

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-025-12041

5. Indicate Type of Lease

STATE ☐FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

SOUTH LEONARD UNIT

8. Well Number: 006

9. OGRID Number 269324

10. Pool name or Wildcat
LEONARD;QUEEN,SOUTH

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other INJECTION

2. Name of Operator

LINN OPERATING, INC.

3. Address of Operator

600 TRAVIS, SUITE 5100, HOUSTON, TEXAS 77002

4. Well Location

Unit Letter H; 1980 feet from the N line and 660 feet from the E lineSection 23 Township 26S Range 37E NMPM LEA County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

2988' DF

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐PLUG AND ABANDON ☐TEMPORARILY ABANDON ☒CHANGE PLANS ☐PULL OR ALTER CASING ☐MULTIPLE COMPL ☐DOWNHOLE COMMINGLE ☐OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐P AND A ☐CASING/CEMENT JOB ☐OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

SOUTH LEONARD UNIT #006 IS AN ACTIVE INJECTOR THAT DOES NOT DIRECTLY SUPPORT ANY CURRENT PRODUCTION. THE WELLBORE WILL BE TEMPORARILY ABANDONED IN THE FUTURE EVENT THAT UTILIZATION IS FOUND.

1. POOH W/ RODS & TUBING.
2. SET CIBP @ 3150'.
3. DUMP 35 SXS CMT ON TOP.
4. TAG TOC.
5. CONDUCT MIT.
6. TA WELL.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge.

SIGNATURE

TITLE: REG COMPLIANCE SPECIALIST III

DATE FEBRUARY 6, 2014

Type or print name TERRY B. CALLAHAN

E-mail address: tcallahan@linenergy.com

PHONE: 281-840-4272

For State Use Only

APPROVED BY:

TITLE

DATE

Conditions of Approval (if any):

FEB 11 2014

Proposed Wellbore Diagram

Lease & Well No.	South Leonard Unit #06
Field Name	Queen South Leonard
Location	1980' FSL & 660' FWL; T: 26S R: 37E Sec: 23
K.B. Elevation	
D.F. Elevation	2988'
Ground Level	

Updated by:	B. Williams 2/4/2014
County & State	Lea County, New Mexico
API No.	30-025-12041

Surface Casing					
Size (OD)	12 1/2"	Weight	50.0#	Depth	154'
Grade		Sx. Cmt.	50 sx	TOC @	Unk
Intermediate Casing					
Size (OD)	8 5/8"	Weight	32.0#	Depth	1,230'
Grade		Sx. Cmt.	100 sx	TOC @	688'
Calc					
Production Casing					
Size (OD)	7"	Weight	23.0#	Depth	3,250'
Grade		Sx. Cmt.	100 sx	TOC @	2,522'
Calc					

Well History

8/24/50 - TD well @ 3,470'; Shot well w/ 125 qts nitro-glycerine f/ 3,420 - 70'

12/1/1956 - Well flowed until this date and stopped;

2/24/58 - TA'd well and wait on unitization for H2O flooding purposes

2/7/71 - RIH and cld out well to TD; RIH w/ 3" frac tubing & logged to 3,842'; Frac'd well w/ 20,000 gals gelled H2O + 35,400# 10/20 sd in 2 stages; Put well on production

4/7/77 - POH w/ production eqmt; Cld out to TD @ 3,570'; Set pkr @ 3,191' & acdz open hole w/ 1,000 gals acid; RIH w/ IPC tbg & pkr & set same @ 3,197'; put well on injection

10/20/77 - well Shut-in due to mechanical problems

1/31/86 - Cld out well to 3,470'; Acdz well w/ 1,000 gals; Set pkr @ 3,170'

6/17/08 - POH w/ tbg & pkr; RIH w/ new pkr & tstd tbg in hole; Ran MIT & held ok;

8/18/11 - POH tailing out w/2-38" IPC tbg & pkr

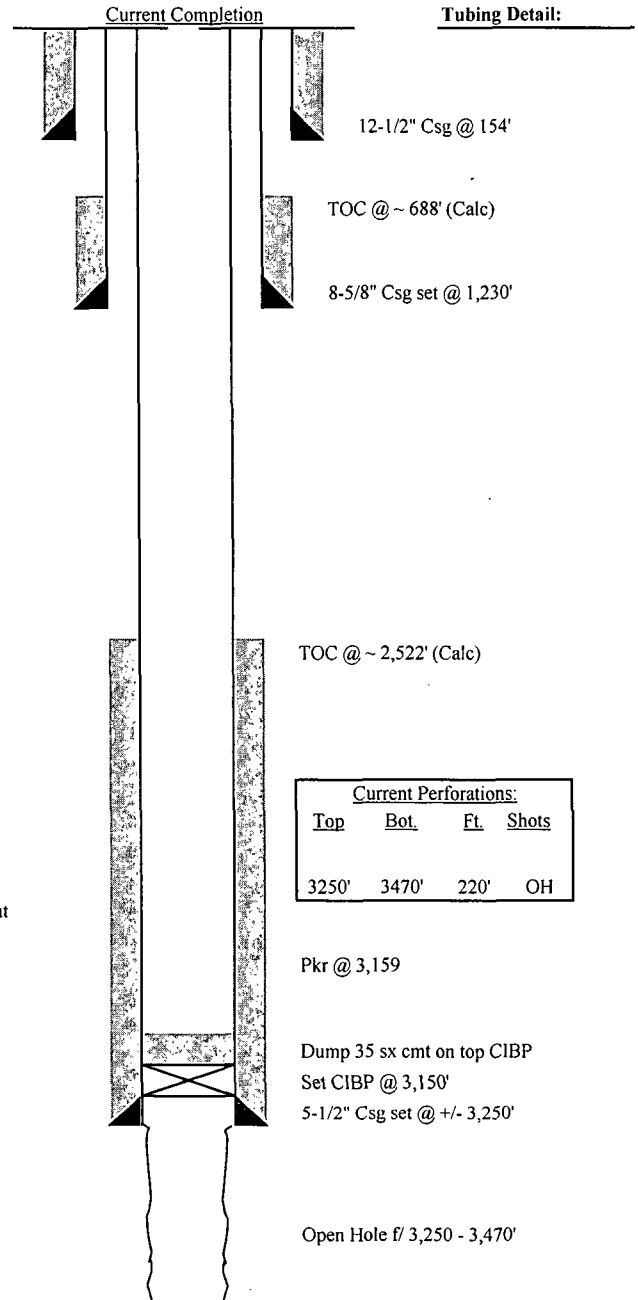
8/19/11 - RIH w/7" lok-set RBP - Arrow set pkr. PU 2-7/8". Set RBP @3170'. Set pkr @3159'. Tested RBP csg leak 8/10 BPM @900 psi. Test csg 550 psi f/30 mins. OK. Unset pkr, unset RBP. POH LD tbg pkr & RBP

8/22/11 - Set pkr 3159'

8/25/11 - Passed witnessed MIT by Bob Akin w/OCD 540 psi

10/5/12 - RU pump truck, pressure csg to 550 psi for 30 mins. Ending pressure 540 psi. Passed MIT. Put well on injection 400 psi @60 bbls/day

Formation Record	Depth
Anhydrite	990
Top of Salt	1,275'
Base of Salt	2,450'
Queen	3,415'



Plug Back Depth	
Total Depth	3,470'

Current Wellbore Diagram

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 Field Name Queen South Leonard
 Location 1980' FSL & 660' FWL; T: 26S R: 37E Sec: 23

Updated by: B. Williams 2/4/2014
 County & State Lea County, New Mexico
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 D.F. Elevation 2988'
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