

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No 1004-0137  
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.**

5. Lease Serial No  
NMNM-011639

6 If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1 Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Kimbell Oil Company of Texas

3a. Address  
777 Taylor Street, Suite P-11A  
Fort Worth, Texas 76102

3b. Phone No. (include area code)  
817-335-2591

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

8. Well Name and No  
Lieberman No. 2

9. API Well No  
30-039-06134

10. Field and Pool or Exploratory Area  
Basin Fruitland Coals

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

900' FSL & 990' FWL Section 4, T25N, R7W

11. Country or Parish, State  
Rio Arriba, New Mexico

**12. CHECK THE 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 type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

After significant efforts of swabbing, pressure buildups and flow testing, it has been determined that the perforated intervals in the Fruitland Coals formation are uneconomical to produce. Maximum Shut-in pressure reached 102 psig on 04/18/2007 with a corresponding maximum flow rate of 2.7 MCF/D. Kimbell Oil Company is herein requesting BLM authorization to Plug and Abandon this wellbore as per the attached proposed plugging procedure.

\*\*\*\*\*see attached procedure to plug and abandon\*\*\*\*\*

**RECEIVED**  
**SEP 17 2007**  
Bureau of Land Management  
Farmington Field Office

RCVD SEP 19 '07  
OIL CONS. DIV.  
DIST. 3

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

Name (Printed/Typed)  
Jonathan M. Stickland

Title Operations Engineering Agent

Signature

Date 09/12/2007

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

Approved by

Original Signed: Stephen Mason

Title

Date

**SEP 18 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

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)

**NRMOCD**

*Handwritten signature*

## GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

## SPECIFIC INSTRUCTIONS

*Item 4* - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

*Item 13* - Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment.

## NOTICES

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

**AUTHORITY:** 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

**PRINCIPAL PURPOSE:** The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

**ROUTINE USES:** Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

**EFFECT OF NOT PROVIDING THE INFORMATION:** Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

**BURDEN HOURS STATEMENT:** Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

**Kimbell Operating Company**  
**Well Workover Procedure**  
**Liberman #2 ( Old C.J. Warren #2)**  
**990' FSL & 990' FWL**  
**Section 4-T25N-R7W**  
**Rio Arriba County, New Mexico**

**Well Data:**

G.L. Elevation:	6372'
Total Depth:	2289' in Pictured Cliffs formation
P.B.T.D.	2189' Sand Plug.
Surface Casing:	9-5/8" OD set @ 106' and cemented to surface
Production Casing:	5-1/2" casing set and cemented with 100 sacks @ 2193'
Producing Interval:	Fruitland Coal perfs @ 2171'-2186'. Open Hole from 2193'-2298'.
Date Completed:	June 15, 1955
Tubing:	2-3/8" OD tubing on tension pkr. @ 2150'.

**Plugging Procedure:**

1. Move in and rig up workover rig. Install safety equipment, blowdown well, ND tree and NU BOPE. Test Same. TOOH and lay down 2-3/8" OD tubing and packer. Lay down packer. TIH with bit and tubing and clean out sand plug to 2215'. TOOH and lay down bit. PU and run and set DHS cement retainer @ 2150'. TIH with tubing and sting into retainer. Establish rate into open hole and perforations. Mix and pump 75 sx Class B cement. Unsting from retainer and mix and pump to spot ~~23~~<sup>increase</sup> sx class B cement on top of cement retainer to top of Fruitland coals @ 1875'.
2. RU and perforate 3—HSC squeeze holes @ 1723'. PU and set DHS cement retainer @ ~~1470~~<sup>1670</sup>' (Ojo Alamo top). Mix and pump ~~50~~<sup>increase</sup> sx Class B cement below retainer. Unsting from retainer and mix and pump to spot ~~12~~<sup>increase</sup> sx Class B cement on top of retainer to top of Ojo Alamo @ 1370'.
3. TOOH with tubing and perforate 3-HSC squeeze holes @ 200'. TIH pump down casing to establish pump in rate and mix and pump 85 sx Class B cement containing 2% CaCl<sub>2</sub>. Displace to 100'. Shut in casing and leave overnight. Bleed down pressure and TIH w/ tubing to tag top of cement. Mix and pump sufficient Class B cement to fill casing to surface. TOOH w/ tubing and lay down.

Page-2-  
Lieberman #2 P&A  
Procedure

4. Cut off casing 4' below ground level and weld on casing plate. Install dry hole marker. Restore surface location and seed location as per BLM seed mix requirements.

Prepared By: J.M. Stickland  
Operations Engineering  
Kimbell Oil Company

Electronically signed by : **J. M. Stickland**

**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
1235 LA PLATA HIGHWAY  
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 2 Liberman

**CONDITIONS OF APPROVAL**

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."

2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.

3. The following modifications to your plugging program are to be made:

Plug placement is adequate however the amount of cement is not enough to fill the volume.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.