

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

RECEIVED  
CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505  
SEP 29 2011

HOBBSOCD

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.)		WELL API NO. 30-025-09068
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other INJECTION <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator LINN OPERATING, INC.		6. State Oil & Gas Lease No. 309546
3. Address of Operator 600 TRAVIS, SUITE 5100, HOUSTON, TEXAS 77002		7. Lease Name or Unit Agreement Name SEVEN RIVERS QUEEN UNIT
4. Well Location Unit Letter <u>E</u> : 1980 feet from the <u>N</u> line and <u>660</u> feet from the <u>W</u> line Section <u>27</u> Township <u>22S</u> Range <u>36E</u> NMPM LEA County		8. Well Number: 005
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,503' GL		9. OGRID Number 269324
		10. Pool name or Wildcat EUNICE; SEVEN RIVERS-QUEEN, SOUTH

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: ☐

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.

PROPOSED P&A PROCEDURES:

RIH & TAG CMT OF TOP OF CIBP  
CIRC HOLE W/ MUD LADEN FLUID

SET 25SXS, PLUG @ 3,040' (COVERS 50' ABOVE & BELOW BASE OF SALT) ✓

WOC & TAG NO LOWER THAN 2,940'

SET 25 SXS PLUG @ 1,572'; CIRC CMT TO SURF (COVERS BOTH 50' BELOW THE BASE OF SALT & 50' BELOW THE BASE OF THE SURFACE CASING SHOE)

SET THE DRY HOLE MARKER & CU LOCATION

*Tag should be Above LINNER TOP (3375') Cmt Needs to be 3340' or higher*

The Oil Conservation Division Must be notified  
24 hours prior to the beginning of plugging operations.

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 28, 2011

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

For State Use Only

APPROVED BY:

*[Signature]*

TITLE

STAFF MGR

DATE

9-29-2011

Conditions of Approval (if any):

SEP 29 2011

# Wellbore Diagram

Lease & Well No.	Seven Rivers Queen Unit #5
Field Name	Eunice Seven Rivers Queen South
Location	1980' FNL & 660' FWL; T: 22S R 36E Sec: 27

Former Name	Shipley A#3
County & State	Lea County, New Mexico
API No.	30-025-09068

K.B. Elevation	
D.F. Elevation	
Ground Level	3,503'

Surface Casing				
Size (OD)	8 5/8"	Weight	32.0#	Depth
Grade	J-55	Sx. Cmt.	500 sx	TOC @
				Surface

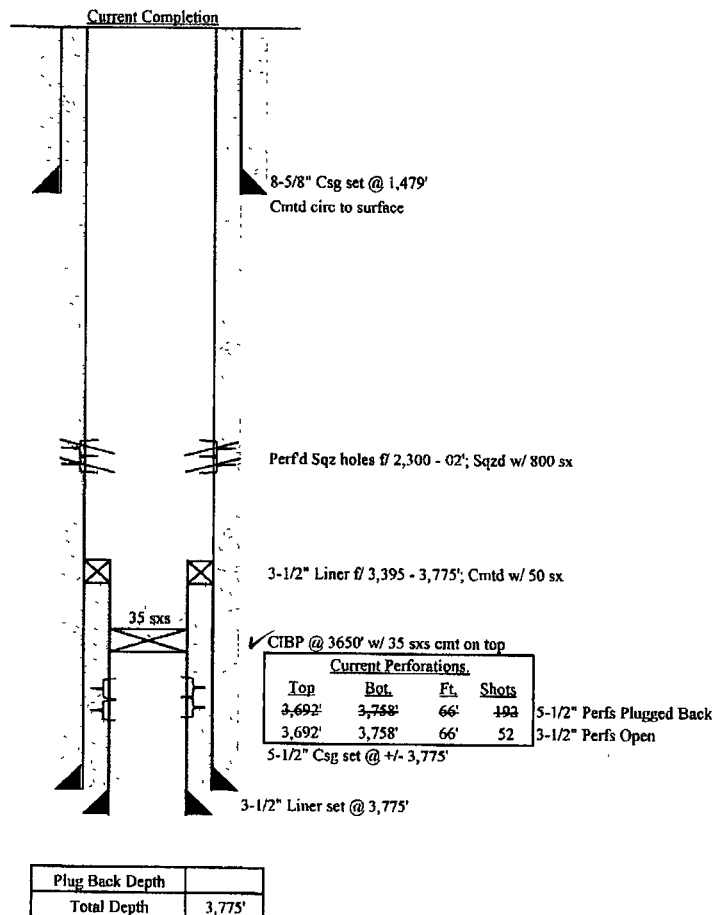
Production Casing				
Size (OD)	5 1/2"	Weight	14 0#	Depth
Grade	J-55	Sx. Cmt.	500 sx	TOC @
				Surface

Production Liner				
Size (OD)	3 1/2"	Weight		Depth
Grade		Sx. Cmt.	50 sx	TOC @
				3,395'

## Well History

3/27/56 - Spud well w/ 11" hole; Set 8-5/8" csg @ 1,479'; Cmt'd w/ 500 sx cmt; Ciro cmt to surf;  
4/6/56 - TD 7-7/8" hole @ 3,775'; Set 5-1/2" csg @ 3,775'; Cmt'd w/ 500 sx cmt;  
4/8/56 - Perf'd f/ 3,692' - 3,706', 3,710' - 24', 3,733' - 45' & 3,750' - 58' @ 4 spf (192 Holes); Ac'dz same w/ 250 gals mud acid; Frac'd same w/ 6,600 gals oil + 6,600# 20/40 sd;  
3/10/60 - put well on pump  
7/27/62 - well was re-frac'd, but no data to verify  
12/31/73 - POH w/ production eqmt and converted well to injection;  
10/18/79 - RIH w/ bit & scpr & tagged fill @ 3,751'; Cld out well to TD @ 3,768'; Perf'd well f/ 2,300' - 02', RIH w/ RBP & pkr & set same @ 3,216' & 2,231', respectively; Sqzd well w/ 800 sx cmt; Ciro 100 sx to pit; Drld out cmt & POH w/ RBP; RIH w/ 4-3/4" bit & drld to 3,778'; RIH w/ 3-1/2" liner & set f/ 3,395' - 3,775'; Cmt'd w/ 50 sx cmt; Drld out cmt f/ 3,272' - 3,395' (TOL); Ran CBL f/ 2,250' - 3,766' which showed good bond across liner; Perf'd Liner f/ 3,692' - 3,706', 3,710' - 24', 3,733' - 45' & 3,750' - 58' @ 1 spf (52 holes); Ac'dz same w/ 9,000 gals 15% HCl + 800# rock salt; Ran injection survey that indicated major 75% loss into 3,750' - 58' & 25% loss into 3,733' - 45'; no inj into perms f/ 3,692' - 3,706' & 3,710' - 24'; RIH w/ 5-1/2" x 3-1/2" dual pkrs & set same @ 3,366' & 3,559', respectively; put well back on injection  
5/18/98 - Cld out well to 3,775'; RIH w/ injection eqmt and put well on injection  
4/9/01 - POH w/ tbg & pkr; Tstd 9 bad jts; RIH w/ tbg & 5-1/2" pkr & set same @ 3,367'  
5/15/06 - POH w/ tbg & pkr; Drld on top of liner b/c did not know liner was in hole; RIH w/ lock set pkr & RBP & set same @ 3,355' & 3,324', respectively; POH w/ eqmt & RIH w/ pkrs and tbg; Set 5-1/2" pkr @ 3,355' & 3-1/2" cup type pkr @ 3,657'; Tested well, held ok; Returned well to injection  
9/13/2011 - Replace packing on WH. Test WH to 500 psi - Held OK.  
Set pkr @ 3361' & test csg to 580 psi - lost 560 psi in 5 mins.  
Set pkr @ 1718' & test csg to 580psi - lost 560 psi in 1 min  
Unset pkr & POOH. Change from 2-3/8" tbg to 2-7/8" tbg & RIH w/ 5-1/2" lok-set RBP, Arrow set pkr, picking up 2-7/8" tbg.  
Set RBP @ 3352', set pkr @ 3340'. Test csg to 580 psi - lost 480 psi in 15 mins.  
POOH, testing f/ csg leaks. Csg leak 97-128' 580 psi - lost 480 psi in 15 mins.  
POOH w/ pkr & RBP RIH w 3-1/2" csg scaper & tag up @ 3761'.



# Wellbore Diagram

Lease & Well No. Seven Rivers Queen Unit #5  
 Field Name Eunice Seven Rivers Queen South  
 Location 1980' FNL & 660' FWL; T. 22S R. 36E Sec: 27

Former Name Shipley A#3  
 County & State Lea County, New Mexico  
 API No. 30-025-09068

K.B. Elevation \_\_\_\_\_  
 D.F. Elevation \_\_\_\_\_  
 Ground Level 3,503'

Surface Casing				
Size (OD)	8 5/8"	Weight	32.0#	Depth
Grade	J-55	Sx. Cmt.	500 sx	TOC @
				Surface

Production Casing				
Size (OD)	5 1/2"	Weight	14.0#	Depth
Grade	J-55	Sx. Cmt.	500 sx	TOC @
				Surface

Production Liner				
Size (OD)	3 1/2"	Weight		Depth
Grade		Sx. Cmt.	50 sx	TOC @
				3,395'

## Proposed P&A Procedure

RIH & tag cmt on top of CIBP.

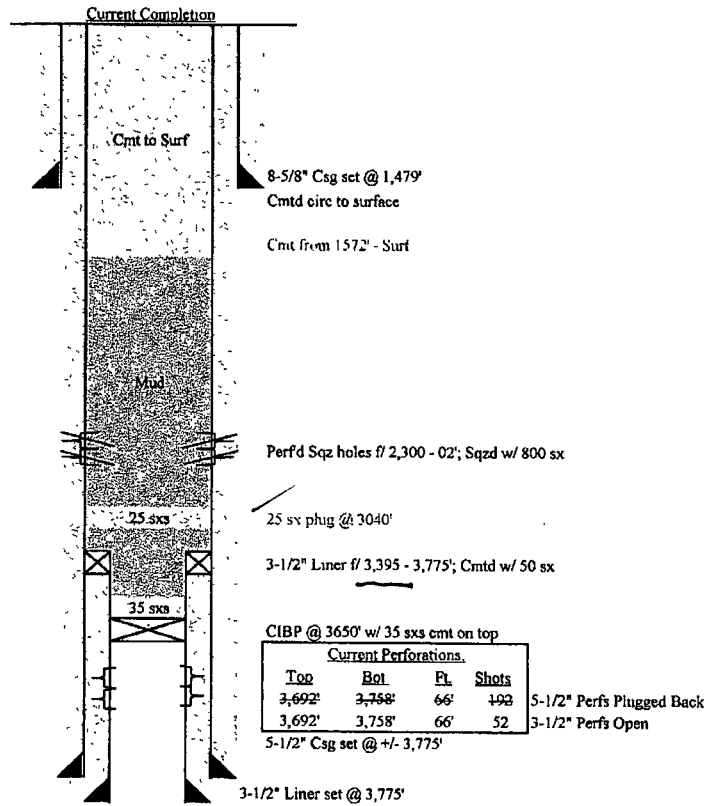
Circ hole with mud laden fluid.

Set 25 sx plug @ 3040' (covers 50' above & below base of salt).

WOC & tag no lower than 2940'.

Set 25 sx plug @ 1572' circulate cmt to surface (covers both 50' below the base of salt & 50' below the base of the surface csg shoe).

Set the dry hole marker & clean up location



Plug Back Depth	
Total Depth	3,775'