

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

NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

JUN 27 2016

Submit one copy to appropriate District Office

RECEIVED

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Cimarex Energy Co. 600 N. Marienfeld Street, Suite 600 Midland, TX 79701		² OGRID Number 215099
		³ Reason for Filing Code/ Effective Date NW: 6-8-16
⁴ API Number 30 - 015 - 42105	⁵ Pool Name WC-015 G-04 S262625B; Bone Spring	⁶ Pool Code 98018
⁷ Property Code 40358	⁸ Property Name Klein 33 Federal Com	⁹ Well Number 1H

II. ¹⁰ Surface Location

UL or lot no. 4	Section 33	Township 26S	Range 27E	Lot Idn	Feet from the 290'	North/South Line South	Feet from the 780'	East/West line West	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. D	Section 28	Township 26S	Range 27E	Lot Idn	Feet from the 330'	North/South line North	Feet from the 476'	East/West line West	County Eddy
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¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 6/10/2016	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters

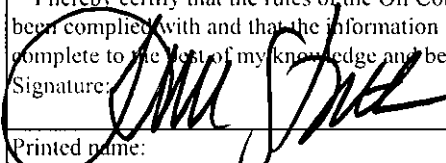
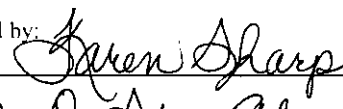
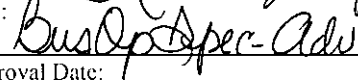
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
21778	Sunoco Inc. R & M P O Box 2039; Tulsa OK	
226737	DCP Midstream. 370 17th St., Ste 2500 Denver CO	

IV. Well Completion Data

²¹ Spud Date 11/7/15	²² Ready Date 06/08/2016	²³ TD 14011' 7364	²⁴ PBTD 14011'	²⁵ Perforations 7199-13980'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	419'	500		
12 1/4"	9 5/8"	1921'	695		
8 3/4"/8 1/2"	5 1/2"	14011'	3330 TOC @ 0		
	2 3/8"	6761'			

V. Well Test Data

³¹ Date New Oil 06/08/2016	³² Gas Delivery Date 06/10/2016	³³ Test Date 6/12/2016	³⁴ Test Length 24	³⁵ Tbg. Pressure 825	³⁶ Csg. Pressure 500
³⁷ Choke Size 24	³⁸ Oil 631	³⁹ Water 1438	⁴⁰ Gas 1264		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: Terry Stathem		Approved by: 	
Title: Regulatory		Title: 	
E-mail Address: tsathem@cimarex.com		Approval Date: 7-12-16	
Date: 6/22/2016	Phone: 432-620-1936	Pending BLM approvals will subsequently be reviewed and scanned	

NM OIL CONSERVATION

ARTESIA DISTRICT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUN 27 2016

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**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.5. Lease Serial No.
NMNM117116

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
KLEIN 33 FEDERAL COM 1H9. API Well No.
30-015-4210510. Field and Pool, or Exploratory
WOLFCAMP11. County or Parish, and State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

CIMAREX ENERGY COMPANY

Contact: TERRI STATHEM

E-Mail: tstatthem@cimarex.com

3a. Address

202 S. CHEYENNE AVE, STE 1000
TULSA, OK 74103

3b. Phone No. (include area code)

Ph: 432-620-1936

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 33 T26S R27E SWSW 290FSL 780FWL

12. CHECK 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"/> Fracture Treat	<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 recompleat 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

DRILLING OPS:

11-07-15 Spud well. TD 17-1/2" hole @ 419'. RIH w/ 13-3/8", 48#, J55 STC csg & set @ 419'. Mix & pump 500 sx Class C cmt, 14.8 ppg, 1.33 yld. Circ 60 bbls to surf. WOC 8+ hrs.

11-09-15 Test csg to 1500# for 30 mins. OK.

11-10-15 TD 12-1/4" hole @ 1921'. RIH w/ 9-5/8", 40#, J55, LTC csg & set @ 1921'. Mix & pump lead: 495 Class C, 14.8 ppg, 1.33 yld; tail w/ 200 sx Class C, 14.8 ppg, 1.33 yld. Circ 266 sx to surf. WOC 8+ hrs.

11-11-15 Test csg to 1500# for 30 mins. OK

11-13-15 TD 8-3/4" vertical hole @ 6757'. TIH w/ curve assembly.

11-15-15 TD 8-3/4" curve @ 7823'. TOH w/ curve assembly. TIH w/ 8-1/2" lateral assembly. KO lateral.

11-21-15 TD 8-1/2" hole @ 14011'. POOH & LDDP.

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

Electronic Submission #327321 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY, sent to the Carlsbad

Name (Printed/Typed) TERRI STATHEM

Title MANAGER REGULATORY COMPLIANCE

Signature (Electronic Submission)

Date 12/28/2015

THIS SPACE FOR FEDERAL OR STATE

Approved By

Title

Pending BLM approvals will
subsequently be reviewed
and scanned

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

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.

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

Additional data for EC transaction #327321 that would not fit on the form

32. Additional remarks, continued

11-22-15 RIH w/ 5-1/2", 17#, L-80, BTC LTC csg & set @ 14011'.

11-23-15 Mix & pump lead: 850 sx Class TLW, 11.0 ppg, 2.43 yld; tail w/ 1900 sx Class H, 14.5 ppg, 1.25 yld. No cmt back to surf.

11-24-15 RD & release rig.

NIM OIL CONSERVATION

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ARTESIA DISTRICT

JUN 27 2016

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**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.*5. Lease Serial No.
NMNM114350

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

KLEIN 33 FEDERAL COM 1H

2. Name of Operator

CIMAREX ENERGY COMPANY

Contact: TERRI STATHEM

E-Mail: tstathem@cimarex.com

9. API Well No.

30-015-42105

3a. Address

202 S. CHEYENNE AVE, STE 1000
TULSA, OK 74103

3b. Phone No. (include area code)

Ph: 432-620-1936

10. Field and Pool, or Exploratory

BONE SPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 33 T26S R27E 290FSL 780FWL

11. County or Parish, and State

EDDY COUNTY, NM

12. CHECK 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"/> Fracture Treat	<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 recompleat 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall 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

12-10-15 TOC @ 3600'. Previous csg string @ 1921'. Submitted bradenhead squeeze information to BLM for approval.

12-12-15 MIRU ? Test csg to 1000 psi. Mix & pump 580 sx, 11.9#, 2.39 yld, 50/50 POZ C cmt. WOC. TOC @ surface.

12-17-15 Test & chart 5-1/2" casing to 9000# for 30 mins, ok.

12-19-15 SWI pending frac.

5-28-16 to

06-01-16 Perf Bone Spring @ 7199-13980', 900 - .46 holes. Frac Bone Spring w/ 8142239 gals of fluid, 12856420# sand.

06-02-16 to

06-04-16 Mill out plugs and CO to TD.

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

Electronic Submission #342227 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY, sent to the Carlsbad

Name (Printed/Typed) TERRI STATHEM

Title MANAGER REGULATORY COMPLIANCE

Signature (Electronic Submission)

Date 06/16/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

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

Pending BLM approvals will
subsequently be reviewed
and scanned

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Department or agency of the United

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

Additional data for EC transaction #342227 that would not fit on the form

32. Additional remarks, continued

06-08-16 RIH w/ 2-3/8" tbg & pkr & set @ 6761'. GLV @ 1802, 3240, 4383, 5165, 5691, 6180, 6705'.
Turn well to production.

NM OIL CONSERVATION

ARTESIA DISTRICT

JUN 27 2016

Form 3160-1
(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

RECEIVED

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: TERRI STATHEM E-Mail: tstatthem@cimarex.com		8. Lease Name and Well No. KLEIN 33 FEDERAL COM 1H	
3. Address 202 S. CHEYENNE AVE, STE 1000 TULSA, OK 74103		9. API Well No. 30-015-42105	
3a. Phone No. (include area code) Ph: 432-620-1936		10. Field and Pool, or Exploratory WILDCAT BONE SPRING	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 33 T26S R27E Mer Lot 4 290FSL 780FWL At top prod interval reported below Sec 33 T26S R27E Mer Sec 28 T26S R27E Mer At total depth 330FNL 476FWL		11. Sec., T., R., M., or Block and Survey or Area Sec 33 T26S R27E Mer	
14. Date Spudded 11/07/2015		15. Date T.D. Reached 11/21/2015	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/08/2015		17. Elevations (DF, KB, RT, GL)* 3192 GL	
18. Total Depth: MD 14011 TVD 7364		19. Plug Back T.D.: MD 14011 TVD 7364	
20. Depth Bridge Plug Set: MD 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 type="checkbox"/> No <input checked="" 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	48.0	0	419		500		0	
12.250	9.625 J55	40.0	0	1921		695		0	
8.500	5.500 L80	17.0	0	14011		3330		0	

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	6761	6761							

25. Producing Intervals				26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status	
A) BONE SPRING	7199	13980	7199 TO 13980	0.460	900	OPEN	
B)							
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.	
Depth Interval	Amount and Type of Material
7199 TO 13980	8142239 GALS OF FLUID; 12856420# 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
06/08/2016	06/12/2016	24	→	631.0	1264.0	1438.0	49.0		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	825	500.0	→	631	1264	1438		POW	

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
			→						
Choke Size	Tbg. Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

Pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #342802 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
BELL CANYON	2064	3020	WATER	SALADO	1232
CHERRY CANYON	3140	3980	WATER	CASTILLE	1822
BRUSHY CANYON	4980	5227	WATER	BELL CANYON	2004
BONE SPRING	7050	7440	WATER & OIL	CHERRY CANYON	3019
				BRUSHY CANYON	4167
				BONE SPRING	5629

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 #342802 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY, sent to the Carlsbad

Name (please print) TERRI STATHEMTitle MANAGER REGULATORY COMPLIANCESignature (Electronic Submission)Date 06/22/2016

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 ****

3329 W. Pinhook Rd.
Lafayette, LA 70508-3506, USA
Tel. 337-233-3982
Fax 337-234-2988



December 8, 2015

CIMAREX
Attn: Gary Abbott
1700 Lincoln St
Suite 3700
Denver, CO 80203-4518

RE: M/LWD Services
CIMAREX ENERGY CO.
Klein 33 Federal Com #1H
Wildcat Field
Eddy County, NM
API Well No.: 30-015-42105
Job No.: 15MLD2615

Dear Mr. Abbott:

Enclosed please find the following M/LWD presentations furnished by Schlumberger on the above captioned well.

FINAL PRINT WELL DATA

- 1 – (1") MD Gamma-Ray Log Report
- 1 – (1") TVD Gamma-Ray Log Report
- 1 – (2") MD Gamma-Ray Log Report
- 1 – (2") TVD Gamma-Ray Log Report
- 1 – (5") MD Gamma-Ray Log Report
- 1 – (5") TVD Gamma-Ray Log Report
- 1 – CD containing LAS & TIF Log and Survey Data

Should you have any questions or comments concerning the enclosed log data please contact Alex Cantrall, Log Analyst II, by email acantrall@slb.com or call (800) 377-3982.

We trust that you are satisfied with the M/LWD work provided on this job.

Schlumberger appreciates the opportunity to work with you and we look forward to your continued business support.

Sincerely,

Sue Prejean M/LWD Distribution and Regulatory Specialist
Tracie Broussard M/LWD Data Distribution Clerk

337.572.2208 (Sue Direct #)
337.769-6036 (Tracie Direct #)
hprejean01@pathfinder.slb.com
tbroussard01@slb.com

Enclosure