

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMLC 046250-B

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
WILLIAMS B FEDERAL #8

3
30-015-36915

10. Field and Pool, or Exploratory Area
Artesia, Glorieta-Yeso (96830)
AND
Eddy County, New Mexico

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
LRE OPERATING, LLC

3a. Address c/o Mike Pippin LLC
3104 N. Sullivan, Farmington, NM 87401

3b. Phone No. (include area code)
505-327-4573

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2310' FNL & 1650' FEL Unit G
Sec. 29, T17S, R28E

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 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 checked="" type="checkbox"/> Other Restimulate |
| | <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 Operations (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 recomplate 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 recompletion 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.)

LRE OPERATING, LLC would like to restimulate this well as follows: TOH w/all production equipment. CO to about 3554'. W/RBP @ 3390' & pkr @ 3360', PT 5-1/2" csg & RBP to about 4000 psi & the annulus to about 4000 psi. TOH. Treat existing perms w/about 3000 gal 15% HCL acid & perf balls. Frac w/about 50,000# 16/30 sand in X-linked get. CO after frac to about 3554'. Land 2-7/8" 6.5# J-55 tbg @ about 3541'. Run pump & rods & release workover rig. See the attached wellbore diagram.

Accepted for record
NMOCD *res*
3/27/2013

RECEIVED
MAR 26 2013
NMOCD ARTESIA

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

Name (Printed/Typed) **Mike Pippin** Title **Petroleum Engineer (Agent)**

Signature *Mike Pippin* Date **March 15, 2013**

THIS SPACE FOR FEDERAL OR STATE USE

Approved by *James A. Casco* Title *SEPS* Date *3-24-13*

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 *CEO*

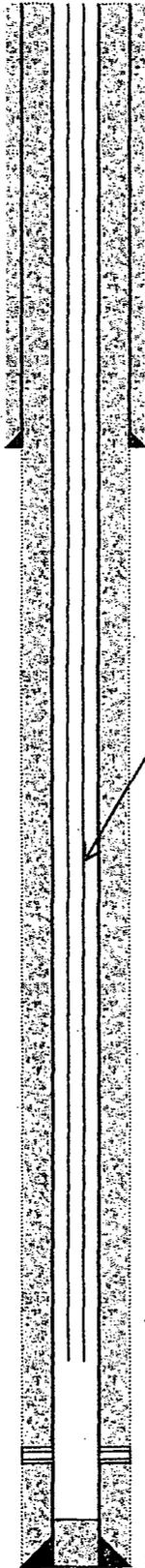
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



**LIME ROCK
RESOURCES**

LRE Operating LLC,
Proposed Yeso Refrac

**Williams B Federal #8
Sec 29, T17S, R28E (G)
2310' FNL, 1650' FEL
Elevation – 3,657'
API #: 30-015-36915
Eddy County, NM**



8-5/8", 24#, J-55, ST&C Casing @ 398', cemented w
375 sks - Circulated 126 sx to surface. (2/19/09)

2-7/8"; 6.5#, J-55 Tubing, TAC at 3300', SN at 3510', 4' slotted
sub, 1 jt MA w BP at ~ 3541'.
54- 7/8" N97 rods, 80- 3/4" N97 rods, 6- 1" KD rods,
2.5"x2"x20' RHBC- HVR pump

Proposed Stage #1:
Frac 3,000 g 15% HCL and 75 ball sealers, 19,500 g x-linked gel, 28,500 lbs 16/30 Brady, 13,500 lbs
16/30 resin coated sand at 65 BPM.

Perfs: 3,400' – 3,511' (1 SPF – 46 holes) (4/2/09)

PBTD @ 3,554'

5-1/2"; 17#, J-55; ST&C Casing @ 3,596'. Cemented w
800 sks. Circulated 197 sx to surface. (2/26/2009)

TD @ 3,606'

| GEOLOGY | |
|------------------------|--------|
| Zone | Top |
| Queen | 1,205' |
| Grayburg | 1,623' |
| San Andres | 1,924' |
| Glorieta | 3,303' |
| Paddock/ Upper Yeso | 3,408' |

Stim Info: 18,000 g heated 20% HCL & 25,000 g
heated 40# linear gel & 50 ball sealers, 10 stages at 8
BPM, 3500 g 15% HCL at 5 BPM (4/7/09)