

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTOCD Hobbs  
JUL 25 2013  
RECEIVEDFORM 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.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**5. Lease Serial No.  
NMNM27573

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
891016905X8. Well Name and No.  
LAGUNA DEEP UNIT 219. API Well No.  
30-025-40812-00-X110. Field and Pool, or Exploratory  
TEAS11. County or Parish, and State  
LEA COUNTY, NM

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

CIMAREX ENERGY COMPANY OF CO

Contact: HOPE KNAULS

E-Mail: hknaults@cimarex.com

3a. Address

600 NORTH MARIENFELD STREET, SUITE 600  
MIDLAND, TX 79701

3b. Phone No. (include area code)

Ph: 918-295-1799

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

Sec 36 T19S R3E NWNE 660FNL 2310FEL

**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	Drilling Operations
	<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**

11-16-12 Spud Well

11-19-12 TD 20" hole @ 1483: RIH w/ 16", 847#, K55, BTC Csg &amp; set @ 1483.

11-20-12 Mix &amp; Pump Lead: 1305 sx Econocem, 13.5 ppg, 1.74 yld, tail w/ 260 sx Class C, 14.8 ppg, 1.34 yld, Circ 280 sx, WOC 24 + hours.

11-22-12 Test csg to 1000# for 30 min. OK.

11-23-12 TD 14 3/4" hole @ 3180'. RIH w/ 11 3/4, 54#, J55, STC Csg &amp; set @ 3180'. Mix &amp; Pump, Lead: 935 sx Class C, 12.9 ppg, 1.95 yld. Tail w/ 300 sx Class C, 14.8 ppg, 1.33 yld. Circ 302 sx. WOC 12 + hours.

11-25-12 Test Csg 1000# for 30 min OK.

11-28-12 TD 10 5/8" hole @ 5055'.

11-29-12 RIH w/ 8 5/8", 32#, K55, LTX csg &amp; set @ 5055'. DV Tool @ 3291', Mix &amp; Pump 1st stage

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

**Electronic Submission #214040 verified by the BLM Well Information System****For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs****Committed to AFMSS for processing by KURT SIMMONS on 07/19/2013 (13KMS2472SE)**

Name (Printed/Typed) HOPE KNAULS

Title REGULATORY TECH

Signature (Electronic Submission)

Date 07/18/2013

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

**ACCEPTED**JAMES A AMOS  
Title SUPERVISORY EPS

Date 07/21/2013

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 Hobbs

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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

JUL 30 2013

## Additional data for EC transaction #214040 that would not fit on the form

### 32. Additional remarks, continued

Lead: 305 sx Class C, 12.9 ppg, 1.95 yld, tail w/ 210 sx Class C, 14.8 ppg, 1.33 yld. 2nd Stage  
Lead: 580 sx Class C, 12.9 ppg, 1.95 yld, tail w/ 50 sx Class C, 14.8 ppg, 1.33 yld. Did not circ.  
WOC 6 hrs.

11-30-12 Temp survey TOC @ 1286'. Call BLM. RIH w/ 1" Could no get past csg collar. LD 1", contact  
BLM cur 8 5/8" csg per BLM instructions- could not getcmt to surf.

12-1-12 Test csg to 1500# for 30 min OK.

12-27-12 TD 7 7/8" hole @ 16444'.

12-30-12 RIH w/ 4 1/2", 11.6# BTC csg from 8877-16444 1/2", 17# P110 csg from 0-8877. DV Tool @  
8717'.

12-31-12 Mix & Pump 1st stage lead. 1550 sxs Class H, 14.2 ppg, 1.30 yld, 2nd Stage. Lead: 600 sx  
Class C, 10.8 ppg, 3.67 yld; tail w/ 100 sx class H, 14.2 ppg 1.30 yld. Circ 207 sx to surf WOC.

### COMPLETION

1-10-13 CBL-TOC 800'.

1-14-13 Test Csg to 8500# for 30 min. OK. PBTD @ 16396

1-16-13 to 1-27-13 Perf Bone Spring @ 9450-16260'; 400 holes frac w/ 2282631 gals total fluid,  
3518121 # sand.

1-28-13 Mill out plugs & Co to PBTD @ 16396'. Flowback.

2-3-13 TIH w 2 7/8" tbg & Pump & set @ 8647'. Turn well to production.