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

HOBBS OCD
SEP 16 2013
RECEIVED

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

Form C-103
October 13, 2009

WELL API NO. 30-025-01477

5. Indicate Type of Lease STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name: CAPROCK MALJAMAR UNIT

1. Type of Well: Oil Well ☐ Gas Well ☒ Other **Injection**

8. Well Number: 053

2. Name of Operator: LINN OPERATING, INC.

9. OGRID Number 269324

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

10. Pool name or Wildcat: MALJAMAR;GRAYBURG-SAN ANDRES

4. Well Location
Unit Letter H; 1980 feet from the N line and 660 feet from the E line
Section 19 Township 17S Range 33E NMPM LEA County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 4,156' GR

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☒	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
OTHER: **RETURN TO INJECTION**	☒			OTHER:	☐		

Per Underground Injection Control Program Manual 11.6 C Packer shall be set within or less than 100 feet of the uppermost injection perfs or open hole.

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.

Description of Work: Pull tubing and packer. Cleanout and acidize. Run tubing and packer back in the hole and RTI.

Please see attached proposed procedures.

Condition of Approval: notify OCD Hobbs office 24 hours prior of running MIT Test & Chart

*** Use Closed Loop System**

CONDITION OF APPROVAL: Operator shall give the OCD District Office 24 hour notice before running the MIT test and chart.

Spud Date: Rig Release Date:

The Oil Conservation Division MUST BE NOTIFIED 24 Hours Prior to the beginning of operations

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

SIGNATURE [signature] 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: [signature] TITLE Dist. Mgr DATE 9-17-2013

Conditions of Approval (if any):

SEP 17 2013

CMU #53

LEA COUNTY, NM

30-025-01477

09/12/2013

Project Scope: POH w/ Tbg and Pkr, clean out fill, acidize and RTI.

Well Procedure:

1. Test anchors to at least 2200# prior to rigging up
2. MIRU WO Rig and record casing and tubing pressure.
3. Bleed pressure off of well. If well is flowing, flow back to frac tank or vac truck. Contact engineer if pressure does not die and well needs to be killed.
4. ND WH, screw on flange w/ O-ring seal or long thread connection w/ no seal. Tubing hanger either bowl w/ slips or flange. Make note in daily report.
5. NU 5000# BOP.
6. Unset 2 3/8" x 5 ½" AD-1 tension packer and TOOH with 2 3/8" tubing and AD-1 packer.
7. RU Reverse Unit package with pump, frac tank, 6-3 ½" drill collars and power swivel.
8. RIH with 4 ¾" bit, 6-3 ½" DCs and 2 7/8" workstring and tag. Previous tag @ 3,958'.
9. Cleanout wellbore. PBTD @ 4595'. Perf interval is 4080' – 4346'. Circulate clean.
10. RD swivel and Reverse Unit. POOH w/ tubing, DCs and bit. LD DCs and bit.
11. RIH with 2 7/8" workstring and 2 7/8" x 5 ½" treating packer to 4400'.
12. Spot 140 gals of 15% NEFe HCl acid. Let spend for atleast 30 minutes.
13. PU to 4030'. Reverse out 10 bbls water. Set packer @ 4030'.
14. Pump 5,320 gals of 15% NEFe HCl and ~3000# rock salt for diversion. Let spend for one hour.
15. Let flow back or prep to swab back load until water cleans up.
16. RU 2 cup swab equipment w/ 7260# lubricator and hydraulic oil saver. Keep replacement cups on site.
17. Unset packer, POOH and LD 2 7/8" workstring and packer.
18. PU 2-3/8" IPC injection tubing, and TIH with new 2 3/8" x 5 ½" Arrow-set type packer with on/off tool landed at 4,000' (unset).
19. ND BOP.
20. Circulate packer fluid.
21. Set packer at 4,000'.
22. NU WH.
23. Conduct mock MIT to 500 PSI.
24. Notify foreman that the well is ready for a witnessed MIT.
25. RDMO.
26. RTI.

Contact Information:

Matt Lake – Asset Engineer
Cell – 713-263-4933
Office – 281-840-4088

Jess Hayes - Foreman
Cell – 575-602-3283

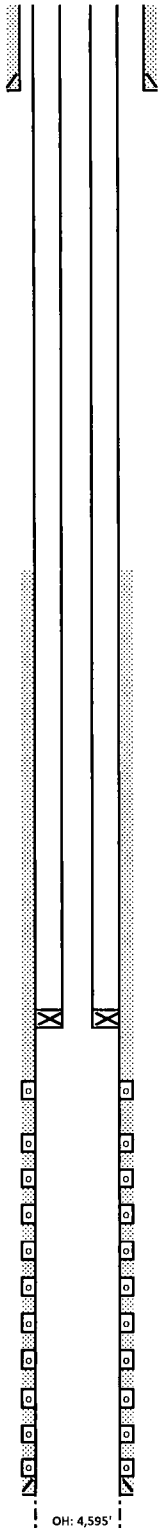
Well Name: CMU #53

	Location:
Location	1980 FNL & 660 FEL
Section:	H-19-17S-33E
Block:	
Survey:	
County:	Lea
Lat/Long:	
Field:	Maljamar Grayburg San Andres
	Elevations:
GL:	4159'
DF.	4166'
KB-GL Calc:	
ck w/log?	

Logging Requirements:

Date	
12/21/1957	Spudded well. Drilled to 345' Set 8-5/8", 24#, J-55 surf csg @338'. Circ'd 175sx to surf
1/13/1958	TD @4421'. 7-3/4" hole. LDDP, ran 137 jts of 5-1/2", 15.5#, J-55 ST&C prod csg set @4420' Cmt'd w/550 gals cmt. Ran temp survey, TOC@3625'
2/11/1958	Perf'd 4080-4252' and Frac'd w/25K gal acid and 12.5# sand
2/19/1979	Bradenhead pressure survey
3/1/1995	Cleaned & deepened to 4597'. Acidized perfs 4080-4346' and OH 4420-4595 w/2500 gal 15% NEFE acid. Set
3/15/1995	Drl new formation from 4560-4597'. TD @4597'
6/16/1999	Well shut in
8/27/2001	NU BOP. POH w/AD-1 pkr, 2-3/8" TBG. Found hole in 23rd jt. TIH w/4-3/4" bit on 2-3/8" work string. Tag fill
8/28/2001	TIH w/pkr & 2-3/8" IPC tbg. Replaced 5 jts. Set pkr@3987'.
8/21/2002	Hole in tbg. POH w/2-3/8" tby & RIH w/redressed AD-1 pkr@3965' & 2-3/8" IPC tbg
8/22/2002	MIT
7/22/2003	MIRU. ND WH. RU BOP. POH w/2-3/8" tbg. Repair leak at pkr. Tested in hole w/redressed 2-3/8" x 5-1/2" AD-
3/12/2013	MIT performed

Current
Wellbore Diagram



Well Name:	**CMU #53**
API No:	30-025-01477
Spud Date:	12/21/1957
WBD Update:	09/12/2013 M. Lake

Hole Size:	11"
Surf Csg:	8-5/8", 24#, J-55
Cement Blend:	175sxs
Depth:	338'
TOC:	

Hole Size:
Int Csg:

Cement Blend:

Returns:
Depth

Details of Perforations

(2/11/1958) Perf'd 4080-4252' and Frac'd w/25K gal acid and 12.5# sand

5-22-62 - new perfs shot b/t 4214-4346, completed w/ 1000 gal acid, 14K gal water, and 14K# sand

115' net perforated + 175' open hole

Acid or Fracture Treatment

(2/11/1958) Frac'd (Perfs 4080-4252') w/25K gal acid and 12.5# sand
(5/25/1962) Treated perfs with 10K gals wtr, 500 gals acid, 10K# 20/40 sd

(3/17/95) Acidized perfs 4080-4346' and OH 4420-4595 w/2500 gal 15% NEFE acid

Tubing Detail	
Joints	**Description**
	2-3/8" IPC
Pkr Depth	

Rod Detail (top to bottom)	
Rods	**Description**

Pumping Unit:

Hole Size:	7 7/8"
Prod Csg:	5-1/2", 15.5#, J-55
Capacity (bbl/ft):	
Cement Blend:	100 sx + 450 gals cealment
Returns:	
TOC:	Temp Survey @ 3,625'
Depth	4420'

Hole Size:
Liner

Cement Blend: