

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB No 1004-0135
Expires January 31, 2004

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.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
CIMAREX ENERGY CO.3a. Address
600 N MARIENFELD, STE 600; MIDLAND, TX 797013b. Phone No. (include area code)
432-620-1936

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

SHL: 660' FNL & 150' FEL
SECTION 13, T16S, R28E

BHL: 1003' FNL & 392' FWL

5. Lease Serial No
NMNM95630

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
CAVE LAKE 13 FEDERAL COM 49. API Well No.
300153959310. Field and Pool, or Exploratory Area
CROW FLAT WOLFCAMP11. County or Parish, State
EDDY, 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 COMPLETION
	<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 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.)

DRILLING:

revised completion sundry. submitted per conversation with Ed Fernandez

11/11/11 SPUD WELL

11/12/11 TD 17-1/2" HOLE @370'. RIH W/ 13-3/8" 48#, J55, STC CSG & SET @ 370'. CMT W/ LEAD: 220 SX EXTENDECEN; TAIL W/ 220 SX HALCEM C. CIRC 99 SX. WOC 16+ HRS. TESTED CSG TO 1250# FOR 30 MINS. OK.

11/23/11 TD 8-3/4" PILOT HOLE @ 7299'. RIH W/ 7" 26#, P110, LTC CSG & SET @ 6479'.

11/25/11 MIX & PUMP 1420 SX ECONOCEN. MIX & PUMP 270 SX HALCEM C. CIRC 317 SX. WOC 24 HRS. TEST CSG TO 3000# FOR 30 MINS. OK.

11/27/11 MIX & PUMP 220 SX KOP. WOC 8+ HRS. TIH TO TOC @ 6415'. DRILL OUT CMT @ 6415-6435'.

11/28/11 DRILL OUT CMT @ 6435-6575'. KO LATERAL @ 6575'. DRILLING 6-1/8" HOLE.

12/09/11 TD 6-1/8" HOLE @ 10475'.

12/10/11 ABANDON LATERAL. MIX & PUMP 1ST PLUG: TIH TO 10450', MIX & PUMP 200 SX PLUGCEM. CIRC 15 BBLs. 2ND PLUG: PUH @ 9492'. MIX & PUMP 200 SX PLUGCEM. NO CIRC. 3RD PLUG: PUH TO 8532'. MIX & PUMP 200 SX PLUGCEM. NO CIRC. 4TH PLUG: PUH TO 7070'. MIX & PUMP 225 SX PLUGCEM. NO CIRC. WOC PER BLM PROCEDURES.

Accepted for record

NMOCD *Adado 4/12/12*

RECEIVED

APR 12 2012

NMOCD ARTESIA

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

TERRI SUATHEM

Title REGULATORY

Signature

Date

04/05/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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.

Title

Office

Date

APR 9 2012

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD 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.

(Instructions on page 2)

ADDITIONAL DATA FOR 3160-5 – CAVE LAKE 13 FEDERAL COM #4 – 30015-39593

Item 13:

12/11/11 TIH tag TOC @ 5995'. Drill cmt @ 5995-6530, hard cement @ KOP.

12/12/11 KO lateral @ 6530', drilling 6-1/8" hole.

12/21/11 TD 6-1/8" hole @ 11378'.

12/25/11 RIH w/ Peak Pkr system - 4-1/2", 11.6#, P110 BTC liner and set @ 6216-11213'.

12/26/11 Tested hanger @ 4400 psi for 15 mins - ok. Tested backside to 2000 psi for 30 mins - ok.

12/27/11 Release rig.

Completion

01/20/12 Frac Sleeve #1 @ 11162-11165' w/ 172857 gals total fluid; 150000# sd. Frac Sleeve #2 @ 10746-10750' w/ 161280 gals total fluid; 130000# sd. Frac Sleeve #3 @ 10255-10259' w/ 179700 gals total fluid; 140000# sd. Frac Sleeve #4 @ 9807-9811' w/ 181972 gals total fluid; 150000# sd.

01/21/12 Frac Sleeve #5 @ 9231-9235' w/ 180842 gals total fluid; 150000# sd. Frac Sleeve #6 @ 8745-8749' w/ 151192 gals total fluid; 100000# sd. Frac Sleeve #7 @ 8256-8259' w/ 178953 gals total fluid; 150000# sd. Frac Sleeve #8 @ 7723-7727' w/ 171889 gals total fluid; 150000# sd. Frac Sleeve #9 @ 7283-7287' w/ 177029 gals total fluid; 150000# sd. Frac Sleeve #10 @ 6793-6797' w/ 176067 gals total fluid; 150000# sd.

01/26/12 DO frac sleeves. CO to TD @ 11205'.

11/27/12 RIH w/ production equip. Reda pump - 2-7/8" tbg set @ 6159'.