

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

1102 8 0 1220 South St. Francis  
Santa Fe, NM 87505

WELL API NO.  
30-025-11607

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

309546

7. Lease Name or Unit Agreement Name

LANGLIE MATTIX QUEEN UNIT

8. Well Number: 011

9. OGRID Number 269324

10. Pool name or Wildcat

LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG

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 INJECTION

2. Name of Operator

LINN OPERATING, INC.

3. Address of Operator

600 TRAVIS, SUITE 5100, HOUSTON, TEXAS 77002

4. Well Location

Unit Letter B; 660 feet from the N line and 1980 feet from the E line  
Section 15 Township 25S Range 37E NMPM LEA County

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

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: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: ACIDIZE & RETURN TO INJECTION ☒

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.

7/21/11 - MIRU; Unset pkr, TOH w/ pkr & tbg

7/22/11 - SICP 0 psi, Unloaded 2-7/8" workstring, RIH w/ 5-1/2" LokSet RBP & Arrow set pkr, Set RBP @ 3,090'. Set pkr @ 3,090'.

RU Basic pump truck, Test RBP 1000 psi. ok, tested csg 600 psi, ok, tested csg w/ chrt 380 psi f/30 mins, ok. RD pump truck. Unset pkr. RIH, latched onto RBP, unset, POH. RIH w/ 5-1/2" Arrow set pkr, left swinging @ 3,059'. SDFN.

7/25/11 - SITP 0 psi, SICP 0 psi. RU Crain acidizing. Acidized open hole 3164-417' w/ 1500 gals. NEFE acid w/ 1200# rock salt as diversion. Set pkr @ 3059'. Load csg pressure to 300 psi. Stage #1: pumped 500 gals acid @ 2.9 BPM - 950 psi. followed by 500# block. Saw no increase w/ block on formation. Stage #2: pumped 500 gals acid @ 2.8 BPM - 1050 psi, followed by 750# block. Saw 45 psi increase w/ block on formation. Stage #3: pumped 500 gals acid @ 3.1 bpm - 1165 psi. ISIP - 820 psi; Max press - 1165 psi; Avg press - 1135 psi, 5 min 265 psi, Max rate - 3 BPM; Avg rate - 3 BPM; 10 min. 105 psi; 15 min 35 psi, load 89 bbls. 1 hr SIP 0 psi. Unset pkr, POH, LD 2-7/8" tbg & pkr. SIFN.

7/26/11 - SICP 0 psi; RIH w/ 2-3/8" cement line tubing. Unloaded 2-3/8" IPC tbg. SIFN.

7/27/11 - PU Injection pkr & IPC 2-3/8" tbg and TIH to 3,099'

7/28/11 - Set pkr @ 3,070' w/ 24,000# of tension; test csg to 580 psi & lost 20 psi. Passed Mock MIT.

7/29/11 - RDMO

8/12/2011 - Injection volumes reported to the State of New Mexico after passing MIT Test witnessed by Mark Whitaker of the OCD. 300 psi, 3 BWP

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: REGULATORY SPECIALIST III DATE September 8, 2011

Type or print name TERRY B. CALLAHAN E-mail address: tcallahan@linnenergy.com PHONE: 281-840-4272

For State Use Only

APPROVED BY:

*[Signature]*

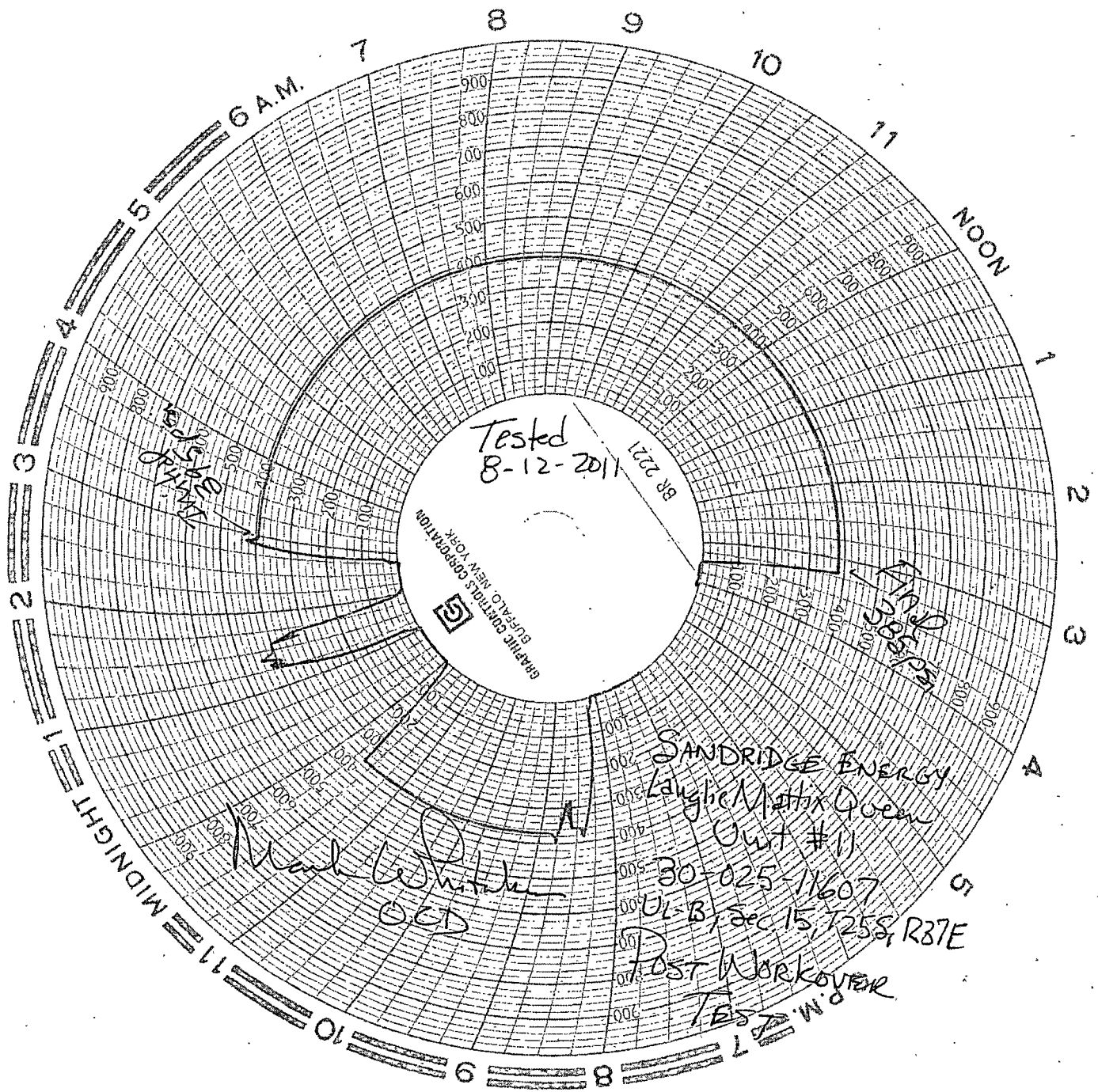
TITLE

*STATE MGR*

DATE

*9-8-2011*

Conditions of Approval (if any):



# Wellbore Diagram

## Lease & Well No.

Field Name

Location

Langlie Mattix Queen Unit #11

Langlie Mattix

660' FNL & 1980' FEL, T: 25S R 37E Sec. 15

Former Name

County & State

API No.

Lea County, New Mexico

30-025-11607

K.B. Elevation

3,117'

D.F. Elevation

Ground Level

3,106'

## Surface Casing

|           |        |          |        |       |      |
|-----------|--------|----------|--------|-------|------|
| Size (OD) | 8 5/8" | Weight   | 28.0#  | Depth | 360' |
| Grade     |        | Sx. Cmt. | 125 sx | TOC @ |      |

## Intermediate Casing

|           |     |          |  |       |  |
|-----------|-----|----------|--|-------|--|
| Size (OD) | n/a | Weight   |  | Depth |  |
| Grade     |     | Sx. Cmt. |  | TOC @ |  |

## Production Casing

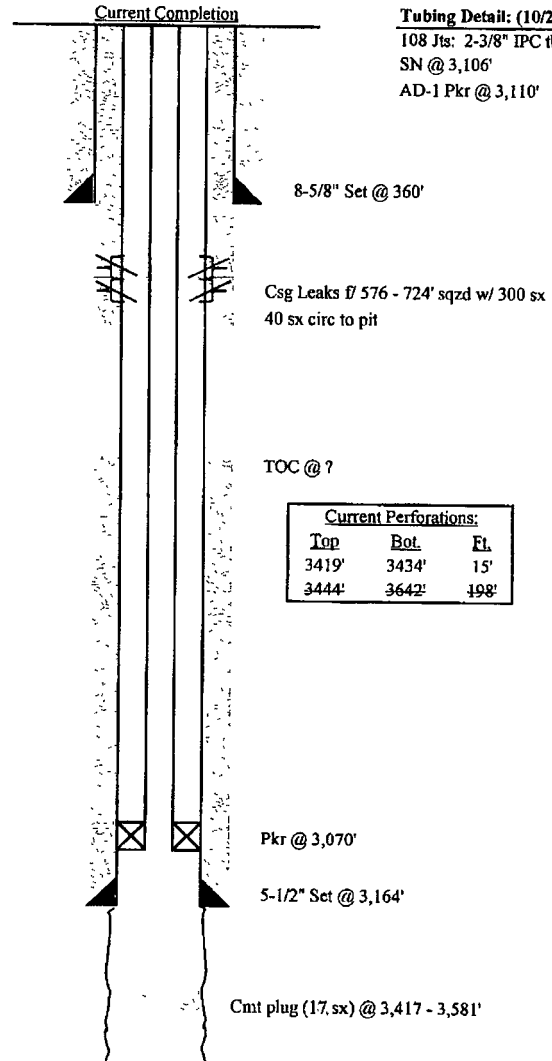
|           |        |          |        |       |        |
|-----------|--------|----------|--------|-------|--------|
| Size (OD) | 5 1/2" | Weight   | 17.0#  | Depth | 3,164' |
| Grade     |        | Sx. Cmt. | 500 sx | TOC @ |        |

## Tubing Detail: (10/23/90)

108 Jts: 2-3/8" IPC tbg (3,105')

SN @ 3,106'

AD-1 Pkr @ 3,110'



8-5/8" Set @ 360'

Csg Leaks fl 576 - 724' sqzd w/ 300 sx  
40 sx circ to pit

TOC @ ?

## Current Perforations:

| Top   | Bot.  | Fl.  |
|-------|-------|------|
| 3419' | 3434' | 15'  |
| 3444' | 3642' | 198' |

Pkr @ 3,070'

5-1/2" Set @ 3,164'

Cmt plug (17. sx) @ 3,417 - 3,581'

Formation Record      Depth

|                 |        |
|-----------------|--------|
| Plug Back Depth | 3,417' |
| Total Depth     | 3,624' |