

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
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505
 MAR 06 2017

WELL API NO. 30-025-11539
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 008
9. OGRID Number 269324
10. Pool name or Wildcat Langlie Mattix 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 M... : 990 feet from the South line and 330 feet from the West line
 Section 11 Township 24S 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

REMEDIAL WORK ☐
 COMMENCE DRILLING OPNS. ☐
 CASING/CEMENT JOB ☐
 INT TO PA Pm
 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 #008 in Lea County, NM.

1. Notify OCD prior to rig up.
2. MIRU P&A rig.
3. Set CIBP at 3240'. Cap with 50' cmt w/ bailer or 25 sks w/ tbg.
4. Circulate well with mud laden fluid. Spot 25 sks cmt at 2320'-2220'. * pressure test csg
5. Perf csg at 1100'. Sqz 30 sks cmt at 1100'-975'. 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 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 W. Latham TITLE Petroleum Engr. Specialist DATE 03/07/2017
 Conditions of Approval (if any):



NM Schematic

Well Name: **LANGLIE MATTIX QUEEN UNIT 8**

API/UWI 3002511539	Field Name PBNM - HUMPHREY-LANGLIE-LEO	County Lea	State/Province NM	Section 11	Township 025-S	Range 037-E	Survey	Block
Ground Elevation (ft) 3,120.00	Orig KB Elev (ft) 3,120.00	KB-Grd (ft) 0.00	Initial Spud Date 10/27/1937	Rig Release Date	TD Date	Latitude (") 32° 8' 24.841" N	Longitude (") 103° 8' 27.874" W	Operated? Yes

Original Hole, 2/13/2017 12:41:21 PM

Original Hole Data

Wellbores

North-South Distance (ft) 990.0	NS Flag FSL	East-West Distance (ft) 330.0	EW Flag FWL
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Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (L)	String Grade	Run Date
Conductor	193.0	10 3/4	10.05	40.50	J-55	10/27/1937
Surface	1,046.0	7 5/8	6 31/32	26.40	J-55	11/1/1937
Production	3,287.0	5 1/2	4.892	17.00	J-55	11/22/1937

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Conductor Cement	0.0	193.0		Cmt'd w/ 200 sxs. TOC calc assuming 1.32 yield, 75% efficiency.
Surface Casing Cement	0.0	1,046.0		Cmt'd w/ 350 sxs. TOC calc assuming 1.32 yield, 75% efficiency.
Production Casing Cement	916.0	3,287.0		Cmt'd w/ 200 sxs. TOC calc assuming 1.32 yield, 75% efficiency.

Tubing Strings

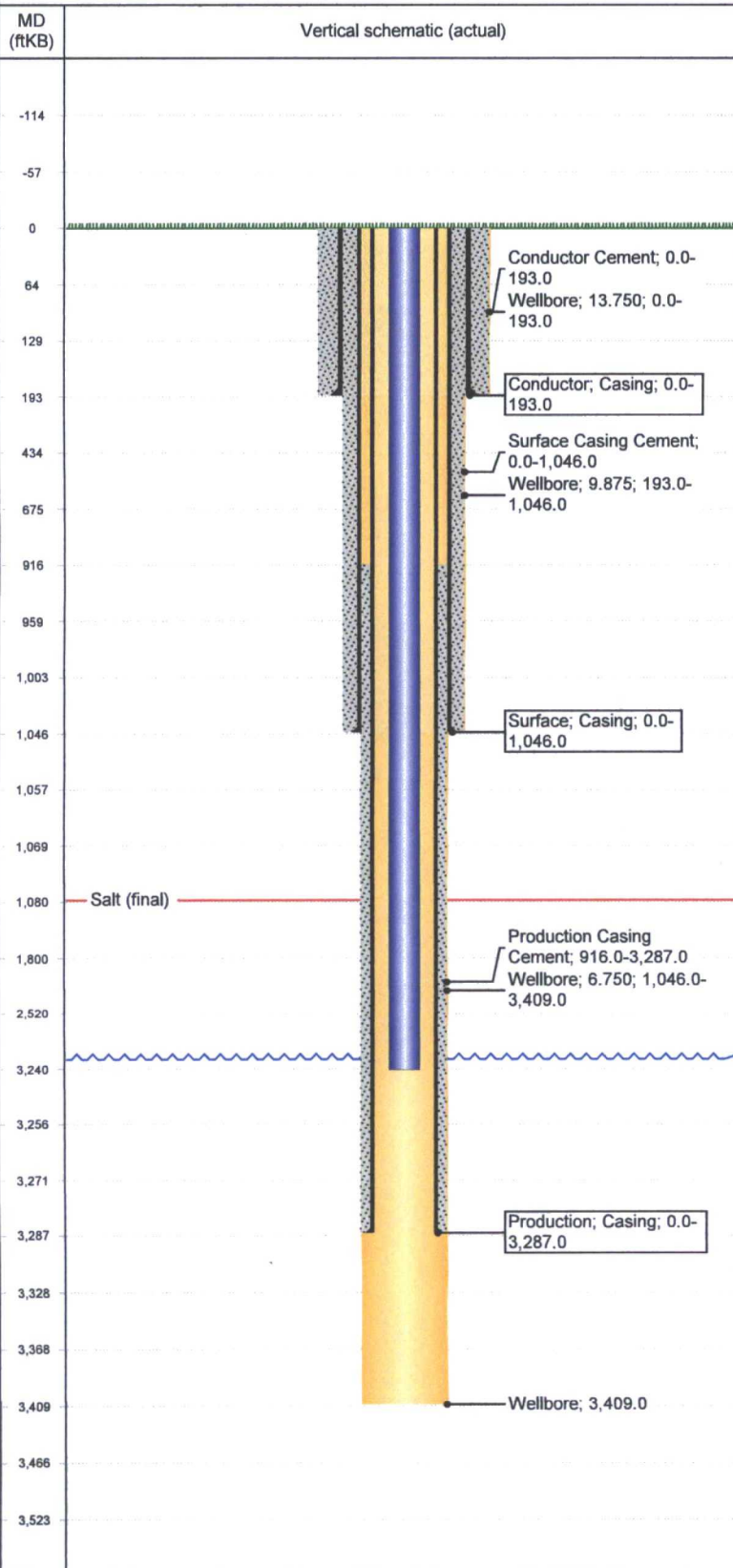
Tubing Description	Set Depth...	Run Date	Pull Date
Tubing	3,240.0		

Perforations

Top (ftKB)	Btm (ftKB)	Comment

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	1,080.0	2,320.0	





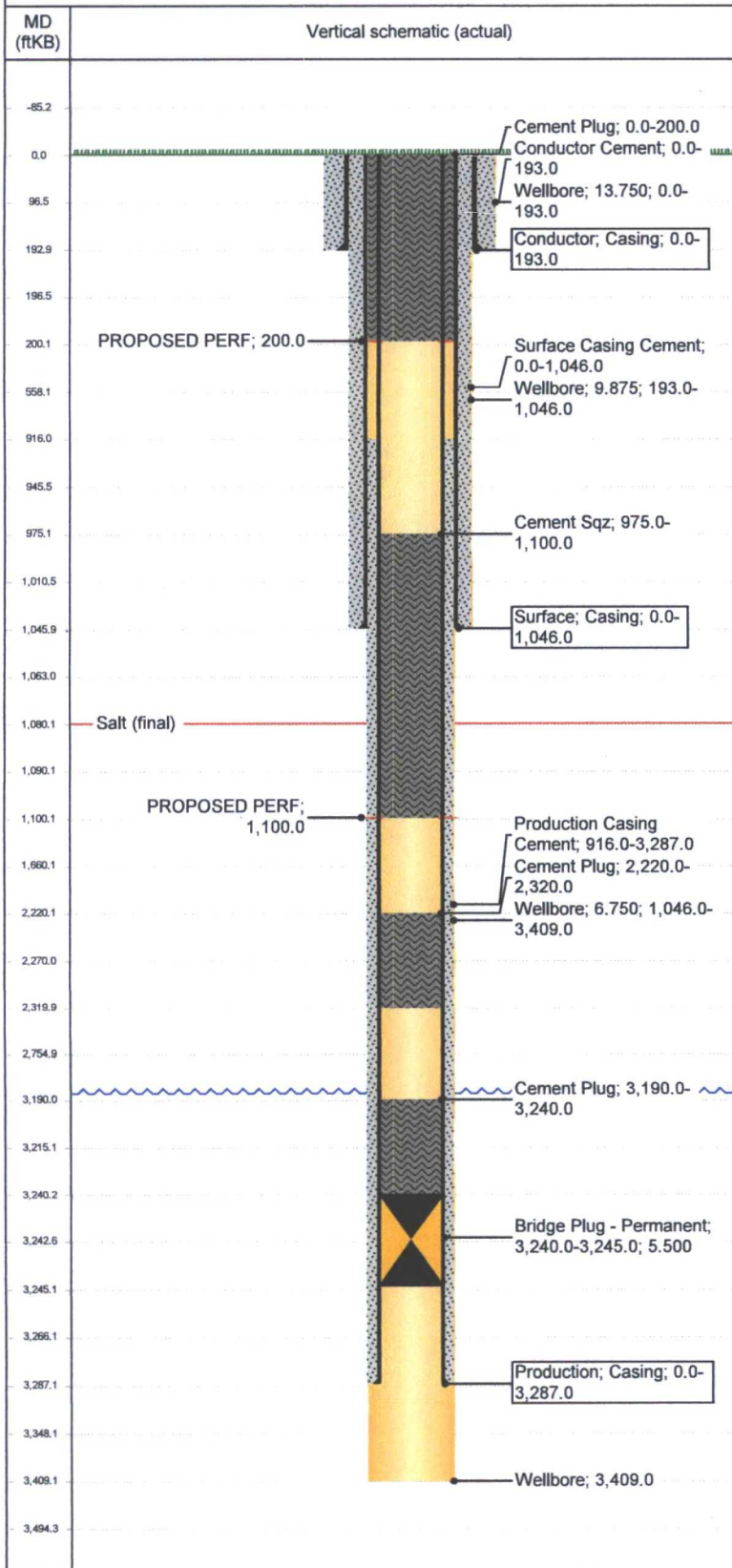
NM Schematic

Well Name: **LANGLIE MATTIX QUEEN UNIT 8**

API/UWI 3002511539	Field Name PBNM - HUMPHREY-LANGLIE-LEO	County Lea	State/Province NM	Section 11	Township 025-S	Range 037-E	Survey	Block
Ground Elevation (ft) 3,120.00	Orig KB Elev (ft) 3,120.00	KB-Grd (ft) 0.00	Initial Spud Date 10/27/1937	Rig Release Date	TD Date	Latitude (") 32° 8' 24.841" N	Longitude (") 103° 8' 27.874" W	Operated? Yes

Original Hole, 2/13/2017 12:57:39 PM

Original Hole Data



Wellbores						
North-South Distance (ft) 990.0		NS Flag FSL	East-West Distance (ft) 330.0		EW Flag FWL	
Casing Strings						
Csg Des Conductor	Set Dept... 193.0	OD Nom... 10 3/4	ID Nom... 10.05	Wt/Len (L... 40.50	String Grade J-55	Run Date 10/27/1937
Csg Des Surface	Set Dept... 1,046.0	OD Nom... 7 5/8	ID Nom... 6 31/32	Wt/Len (L... 26.40	String Grade J-55	Run Date 11/1/1937
Csg Des Production	Set Dept... 3,287.0	OD Nom... 5 1/2	ID Nom... 4.892	Wt/Len (L... 17.00	String Grade J-55	Run Date 11/22/1937

Cement Stages				
Description Cement Plug	Top (ftKB) 3,190.0	Btm (ftKB) 3,240.0	Eval Method	Comment PROPOSED - Set CIBP at 3240' and cap with 50' cmt.
Description Cement Plug	Top (ftKB) 2,220.0	Btm (ftKB) 2,320.0	Eval Method	Comment PROPOSED - Spot 25 sks cmt at 2320'-2220'
Description Cement Plug	Top (ftKB) 975.0	Btm (ftKB) 1,100.0	Eval Method	Comment PROPOSED - Perf and Sqz 30 sks cmt at 1100'-975'
Description Cement Plug	Top (ftKB) 0.0	Btm (ftKB) 200.0	Eval Method	Comment PROPOSED - Perf & Sqz 50 sks cmt at 200'-surface.
Description Conductor Cement	Top (ftKB) 0.0	Btm (ftKB) 193.0	Eval Method	Comment Cmt'd w/ 200 sxs. TOC calc assuming 1.32 yield, 75% efficiency.
Description Surface Casing Cement	Top (ftKB) 0.0	Btm (ftKB) 1,046.0	Eval Method	Comment Cmt'd w/ 350 sxs. TOC calc assuming 1.32 yield, 75% efficiency.
Description Production Casing Cement	Top (ftKB) 916.0	Btm (ftKB) 3,287.0	Eval Method	Comment Cmt'd w/ 200 sxs. TOC calc assuming 1.32 yield, 75% efficiency.

Tubing Strings			
Tubing Description Tubing	Set Depth... 3,240.0	Run Date	Pull Date

Perforations		
Top (ftKB) 200.0	Btm (ftKB) 200.0	Comment
Top (ftKB) 1,100.0	Btm (ftKB) 1,100.0	Comment

Other In Hole				
Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Bridge Plug - Permanent	3,240.0	3,245.0		PROPOSED - Set CIBP at 3240' and cap with 50' cmt

Formations			
Formation Salt	Final Top... 1,080.0	Final Btm... 2,320.0	Comment