</i>

Pending BLM approvals will
subsequently be reviewed
and scanned *LDS*

NM OIL CONSERVATION

ARTESIA DISTRICT

MAR 23 2015

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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5. Lease Serial No.
NNNM92160

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.		
2. Name of Operator CIMAREX ENERGY COMPANY Contact: PAULA BRUNSON E-Mail: pbrunson@cimarex.com			8. Lease Name and Well No. TRINITY 20 FEDERAL COM 1		
3. Address 600 N MARIENFELD STE 600 MIDLAND, TX 79701			9. API Well No. 30-015-34521		
3a. Phone No. (include area code) Ph: 432-571-7848			10. Field and Pool, or Exploratory SAGE DRAW WOLFCAMP		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWSE 1980FSL 1580FEL At top prod interval reported below NWSE 1980FSL 1580FEL At total depth NWSE 1980FSL 1580FEL			11. Sec., T., R., M., or Block and Survey or Area Sec 20 T25S R26E Mer		
14. Date Spudded 03/16/2007			15. Date T.D. Reached 04/18/2007		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/22/2014			17. Elevations (DF, KB, RT, GL)* 3430 GL		
18. Total Depth: MD 12280 TVD			19. Plug Back T.D.: MD 10699 TVD		
20. Depth Bridge Plug Set: MD 10735 TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE		
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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	48.0	0	310		340		0	
12.250	9.625 J55	40.0	0	2665		830		0	
8.750	5.500 P110	17.0	0	12280	7893	2250		2620	

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	10011	10011						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	9114	9938	1151 TO 11577	0.320	146	ABANDONED CIBP @11110 W/45'
B)			9114 TO 9938	0.460	171	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
9114 TO 9938	29412 BBLS FRAC FLUID, 1067683 # 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
10/23/2014	10/24/2014	24	→	99.0	6965.0	436.0	55.0		ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
32	SI	1600.0	→	99	6965	436	70353	PGW	

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
	SI		→				

Pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #287767 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
				B. SALT DELAWARE BONE SPRING FBSS SBSS TBSS WOLFCAMP CISCO CANYON	1252 1824 5315 6233 7535 8062 8392 10098

32. Additional remarks (include plugging procedure):

Formation Markers (con't):

Strawn 10388
Atoka 10600
Morrow 11132
L Morrow 11928

Attachments:
C-102

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 #287767 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY, sent to the Carlsbad**

Name (please print) PAULA BRUNSONTitle REGULATORY ANALYSTSignature (Electronic Submission)Date 01/13/2015

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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Additional data for transaction #287767 that would not fit on the form

32. Additional remarks, continued

C-104
Well Bore Diagram