

Submit 1 Copy To Appropriate District Office

District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
October 13, 2009

RECEIVED

OIL CONSERVATION DIVISION

OCT 25 2011
1220 South St. Francis Dr.
Santa Fe, NM 87505

HOBSOCD

WELL API NO. 30-025-12041
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. 307961
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 line
Section 23 Township 26S Range 37E NMPM LEA County

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

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 ☐

SUBSEQUENT REPORT OF:

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

OTHER: ☐

OTHER: RETURN TO INJECTION ☒

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.

8-17-11 MI RU PU

8-18-11 SITP 0 psi, SICP 80 psi. NDWH had trouble getting slip ring off & getting donut out of WH. NUBOP & catch pan. POH tailing out w/ 2-3/8" IPC tbg & pkr.

8-19-11 RIH w/ 7" lok-set RBP-Arrow set packer PU 2-7/8" tbg. Set RBP @ 3,170' set pkr @ 3,159'. RU Gandy pump trk, tested RBP csg leak 8/10 BPM @ 900 psi., Tested csg 550 psi f/30 mins. OK. Unset pkr, RIH latch on RBP unset RBP. POH LD tbg pkr & RBP.

8/22-11 RU tubing testers. RIH w/ 7" x 2-7/8" Arrow Set pkr w/ Baker on-off tool w/ 1.50 "F" profile 2-3/8" IPC tbg testing to 4000 psi. RD tbg testers. Set pkr @ 3,159'. RU Gandy pump trk, tested csg 600 psi f/30 mins. OK. ND catch pan & BOP, release on-off tool NUWH. Mix pkr fluid Circ 110 bbls pkr fluid. Tested csg 570 psi f/30 mins (ok). RD pump trk.

8-23-11 RDPUMO

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

Spud Date:

Rig Release Date:

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

SIGNATURE

Terry B. Callahan

TITLE: REGULATORY SPECIALIST III DATE: October 17, 2011

Type or print name TERRY B. CALLAHAN E-mail address: tcallahan@linenergy.com PHONE: 281-840-4272

For State Use Only

APPROVED BY:

[Signature]

TITLE

State MGR

DATE

10-25-2011

Conditions of Approval (if any):

OCT 25 2011

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

Former Name _____
 County & State Lea County, New Mexico
 API No. 30-025-12041

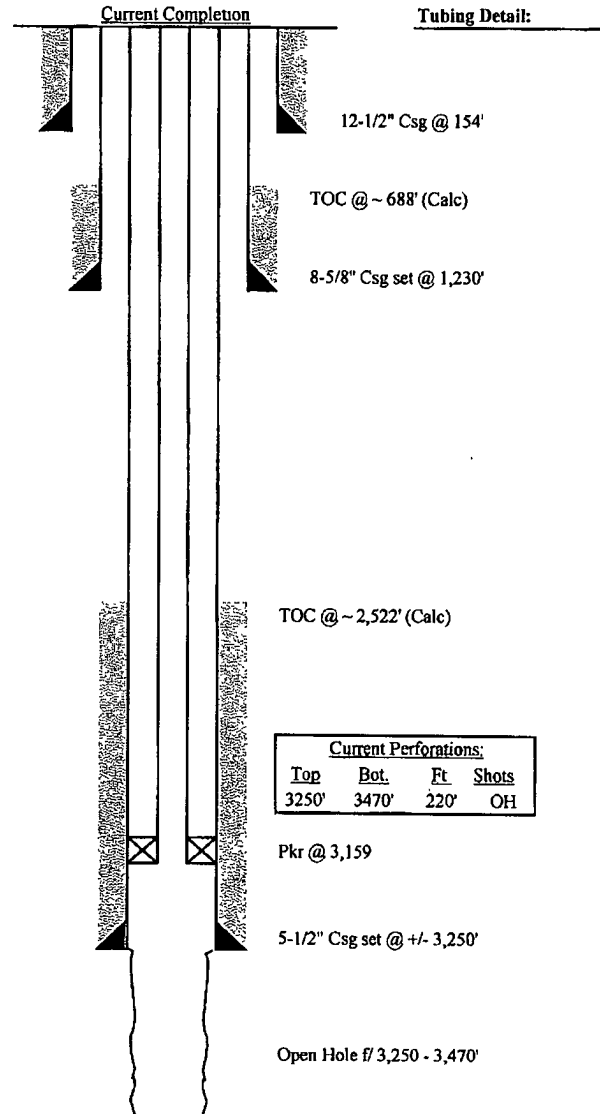
K.B. Elevation _____
 D.F. Elevation _____
 Ground Level 4,203'

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 clnd 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; Clnd 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 - Clnd out well to 3,470'; Acadz 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;

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'

