

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. Marientfeld Suite 600 Midland TX 79701		² OGRID Number NM OIL CONSERVATION ARTESIA DISTRICT		³ Reason for Filing Code/ Effective Date RC/ 4-20-2017
⁴ API Number 30 - 015-33394	⁵ Pool Name White City, Penn (Gas)	JUL 24 2017		⁶ Pool Code 87280
⁷ Property Code 303008	⁸ Property Name White City 31 Federal	⁹ Well Number 2		

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
K	31	24S	26E		2150'	South	1700'	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
K	31	24S	26E		2591'	South	1490'	West	Eddy
¹² Lse Code F	¹³ Producing Method P	¹⁴ Gas Connection Date 2/16/2017	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

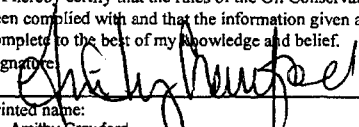
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
151618	Enterprise Field Services, LLC PO BOX 4503 Houston TX 77210	G
21778	Sunoco Inc R&M PO BOX 2039 Tulsa OK	O

IV. Well Completion Data

²¹ Spud Date 12/23/2004	²² Ready Date 4/20/2017	²³ TD 12150'	²⁴ PBTB 10334'	²⁵ Perforations 10184'-9967'	²⁶ DHC, MC DHC-4808 - A
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8" J55 54.5#	208'	348 sks		
12 1/4"	9 5/8" NS110 40#	1685'	800 sks		
8 3/4"	5 1/2" P110 17#	12150'	2645 sks, TOC 490'		
	2 7/8"	8360'			

V. Well Test Data

³¹ Date New Oil 4/27/2017	³² Gas Delivery Date 4/20/2017	³³ Test Date 5/1/2017	³⁴ Test Length 24 hours	³⁵ Tbg. Pressure 1950	³⁶ Csg. Pressure 0
³⁷ Choke Size 24	³⁸ Oil 8	³⁹ Water 134	⁴⁰ Gas 177		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: 		OIL CONSERVATION DIVISION	
Printed name: Amithy Crawford		Approved by:	
Title: Regulatory Analyst		Title:	
E-mail Address: acrawford@cimarex.com		Approval Date:	
Date: 7/20/2017	Phone: 432-620-1909		

Pending BLM approvals will subsequently be reviewed and scanned

SC 7-26-17

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			5. Lease Serial No. NMNM0441951A		
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 _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator CIMAREX ENERGY CO Contact: AMITHY E CRAWFORD E-Mail: acrawford@cimarex.com			7. Unit or CA Agreement Name and No.		
3. Address 202 S. CHEYENNE AVE STE 1000 TULSA, OK 74103			8. Lease Name and Well No. WHITE CITY 31 FEDERAL 2		
3a. Phone No. (include area code) Ph: 432-620-1909			9. API Well No. 30-015-33394		
4. Location of Well (Report location clearly and in accordance with Federal Land Management Policy) At surface 2150FSL 1700FWL At top prod interval reported below 2150FSL 1700FWL At total depth 2591FSL 1490FWL			10. Field and Pool, or Exploratory WHITE CITY, PENN 11. Sec., T., R., M., or Block and Survey or Area Sec 31 T24S R26E Mer 12. County or Parish EDDY 13. State NM 17. Elevations (DF, KB, RT, GL)* 3493 GL		
14. Date Spudded 12/23/2004		15. Date T.D. Reached 01/25/2005		16. Date Completed <input type="checkbox"/> Not Ready to Prod. 04/20/2017	
18. Total Depth: MD 12150 TVD 12079		19. Plug Back T.D.: MD 10334 TVD		20. Depth Bridge Plug Set: MD 10369 TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) PRODUCTION LOG				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 J55	54.5	0	205		348		0	
12.250	9.625 NS110	40.0	0	1685		800		0	
8.750	5.500 P100	17.0	0	12150		2645		490	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	8360	8360						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	8458	9939	8458 TO 9939	0.420	244	OPEN
B) CISCO CANYON	9967	10184	9967 TO 10181	0.420	61	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
8458 TO 9939	2632412 GAL SLICKWATER & 3454617 LBS PROP
9967 TO 10181	827576 GAL SLICKWATER & 1000294 LBS PROP

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
04/20/2017	05/01/2017	24	→	73.0	1611.0	1219.0			GAS LIFT
Choke Size	Tbg. Press. Flwg. 1950 SI	Csg. Press.	24 Hr. Rate →	Oil BBL 73	Gas MCF 1611	Water BBL 1219	Gas:Oil Ratio	Well Status 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
04/20/2017	05/01/2017	24	→	8.0	177.0	134.0			GAS LIFT
Choke Size	Tbg. Press. Flwg. 1950 SI	Csg. Press.	24 Hr. Rate →	Oil BBL 8	Gas MCF 177	Water BBL 134	Gas:Oil Ratio	Well Status PGW	

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

ELECTRONIC SUBMISSION #382279 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPE**

Pending BLM approvals will subsequently be reviewed and scanned
2007-26-17

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	

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	

<p>30. Summary of Porous Zones (Include Aquifers):</p> <p>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.</p>	<p>31. Formation (Log) Markers</p>
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31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth

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: _____

Electronic Submission #382279 Verified by the BLM Well Information System.
For CIMAREX ENERGY CO, sent to the Carlsbad

Signature _____ (Electronic Submission) Date 07/24/2017

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