

# RECEIVED

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Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

# HOBBS

## 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.

LC-055546

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

Herman L. Loeb

3a. Address

P O Box 524, Lawrenceville, IL 62439

3b. Phone No. (include area code)

(618) 943-2227

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

1980' FNL 1980' FEL Section 4-T25S-R37E

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

8. Well Name and No.

Wells Federal #2

9. API Well No.

30-025-11440

10. Field and Pool or Exploratory Area

Jalmat (Tansil, Yates, Seven Rivers)

11. Country or Parish, State

Lea County, NM

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 checked="" 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 recompleate 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 recompleation 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.)

The purpose of this workover is to add perforations in the Yates and upper Seven Rivers formations. The new perforations will be acidized and possibly sand fractured. See attached proposed workover procedure for complete details. The proposed starting date is October 28, 2008 with a duration of 1 week.

BLM Bond # NM-2839

New Tansil perforations: 2794-2808, 2814-2823, 2828-2837 & 2841-2850

New Yates perforations: 2862-2883, 2900-2916 & 2930-2948

Possible fracture treatment w/CO2 foam & 80000 to 140000# of 10/20 sand depending on extent of gas shows & depletion.

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

C. H. Bahr

(303) 694-2150

Title Petroleum Geologist

Signature

Date 10/22/2008

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

Approved by

Title

Office

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.

**APPROVED**

Date NOV 2 2008

JAMES A. AMOS

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)

**HERMAN L. LOEB**

**Wells Federal No. 2, Lea County**

**API No. 30-025-11440**

**Workover Procedure**

1. MIRU WSU. KILL WELL WITH 2% KCL. ND WELLHEAD. NU BOP.
2. PU 2 3/8" TBG AND TIH TO APPROXIMATE PBTD OF 3100'. TOH. CLEAN OUT AS NECESSARY WITH BAILER.
3. TIH W/ 4 3/4" BIT AND CASING SCRAPER. TAG BOTTOM. DISPLACE/ LOAD W/ 2% KCL. TOH LD TBG.
4. RU WIRELINE AND RUN GR-CBL LOG. SET COMPOSITE BP @ 2954'. PRESSURE TEST CASING, COMPOSITE BP AND BOP TO 500 PSI. PERFORATE 2794-2808', 2814-2823', 2828-2837', 2841-2850', 2862-2883', 2900-2916', 2930-2948' W/ 1 JSPF (96 HOLES) 120° PHASED SLICK GUNS.
5. PU 3 1/2' WORKSTRING AND PKR AND TIH. SET PKR +/- @ 2660'. SWAB TEST WELL.
6. RU ACID COMPANY. SPOT 1 BBL ACID OVER PERFS. PULL UP TO +/- 2660'. REVERSE 3 BBLS. SET PKR. BREAK DOWN PERFS. SWAB TBG DRY. ACIDIZE WELL W/ 3500 GALS 15% NEFE ACID AND 150 RCN BALLS AT 3-4 BPM. FLUSH W/ 2% KCL WATER.
7. SWAB TEST WELL AND EVALUATE FOR FRAC JOB.
8. IF ZONE IS ENCOURAGING FRAC WELL AS PER SERVICE COMPANY'S PROPOSAL.
9. SWAB AND FLOW TEST WELL TO EVALUATE. RETURN TO PRODUCTION.