

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

HOBBS OGD

OCT 12 2011

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

WELL API NO. 30-025-01494
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name CAPROCK MALJAMAR UNIT
8. Well Number: 084
9. OGRID Number 269324
10. Pool name or Wildcat MALJAMAR; GRAYBURG-SAN ANDRES

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: P; 660 feet from the S line and 660 feet from the E line
Section 20 Township 17S Range 33E NMPM LEA County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4181 GR

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.

LINN PROPOSES TO P&A THE CAPROCK MALJAMAR UNIT #084.

Proposed P&A Procedures are attached.

The Oil Conservation Division Must be notified
24 hours prior to the beginning of plugging operations.

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 11, 2011

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

For State Use Only

APPROVED BY [Signature] TITLE STAFF MGR

DATE 10-13-2011

Conditions of Approval (if any):

OCT 13 2011

Wellbore Diagram

Lease & Well No. Caprock Malljamar Unit #84
 Field Name Malljamar (Grayburg San Andres)
 Location 660' FSL & 660' FEL; T- 17S R: 33E Sec: 20

Former Name State B #3
 County & State Lea County, New Mexico
 API No. 30-025-01494

K.B. Elevation
 D.F. Elevation
 Ground Level 4,181'

Surface Casing			
Size (OD)	8 5/8"	Weight	24.0#
Grade	Sx. Cmt.	250 sx	TOC @ Surface

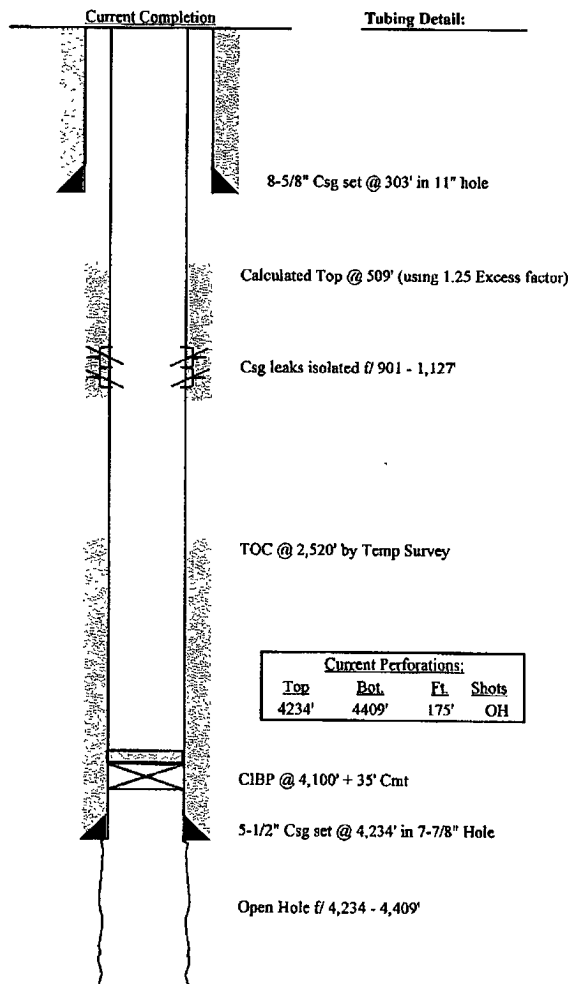
Intermediate Casing			
Size (OD)	n/a	Weight	
Grade	Sx. Cmt.		TOC @

Production Casing			
Size (OD)	5 1/2"	Weight	14.0#
Grade	Sx. Cmt.	200 sx	TOC @ 2,520'

Well History

7/24/55 - Spud Well; Set 8-5/8" csg string @ 303'; Cmt'd w/ 250 sx; Circ cmt to surface
 8/8/55 - Set 5-1/2" csg string @ 4,234'; Cmt'd w/ 200 sx cmt; WOC
 9/8/55 - TD well @ 4,409'; Frac'd well @ 4,234' - 4,409' w/ 15,000 gals lease crude + 11,000# sd
 6/25/65 - converted well to injection
 10/2/96 - well reported to be TA'd as injector
 11/18/96 - tagged fill @ 4,392'; Cld out to TD @ 4,409'; RIH w/ pkr & set same @ 4,150'; tstd csg to 500 psi, held ok for 15 min; Reset pkr @ 4,172'; Tstd tbg & csg to 4,000 & 500 psi, respectively; Pmpd 750 gals Xylene + 4,000 gals 15% Fer-Check Acid + 1,500# rock salt; RIH w/ injection pkr & set same @ 4,202';
 2/6/97 - put well back on injection after step rate test
 3/2/11 - RIH w/ workstring & tagged @ 4,124'; POH w/ tbg & RIH w/ pkr & set same @ 4,089'; Found leak in csg 1' from surface; Welded patch on csg & then RIH w/ pkr & set same @ 31'; Tstd csg down to CIBP @ 4,124'; Leaked off; Isolated csg leaks @ 907' - 1,124'; RDMO PU
 6/29/11 - Attempted to sqz csg leaks twice (64 sx); Sqzd off and tstd to 300 psi second time, held ok; RIH and drld out CIBP + 35' cmt on top; Caught +/- 2,000 psi at surface and busted csg patch at surface; Repaired csg patch and re-tstd csg leak, leaked off, Could not pump into leak; Decide to P&A well; Set CIBP @ 4,100' & dump bailed 35' cmt on top;

Formation Record	Depth
Anhydrite	1,375'
Top of Salt	1,485'
Base of Salt	2,550'
Yates	2,745'
7 Rivers	2,930'
Queen	3,700'
San Andres	4,095'



Current Perforations:			
Top	Bot.	Fl.	Shots
4234'	4409'	175'	OH

Plug Back Depth	4,065'
Total Depth	4,409'

Wellbore Diagram

Lease & Well No. Caprock Maljamar Unit #84
 Field Name Maljamar (Grayburg San Andres)
 Location 660' FSL & 660' FEL; T: 17S R: 33E Sec: 20

Former Name State B #3
 County & State Lea County, New Mexico
 API No. 30-025-01494

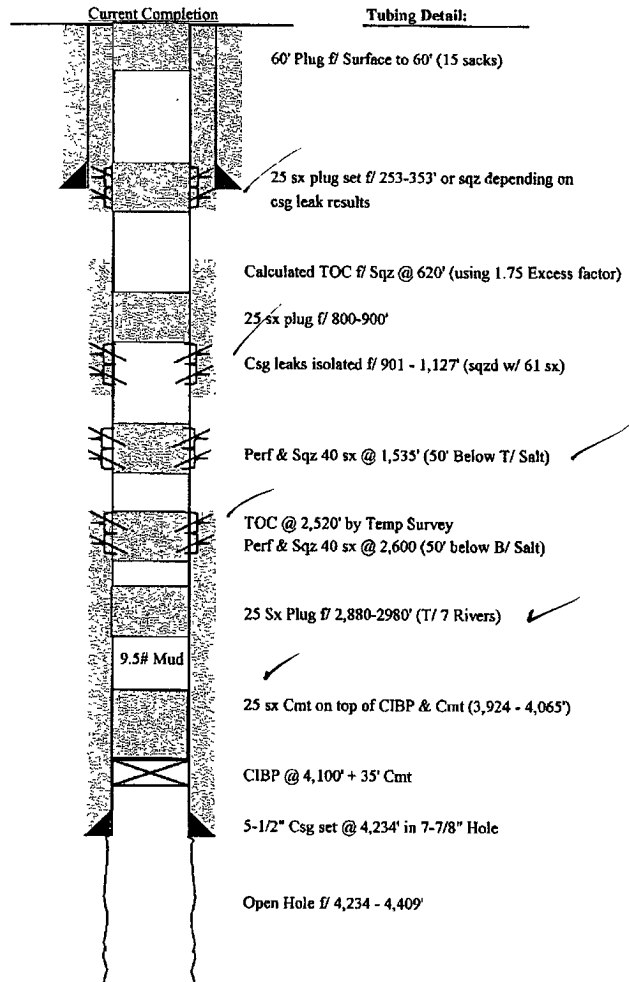
K.B. Elevation
 D.F. Elevation
 Ground Level 4,181'

Surface Casing				
Size (OD)	8 5/8"	Weight	24.0#	Depth
Grade		Sx. Cmt.	250 sx	TOC @
				Surface
Intermediate Casing				
Size (OD)	n/a	Weight		Depth
Grade		Sx. Cmt.		TOC @
Production Casing				
Size (OD)	5 1/2"	Weight	14.0#	Depth
Grade		Sx. Cmt.	200 sx	TOC @
				2,520' ✓

P&A Procedure

- 1) MIRU Plugging Company
- 2) Cap CIBP + 35' Cmt (4,065') w/ 25 sx CI 'C' cmt. WOC & tag
- 3) Circulate 9.5# mud laden fluid
- 4) Spot 25 sx plug f/ 2,980' - 2,880' (top of 7 Rivers) WOC & Tag
- 5) Perf 4 sqz holes @ 2,600' (50' below base of salt); Sqz w/ 40 sx; Top of plug @ 2,500'. WOC & Tag
- 6) Perf 4 sqz holes @ 1,535' (50' below top of salt); Sqz w/ 40 sx; Top of plug @ 1,435'. WOC & Tag
- 7) Attempt to establish circulation into csg leaks f/ 901' - 1,124'. If possible circulate cement to surface via 5-1/2" x 8-5/8" csg annulus; If unable to pump into leaks, spot 25 sx plug f/ 800' - 900'; WOC & Tag
- 8) Perf @ 353'; Pump sufficient cement to circulate cement to surface via 5-1/2" x 8-5/8" csg annulus; Leave TOC @ 253' or above; WOC & Tag
- 9) Spot 60' cement plug f/ 60' to surface; WOC & tag
- 10) Cut off WH and anchors, install dry hole marker, clean location

Formation Record	Depth
Anhydrite	1,375'
Top of Salt	1,485'
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Plug Back Depth	4,065'
Total Depth	4,409'

CAPROCK MALJAMAR UNIT #084
PROPOSED P&A PROCEDURES
ITEM #13 FROM C-103 NOI

P&A Procedure

1. MIRU Plugging company
2. Cap CIBP + 35' cmt (4,065') w/ 25 sxs CI "c" cmt. WOC & tag.
3. Circ 9.5# mud laden fluid
4. Spot 25 sxs plug f/ 2,980 ~~2~~880' (top of Seven Rivers). WOC & tag.
5. Perf 4 sqz holes @ 2,600' (50 below base of salt); Sqz w/ 40 sx; Top of plug @ 2,500'. WOC & Tag ✓
6. Perf 4 sqz holes @ 1,535' (50 below top of salt); Sqz w/ 40 sx; Top of plug @ 1,435'. WOC & Tag
7. Attempt to establish circulation into csg leaks f/ 901 - 1,124'; If possible circulate cement to surface via 5-1/2" x 8-5/8" csg annulus; If unable to pump into leaks, spot 25 sxs plug f 800-900', WOC & tag.
8. Perf @ 353'; Pump sufficient cement to circulate cement to surface via 5-1/2" x 8-5/8" csg annulus; Leave TOC @ 253' or above; WOC & Tag
9. Spot 60' cement plug f/ 60' to surface; WOC & tag
10. Cut off WH and anchors; Install dry hole marker, clean location