

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**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.*OCD - Artesia  
FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 20105. Lease Serial No  
NMLC029435B

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other: INJECTION8. Well Name and No.  
J L KEEL B 20

2. Name of Operator

Contact: NANCY FITZWATER

LINN OPERATING INCORPORATED E-Mail: nfitzwat@linnenergy.com

9. API Well No.

30-015-05085-00-S1

3a. Address

600 TRAVIS STREET SUITE 5100  
HOUSTON, TX 77002

3b. Phone No. (include area code)

Ph: 281-840-4266  
Fx: 281-840-400610. Field and Pool, or Exploratory  
GRAYBURG

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

Sec 6 T17S R31E SESE 660FSL 660FEL

11. County or Parish, and State

EDDY COUNTY, NM

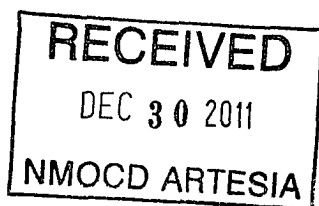
**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

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 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 recomplete 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.)

NOTICE OF INTENT TO PLUG AND ABANDON THE REFERENCED WELL.

PLEASE FIND ATTACHED A COMPLETE P&amp;A PROCEDURE ALONG WITH A PROPOSED WELLBORE DIAGRAM.

RECLAMATION PROCEDURE  
ATTACHEDSEE ATTACHED FOR  
CONDITIONS OF APPROVAL  
*See changes to procedure.**Ground Level Dry Hole Marker*

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

Electronic Submission #126227 verified by the BLM Well Information System

For LINN OPERATING INCORPORATED, sent to the Carlsbad

Committed to AFMSS for processing by JAMES (JIM) HUGHES on 12/20/2011 (12JLH0197SE)

Name (Printed/Typed) NANCY FITZWATER

Title REGULATORY SPECIALIST III

Signature (Electronic Submission)

Date 12/19/2011

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

Approved By

*James R. Davis*

Title

*SEAS*

Date

*12-28-11*

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

*CFD*

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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***Accepted for record  
NMOC D*1/9/2012*

# J L KEEL B # 20

Eddy County, NM

06-17S-31E 660 FSL 660 FEL

30-015-05085

12/14/11

---

**Project Scope:** Plug and Abandon the wellbore

---

**Non Routine Equipment Needs:**

Class "C" Cement

Drill out bit for 4-1/2" 10.5# Casing

CIBP for 4-1/2" 10.5# Casing

Mud Laden fluid – Minimum of 9 ppg (mixed at 25 sx per 100 barrels of water)

---

**Procedure:**

1. Test anchors prior to rigging up
2. MIRU plugging rig
3. Check casing and tubing pressures
4. Bleed off pressure and kill well as necessary.
5. NUBOP
6. TOOH with 2-3/8" IPC tubing and LD.
7. PU bit for 4-1/2", 10.5# casing and TIH to tag 4-1/2" composite plug capped with cement @ 2700'.
8. Circulate hole with 9 ppg mud laden fluid. (The 9 ppg mud will be needed to prevent heavy fluid flow once the composite plug is drilled out).
9. Drill out cement and 4-1/2" composite plug.
  - There is ~10' of cement on top of composite plug that is set @ 2710'
10. Clean out to 2800'.
11. TOOH with bit and LD.
12. **(Set CIBP)** TIH and set CIBP inside of 4-1/2" casing @ 2788'.
13. PU work string and TIH to spot plug 1.
14. **(PLUG 1)** Spot 25 sx of Class "C" cement on top of CIBP @ 2788' (estimated TOC will be at 2420')  
WOC 4 hrs and tag no lower than ~~2688'~~ **2468'**
15. Circulate the hole with mud laden fluid.
16. **(PLUG 2)** Spot 35 sx of Class "C" cement at 2457' (estimated TOC will be @ 2248'). WOC 4 hours and tag no lower than ~~2357'~~ **2337'**

**Contact Information:**

David Gonzales – Asset Engineer

Cell – 832-350-6334

Office – 281-840-4055

Ron Ragland - Foreman

Cell – 575-942-8675

*Perforate @ 1400, SPZ adequate cmt from 1400-1300*

17. **(Plug 3)** Spot 35 sx of Class "C" cement at 1400' (estimated TOC will be @ 1191') WOC and tag no lower than 1300'.

*Perforate @ 607, Circ cmt to surf in/out of 7"*

18. **(Plug 4)** Spot ~ 105 sx of Class "C" cement from 607' to surface. Squeeze cement into 7" casing to ensure proper fill-up is obtained.

19. Cut off the wellhead, cap the well, and install a dry hole marker. *Fill all annulus to surf.*  
20. RD P&A rig.  
21. Clean location and schedule the inspection of the location.

Contact Information:

David Gonzales – Asset Engineer  
Cell – 832-350-6334  
Office – 281-840-4055

Ron Ragland - Foreman  
Cell – 575-942-8675