

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 OCD**  
**SEP 16 2013**  
**RECEIVED**

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

WELL API NO. 30-025-33083
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: 175
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 \_\_\_\_\_ D: 1302 feet from the \_\_\_\_\_ N line and 1367 feet from the \_\_\_\_\_ W line  
 Section 19 Township 17S Range 33E NMPM LEA County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
4,105' GR

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

<p><b>NOTICE OF INTENTION TO:</b></p> <p>PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/></p> <p>TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/></p> <p>PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/></p> <p>DOWNHOLE COMMINGLE <input type="checkbox"/></p> <p>OTHER: <input type="checkbox"/></p>	<p><b>SUBSEQUENT REPORT OF:</b></p> <p>REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/></p> <p>COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/></p> <p>CASING/CEMENT JOB <input type="checkbox"/></p> <p>OTHER: <input type="checkbox"/></p>
---	--

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.

Proposed P&A Procedures - **RIH w/ PKR to 3800'. EST RATE. SQZ PERFS w/ 50 SX SCMT. IF UNABLE TO EST RATE, THEN GO TO STEP #2.**

- MIRU plugging equip. NU BOP.
- RIH and set 5-1/2 CIBP @ 3900'. Circ hole w/mud laden fluid. Spot 20 sx cmt on top of plug 3900-3800.
- Spot 20 sx cmt @ 2324-2224. (Base of Salt)
- Spot 45 sx cmt @ 1347-1180. (Top of Salt and shoe plug) WOC & Tag
- Spot 40 sx cmt @ 350 - surface.
- Cut off wellhead and weld on Dry Hole Marker.

\* Use Closed Loop System to circulate into

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: REG COMPLIANCE SPECIALIST III DATE SEPTEMBER 13, 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 G. Brown TITLE: Compliance Officer DATE 9/19/2013

Conditions of Approval (if any):

OIL CONSERVATION DIVISION - Hobbs office **Must Be Notified**  
 24 hours prior to the beginning of Plugging Operations.

SEP 19 2013 **PM**

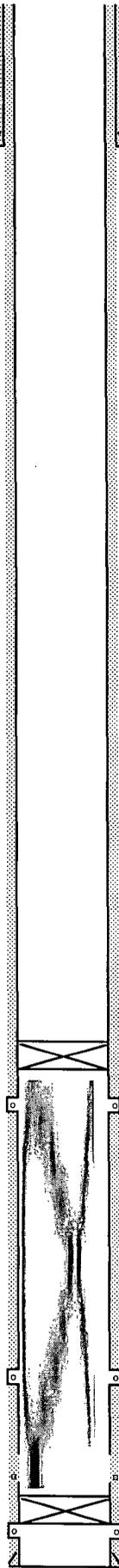
Well Name: **CMU #175**

Location:	
Location	1302' FNL & 1367' FWL
Section:	T: 17S R: 33E Sec: 19
Block:	
Survey:	
County:	Lea
Lat/Long:	
Field:	Majamar Grayburg San Andres
Elevations:	
GL:	4,105'
DF:	
KB-GL Calc:	
ck w/log?	

**Logging Requirements:**

Date	Log
10/22/1995	Spud 12-1/4" hole & drld to 1,230'. Set 8-5/8" csg @ 1,230' & cmt w/ 600 sx; Circ 95 sx to surf
11/1/1995	Perf'd Jackson zone f/ 4,447', 48', 50', 51', 56', 65', 84', 4,548', 54', 59', 64', 65', 69', & 71' w/ 1 spf (14 holes). POH. RIH w/RBP, pkr, SN and tbg. Set RBP @ 4630'. Set pkr @ 4575'. Circ hole clean and spot 4 bbl acid. Move pkr up to 4335'. Acidize.
11/3/1995	Swabbed. RIH and released RBP. Move up and set @ 4,420'. Perf'd San Andres Vacuum zones f/ 4,370', 71', 84', 85', 86', & 87' @ 1 spf (6 holes); Acidize.
11/6/1995	Flowed 52 BWH w/ 1% OC over night. Unset pkr, moved and set @ 4,380'. Perfs were communicating. (4,370'-71' comm with 4,384'-87'). Unset pkr, dropped to 4400'. Spotted sand onto RBP. Pulled up and set pkr @ 4,036'. RU Halliburton. Squeezed perfs 4,370'-87' w/50 sxs cmt.
11/9/1995	Perf'd Upper Vacuum f/ 4,289', 92', 93', 4,303', 04', 08' & 09' w/ 1 SPF. (7 Holes) RIH w/ RBP & pkr. Set RBP @ 4,340'. Pkr set @ 4,202'. Acidize.
11/10/1995	Release pkr and POH. Perf'd Grayburg f/ 4,086', 87', 98', 4,105', 06', 26', 27', 28', 29', 37', 44', 50', 51', 67', 68', 69', 80', 88', 92', 93', 96', 4,207', 09' & 16' w/ 1 SPF. (24 Holes)
11/11/1995	RIH w 5-1/2" RBP & pkr. Set RBP @ 4250'. Set pkr @ 4160. Checked comm. Had comm among all Grayburg perfs. Tbg and annulus had same flow rate of 5 gal/13 sec. Unset pkr and RBP. Set RBP @ 4330'. Set pkr @ 4279'. Checked comm. Had Comm between Grayburg and Vacuum perfs. SI. Csg and tbg built to 800#. Bled down together @ same rate. Showed comm among all perfs. Unset pkr. PU and set pkr @ 4006'. Ran tracer survey. 42% fluid into vacuum perfs (4289'-4309'). 22 % into lower Grayburg (4207'-4216'). 14 % into mid Grayburg (4137'-4196'). 22 % into upper Grayburg (4086'-4129'). SDFN.
11/14/1995	Unset pkr @ 4006' and RIH. Retrieved RBP @ 4330'. POH. RIH and retrieved RBP @ 4340' & POH. Left RBP @ 4420 in hole. RIH w/ tbg and set @ 4354'. RIH w/ prod equip. Left well pumping to battery. IP 24-hr test: 20 BO, 563 BW, 8 MCF.
5/4/2001	Poh w/ prod equip. Everything pitted. LD all rods and 75 jts tbg. All bad. Didn't get everything. 2-7/8" x 5-1/2" TAC, 19 jts. 2-7/8" tbg, SN, and 2-7/8" MSMA still in hole. RIH w/ overshot, bumper sub, jars, DC's, and tbg to 3935'. Tagged. Pulled up 6' and sat down. POH w/ tbg and tools. Fished 12' of 3/4" rods. RIH w/ same tools to 3935'. Could not catch TAC. POH. LD tools. Fish was 15' of 3/4" rods. RIH w 4-1/2" Cutrite shoe, wash pipe, DC's, and tbg. Tagged @ 3935'. Washed over fish to 3947'. POH. Fish was 2-7/8" x 5-1/2" TAC, 1/2" tbg, and 1-3/4" rod, LD shoe & fish. RIH w/ tools and tbg. Tagged fish @ 3953.5'. Washed over fish to 3955'. POH. Fish was 8' piece of tbg and 10' piece of rods. Cutrite on shoe was worn off. Fish left in hole is: 18 jts 2 7/8" tbg, 2 7/8" SN, 2 7/8" MSMA. (approx 59" long). RIH w/ tbg to 3930'. SN @ 3895'. RD BOP. NU WH. RIH w/ prod equip. Left well pumping to battery.
9/3/2002	POH w/ prod equip & tbg. RIH w/ 5 1/2" CIBP. Hung CIBP up @ 3900'. POH. RIH w/ 4 3/4" bit & 5 1/2" scraper on 2 3/8" tbg. Set down @ 3920'. Could not work down. POH. LD tools. Obtained approval to set CIBP @ 3900'. RIH w/ CIBP and set @ 3900'. POH. RD BOP. NU WH. RDMO. Well is TA'd.

**Current Wellbore Diagram**



8-5/8", 24#, 27 jts set @ 1,230'

CIBP @ 3,900'

4,086' - 4,216'

Fish in hole is from 3920'-RBP. Assumed bottom depth.

4,289' - 4,309'

4,370' - 4,387' (squeeze cemented)

RBP @ 4,420'

4,447' - 4,571'

5-1/2", 17# set @ 4,800'

TD: 4,800'

Well Name:	CMU #175
API No:	30-025-33083
Spud Date:	10/20/1995
WBD Update:	8/20/2013 R. Van Howe

Hole Size:	12 1/4
Surf Csg:	8-5/8", 24#, J-55
Cement Blend:	600 sx
Depth:	1230'
TOC:	Circ cmt to Surf

Hole Size:	
Int Csg:	
Cement Blend:	
Returns:	
TOC:	

**Details of Perforations**

11/1/1995	Perf'd 4447'-4571'
11/3/1995	Perf'd 4,370' - 4,387' (later squeezed, communicating)
11/9/1995	Perf'd 4,289 - 4,309' (communicating)
11/10/1995	Perf'd 4,086'-4,216' (communicating)

**Acid or Fracture Treatment Details**

11/1/1995	4,447'-4,571'	Acidize/3000 gal 15% NEFE acid + 32 ball sealers
	4,370'-4,387'	Acidize/2000 gal 15% NEFE acid + 21 ball sealers
	4,289'-4,309'	Acidize/1000 gal 15% NEFE acid + 15 ball sealers
2/10/1998		
	4,086'-4,309'	Acidize/1000 gal 15% NEFE acid

Tubing Detail	
Joints	Description
	2 7/8
Pkr Depth	

Rod Detail (top to bottom)	
Rods	Description

Pumping Unit:

Hole Size:	7 7/8
Prod Csg:	5-1/2", 17#, J-55
Capacity (bbl/ft):	
Cement Blend:	2050 sxs
Returns:	
TOC:	1500'
Depth:	4800'

