

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other INJECTION		5. Lease Serial No NMLC029435B
2. Name of Operator LINN OPERATING INCORPORATED E-Mail: tcallahan@linnenergy.com		6. If Indian, Allottee or Tribe Name
3a. Address 600 TRAVIS STREET SUITE 5100 HOUSTON, TX 77002	3b. Phone No. (include area code) Ph: 281-840-4272	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 6 T17S R31E SWSE 430FSL 2250FEL ✓ UL O		8. Well Name and No J L KEEL B 30 ✓
		9. API Well No. 30-015-21460-00-S1 ✓
		10. Field and Pool, or Exploratory GRAYBURG
		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 type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" 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 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 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.)

Work Completed to Return Well to Injection.

Please see attached Daily Reports for the work.

Accepted for record  
NMOCD RC  
9/29/11

Same as Previous Sundry

14. I hereby certify that the foregoing is true and correct. Electronic Submission #117658 verified by the BLM Well Information System For LINN OPERATING INCORPORATED, sent to the Carlsbad Committed to AFMSS for processing by DEBORAH MCKINNEY on 09/19/2011 (11DLM1351SE)	
Name (Printed/Typed) TERRY B CALLAHAN	Title REGULATORY SPECIALIST III
Signature (Electronic Submission)	Date 09/15/2011

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

Approved By <b>ACCEPTED</b>	DUNCAN WHITLOCK Title LEAD PETROLEUM ENGINEERING TECH	Date 09/20/2011
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

**J L KEEL B 030 (NMLC029435B) EDDY COUNTY, NM 30-015-21460**

- 04/21/11 Test Anchors RUWSU. Tbg 2050, csg 2050 flowback well to tank, flowing @ 100 psi getting back oil. Spot in W/S Cont flowing well all night. Flowed +/- 400 Bbls.
- 04/22/11 Hauled 800 Bbls overnight. NDWH, NUBOP, Release packer TOO H W/83 jts 2 3/8 plastic coated tbg & 5 1/2 Horner Packer. Found hole on jt 1, 4' from surface rest looked good, packer swabbed all the way out of hole. Change over lifting equipment & pipe rams to 2 7/8. Called Basic BOP needed to be repaired. Crew took lunch. PU 4 3/4 bit & scrapper start PU 2 7/8 N-80 W/S, PU a total of 99 jts tagged @ 3130' PBTD 3249' 120' of fill. TOO H W/90 jts SWI.
- 04/25/11 Csg 200 psi, Bleed down well. PU Bailer TIH W99 jts tagged fill @ 3129' only made 2' W/Bailer. TOO H W/99 jts LD Bailer. Wait on reverse equipment & drill collars, Had to wait 3 hrs. PU 4 3/4 bit & bit sub, PU 6-3 1/2 DC, TIH W/94 jts tag @ 3131'. PU power swivel get redy for morning. SWI
- 04/26/11 200 psi, bleed down well. Drill down jt 94,95,96,97 to 3248' float collar @ 3249' circulate hole clean getting back scale. Called Chemical man to come get sample. Flow increased I have 3 trucks trying to keep up. LD swivel TOO H W/97 jts LD 6-3 1/2 DC. PU 5 1/2 RBP TIH W/86 jts set RBP @ 2730 and flow didn't quit. Release plug pull up a jt try again still had flow thought RBP might be bad Decided to TOO H W/RBP but wind was blowing to hard. SWI
- 04/27/11 Tbg & csg 200 psi bleed down well. PU 8 jts total of 86 set RBP back @ 2730. Jay off TOO H W/86 jts. PU AD1 packer TIH W/19 jts try ro set packer @ 608' wouldn't set. records indicate there was a csg leak @ 389' to 539' and I suspected that was where the flow was coming from. TOO H W/19 jts Wait on another packer. TIH W/19 jts try and set @ 608' packer still wouldn't set. TOO H W/19 jts PU 3rd packer TIH Set packer @ 608' packet set still had flow on tbg & csg. Decided to TIH & test RBP. TOH total of of 88 jts tag RBP @ 2790 RBP Was 2 jts lower then was supposed to pkr hand off on tbg count. TOO H W/88 jts LD packer. PU retrieving head TIH W/88 jts release RBP. TOO H W/88 jts LD RBP wanted to check condition. PU Re-dressed RBP TIH W/86 jts set @ 2730 jayed off Pulled 1 jt, 85 in hole SWI
- 04/28/11 Bleed down well Test RBP pumping @ 2 bpm. TOO H W/85 jts. PU AD 1 packer TIH W/85 jts set packer @ 2694' Test RBP dpwn tbg to 800 psi, psi climbed to 100 psi bleed down. Monitored well for 1 hr still had slight flow on tbg side. Called David. Release packer TOO H W/28 jts 57 in hole set packer @ 2812 (7Rivers) 2822 to 2045'. Csg still flowing. Pull 1 jt set packer @ 1782 csg still flowing. TOO H W/49 jts 7 in hole try to find top of old hole @ 389 to 539. Set packer @ 223' test csg to 500 psi, pressure dropped 200 in less then a min. Pull 2 jts set packer @ 159 same test> release packer pull 5 jts. Waited on orders from engineer. BOP wouldn't open had to call for another BOP to change out. NDBOP, NUBOP. PU retrieving head TIH W/86 jts W/S. TOO H LD W/86 jts & RBP. Changer over to 2 3/8 tbg. SWI
- 04/29/11 Blind rams were leaking called Basic had them come to fiels and check, After pressure had built up to 50 psi they held. Bleed down well open up blind rams 1 side wouldn't open. Called Basic to come repair ended up changing out BOP. RD floor & tongs NDBOP, NUBOP, RU Floor & tongs. RUWI PU 4.50 gauge ring RIH to 2800', David wanted Composit plug @ 2780' called David and advised looks like there is no csg at that depth. Looks ok from 2750 to 2760 agreed to set @ 2755' POOH. PU Composit plug RIH set @ 2755'. POOH. Mix Cement Make 2 runs W/bailer dumping 20' of cement on top of plug. RDWL and release. SWI. Was to windy to contiue unsafe.
- 05/02/11 Bleed down well. TIH W/82 jts 2 3/8 plasitc coated tbg EOT @ 2695. RD floor & tongs. NDBOP land tbg, NUWH. RDWSU move off.
- 07/07/11 Had cameron come out and ID WH for liner job
- 07/11/11 Road rig to location spot in RUWSU. Spot in Catwalk & csg, Pipe racks & W/S. Tbg & Csg 100 psi, flowback to tank. Spot in Reverse unit. NDWH, NUBOP, RU Floor & tongs, TOO H W/82 jts 2 3/8 IPC. PU 4 3/4 bit 5 1/2 scrapper PU 60 jts W/S. SWI
- 07/12/11 Bleed down well. PU 27 jts total of 87 tag cement @ 2739 KB, Composite was set @ 2755', Top perf @ 2813'. Circulate hole clean. TOO H W/87 jts. Change pipe rams to 4", RU Casing crew. PU FLoat shoe, Float Collar, Start PU 4" L-80 Ultra Flush jt, PU 82 jts tagged bottom @ 2739 KB Pulled up SWI, RD Casing crew. BOP was leaking had to call crew back
- 07/13/11 RU Par 5 cementer's. Safety meeting. Test lines to 4000 psi, good. Pumped 2 Bbls H2O broke circulation went to SAPP Chemical wash 10 Bbls, Mix 200 sxs Class C neat 14.8 slurry, 1.32 yield pumped total of 47 Bbls 100% Excess. Dropped 3.47 wiper plug pumped 12 Bbls H2O saw chemical wash come back then lost circulation. Pumped total of 32.5 Bbls of H2O bumped plug @ 1510 psi. The last 1/2 Bbl got circulation back had cement colored water no actual cement. Final Pump pressure was 1010 psi. RD cementer and release. NDBOP set 4" csg slips cut off casing install new WH NUBOP. SWI
- 07/14/11 RU W/L PU CBL RIH Tag @ 2542' should have been 2730' Logged well to surface we had cement @ 70' RD W/L. I called Randy with OCD and he said it was okay to drill out plug. That we needed be sure and file sundry notice. PU 3 1/4 bit TIH W/84 jts @ 2635' SWI. I didn't have water truck & didn't think it would be in our best interest to pay full price for reverse unit for just a couple of hrs.
- 07/15/11 PU power swivel & jts 84 tagged @ 2618' Break circulation start drilling, drilled jt 84,85,86,87, tagged float collar on jt 88. Dilled out float and shoe collar. Drill 16' cement off of composit plug start drilling plug. Fell through circulate clean LD swivel Pull 4 jts to get above perfs SWI.

07/18/11 Crew to loc. Well had 650 psi on it. Bled well to frac tank. Rig up reverse unit, had to circ. gas out of the well. started running pipe. tagged up on composite plug, finished pushing what was left of it to bottom (3490') Circ. hole clean, POOH  
W/ tbg Laying down the work string. Laid down a total of 112 jnts. s/i well, SDFN.

07/19/11 Crew standing by waiting on pkr.

07/20/11 Crew standing by waiting on packer

07/21/11 Packer finally arrived. but had to have swedge made for bottom of packer to be able to run tail pipe.☐  
Sent crew home

07/22/11 Pick up 2 jnts ASI-X 4" packer, 82 jnts 2 - 12' subs. Set pkr @ 2734.86 end of liner @ 2739'☐  
Circ. pkr fluid. ND BOP, set pkr, Flange up well head. Hook up pump trk run 30 min. chart. pkr held.☐  
RDMO well.

07/25/11 Complete liner installation.

08/02/11 Passed MIT witnessed by Richard Inge

08/02/11 RTI w/ choke set at 150 BPD rate & injection pressure of 1300 psi.