

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

**HOBBS OCD** State of New Mexico **HOBBS OCD**  
Energy, Minerals and Natural Resources  
**OCT 2 - 2011** **OCT 20 2011**  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505  
**RECEIVED** **RECEIVED**

Form C-103  
October 13, 2009

WELL API NO 30-025-09239	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name SEVEN RIVERS QUEEN UNIT	
8. Well Number: 052	
9. OGRID Number 269324	
10. Pool name or Wildcat EUNICE;SEVEN RIVERS-QUEEN, SOUTH	
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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other INJECTION	
2. Name of Operator LINN OPERATING, INC.	
3. Address of Operator 600 TRAVIS, SUITE 5100, HOUSTON, TEXAS 77002	
4. Well Location Unit Letter _____ H: 1980 feet from the _____ N line and _____ 660 feet from the _____ E line Section 03 Township 23S Range 36E 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

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: RETURN TO INJECTION ☒

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

PLEASE SEE ATTACHED

WFX-589  
R-4589

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: OCTOBER 13, 2011

Type or print name TERRY B. CALLAHAN E-mail address: tcallahan@linnenergy.com PHONE: 281-840-4272  
For State Use Only

APPROVED BY [Signature] TITLE: STATE MGR DATE: 10-27-2011  
Conditions of Approval (if any):

SEVEN RIVERS QUEEN UNIT #52  
SUBSEQUENT SUNDRY ITEM # 13  
API #30-025-09239

9/15/11 – MI RU PU

9/16/11 – NDWH. NUBOP & catch pan. Pkr would not move up hole, move dwn hole 4', stop moving. Work w/pkr for 1-1/2 hrs. Rls on-off tool. SDFN.

9/19/11 – RIH w/ 3 3/4" OS bumper sub jars, 6 – 3-1/8" DCs, accarater sub, PU 2-3/8" tbg. Latch on to pkr jar, pkr free. POH, LD DC's & pkr. Set RBP @ 3,493', set pkr at 3,483'. SDFN.

9/20/11 – RU pump trk. Test RBP to 1000 psi. OK. Tsted csg – leaking. Circ up 8-6/8" csg. POH testing f/ csg leaks. Csg leaking 1 1/2' fr surface. RD pump trk. Dug out wellhead. SDFN.

9/21/11 – ND catch pan, BOP & WH. Cut 8-5/8" off, 2' 4 1/2" csg off, welded 2' new 4 1/2" csg on. NUWH, BOP & catch pan. RU pump trk, tested csg 520 psi, lost 20 psi in 30 mins. OK. RD pump trk, RIH w/ retrieving tool f/RBP. Latch on RBP, unset. POH LD 2-3/8" tbg & BOP. SIFN.

9/22/11 -- RU tbg testers. RIH w/ 4 1/2" Arrow set pkr – T-2 on-off tool w/ 1.50 "F" profile, 2 3/8" IPC tbg, testing to 4000 psi. RD tbg testers. Set pkr @ 3,502'. RU pmp truck, test csg & pkr to 500 psi f/ 30 min. OK. Rlse on-off tool. Circ 65 bbls pkr fluid, latch on pkr. ND catch pan & BOP. NUWH w/ 17,000# tension on pkr. Tested csg 520 psi, lost 60 psi in 30 min. SIFN.

9/23/11 – RU pump trk. tested csg 560 psi, lost 60 psi in 30 min. Bled csg off, lots of air pressure. Csg 540 psi, lost 20 psi in 30 mins. RD pump truck. RDPUMO.

9/28/11 – RTI w/ MIT witnessed by Mark Whitaker of the OCD. 410 psi

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## Wellbore Diagram

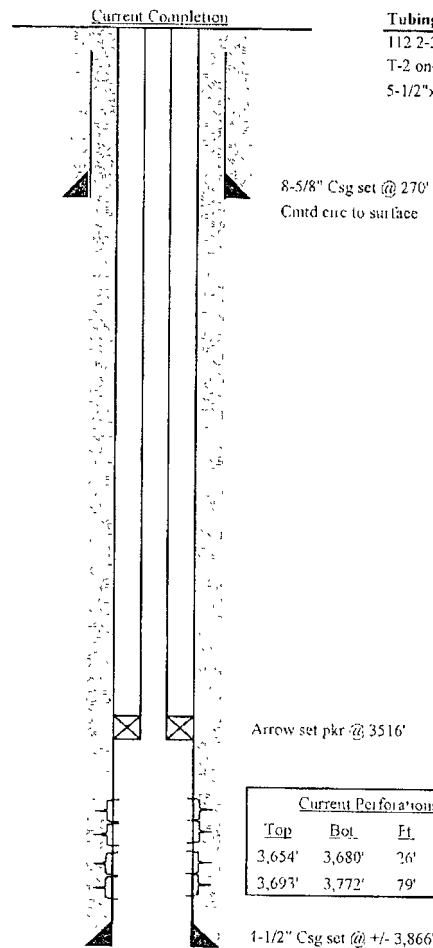
Lease & Well No	Seven Rivers Queen Unit #52
Field Name	Eunice Seven Rivers Queen South
Location	1980' EN1 & 660' FEL, T 23S R. 36E Sec. 3
K.B. Elevation	3,499'
D.F. Elevation	
Ground Level	3,476'

Former Name	Sinclair State B #12
County & State	Lea County, New Mexico
API No.	30-025-09239

Surface Casing					
Size (OD)	8 5/8"	Weight	24.0#	Depth	270'
Grade	Unknown	Sx. Cmt	150 sx	LOC @	Surface
Intermediate Casing					
Size (OD)	n/a	Weight		Depth	
Grade		Sx. Cmt		LOC @	
Production Casing					
Size (OD)	4 1/2"	Weight		Depth	3,866'
Grade	J-55	Sx. Cmt	1635 sx	LOC @	Surface

## Well History

10/14/60 - Spud well w/ 11" hole, Set 8-5/8" csg @ 270', Cmt'd w/ 200 sx cmt; Circ cmt to surface  
 9/27/60 - TD 6-3/4" hole @ 3,867' Set 4-1/2" csg @ 3,866', Cmt'd w/ 1,635 sx cmt; Circ to surface  
 9/29/60 - Perfd @ 3,654 - 60', 3,666 - 72' & 3,676 - 80' @ 2 spf (32 holes) Spotted 500 gals mud acid, Trtd same w/ 20,000 gals oil + 23,200# sd, Put well on production  
 1/23/75 - POH w/ rods and thg, RHH w/ bit & sepr to 3,820', Perfd well @ 1 spf @ 3,693' 94', 3,736', 37', 52', 55', 59', 61', 64', 69', 70' & 72' (13 holes), Acidz same w/ 1,500 gals 15% NEFE HCl + 20 BS, Put well back on production  
 11/4/82 - Thg parted when pulling out of hole, Burned over fish to 3,839', RHH w/ pkr & set same at 3,710', Acidz below pkr w/ 1,500 gals 15% NEFE HCl + 20 BS, Frac'd same w/ 10,000 gals X-link gel + 15,500# 20/40 sd + 10,000# 10/20 sd, put well back on production  
 12/28/89 - POH & LD rods & thg, RHH w/ pki & set same @ 3,535' Acidz below pkr w/ 5,000 gals 15% NEFE HCl + 1,100# Rock salt, POH w/ trng pki & RHH w/ 4-1/2" injection pkr Set same at 3,493' & put well on injection  
 2/7/01 - POH w/ thg, Replaced 22 bad jts, Tested backside, held ok, Put well back on injection  
 9/15/2011 - POOH w/ pki RHH & set RBP @ 3493', set pkr @ 3483' Test csg - leaking  
 Circ up 8-5/8" csg, POOH testing if csg leaks Csg leak 1-1/2" from surface  
 Dug out wellhead Welder cut 2' 8-5/8" off & 2' 4-1/2" csg off Welded 2' new 4-1/2" csg on.  
 Tested csg to 520 psi, lost 20 psi in 30 mins - OK RD pump trk & POOH w/ RBP & thg  
 RU thg testers & RHH w/ 4-1/2" pki, T-2 on/off tool & 2-3/8" thg testing to 1000# psi  
 RHH & set pki @ 3502' RU pump trk & test csg & pki to 500 psi @ 50 mins - OK  
 Release on/off tool, circ 65 bbls p/a fld Latch on to pkr ND catch pen & BOP  
 NU well head w/ 17,000# tension on pki Test csg to 560 psi, lost 60 psi in 30 min  
 RU pump trk & test csg to 560 psi, low 60 psi in 30 mins, Bleed csg pressure off  
 Csg - 510 psi lost 20 psi in 30 mins RD pump trk  
 RHH w/ thg & pki



## Tubing Detail: (9/23/2011)

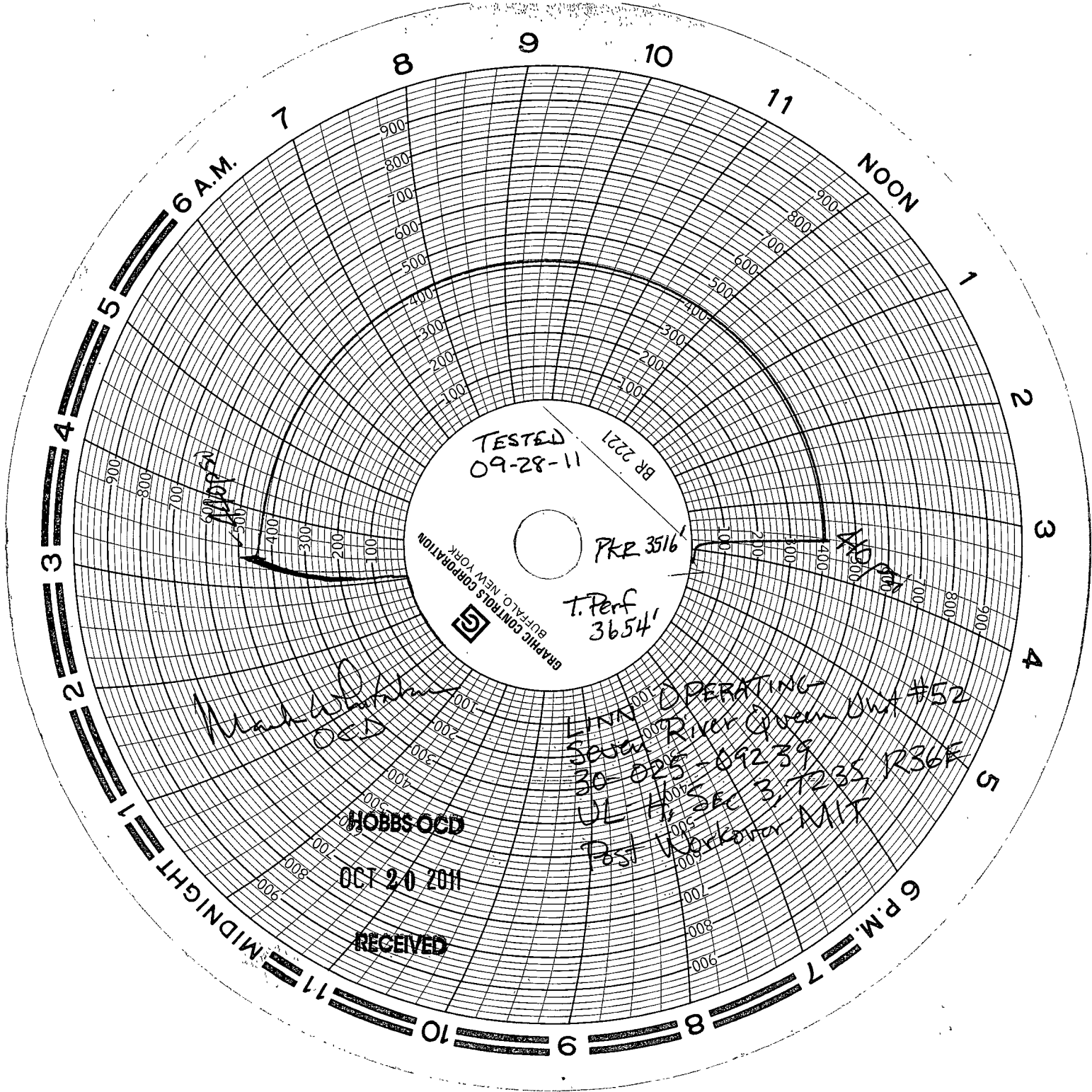
112 2-3/8" IPC Tbg set @ 3507'  
 T-2 on-off tool w/ 1 50 "T" profile set at 3509'  
 5-1/2"x2-3/8" Arrow set pkr @ 3516

Current Perforations			
Top	Bot.	Et.	Shots
3,654'	3,680'	26'	32
3,693'	3,772'	79'	13

1-1/2" Csg set @ +/- 3,866'

Plug Back Depth	3,820'	1/23/1975
Total Depth	3,865'	

Formation Record	Depth
Anhydrite	1,349'
T/ Salt	1,509'
B/ Salt	2,878'
Yates	3,026'
Seven Rivers	3,230'
Queen	3,664'



TESTED  
09-28-11

BR 2221

PKR 3516'

T. Perf  
3654'

GRAPHIC CONTROLS CORPORATION  
BUFFALO, NEW YORK



*Handwritten signature*  
OCD

HOBBS OCD

OCT 20 2011

RECEIVED

OPERATING  
LINN River Queen Unit #52  
30-025-09239  
UL H. SEC 3, T23S, R36E  
Post Workover MIT

## **Gonzales, Elidio L, EMNRD**

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**From:** Warnell, Terry G, EMNRD  
**Sent:** Thursday, October 27, 2011 9:53 AM  
**To:** tcallahan@linnenergy.com  
**Cc:** Gonzales, Elidio L, EMNRD  
**Subject:** FW: Unitized Interval for the SRQU #52 Letter

Good Morning Terry,

I'm please to inform you the new requested packer depth has be approved and has been posted on the web under WFX-589 or API 30-025-09239

[http://ocdimage.emnrd.state.nm.us/Imaging/FileStore/santafeadmin/ao/203663/pdev0020600589\\_4\\_ao.tif](http://ocdimage.emnrd.state.nm.us/Imaging/FileStore/santafeadmin/ao/203663/pdev0020600589_4_ao.tif)

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**From:** Warnell, Terry G, EMNRD  
**Sent:** Wednesday, October 26, 2011 9:22 AM  
**To:** 'Terry Callahan'  
**Subject:** RE: Unitized Interval fro the SRQU #52 Letter

Got it  
Thank you

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**From:** Terry Callahan [<mailto:TCallahan@linnenergy.com>]  
**Sent:** Wednesday, October 26, 2011 9:19 AM  
**To:** Warnell, Terry G, EMNRD  
**Subject:** Unitized Interval fro the SRQU #52 Letter

Good Morning Mr. Warnell,

Attached, please find the letter from our Geologist which you requested. I will put the original in the mail. Please let me know you received this. Thank you, Terry

*Terry B. Callahan*  
*LINN Energy*  
*600 Travis St., Suite 5100*  
*Houston, TX 77002*  
*(281) 840-4272 (Office)*  
*(281) 546-4747 (Cell)*  
[tcallahan@linnenergy.com](mailto:tcallahan@linnenergy.com)

**Gonzales, Elidio L, EMNRD**

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**From:** Terry Callahan [TCallahan@linnenergy.com]  
**Sent:** Thursday, October 27, 2011 10:02 AM  
**To:** Gonzales, Elidio L, EMNRD  
**Subject:** SRQU #52  
**Attachments:** SEVEN RIVERS QUEEN UNIT WOODFLOOD PROJECT.pdf  
  
**Importance:** High

Good Morning E. L.

Attached please find a copy of the letter from Jami Bailey approving the packer setting of the SRQU #52 at 3,516'. Please let me know when we will be able to open the well back up.

Thank you,

Terry

*Terry B. Callahan  
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