

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

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

Form C-103  
Revised July 18, 2013

HOBBS OCD  
NOV 20 2017  
RECEIVED

|                                                                                                                                                                                                        |  |                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------|
| SUNDRY NOTICES AND REPORTS ON WELLS<br>(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.) |  | WELL API NO.<br>30-025-32549                                                                        |
| 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>                                                                         |  | 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 2. Name of Operator<br>Linn Operating, LLC                                                                                                                                                             |  | 6. State Oil & Gas Lease No.                                                                        |
| 3. Address of Operator<br>600 Travis, Suite 1400, Houston, Tx 77002                                                                                                                                    |  | 7. Lease Name or Unit Agreement Name<br>Caprock Maljamar Unit                                       |
| 4. Well Location<br>Unit Letter D : 1300 feet from the North line and 20 feet from the West line<br>Section 20 Township 17S Range 33E NMPM Lea County                                                  |  | 8. Well Number<br>178                                                                               |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>4212' GL                                                                                                                                         |  | 9. OGRID Number<br>178                                                                              |
|                                                                                                                                                                                                        |  | 10. Pool name or Wildcat<br>Maljamar;Gruyburg-San Andres                                            |

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

| NOTICE OF INTENTION TO:                        |                                                      | SUBSEQUENT                   |                     |
|------------------------------------------------|------------------------------------------------------|------------------------------|---------------------|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input checked="" type="checkbox"/> | REMEDIAL WORK                | INT TO PA <u>PM</u> |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input type="checkbox"/>                | COMMENCE DRILLING OPERATIONS | P&A NR              |
| PULL OR ALTER CASING <input type="checkbox"/>  | MULTIPLE COMPLETIONS <input type="checkbox"/>        | CASING/CEMENT JOB            | P&A R               |
| DOWNHOLE COMMINGLE <input type="checkbox"/>    |                                                      |                              |                     |
| CLOSED-LOOP SYSTEM <input type="checkbox"/>    |                                                      |                              |                     |
| OTHER: <input type="checkbox"/>                |                                                      | 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.

Linn is respectfully submitting a notice of intent to plug and abandon the referenced well in Lea County, NM.

1. RIH & tag CIBP @ 4,122', spot 100' cmt on top
2. Circ well w/ MLF Pressure test CSG.
3. Spot 25 sk cmt plug f/ 2,400'-2,650' (B. Salt), WOC & Tag
4. Spot 25 sk cmt plug f/ 1,400'-1,750' (T. Salt), WOC & Tag
5. Perf & sqz 25 sx @ 1,363', WOC & Tag (T. SALT, SHO E)
6. Perf & sqz @ 100' WOC & Tag 250' to surface
7. Cut off wellhead, weld on below ground dry hole marker

VERIFY CMT.  
A current and proposed wellbore diagram is attached.

UPRIGHT

NOTIFY OCD 24 HOURS PRIOR TO  
BEGINNING PLUGGING OPERATIONS

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 Debi Gordon TITLE Regulatory Manager DATE 11/16/2017

Type or print name Debi Gordon E-mail address: dgordon@linenergy.com PHONE: 281.840.4010

For State Use Only

APPROVED BY: Mark Whitaker TITLE Petroleum Engr. Specialist DATE 11-20-2017

Conditions of Approval (if any):

Well Name: CMU 178  
 Location: D-20-17S-33E 1300 FNL 20 FWL  
 Lea County, NM  
 API #: 30-025-32549  
 Elevations: GROUND: 4212'  
 KB: 4226'  
 Depths (KB): PBTD: 5488'  
 TD: 5550'

# Wellbore Schematic - Current

Date Prepared: 3-Jan-12 K. Murphy  
 Last Updated: 20-Mar-14 B. Williams  
 Spud Date: 6-Sep-94  
 RR Date:  
 Spud Date to RR Date:  
 Completion Start Date:  
 Completion End Date:  
 Completion Total Days:  
 Co-ordinates:

Perf & sqz @ 100',  
 WOC & Tag

Perf & sqz 25 sx @

Surface Csg  
 8-5/8"  
 Set @ 1313'  
 TOC @ Surface

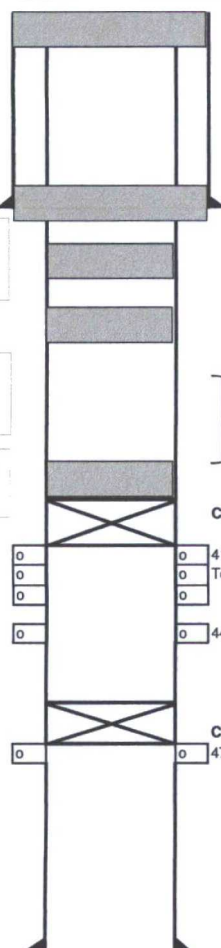
25 sk cmt plug f/  
 1,400'-1,750' (T.  
 Salt), WOC & Tag

Possible tight spot  
 @ 1700'

25 sk cmt plug f/  
 2,400'-2,650' (B.  
 Salt), WOC & Tag

Proposed 100' cmt,  
 TOC @ 4,022'

Production Csg  
 5-1/2"  
 Set @ 5546'  
 TOC @ Surf



Hole size  
 12-1/4"

Hole size  
 7-7/8"

Csg leak @4057-  
 4088' Cmt sqz'd

CIBP @ 4122'

4150-4388  
 Top of fish @ ~4211'

4438-4545

CIBP @ 4700'  
 4725-4750

## Surface Casing:

31 jts 8-5/8", 24#, J-55 csg set @ 1313'.  
 Cmt w/ 350 sxs Hal Lite w/ 1/4# flocele, tail w/ 250 sxs Cl C 2% CaCl, 1/4# Flocele. Circ 90 sxs to pit.  
 TOC @ Surface

## Production Casing:

5-1/2" 17#, J-55 set @ 5546'.  
 Cmt w/ 1075 sxs lit & 825 sxs Prem Plus.  
 TOC @ Surf

## Tubing:

2-7/8"

Length Depth

## Rods:

Length

## Notes:

Top of Salt - 1450'

Base of Salt - 2458'

## Perforations: (9/19/94-10/4/1994)

4725,30,31,37,38,42,43,44,49,50 ( Acidized w/1000 gal 15% NEFE)  
 San Andreas - 4438,44,56,75,78,80,81,87,91,4514,15,26,44,45 ( Acidized w/3000 gal 15% NEFE, 3000 gal Mod 202)  
 Grayburg - 4150,55,57,88,96,97,98,4243,56,57,58,89,94,95,4314,2021,22,34,37,47,60,61,67,  
 72,73,74,77,82,88 ( 30 holes) (Acidized w/3000 gal 15% NEFE and Frac'd w/75,000 gal 35# linear gel & 95,000# 20/40  
 sand & 44,000# 12/20 sand)

## Casing Leaks

4/11/2012 - Found csg leak f/4059' to 4088'.

4/12/2012 - Csg to 400 PSI established inj. rate 2 BPM @ 750 PSI pump 100 sx class cmt to sqz csg leaks @4057' -  
 4088' Flush cmt pass pkr. Stage cmt sqz to 1550 PSI.

4/13/2012 - Tested csg. 540# 30 min. Held ok. RD PU, & cleaned location. Secured well

## Well Status

TA'd. Expires 4/16/2014

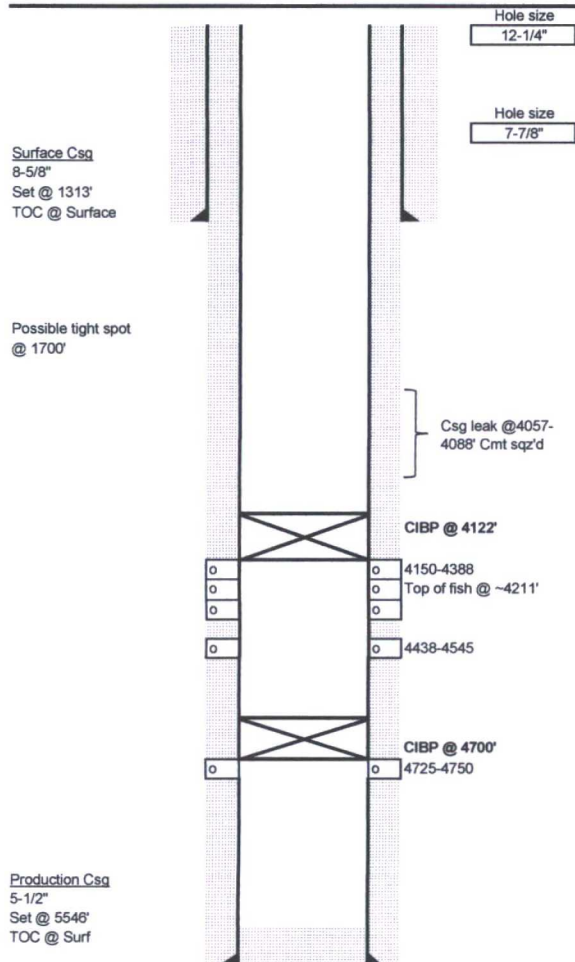
T.SALT 1450'  
 B.SALT 2458'

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