

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.

8. Well Name and No.  
J L KEEL B 389. API Well No.  
30-015-25919-00-S110. Field and Pool, or Exploratory  
GRAYBURG11. County or Parish, and State  
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other: INJECTION2. Name of Operator Contact: TERRY B CALLAHAN  
LINN OPERATING INCORPORATED E-Mail: tcallahan@linnenergy.com3a. Address  
600 TRAVIS STREET SUITE 5100  
HOUSTON, TX 770023b. Phone No. (include area code)  
Ph: 281-840-42724. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 6 T17S R31E NESE 2080FSL 660FEL**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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.)

PLEASE SEE ATTACHED FOR WORKOVER DETAILS.

Accepted for record  
NMOCDTCS  
12/21/11

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #125364 verified by the BLM Well Information System For LINN OPERATING INCORPORATED, sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 12/12/2011 (11DLM1410SE)	
Name (Printed/Typed) TERRY B CALLAHAN	Title REGULATORY SPECIALIST III
Signature (Electronic Submission)	Date 12/12/2011

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

Approved By <b>ACCEPTED</b>	JAMES A AMOS Title SUPERVISOR EPS	Date 12/17/2011
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 Carlsbad

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 \*\***

**J L Keel B #38 (30-015-25919) Attachment**

10/26/2011	Road rig to location. Spot in rig get ready to RU. SWI
10/27/2011	Spot in reverse unit, pipe rack & W/S, Pipe racks & 4" liner. RUWSU, NUBOP, RU floor & tongs. PU 5 1/2 scrapper start PU 2 3/8 W/S, PU total of 88 jts tag @ 2743 need to be at 2748'. TOO H W/88 jts LD scrapper. PU 5 1/2 packer TIH W/79 jts jts set packer @ 2739 pressure test composite plug to 600 psi for 15 min, good. Release packer, pull 1 jt. SWI.
10/28/2011	PU 1 jt circulate down to 2749' roll hole for 1 hr. TOO H W/88 jts LD packer. Change out 4.0 pipe rams. RU Casing crew PU Casing shoe, FLoat collar, Start PU 4" flush jt liner, PU 62 jts. RD casing crew. RU Par five cementers test lines, good. Load csg W/32 bbls F/W and pipe rams wer leaking. Pulled doors on BOP pulled rams couldn't find anything wrong put back in tried to test still wouldn't hold. Called Basic had them send out service hand. We have crank BOP thought maybe they had jumped timing. Waited 1.5 hrs on service hand. End of day.
10/29/2011	Worked on BOP, decided to move pipe rams down to blind rams test BOP, good. Pumped 20 Bbls chemical wash, 300 sxs Class C cement 14.8 slurry W/1.32 yield had 15 Bbls cement bck to pit drop wiper plug pumped 32 more Bbls F/W Bumped plug @ 1600 psi shut down, total of 47 bbls cement back to pit. RD Par Five Cementers. RD floor & tongs, NDBOP, Land casing cut off NU new WH. Called Arapahoe to clean cmt our of rig pit. SDFWE
10/31/2011	NU New BOP & Drip pan. RU Floor & tongs. PU 3 1/4 bit & bit sub TIH W/84 jts tag 2631 float collar @ 2740'. RU Stripping head PU swivel. Start drilling, drilled out float collar & Casing shoe circulate hole clean. Drill on down tag Composite plug @ 2755, drill out plug and well started to flow. Pulled back up and was stuck, work and pulled 40K came free made several more passes through that area and didn't ever feel anything again. Cont on to Bottom with total of 110 jts tag @ 3450 PBTD, good. LD swivel release reverse unit. LD 40 jts get back in to liner SWI.
11/1/2011	Travel Time, Bleed down well TOO H LD 70 jts 2 3/8 W/S. Move in TFH move pipe racks & W/S off of location. Spot in 2 3/8 IPC injection tbg. RU Tbg tester TIH W/3 jts, 4" Arrow set 1 packer W/1.50 profile nipple & on/off tool. tried to test tbg and tools wouldn't go in tbg. LD pkr & tail jts, RD tbg tester, ordered new tbg.
11/2/2011	No rig activity. Wind started blow too hard to PU new 2-3/8 IPC tbg. SDFN.
11/3/2011	Travel time, Bleed down well tally new tbg. PU 3 jts 2 3/8 IPC for tailpipe, 4" arrow set 1 packer W/1.50 profile nipple, T2 on/off tool start PU new tbg PU total of 86 jts. RD floor & tongs, NDBOP, Circulate 55 Bbls packer fluid set packer @ 2731 KB, EOT @ 2829 KB. Land tbg NUWH. MOCK MIT to 500 psi for 30 min, good. RDWSU Move off. Will contact OCD for MIT.
11/16/2011	Work completed and the well passed a witness MIT by Paul Swartz.