

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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.
30-025-39124

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

CAPROCK MALJAMAR UNIT

8. Well Number: 500

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 G; 2630 feet from the N line and 1980 feet from the E line
Section 18 Township 17S Range 33E NMPM LEA County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4,215' 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.

CLEANOUT, REPERFORATE EXISTING PERFS, PUMP CHEMICAL TREATMENT, ACIDIZE, PUMP SCALE SQUEEZE AND RTP.

FISH STUCK IN TUBING, CLEANOUT FILL, REPERFORATE EXISTING PERFS @ 1 SPF, PUMP CHEMICAL TREATMENT AND SOAK, ACIDIZE W/ 4000 GALS OF ANTISLUDGE HCL USING GEL DIVERTER, PUMP SCALE SQZ & RTP.

Existing Perfs:

1 spf (91 holes)

4136-4140', 4204-4216', 4262-4266', 4275-4278', 4297-4320', 4322-4328', 4333-4338', 4340-4344', 4348-4370'

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 T. Callahan TITLE: REGULATORY COMPLIANCE III DATE MAY 1, 2013

Type or print name TERRY B. CALLAHAN

E-mail address: tcallahan@linnenergy.com

PHONE: 281-840-4272

For State Use Only

APPROVED BY: Mary Brown TITLE: Compliance Officer DATE 5/3/2013

Conditions of Approval (if any):

MAY 06 2013

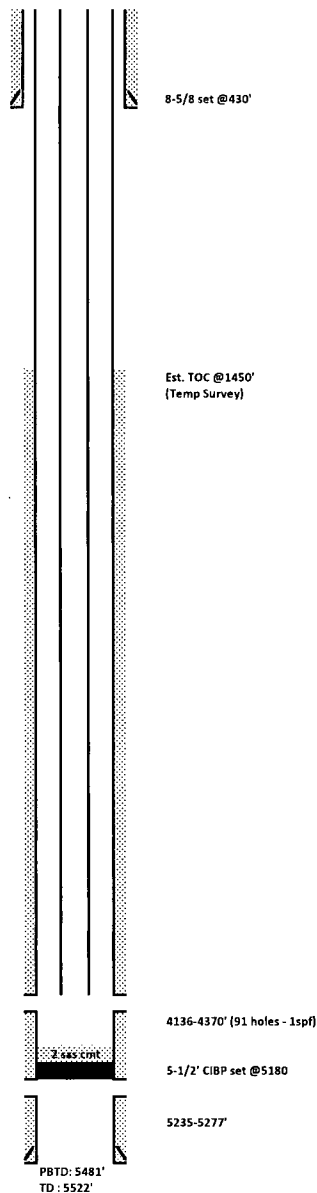
Well Name: CMU #500

	Location:
Location:	G-18-175-33E
Section:	2630 FNL & 1980 FEL
Block:	
Survey:	
County:	lea, NM
Lat/Long:	32.8345977747739 -103.70047118959
Field:	Malajamar Grayburg San Andres
	Elevations:
GL:	4215'
KB:	4228'
KB-GL Calc:	
ck w/log?	

Logging Requirements:

Date	History
1/29/2010	Spud surface hole 12-1/4" to 430'. RIH & set 8-5/8 in. 24# J-55 STC casing @430 ft.
2/4/2010	Set prod casing: 7-7/8" hole to 5500'. Set 5-1/2", 17#, J-55 ITC casing @5500'. Release rig @22:00 hrs
2/8/2010	Ran temp svry. Est TOC @1450'.
2/15/2010	Gray W. ran CBL 5481' to surf. TOC @1412' Perf'd 5235-5277 (58 holes)
2/18/2010	MIRU Gray WL. Ran CIBP & set @5180'. RIH w/bailer and dmpd 2 sx sand on top of CIBP. Ran cmt retainer & left swinging @4323'.
2/22/2010	MIRU. Tagged @4323'. Drid cmt to 4358'. Circ hole clean
2/24/2010	Acidized perms
3/10/2010	RIH w/137 jts 2-5/8" J-55, 6.5#, EUE prod tbg and set @4144'. Ran pmp & rods. W/O electricity
7/14/2010	MIRU PU. Pld pmp & rods. POH w/tubing
7/15/2010	RIH 2/RBP. Tgd @4177'. Ran 4-3/4" bit & DCs on 2-7/8" tbg
7/19/2010	Frac'd perms 4136-4370
7/20/2010	Pld & LD 3-1/2" tbg & pkr. RIH w/2-7/8" tbg Tgd @4106" & tbg got stuck. Worked free & POH
7/21/2010	RIH w/notched collar & tagged @4156'.
7/22/2010	Tgd sand @4390'. RU pmpt trk. RIH w/137 jts 2-5/8" J-55, 6.5#, EUE prod tbg and set @4146' ND BOP, NU WH. PU & RIH w/pmp & rods. Hung well on. RTP.
7/23/2010	Well not pumping. P/150 bbls FW w/soap dn annulus. RD pmp trk. Unseated pmp. POH w/pmp & rods. CK'd pmp for repair. RISH w/pmp & rods. Hung well on. RU pmp trk. Loaded tbg w/3bbls & press to 500 psi w/pmp. Ok.
4/19/2013	Wash and cut over fish to top of fish @ 4463". RIH w/ bit and scraper to 4396'
4/22/2013	Reperf existing perms @ 1 spf
4/23/2013	Pump chemical treatment for paraffin/asphaltene solvent and iron control, soak overnight
4/24/2013	Acidize perms w/ 4000 gals of anti-sludge HCL with gel for diversion

Current Wellbore Diagram



PBTD: 5481'
TD : 5522'

Well Name:	CMU #500
API No:	30-025-39124
Spud Date:	1/29/2010
WBD Update:	12/27/2012 B. Williams

Hole Size:	12 1/4
Surf Csg:	8-5/8, 24#, J-55 STC set @430'
Cement Blend:	300sx
Returns:	
TOC:	Cmt to Surf

Liner Size

Cement Blend:

Returns:

TOC:

Details of Perforations

2/15/2010
5235-5277 (58 holes) CIBP @ 5180' w/2 sxc cement on top
4136-4370 (91 holes) 4136 - 4140, 4204 - 4216, 4262 - 4266, 4275 - 4278, 4297 - 4320,
4322-4328, 4333- 4338, 4340-4344, 4348-4370 (1 spf)
4130 (4 holes) Squeeze with 200 sxc cement
4/22/2013 Repurf existing perfs in same location @ 1 spf
Acid or Fracture Treatment Details

Depth Interval	Amount and Kind Material Used
5235-5277	3000 gals 15% acid
4136-4370	6000 gals 15%; 56K, 20/40 frac sd
4130	Sqz w/200 sx cmt

Depth Interval	Amount and Kind Material Used
4136-4370	Frac'd w/16,603#, 16/30 sd, 15,600 gals

Tubing Detail	
Joints	Description
137	2 7/8" J-55, 6.5# EUE
Depth	4146'

Rod Detail (top to bottom) as of 11/17/2011	
Rods	Description
1	KB Correction @14'
1	1 1/4" X26' Polished rd w/16" liner @40'
1	7/8" X4' Rod sub @44'
1	7/8" X6' Rod sub @50'
1	7/8" X8' Rod sub @58'
40	7/8" Rods @1058'
106	3/4" Rods @3708'
1	2 1/2" X1 1/2" X20' Insert pump @3729'
1	1 1/4" Extension @3739'
1	1 1/4" Sand screen @3743'

Hole Size:	7 7/8
Prod Csg:	5-1/2, 17#, I-55, LTC set @552'
Capacity (bbl/ft):	
Cement Blend:	1300sx
Returns:	
Displacement:	
Preflush:	
Depth	
TOC	1450' (est. temp survey)
Lead Cement Blend:	
Tail Cement Blend:	