

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. 30-025-39125
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: 501
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

2. Name of Operator
LINN OPERATING, INC.

3. Address of Operator
600 TRAVIS, SUITE 5100, HOUSTON, TEXAS 77002

4. Well Location

Unit Letter H; 2630 feet from the N line and 660 feet from the E line
Section 18 Township 17S Range 33E NMPM LEA County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4,217' 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: RETURN TO PRODUCTION ☒

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 4192-4726', ACIDIZE WITH 5100 GALS 15% HCL W/ AS
290 SYSTEM AND 1400# ROCK SALT, FLOWBACK AND SWAB. RETURN TO
PRODUCTION

Spud Date:

Rig Release D

OCD Condition of Approval:

After remedial work has been done. Forms required are:
C-103 Subsequent Report with dates and the work that was done, and
C-104 with transporter(s), perms producing from, tubing size and depth
& 24 hour production test.

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

SIGNATURE

TITLE: REGULATORY COMPLIANCE III

DATE JUNE 17, 2013

Type or print name TERRY B. CALLAHAN

E-mail address: tcallahan@linenergy.com

PHONE: 281-840-4272

For State Use Only

APPROVED BY:

TITLE

DIST. MGR

DATE

6-26-2013

Conditions of Approval (if any):

JUN 26 2013

Well Name: CMU #501

Location	2630 FNL & 660 FEL
Section:	H-18-17S-33E
Block:	
Survey:	
County:	Lea
Lat/Long:	
Field:	Majmar Grayburg San Andres
GT:	4,217'
DB:	
KB-GT Calc:	4,230'
ck w/mg?	

Logging Requirements:

Date	2/7/2010
Spud well, Set 8-5/8" CSG @430' w/300 sxs cmt	
Release rig	
Drill to TD, Set 5-1/2" CSG @ 5507' w/1400 sxs cmt	
RH to PBTD 5463', TOC@ 658'	
RH and perf w/ 2 SPF @5088-5170' (42 holes) and acidized w/2000 gals 15% NEFE acid	
Set CIBP @5050' & 2 sxs cmt on top, RH & Perf w/ 2 SPF @ 4697-4726' (78 holes)	
RH w/RBP, Set RBP @5000', PU to 4814', RU and spot acid, set pkr. Acidized perfs 4893-4948 w/2000 gals 15% NEFE. Acidized perfs 4697-4726' w/2000 gals 15% NEFE.	
Release pkr & RBP, RH w/CIBP & set @ 4814' w 2 sxs cmt on top	
MRIU, POH w/rods & pump, POH w/2-7/8" tbg, RH w/4-3/4" bit sub - 2-7/8" tbg tally in hole, Tag @4802', POH w/21 ts	
RH w/5-1/2" pkr - 2-7/8" tbg.	
Clean out and acidize well, Acidized perfs 4192-4726 w/4000 gals 15% acid	
Swabbed well - 17 runs - 27 bbls w/8% oil cut	
Swab well, RH w/2-7/8" notch collar, 2-7/8" tbg tag @4780'. Circulate FW cleanout to 4802'. Circ clean, POH	
12/6/2010	w/2-7/8" tbg.
12/7/2010	RH w/pump and rods, Run pumping unit to 500 psi. Held ok. RDMO.
5/24/2013	Cleanout, reperfurate, acidize w/ 5100 gals of 15% HCL w/ AS 290 system and rock salt over 4
stages	

Wellbore Diagram
Current

8-5/8", 24# CSG
set @430'

TOC @ 658' (CBL)

Well Name:	CMU #501
API No:	30-025-39125
Spud Date:	2/7/2010
WBD Update:	6/4/2013 B. Williams
Hole Size:	12 1/4
Surf CSG:	8-5/8, 24#, J-55 STC
Cement Blend:	300 sxs
Depth:	430'
TOC:	Circ 75 sxs to surf
Hole Size:	
Int CSG:	
Cement Blend:	
Returns:	
Depth:	

Details of Perforations	
(3/3/2010) perf'd 5088-5170' (42 holes)	
(3/8/2010) perf'd 4893-4948' (52 holes)	
(3/8/2010) perf'd 4697-4726' (26 holes)	
(3/8/2010) perf'd 4192-4456' (117 holes)	
Add'd perfs: 4192-96, 4218-20', 4225-27', 4272-75', 4310-18', 4329-34', 4340-42', 4347-49', 4354-72', 4382-86', 4453-56'	
5/24/13 - report 4192-4456, 4218-4220, 4193-4196, 4218-4220, 4225-4227, 4272-4275, 4310-4318, 4329-4334, 4340-4342, 4347-4349, 4354-4372,	
4382-4386, 4453-4456, 4697-4700, 4709-4712, 4716-4719, 4724-4726	
Acid or Fracture Treatment	
(3/3/2010) Acidized perfs 5088-5170' w/2000 gals 15% NEFE	
(3/9/2010) Acidized perfs 4893-4948 & 4697-4726' w/2000 gals 15% NEFE.	
(12/7/2010) Acidized perfs 4192-4726 w/4000 gals 15% acid	
05/28/2013 - Acidized 4192-4726 w/ 5100 gals 15% HCL	

Joins	Description
128	2 7/8, 6.5#, J-55
Pkr Depth	

Rods	Description
1	KB Correction
1	1 1/4" Polished rod w/14" liner
56	7/8" rods
116	3/4" rods
15	7/8" rods
1	1" lift sub
1	2 1/2" x 2" insert pump
1	1 1/4" extension
1	1 1/4" sand screen

Hole Size:	7 7/8
Prod CSG:	5-1/2", 17#, J-55
Capacity (bbl/ft):	1400 sxs
Cement Blend:	
Returns:	
TOC:	658'
Depth:	
Hole Size:	
Liner:	
Cement Blend:	
Returns:	
Depth:	