

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Cimarex Energy Co. 600 N. Marienfeld St., Ste. 600 Midland, TX 79701		² OGRID Number 215099
		³ Reason for Filing Code/ Effective Date NW 9-20-14
⁴ API Number 30 -015-41793	⁵ Pool Name Forty Niner Ridge Bone Spring	⁶ Pool Code 24720
⁷ Property Code 39937	⁸ Property Name Sandy Federal	⁹ Well Number 23H

II. ¹⁰ Surface Location

Ul or lot no. P	Section 23	Township 23S	Range 30E	Lot Idn	Feet from the 165	North/South Line South	Feet from the 250	East/West line East	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. O	Section 25	Township 23S	Range 30E	Lot Idn	Feet from the 330	North/South line South	Feet from the 2267	East/West line East	County Eddy
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 9-20-14	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 Mistream 370 17th St, Ste 2500; Denver CO	

IV. Well Completion Data

²¹ Spud Date 7-9-14	²² Ready Date 9-20-14	²³ TD 16505/9865	²⁴ PBDT 16457	²⁵ Perforations 10700-16432	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2	13 3/8	372	390		
12 1/4	9 5/8	3855	1510		
8 3/4 & 8 1/2	5 1/2	16505	3340- TOC 1154'		
	2-3/8	9240			

V. Well Test Data

³¹ Date New Oil 9-23-14	³² Gas Delivery Date 10-3-14	³³ Test Date 10-7-14	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 1300
³⁷ Choke Size 8/64	³⁸ Oil 284	³⁹ Water 736	⁴⁰ Gas 557		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: <i>Cristen Burdell</i>			OIL CONSERVATION DIVISION		
Printed name: Cristen Burdell			Approved by: <i>[Signature]</i>		
Title: Regulatory			Title: <i>[Signature]</i>		
E-mail Address Cburdell@cimarex.com			Approval Date: <i>2-20-15</i>		
Date: 01-19-14		Phone: 918-560-7038	Pending BLM approvals will subsequently be reviewed and scanned <i>W</i>		

NM OIL CONSERVATION

Form 3160-5
(August 2007)

ARTESIA DISTRICT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOESOC

JAN 22 2015

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.

RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM114978
2. Name of Operator CIMAREX ENERGY COMPANY		6. If Indian, Allottee or Tribe Name
Contact: CRISTEN BURDELL E-Mail: cburdell@cimarex.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 202 S. CHEYENNE AVE STE 1000 TULSA, OK 74103	3b. Phone No. (include area code) Ph: 918-560-7038	8. Well Name and No. SANDY FEDERAL 23H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 23 T23S R30E SESE 165FSL 250FEL		9. API Well No. 30-015-41793
		10. Field and Pool, or Exploratory WILDCAT
		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
	<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

7/9/14 Spud Well

7/10/14 TD 17 1/2 Surface Hole at 372. Ran 13 3/8 48#, J-55 ST&C Casing to 372

Mix & Pump tail cmt: 390 sxs of Class C cmt, 14.8 ppg, 1.34 yld. Circ 88 sxs of cmt to surface.

WOC 24+ hrs.

7/11/14 Test Casing to 1500 psi for 30 min, good test.

7/14/14 TD 12 1/4 Hole at 3855

7/15/14 Ran 9 5/8 36# J-55 LT&C Casing to 3855. Mix & Pump Lead cmt: 1200 sxs of POZ C cmt, 12.9

ppg, 1.88 yld. Tail cmt: 310 sxs of class C cmt, @ 14.8 ppg, 1.33 yld. Circ 305 sxs of cmt to

surface. WOC 24+hrs.

7/17/14 Test casing to 1500 psi for 30 min, good test.

8/03/14 TD Well at 16505

RD 2/24/15
Accepted for record
NMOC

14. I hereby certify that the foregoing is true and correct. Electronic Submission #286774 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY, sent to the Carlsbad	
Name (Printed/Typed) CRISTEN BURDELL	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 01/05/2015

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 _____
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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	

Pending BLM approvals will
subsequently be reviewed
and scanned

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

Additional data for EC transaction #286774 that would not fit on the form

32. Additional remarks, continued

8/4&5/14 Ran 5 1/2 17#, P-110 BT&C to 16505.

8/06/14 Mix & Pump Lead.cmt: 1340 sxs Poz H cmt, 11.9 ppg, 2.38 yld. Tail cmt; 2000 sxs of Poz H cmt, 14.5 ppg, 1.33 yld. Circ 543 sxs of cement to surface. WOC.

8/7/14 Rig Released

Completion

8/21/14 TOC @ 1154. BLM approved annulus press test gauge be installed and monitored on well.

Test csg to 1000# for 30 mins. OK.

8/22/14 Test csg to 8500# for 30 mins. Ok. PBTD @ 16457. SI for frac.

9/07/14 to

9/09/14 Perf Bone Spring @ 10700-16432, .54, 480 holes. Frac w/ 2348064 gals total fluid,

3348619# sand. SI pending engineering plan.

9/12/14 Mill out plugs and CO to PBTD.

9/14/14 Flowback well.

9/20/14 RIH w/ 2-3/8 tbg, pkr and GLV & Set @ 9240. GLV @ 1869, 3025, 3778, 4486, 5200, 5913, 6596, 7246, 7897, 8546, 9198. Turn well over to production.

Cimarex to file name change sundry ? Well name: Forty Niner Ridge 25 Federal #222H.