

State of New Mexico
Energy, Minerals and Natural ResourcesForm C-103
Revised July 18, 2013OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.

30-025-11688

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Langlie Mattix Queen Unit

8. Well Number 40

9. OGRID Number

269324

10. Pool name or Wildcat

LM 7 RVRS QUEEN

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 1400, Houston, Texas 77002

4. Well Location

Unit Letter G... : 1650 feet from the North line and 1650 feet from the East lineSection 22 Township 25S Range 37E NMPM County Lea

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

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

Approved for Plugging of wellbore only. Liability under bond is retained pending restoration and completion of the C-103, Specific for Subsequent Report of Well Plugging, which may be found on the OCD web page under forms.

Restoration Due By 3-16-2018

INT TO PA

P&A NR Pm.X

P&A R

SUBSEQUENT REPORT OF:

DRK ☐ ALTERING CASING ☐
DRILLING OPNS. ☐ P AND A ☒
WELL JOB ☐

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 Operating, Inc. is respectfully submitting for your review and approval the final plug and abandonment procedure for the Langlie Mattix Queen Unit Well #040 in Lea County, NM.

3/14/17 - MIRU. Pull out rods and pump.

3/15/17 - Pull out tubing. Set 5-1/2" CIBP at 3200'. Circ hole with 80 bbls salt gel. Pressure test csg to 500 psi, csg held. Spot 25 sxs cmt on top of CIBP (CTOC at 2947').

3/16/17 - Spot 25 sxs cmt at 2410'-2157'. Perf at 1160'. Spot 40 sxs cmt at 1220' due to communication in csg (per M. Whitaker - OCD).

3/17/17 - Tag TOC at 912'. Perf at 200'. Sqz 55 sxs cmt at 200' to surface. RD

3/20/17 - Verify cmt to surface. Cut off wellhead, weld on dry hole marker BGL, clean location.

A current wellbore schematic is attached.

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

TITLE Regulatory ManagerDATE 3/22/2017Type or print name Debra GordonE-mail address: dgordon@linnenergy.comPHONE: 281.840.4010

For State Use Only

APPROVED BY:

TITLE P.E.S.DATE 03-29-2017

Conditions of Approval (if any):

Well Name: LANGLEIE MATTIX QUEEN UNIT 40

API/UWI 3002511688	Field Name PBNM - HUMPHREY-LANGLEIE-LEO	County Lea	State/Province NM	Section 22	Township 025-S	Range 037-E	Survey	Block
Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date 3/24/1938	Rig Release Date	TD Date	Latitude (") 32° 7' 6.579" N	Longitude (") 103° 8' 51.091" W	Operated? Yes

Original Hole, 3/22/2017 2:39:39 PM

Original Hole Data
Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
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Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	162.0	10 3/4	10.192	32.75		
Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Intermediate	1,103.0	7 5/8	6 31/32	26.40		
Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Production	3,285.0	5 1/2	4.892	17.00		

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	0.0	162.0		Cement with 100 sks. Circ to surface.
Intermediate Casing Cement	0.0	1,103.0		Cement with 250 sks. TOC calc assuming 1.32 yield, 75% efficiency.
Production Casing Cement	925.0	3,285.0		Cement with 200 sks. TOC calc assuming 1.32 yield, 75% efficiency.
PBTD	3,330.0	3,345.0		PBTD at 3330'
Cement Plug	2,947.0	3,200.0		Cap CIBP with 25 sks cmt. CTOC at 2947'.
Cement Plug	2,157.0	2,410.0		Spot 25 sks at 2410'-2157'
Cement Plug	912.0	1,220.0		Perf csg at 1160'. Spot 40 sks cmt at 1220'. Tag TOC at 912'.
Cement Plug	0.0	200.0		Comment Sqz 55 sks cmt from 200'-surface.

Tubing Strings

Tubing Description	Set Depth...	Run Date	Pull Date
Tubing	3,296.0	9/13/2012	

Perforations

Top (ftKB)	Btm (ftKB)	Comment
200.0	200.0	
1,160.0	1,160.0	
3,243.0	3,275.0	Queen Perfs
3,278.0	3,285.0	Queen Perfs

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Bridge Plug - Permanent	3,200.0	3,205.0		Set CIBP at 3200'

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	1,100.0	2,408.0	

