

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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 ☐ Other

2. Name of Operator  
**Lance Oil & Gas Company, Inc.**

3a. Address  
**P. O. Box 70, Kirtland, NM 87417**

3b. Phone No. (include area code)  
**505-598-5601**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1,200' FNL & 1,835' FWL  
Section 1, T30N - R14W, NMPM**

5. Lease Serial No.

**NMNM - 101552**

6. If Indian, Allottee or Tribe Name

**N/A**

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

**N/A**

8. Well Name and No.

**WF Federal 1 #2**

9. API Well No.

**30 - 045 - 32269**

10. Field and Pool, or Exploratory Area

**Basin Fruitland Coal / Harper Hill PC**

11. County or Parish, State

**San Juan 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 checked="" type="checkbox"/> Other <b>Sqz Pictured Cliffs</b>
	<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.)

**Lance Oil and Gas Company, Inc. perforated and squeezed the WF Federal 1 #2 Pictured Cliffs formation as follows:**

**The Pictured Cliffs formation was perforated on 04/07/05 from 1,650' - 1,680' KB with 3 SPF and 120 degree phasing (Hole Size - 0.42 inch). MI & RU rig on 04/11/05 and swab tested. The Pictured Cliffs was swabbed dry. A water sample was collected and submitted for analysis.**

**On 04/15/05, PU and TIH with Halliburton 5-1/2" cement retainer and set at 1,625' KB. Establish rate into Pictured Cliffs at 2.0 bpm at 1,500 psig. The pressure broke back to 880 psig and commenced squeeze. Pumped 100 sxs (21.1 bbls) Halliburton Standard cement containing 2% CaCl2 (Weight - 15.6 ppg, Yield - 1.18 ft3/sx and Mix Water - 5.2 gals/sx). Pictured Cliffs formation pressured up to 3,000 psig after pumping 40 sxs (8.5 bbls) into perforations. Sting out of cement retainer and circulate tubing clean. Sting back into cement retainer, pump 0.25 bbl and pressure up to 3,500 psig. Sting out of cement retainer and TOOH with tubing.**

**TIH with bit 4-3/4" bit and drill out cement retainer at 1,625' KB and cement down to 1,680' KB. TIH and tag PBTD at 1,804' KB. Pressure test squeeze perfs to 3,000 psig for 15 minutes. Test - Good. RD & MO rig.**

**Lance Oil and Gas Company, Inc. requests approval to produce only the Fruitland Coal formation in the WF Federal 1 #2 well. The well will not be commingled at this time.**

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

**Thomas M. Erwin, P.E.**

Title **Senior Production Engineer**

Signature

*Thomas M. Erwin*

Date

**05/26/2005**

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

Approved by

*Thomas M. Erwin*

Title

**Pet. Eng**

Date

**5/27/05**

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

**FTO**

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)

NMOC