

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 OFFICE

JUN 03 2013

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

RECEIVED

WELL API NO.

30-025-01506

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: 56

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 G: 1880 feet from the N line and 1980 feet from the E line

Section 20 Township 17S Range 33E NMPM LEA County

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

4,174' 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 ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ P AND A ☐

CASING/CEMENT JOB ☐

OTHER: RTP ☒

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 TO PBTD, RUN 5-1/2" LINER TO 4,400', PERFORATE, ACIDIZE AND RTP.

PLEASE SEE ATTACHED PROPOSED PROCEDURES.

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 MAY 7, 2013

Type or print name TERRY B. CALLAHAN

E-mail address: tcallahan@linenergy.com

PHONE: 281-840-4272

For State Use Only

APPROVED BY:

Accepted for Record Only

TITLE

DATE

Conditions of Approval (if any):

ELG 6-3-2013

Oil Conservation Division - Hobbs office: Must be Notified
24 hours prior to the beginning of Plugging Operations begin.

JUN 04 2013

CMU #56

LEA COUNTY, NM

30-025-01506

05/06/2013

Project Scope: Cleanout, Run 5 ½" liner and RTP.

Non Routine Equipment Needs:

5 ½", 17#, J-55 Ultra Flush Joint

5 ½" wiper plug, 5 ½" crossover, 5 ½" float shoe, 5 ½" shoe joint, 5 ½" float collar

Lift Nubbins and Stabbing Cup – Rental

5 ½" Packer

New Wellhead components for 5 ½" Liner

Casing Crew

Cementing Services

Procedure 1:

1. Test anchors prior to rigging up.
2. MIRU WO Rig and record casing and tubing pressure.
3. Bleed pressure off of well.
4. NU BOP.
5. TOH w/ sub.
6. RU Reverse Unit and swivel.
7. RIH with bit, DC's and workstring. Tag fill @ or near 3615' (prior tag).
8. Cleanout fill to at least 4415'.
9. POOH with workstring. RD reverse unit.
10. PU and TIH with 5 ½" float collar, 5 ½" shoe joint, 5 ½" float shoe, 5 ½" crossover, 5 ½" 17# J-55, Ultra Flush Joint Casing to 4400'.
11. Establish circulation with brine fluid to load the hole.
12. Rig up cement company.
13. Pump Class "C" cement until circulation is obtained and then displace with wiper plug and brine water. Shut BH valve prior to bumping plug. Pump and circulate w/ 225 sxs Class C cement. Have at least 300 sxs on location.
14. ND BOP
15. Set slips for 5 ½" casing.
16. Install bowl for 2-7/8" tubing.

Contact Information:

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

Jess Hayes - Foreman
Cell – 575-602-3283

17. NU BOP.
18. WOC.
19. Bleed well pressure down or kill well as necessary.
20. RU WL. RIH w/ perf guns and perforate prior zones, 4067 – 4380'.
21. POH w/ guns. RD wireline.
22. PU and RIH with 2 7/8" workstring and packer to bottom perf @ 4380'.
23. Spot 360 gals of 15% NEFe HCl. Let sit for at least 15 minutes.
24. PUH and set packer at 4025'.
25. Perform Acid Job. Pump 10,000 gals of 15% NEFe HCl and approximately 750 balls for diversion.
Shut in for at least 1 hour.
26. POOH and LD workstring and packer.
27. Let well flow back. Swab to clean up.
28. RIH with tubing landed at 4,225'.
29. ND BOP.
30. NU WH.
31. RIH with pump and rods. Space out pump.
32. RDMO.

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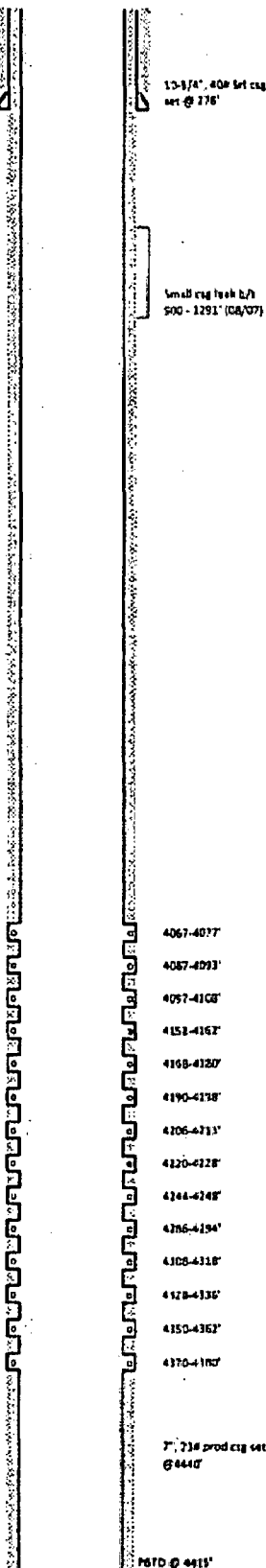
Well Name: CMU #56

Location:	
Location	1860TH & 1950 TEL
Section	G-20-175-17E
Block	
Survey	
County	Lee
Lat/Long	
Field	William Greyburg San Andres
Elevations:	
GL	4174'
DF	
FD-GL Calc	4185'
Ch w/Log	

Logline Requirements

Date	Logline Requirements
3/15/1995	Set 278 ft of 10-3/8" csg. Cemented w/320 sac. Cmt ch'd to surf.
4/6/1995	Drilled 4450', 8-3/4" hole. Set 4440', 7-1/2" csg. Cemented w/500 sac.
4/9/1995	Perf'd 72 casing with 4 short per ft: 4190-98, 4206-13, 4170-24, 4284-94, 4308-18, 4378-35, 4310-42, 4370-80 Sand frac'd with 24K gals and 24K sand.
3/7/1979	Bradenhead pressure survey performed.
5/29/1979	Ran tubing B pressure tested w/pressure pump truck. Found one leaking collar & SN cut out.
5/30/1979	Ran tubing & rods w/pump. Played well on production.
5/6/1986	Cooled & washed well to 4412'. Spotted 251 gallons of converter and let set for 24 hrs.
5/13/1986	Added perf's: 4098-4077, 4087-4093, 4097-4103, 4152-4162, 4188-4180, and 4244-4248. Treated new perf's w/8000 gal 15% H ₂ O ₂ acid, 600 lbs rock salt, and 600 lbs, benzonic acid flakes in 3 stages.
5/14/1986	Installed 1-3/4" tubing pump on 10-7/8" rods, 175-3/4" rods, 38-7/8" rods, and 15' of 7/8" rod trips.
1/19/1995	Drilled & cased out to 4415'. Acidized perf's 4068-4362 w/7500 gal 15% H ₂ O ₂ acid. Set 7" AD-1 tension pk: @3954' w/223 lbs 1-3/8" tbg.
7/17/1995	GT approved.
12/4/2007	RU PU, NISBOP, pck tbg from pipe rack - 2-3/8" tbg ABH w/25 lbs w/reinforcing tool joint on to ASP @ 1000'.
12/4/2007	CU rig tester, test tbg BHH w/7" AD-1 pkr, had trouble testing tbg had to lay down. B pkr, know pkr casing, PD.
12/6/2007	ND BOP RU WH BOPU put back on production.
4/12/2008	POH w/44 lbs tbg parted, per break on tbg & h BOP tied csg to flow line. SNOW.
8/21/2008	AJH hatched to tbg & upset pk & POH w/175 2-3/8" tbg & lay down fish tool. & lay down 24 ft spotted. SN BOP.
8/21/2008	POH rest of tbg 28 strands, & LD pkr, repair pkr to loc. 3-1/2" AD-1 pkr, RU tbg tester, start BHH w/tbg 3-1/2" AD-1 pkr.
8/21/2008	ND catch pan & RU pump tbg & ch. To tbg 150 bbl of pkr fluid. Finisher, set pkr @ 3830'.
4/9/2011	Tag BHH @ 3815'.

Current Wellbore Diagram



Well Name:	CMU #56
API No:	10-015-01306
Spud Date:	5/13/1955
WSD Update:	5/1/2012 B. Williams

Hole Size:	10-3/4"
Surf Csg:	10-3/4", 40#
Cement Blend:	220 sac
Returns:	
TDC:	Cmt to surf

Hole Size:	
Surf Csg:	
Cement Blend:	
Returns:	
TDC:	

Details of Perforations

4/9/1995	4190-94, 4206-13, 4220-28, 4284-94, 4308-18, 4378-35, 4350-42, 4370-80 (4 holes/ft)
5/13/1986	Added perf's: 4068-4077, 4087-4093, 4097-4103, 4152-4162, 4188-4180, and 4244-4248

Add-on Treatment Details

4/9/1995	Original perf's sand frac'd with 24K gals lease crude and 24K sand.
5/13/1986	Treated add'd perf's w/8000 gal 15% H ₂ O ₂ acid, 600 lbs rock salt, and 600 lbs, benzonic acid flakes in 3 stages.
1/19/1995	Acidized perf's 4068-4362 w/7500 gal 15% H ₂ O ₂ acid.

Tubing Detail 8/21/2008	
Joint	Description
172	2-3/8", 4.74, 3-55 End EUE
Per Depth	3,830

Rod Detail (top to bottom)	
Rod	Description

Pumping Unit:

Hole Size:	8-3/4"
Rod Csg:	7", 25#
Capacity (bbl/h):	
Cement Blend:	700 sac
Returns:	
TDC:	Calc. @ surface
Depth:	4440'

