

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED  
OMB 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 ☐ Other2. Name of Operator  
LCX ENERGY, LLC. (JOHN LAWREY 432-262-4011)3a Address 110 NORTH MARIENFELD  
SUITE 200 MIDLAND, TEXAS 797013b. Phone No. (include area code)  
432-262-40114. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
760' FSL & 760' FEL SECTION 31 T16S-R25E EDDY CO. NM

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

COTTON WOOD CREEK-WOLFCAMP

11. County or Parish, State

EDDY CO. NEW MEXICO

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 Re-drill the horizontal portion of the hole
	<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.)

1. LCX ENERGY, LLC. requests the approval to re-drill the horizontal part of the hole in their Thames "31" Federal # 1 well located 760' FEL & 760' FSL SECTION 31 T16S-R25E. The bottom hole to be 960' FEL & 760' FNL SECTION 31 T16S-R25E.
2. An attempt to fracture this well resulted in sticking the tool string in the hole and LCX ENERGY, LLC. was unsuccessful in recovering the entire fish.
3. LCX ENERGY, LLC. requests the approval to set a CIBP above the original window @ 4633' and cap the BP with cement, then come up to 4420±' and set another CIBP and cut a window above this point and commence drilling deviated hole to 4960±' then continue with the horizontal hole to a point 960±' FEL & 760±' FNL SECTION 31 T16S-R25E EDDY CO. NM.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Joe T. Janica

Title Permit Engineer

Signature

Date 10/16/07

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

APPROVED

Approved by

Title

Date

OCT 19 2007

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

WESLEY M. INGRAM

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.

**Thames "31" Federal 1  
LCX Energy, LLC  
October 19, 2007  
Conditions of Approval**

**OCT 23 2007  
OCD-ARTESIA**

- 1. Contact BLM at (505) 627-0205 a minimum of 4 hours prior to starting work.**
- 2. New plat required showing new bottom hole location.**
- 3. As proposed by LCX, a cement plug is to be set from the top of the fish and above the top of the original window at 4633'. This plug is to be tagged at 4550' or shallower.**
- 4. Place second CIBP and pump 25 sacks of cement or extend initial plug to kick off point.**
- 5. Set whip stock and drill new lateral (6-1/8" hole).**
- 6. Operator will be using a 3M BOP system and 8.4 ppg mud.**
- 7. Liner to be set is 4-1/2" 11.6# N-80 BTC and will be tied back into 7" a minimum of 200' and cement circulated to top of liner. Operator shall provide method of verification.**

**WWI 101907**