

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.  
NMNM104661

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

7. If Unit or CA/Agreement, Name and/or No.  
NMNM120212

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
TRINITY 20 FEDERAL COM 2

2. Name of Operator  
CIMAREX ENERGY COMPANY OF CO  
Contact: TERRI STATHEM  
E-Mail: tstatthem@cimarex.com

9. API Well No.  
30-015-34500-00-S2

3a. Address  
600 NORTH MARIENFELD STREET SUITE 600  
MIDLAND, TX 79701

3b. Phone No. (include area code)  
Ph: 432-620-1936

10. Field and Pool, or Exploratory  
SAGE DRAW

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 20 T25S R26E NWSW 1980FSL 660FWL

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 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 checked="" 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 recomplete 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 recompletion 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.)

Cimarex has plugged back to 9949'. Abandoning the Morrow (ABANDONED PERFS - 11446-12112') and completing in the Wolfcamp (9164-9930') as indicated on the attached well history.

Cimarex has also reviewed the initial completion paperwork and has found multiple errors in regards to the casing and cementing information. Below is the correct casing/cement info:  
13-3/8", 48#, H-40 set @ 214'. 220 sx circ  
9-5/8", 40#, J-55 set @ 2681'. 775 sx circ  
7", 26#, N80 set @ 10001'. 550 sx - TOC @ 2400' TS  
4-1/2", 11.6#, P110 @ 12310' 240 sx - TOC 10950'

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
NOV 17 2014  
RECEIVED

*JRD 11/21/14*  
Accepted for record  
NMOCD

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

**Electronic Submission #276791 verified by the BLM Well Information System  
For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad  
Committed to AFMSS for processing by JAMES AMOS on 11/12/2014 (15JA0079SE)**

Name (Printed/Typed) TERRI STATHEM

Title COORDINATOR REGULATORY COMPLIA

Signature (Electronic Submission)

Date 11/07/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **ACCEPTED**

JAMES A AMOS  
Title SUPERVISORY PET

Date 11/12/2014

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 Carlsbad

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.

**Trinity 20 Fed 2  
Recomplete to Wolfcamp  
30015-34500**

**CIBP information and well history in order to correct previously submitted IP paperwork:**

09/2006 – CIBP @ 11921'. CIBP @ 11690' w/ 2 sx cmt on top. TOC @ 11660'. CIBP @ 11540'. Perfs:  
Morrow @ 11446-12112'.

**Casing / Cement information:**

13-3/8", 48#, H-40 set @ 214'. 220 sx circ  
9-5/8", 40#, J-55 set @ 2681'. 775 sx circ  
7", 26#, N80 set @ 10001'. 550 sx - TOC @ 2400' TS  
4-1/2", 11.6#, P110 @ 12310' 240 sx - TOC 10950'

**Abandon Morrow & Recomplete to Wolfcamp:**

6/15/13 SICP 2000#. Mill on spear to 9660'. Spear fell down hole. RIH w/ tbg to tag @ 10,842'  
(42' below chemical cut)  
6/18/13 SICP 2000#. Perforate 2 holes @ 9951'.  
6/22/13 SICP 1650#. RIH w/ 4-1/2" CICR & set @ 10,700'.  
6/26/13 SICP 1450#. Perforate csg @ 10,696'.  
6/27/13 SICP 1600#. Perforate csg @ 10,432'.  
6/29/13 SICP 1650#. Pump 44 sx class H cmt to squeeze perfs. Tag TOC @ 10,096'.  
7/2/13 SICP 700#, SITP 2700#. Cut csg @ 10,051'.  
7/9/13 SICP 1750#. Try to establish rate thru cut @ 10,051', but couldn't get inj rate.  
Discussed w/ BLM. Decision made to run mech cutter to cut liner @ 10,000'.  
7/11/13 SICP 1700#. Cut liner @ 10,000'. Jar on liner, could not get any movement.  
7/13/13 SICP 1700#. RIH w/ 4-1/2" CICR & set @ 9,980'. SDFW.  
7/16/13 SICP 2400#. Pump 25 sx class H cmt thru retainer @ 9,980' and out cut in liner @  
10,000'.  
7/19/13 SICP 1500#. Tag cmt @ 9,860'. Drill out cmt down to CICR @ 9,980'. No break in cmt  
through perf hole @ 9,951'.  
7/23/13 SICP 1400#. Discuss pressures w/ blm and they wanted to do a pressure up test on  
perf @ 9,951'. Pressure test at 700 psi for 30 mins, no leak off. BLM said we did not need to drill  
up CICR. Load 30' dump bailer and dump 30' class H cmt on top of CICR.  
7/24/13 SICP 1400#. Tag TOC w/ wireline @ correlated depth of 9949'.  
7/25/13 SICP 1400#. Talked to BLM & they wanted to see a tag of TOC w/ tubing. RIH to tag  
cmt w/ bit @ 9949'. BLM (Kent Caffall) witnessed tag.  
7/29/13 MIRU. Install WH. Test to 3000# ok.  
7/30/13 0 psi on csg & tbg. Release pkr & RBP. RIH w/ RBP & set @ 9600'. Set pkr & press test  
RBP to 3000# ok. Release prk & POOH. SWI.  
08/01/13 Press test csg to 300 psi. RIH w/ pkr to 6502' – 100' below DV tool. Press up to  
4000#. Held ok. Set pkr @ 6406'. Test csg to 4000#. Found leak @ 6504-6536'. RIH and latch  
on to RBP @ 9600'. SDFN.

## Trinity 20 Fed 2

### Recomplete to Wolfcamp

30015-34500

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08/02/13 POH w/ pkr & RBP. SDFN.  
08/03/13 RIH w/ 7" composite plug and set @ 9592'. SWI. WO engineering evaluation.  
11/02/13 MIRU. Flowback well.  
11/05/13 SICP 2000#. MIRU. POOH w/ tbg. SWI.  
11/06/13 SICP 1300#. Finish POOH w/ tbg.  
11/07/13 SICP 1350#. RU WL. RIH w/ 6" RGJB to tag composite plug @ 9592'. POH and RIH w/ 7" 10K composite plug & set 2" above previous plug. POOH. RD WL. SI.  
11/08/13 SICP 300#. RIH w/ 7" pkr & set @ 6532'. Test csg & plug to 5800# for 30 mins. OK. Test csg above pkr to 5000# for 30 mins. OK. Pull pkr up hole to 6532'.  
11/09/13 0# CSIP. MIRU cementers. Mix & pump 15 sx Class C cmt. Set pkr. WOC over weekend.  
11/11/13 Release pkr & POOH. Tag cmt @ 6510'. RU swivel & stripper head, press test cmt prior to drill to 4000#. No leak off. Drill cmt from 6510' to 6532' cont to 6588'.  
11/13/13 POOH w/ tbg. No obstructions. Ran shoe mill shoe past 6520'. POOH & LD.  
11/14/13 Caliper log shows DV tool @ 6469', leak @ 6514. Set csg patch @ 6524-6464'. POOH.  
11/15/13 POOH. Test csg & patch to 5800# for 30 mins. Ok. Charted. RIH w/ tbg.  
11/21/13 Tag composite plug @ 9590'. DO. Tag 2<sup>nd</sup> plug @ 9592'. DO down to 9949' Circ sweep. Work bit thru liner top until clean. RD. SWI.  
01/07/14 MIRU. SICP 1400#. RIH w/ WL tools to 9624'. SWI.  
01/08/14 could not get passed 9624'. SWI.  
01/09/14 SICP 1200#. RIH & tag @ 9624'. Work thru debris to 9932'. Work thru from to to bottom w/ no restrictions. RD.  
01/11/14 MIRU and perf Wolfcamp @ 9629-9930', 72 holes. WO frac.  
04/03/14 MIRU frac trucks.  
04/05/14 Perf @ 9164-9166'. Frac w/ 984826 gals total fluid, 860780# sand.  
04/06/14 Flowback well.  
04/10/14 DO composite plugs & CO to PBTD @ 9949'.  
04/13/14 RIH & set pkr @ 9132'. POOH.  
04/15/14 RIH w/ tbg & GL and set @ 9132'. GLV @ 1719, 3217, 4489, 5467, 6281, 6966, 7685, 8437, 9090'. Flowback well. Turn well over to production.