

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

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

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 line
Section 22 Township 25S Range 37E NMPM County Lea

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 ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT I

- REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING/CEMENT JOB ☐
OTHER: ☐
- INT TO PA Pm x
P&A NR
P&A R

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 proposed plug and abandonment procedure for the Langlie Mattix Queen Unit Well #040 in Lea County, NM.

1. Notify OCD prior to rig up.
2. MIRU P&A rig.
3. Set CIBP at 3200'. Cap with 50' cmt. w/ bailer or Spot 25s x w/ thg
4. Circulate well with mud laden fluid. * Spot 25 sks cmt at 2410'-2310'. * pressure test csg
5. Perf csg at 1160'. Sqz 25 sks cmt at 1160'-1050'. WOC and Tag.
6. Perf csg at 200' Sqz 50 sks cmt at 200'-surface.
7. Cut off wellhead and weld on Dry Hole Marker.

verify cmt to surface all strings
A current and proposed wellbore schematic is attached.

Spud Date:

Rig Release Date:

NOTIFY OCD 24 HOURS PRIOR TO
BEGINNING PLUGGING OPERATIONS

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

SIGNATURE Debra J. Gordon TITLE Regulatory Manager DATE 2/27/2017

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

For State Use Only

APPROVED BY: Mark Whitaker TITLE Petroleum Engr. Specialist DATE 03/07/2017

Conditions of Approval (if any):



NM Schematic

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, 2/9/2017 4:57:42 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		Comment PBTD at 3330'

Tubing Strings

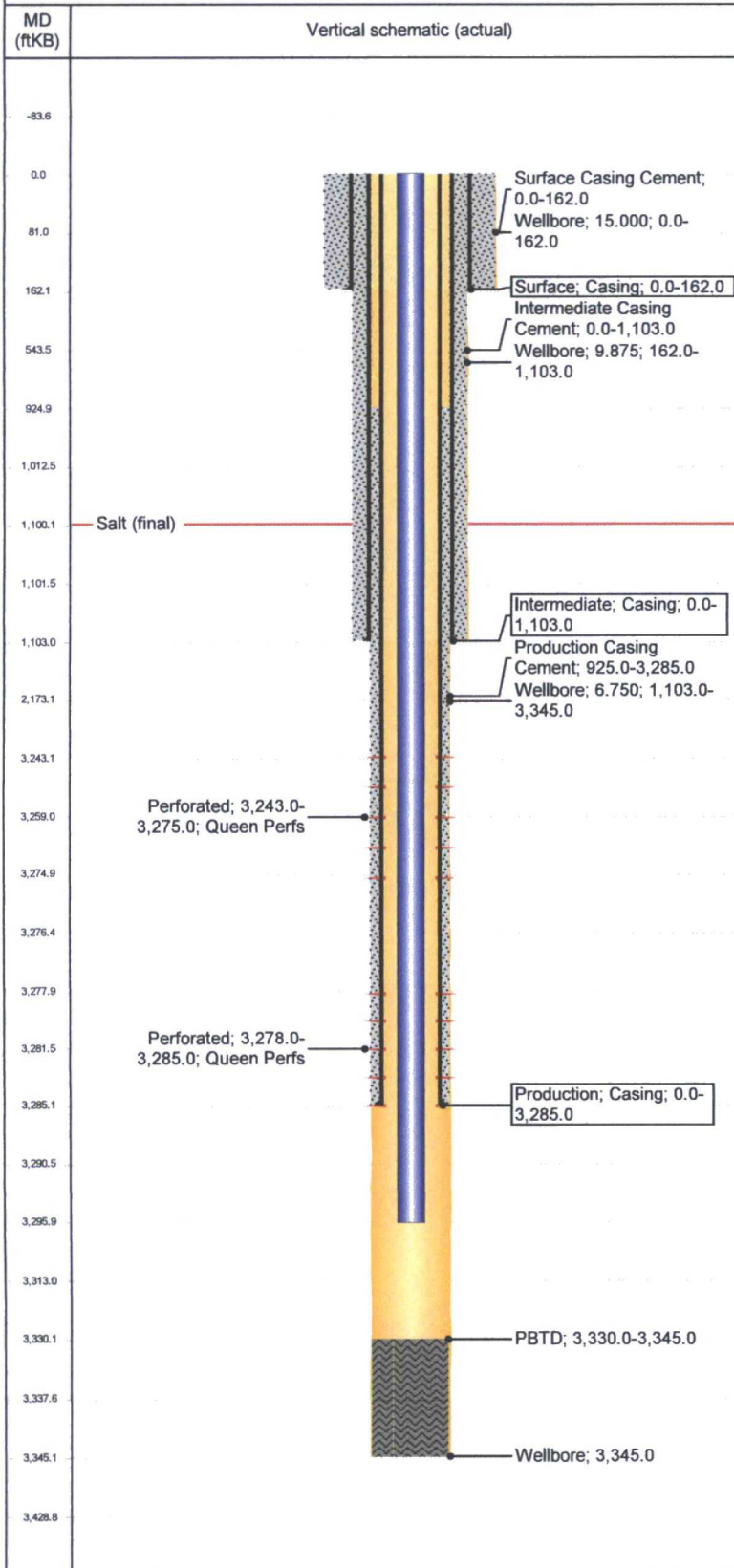
Tubing Description	Set Depth...	Run Date	Pull Date
Tubing	3,296.0	9/13/2012	

Perforations

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

Formations

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





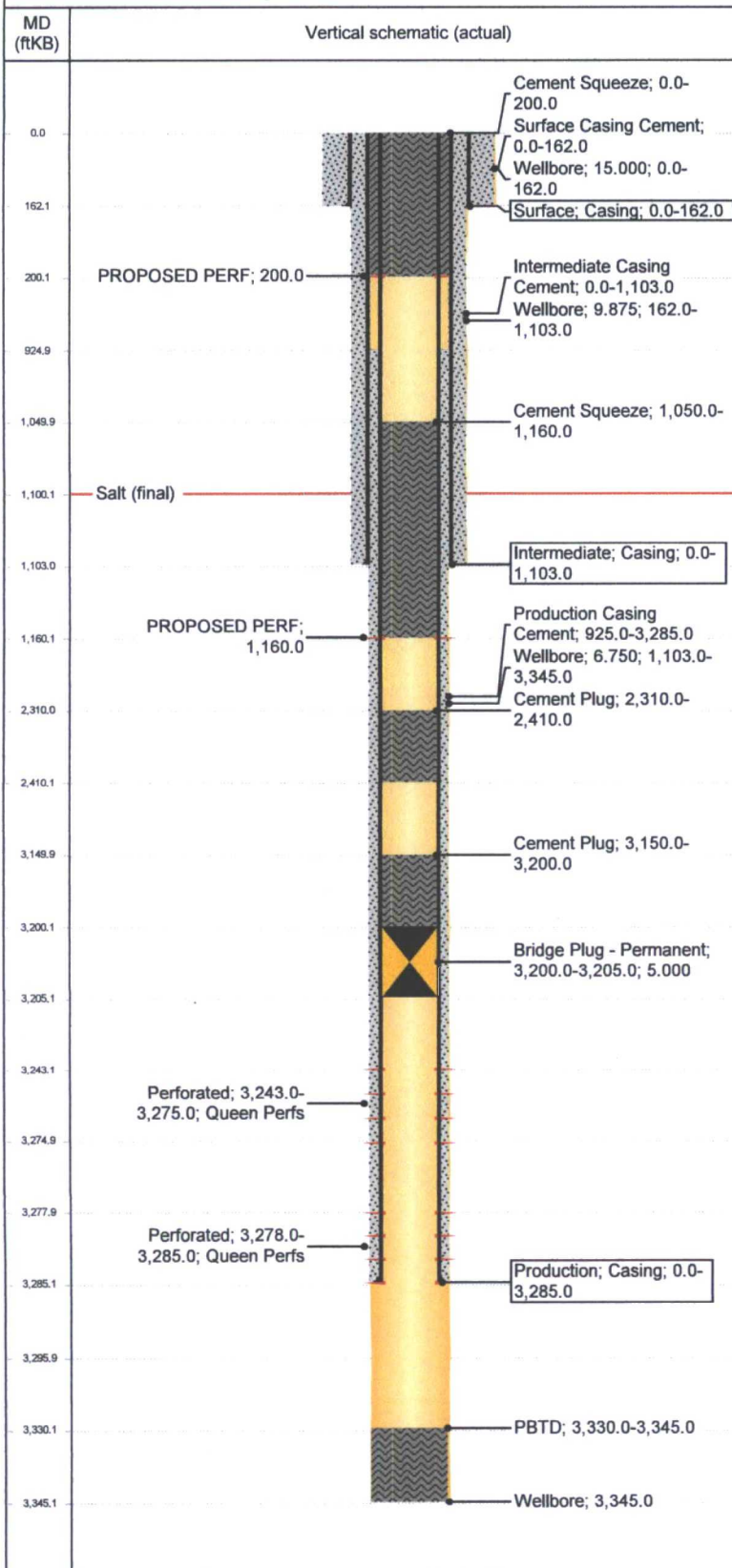
NM Schematic

Well Name: **LANGLIE MATTIX QUEEN UNIT 40**

API/UWI 3002511688	Field Name PBNM - HUMPHREY-LANGLIE-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, 2/9/2017 5:28:10 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...	W/Len (L...	String Grade	Run Date
Surface	162.0	10 3/4	10.192	32.75		
Intermediate	1,103.0	7 5/8	6 31/32	26.40		
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		Comment PBTD at 3330'
Cement Plug	3,150.0	3,200.0		Comment PROPOSED - Cap CIBP with 50' cmt
Cement Plug	2,310.0	2,410.0		Comment PROPOSED - Spot 25 sks at 2410'-2310'.
Cement Plug	1,050.0	1,160.0		Comment PROPOSED - Perf csg at 1160'. Sqz 25 sks cmt at 1160'-1050'. WOC and Tag.
Cement Plug	0.0	200.0		Comment PROPOSED - Perf csg at 200'. Sqz 50 sks cmt at 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		PROPOSED - Set CIBP at 3200' and cap with 50' cmt.

Formations

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