

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OM B No 1004-0137  
Expires March 31, 2007**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 ☐ Other

APR 16 2008

2 Name of Operator  
LCX Energy, LLC.

OCD-ARTESIA

3a. Address 3b. Phone No. (include area code)  
110 North Marienfeld, Suite 200 Midland TX 79701 (432)262-4014

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

SURFACE: 760' fsl & 760' FEL UL: P, Sec: 31, T: 16S, R:  
25E  
BHL 760' FNL & 860' FEL Sec: 31, T: 16S, R: 25E

5. Lease Serial No

NM-90947

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No

THAMES 31 FEDERAL 1

9. API Well No

30-015-33139

10. Field and Pool, or Exploratory Area

COTTONWOOD CREEK-WOLFCAMP

11. 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 checked="" 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 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.)

4/2/08 - M/U TCP Guns, Gun # 1=8325', 14 shots, 1-8' sub, 6 jts tbg, Gun # 2 = 8117'= 13 shots, 1-8' sub, & 6 jts. Tbg. Gun # 3 = 7909' = 12 shots, 1-8' sub & 6 jts. Tbg., Gun # 4 = 7701', 11 shots. ☐ RIH w/TCP gun assembly and rest of tubing to space bottom shot @ 8325'. R/U Cudd Equipment, test lines & safety meeting. Pressured up on guns and fired guns, P/U Rate and pressure to 15.7 bpm w/5100 psi, dead string showing 864 psi. Pumped 120 bbls & shut down w/ISDP @ 720 psi. R/D Cudd equipment. POH to guns. L/D guns "ALL GUNS HAD FIRED" RIH w/tubing out of derrick. Shut well in and shut down for day.

4/9/08 - Frac Stage # 1 @ 75 bpm w/6200 avg psi, 2049 bbls water, 17,804# sand, 153 Tons CO2, ISDP = 1745 psi. RIH w/guns and plug to top of curve, pump plug down to 7600' & set plug @ 7600', P/U to 7493' & shot 14 holes, P/U to 7285' & shot 13 holes, P/U to 7074' & shot 12 holes, P/U to 6890' & shot 11 holes. Frac Stage # 2 @ 60 bpm w/6300 psi avg. 2122 bbls water, 16,335# Sand, 158 tons CO2, ISDP = 2036psi. RIH w/ guns and plug to top of curve.

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

Jenifer Sorley

Title Regulatory Analyst

Signature

Date 04/15/2008

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

Approved by

Title

Date

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.

(Instructions on page 2)

Accepted for record - NMOCD

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4/10/08 - Pump plug and guns down to 6800', tried to set plug, wouldn't work POOH and L/D guns and plug. Replaced switch, & RIH w/guns to top of curve, pump plug down to 6800' & set plug, P/U to 6765' and shot 14 holes, P/U to 6577' & shot 13 holes, P/U to 6380' & shot 12 holes, P/U to 6170' & shot 11 holes, POOH & L/D guns & setting tool. Frac Stage # 3 @ 76 bpm w/6200 psi avg., 2106 bbls water, 18,731# sand, 135 tons CO2. ISDP= 2105psi. RIH w/plug & guns to top of curve, tried to pump tools down, tools would stack out @ bottom of curve, worked tools up and down 3 or 4 times when we noticed BJ hadn't shut bleed off line to pit and hadn't open there shut off valve to frac stack, picked back up top of curve, closed bleed off line to pit, and opened shut off valve to frac stack, pumped plug down to 6120' and set plug @ 6120', P/U to 6005' & shot 12 holes, P/U to 5810' & shot 11 holes, P/U to 5640' & shot 10 holes, P/U to 5430' & shot 9 holes, P/U to 5245' & shot 8 holes, POOH & R/D wireline equipment. Frac Stage # 4 @ 75 bpm w/ 5000 psi avg., 2198 bbls water, 18,731 lbs sand, 135 tons CO2. ISDP= 2105 psi. R/D BJ equipment. Start flow back, turn well over to Flow Back Crew.

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

Jenifer Sorley

Title Regulatory Analyst

Signature

Date 04/15/2008

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