

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-025-23395

5. Indicate Type of Lease

STATE ☒ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Humphrey Queen Unit

8. Well Number 27

9. OGRID Number

269324

10. Pool name or Wildcat

Langlie Mattix; 7 RVR-S-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 Int.

2. Name of Operator

Linn Operating, Inc.

3. Address of Operator

600 Travis, Suite 1400, Houston, Texas 77002

4. Well Location

Unit Letter H : 1570 feet from the N line and 9990 feet from the E line
Section 4 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

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 09/29/2017

SUBSEQUENT REPORT OF:

L WORK ☐ ALTERING CASING ☐
CE DRILLING OPNS. ☐ P AND A ☒
EMENT JOB ☐

INT TO PA

P&A NR Pm

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 a final plug and abandonment report for the HQU #27 well in Lea County, NM

09/26/2016 MIRU plugging equipment, dug out cellar, ND WH. NU BOP. Released pkr, POOH w/53 stands of 2-3/8" tbg
09/27/2016 Set 4-1/2" CIBP @ 3300'. Cir hole w/54 bbls of mud laden fluid. Csg would not pressure up. Spot'd 25 sx
Class C cmt @ 3300'-2938'. WOC (per Mark Whitaker w/OCD request). Tag'd plug @ 3050'. RIH w/packer
to 30', csg held 500 psi. Spot'd 25 sx class C cmt @ 2625'-2263'. Perf'd csg @ 1125', pressured up on perfs.
Spot'd 25 sx class C cmt @ 1175'-813'. WOC.09/28/2016 Tag'd plug @ 928'. Perf'd csg @ 200'. ND BOP. Pump'd 20 bbls water to break circ, failed. Sqz'd 45 sx class
C cmt @ 400' to surface. Cmt would not circulate. Stood on standby for 2 hrs (per Mark Whitaker w/OCD's
request). Spotted 5 sx class C cmt & filled the 4-1/2"-8-5/8" annulus. RD and moved off.09/30/2016 Moved in backhole and welder. Dug out cellar. Cut off WH. Welded on "Above Ground Dry Hole Marker".
Backfilled cellar. Cut off deadmen. Cleaned location, moved off.

FINAL PLUG AND ABANDONMENT OPERATIONS WERE COMPLETED ON 09/30/2016

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 Mgr.DATE 03/31/2017

Type or print name

E-mail address:

PHONE:

For State Use Only

APPROVED BY:

TITLE P.E.S.DATE 04/04/2017

Conditions of Approval (if any):

NM Schematic

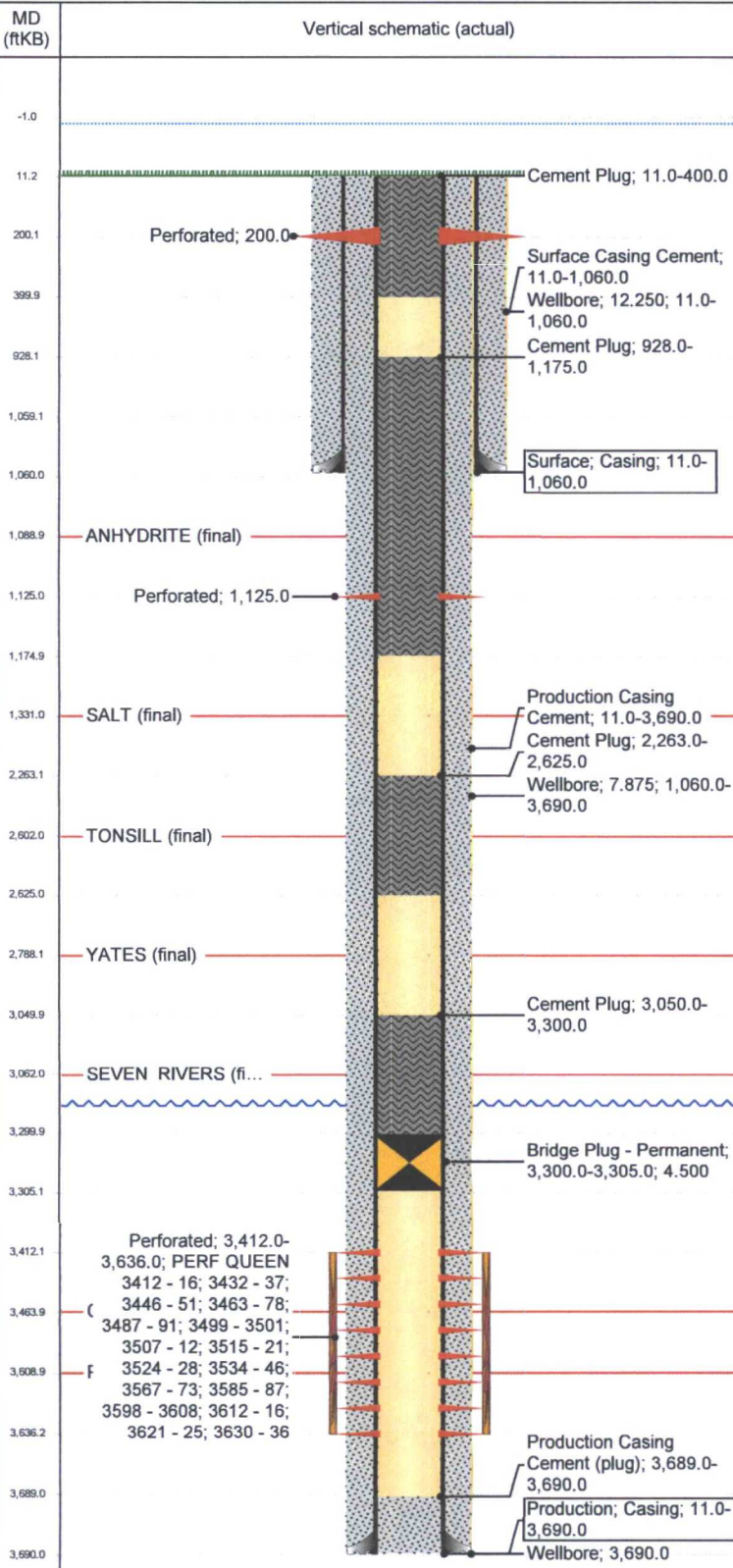
Well Name: HUMPHREY QUEEN UNIT 27

API/UMI 3002523395	Field Name PBNM - HUMPHREY-LEO-LEO	County Lea	State/Province NM	Section 4	Township 025-S	Range 037-E	Survey	Block
Ground Elevation (ft) 3,179.00	Orig KB Elev (ft) 3,190.00	KB-Grd (ft) 11.00	Initial Spud Date 2/24/1970	Rig Release Date	TD Date 3/6/1970	Latitude (") 32° 9' 43.899" N	Longitude (") 103° 9' 44.56" W	Operated? Yes

Original Hole, 10/14/2016 2:06:46 PM

Original Hole Data

Wellbores						
North-South Distance (ft)		NS Flag		East-West Distance (ft)		EW Flag
Casing Strings						
Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (L	String Grade	Run Date
Surface	1,060.0	8 5/8		20.00		2/26/1970
Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (L	String Grade	Run Date
Production	3,690.0	4 1/2	4.09	9.50	J-55	3/6/1970
Cement Stages						
Description	Top (ftKB)	Btm (ftKB)	Eval Method		Comment	
Cement Plug	3,050.0	3,300.0			Cap CIBP w 25 sks cmt. Tag TOC at 3050	
Description	Top (ftKB)	Btm (ftKB)	Eval Method		Comment	
Cement Plug	2,263.0	2,625.0			Spot 25 sks cmt	
Description	Top (ftKB)	Btm (ftKB)	Eval Method		Comment	
Cement Plug	928.0	1,175.0			Perf csg at 1125'. Pressured up on perms. Spot 25 sks cmt 1175'-928' (TOC tagged)	
Description	Top (ftKB)	Btm (ftKB)	Eval Method		Comment	
Cement Plug	11.0	400.0			Perf csg at 200'. Sqz 45 sks cmt 400' to surface. Topped off well with 5 sks cmt.	
Description	Top (ftKB)	Btm (ftKB)	Eval Method		Comment	
Surface Casing Cement	11.0	1,060.0			CEMENT W/ 500 SXS CLASS 'H', 8% GEL & 1/4#/SX FLOCELE FOLLOWED BY 200 SXS REGULAR & 2% CACL. CEMENT CIRCULATED 150 SXS	
Description	Top (ftKB)	Btm (ftKB)	Eval Method		Comment	
Production Casing Cement	11.0	3,690.0			CEMENT W/ 600 SXS CLASS 'C', 8% GEL & 1/4#/SX FLOCELE FOLLOWED BY 150 SXS CLASS 'C' NEAT. CEMENT CIRCULATED	
Tubing Strings						
Tubing Description		Set Depth...	Run Date	Pull Date		
Tubing - Production		3,330.0	3/13/1970	7/1/2016		
Perforations						
Top (ftKB)	Btm (ftKB)	Comment				
200.0	200.0					
Top (ftKB)	Btm (ftKB)	Comment				
1,125.0	1,125.0					
Top (ftKB)	Btm (ftKB)	Comment				
3,412.0	3,636.0	PERF QUEEN 3412 - 16; 3432 - 37; 3446 - 51; 3463 - 78; 3487 - 91; 3499 - 3501; 3507 - 12; 3515 - 21; 3524 - 28; 3534 - 46; 3567 - 73; 3585 - 87; 3598 - 3608; 3612 - 16; 3621 - 25; 3630 - 36				
Other In Hole						
Des	Top (ftKB)	Btm (ftKB)	Run Date		Com	
Bridge Plug - Permanent	3,300.0	3,305.0			Set CIBP at 3300'. Cap with 25 sks cmt.	
Formations						
Formation	Final Top...	Final Btm...	Comment			
ANHYDRITE	1,089.0					
Formation	Final Top...	Final Btm...	Comment			
SALT	1,331.0					
Formation	Final Top...	Final Btm...	Comment			
TONSILL	2,602.0					
Formation	Final Top...	Final Btm...	Comment			
YATES	2,788.0					
Formation	Final Top...	Final Btm...	Comment			
SEVEN RIVERS	3,062.0					
Formation	Final Top...	Final Btm...	Comment			
QUEEN	3,464.0					



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