

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB NO 1004-0135  
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  
NMLC029435B ✓

6. If Indian, Allottee or Tribe Name

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

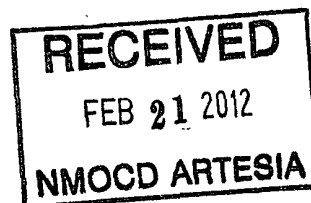
**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**1. Type of Well  
☐ Oil Well ☐ Gas Well ☒ Other: INJECTION8. Well Name and No  
J L KEEL B 038 ✓2. Name of Operator  
LINN OPERATING, INC.  
Contact TERRY B CALLAHAN  
E-Mail: tcallahan@linnenergy.com9. API Well No  
30-015-25919 ✓3a. Address  
600 TRAVIS STREET SUITE 5100  
HOUSTON, TX 770023b. Phone No (include area code)  
Ph: 281-840-427210. Field and Pool, or Exploratory  
GRAYBURG JACKSON; SR-Q-G-S ✓4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 6 T17S R31E Mer NMP SWSE 1305FSL 1335FEL  
32 861950 N Lat, 103.901760 W Lon11. County or Parish, and State  
LEA COUNTY, NM  
Eddy

## 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 checked="" type="checkbox"/> Other Workover Operations
	<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.)

LINER INSTALLATION PROCEDURES ATTACHED

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

SAME COAS ATTACHED TO

SUBSEQUENT Report submitted 12-12-11 Accepted 12-17-11

WORK DONE prior to NOI Being APPROVED. NONE

14. I hereby certify that the foregoing is true and correct  
Electronic Submission #118796 verified by the BLM Well Information System  
For LINN OPERATING, INC., sent to the Carlsbad

Name (Printed/Typed) TERRY B CALLAHAN

Title REGULATORY SPECIALIST III

Signature (Electronic Submission)

Date 09/29/2011

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>J.D.W. Huttoch</i>	Title <i>LIE T</i>	Date <i>2/17/12</i>
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 <i>CFo</i>	

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.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

# JL Keel B 38

EDDY COUNTY, NM

I-06-17S-31E 2080 FSL 660 FEL

30-15-25919

9/23/11

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**Project Scope:** Install 4" Flush Joint Liner from top perforation to surface

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**Non Routine Equipment Needs:**

4", 10.47#, L-80 Ultra Flush Joint – Purchased  
Lift Nubbins and Stabbing Cup – Rental  
4" Packer  
New Wellhead components for 4" Liner  
Casing Crew  
Cementing Services

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**Procedure:**

1. Test anchors prior to rigging up.
2. MIRU workover unit. Record casing and tubing pressures.
3. Bleed pressure off of well.
4. NU BOP.
5. TOOH with kill sub:
  - 2-3/8" x 6' sub with bull plug
6. PU work string and TIH to tag top of cement plug at ~2748'. TOOH with work string.
7. TIH with packer and set 10' above cement plug and pressure test plug to 500 PSI.
8. Release packer and establish circulation with work string and brine fluid to load the hole.
9. TOOH with workstring and LD packer.
10. PU and TIH with 4", 10.47#, L-80, Ultra Flush Joint Casing and lightly tag TOC @ 2748'.
11. After tagging TOC pull up 5' to set end of casing at 2743'.
12. Establish circulation with brine fluid.
13. Rig up cement company (make sure that cement company has maximum amount of available cement in hopper before pumping job). This job will require a minimum of 345 sx.
14. Pump Class "C" cement until circulation is obtained and then displace with wiper plug and brine water (estimated volume to establish circulation is 452 cu. ft or 81 bbls). Shut BH valve prior to bumping plug.

**Contact Information:**

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

Joe Hernandez - Foreman  
Cell – 575-942-9492

15. ND BOP
16. Set slips for 4" casing.
17. Install bowl for 2-3/8" injection tubing.
18. NU BOP.
19. WDC.
20. PU bit and workstring and drill out cement and composite plug @ ~2748 and push composite plug to bottom @ ~ 3450'.
21. Bleed well pressure down or kill well as necessary.
22. LD bit and workstring.
23. PU 3 jts of 2-3/8" IPC tail pipe, 4" injection packer (Arrowset with on off tool), ~87 Jts of 2-3/8" IPC injection tubing, and TIH with packer landed at 2733' (unset).
24. ND BOP.
25. Circulate packer fluid.
26. Set packer at 2733'.
27. NU WH.
28. Conduct mock MIT to 500 PSI.
29. Notify foreman that the well is ready for a witnessed MIT.
30. RDMO.

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Well Name: JL JEEL B 38  
 Location: I-08-17S 31E 2080 FSL 860 FEL  
 API #: 30-15-25919  
 Elevations: GROUND KB  
 Depths (KB): PBD TD 3670'

Proposed Wellbore Schematic

Date Prepared: 9/20/11 D. Gonzales  
 Last Updated: 9/20/11 D. Gonzales  
 Spud Date: 25-May-88  
 RR Date:  
 Spud Date to RR Date:  
 Completion Start Date:  
 Completion End Date:  
 Completion Total Days:  
 Co-ordinates:

