

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTOCD Artesia  
**RECEIVED**

AUG 07 2013

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**5. Lease Serial No.  
~~NMNM101360X~~ NM71796

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
NORTH SQUARE LAKE UNIT 2009. API Well No.  
30-015-3304810. Field and Pool, or Exploratory  
SQUARE LAKE-GB-SA11. County or Parish, and State  
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
BOAZ ENERGY LLCContact: JOEL HALE  
E-Mail: JHALE@boazenergy.com3a. Address  
PO BOX 50595  
MIDLAND, TX 797103b. Phone No. (include area code)  
Ph: 432-253-70744. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 29 T16S R31E 1100FSL 110FEL

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletable horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Boaz Energy recompleted this well in the Grayburg and San Andres formations.

Work commenced on 5/17. A dailey workover report and well bore diagram is attached.

Recompletions consisted of perforating and fracture treating.

Lovington:

Perforated 3515-3152 with 104 total perforations at 0.42" dia.

Treated with 1500 gallons 15% HCl + 1656 bbl Slickwater with 2500# 100mesh + 30300# 20/40

Grayburg:

Perforated 3381-3428 with 188 total perforations at 0.42" dia.

FILED FOR RECORD

AUG 3 2013

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

Accepted for record

LRDdenNMCCD 8/7/2013

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #213677 verified by the BLM Well Information System  
For BOAZ ENERGY LLC, sent to the Carlsbad  
Committed to AFMSS for processing by JOHNNY DICKERSON on 07/18/2013 ()

Name (Printed/Typed) JOEL HALE

Title ENGINEER

Signature (Electronic Submission)

Date 07/16/2013

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

## **Additional data for EC transaction #213677 that would not fit on the form**

### **32. Additional remarks, continued**

Treated with 3500 gallons 15% HCl + 4062 bbl Slickwater with 5000# 100mesh + 58000# 20/40 + 48000# 16/30.

Grayburg:

Perforated 3194-3247 with 268 total perforations at 0.42" dia.

Treat with 1764 gallons 15% HCl + 1798 bbl Slickwater with 3000# 100mesh + 36250# 20/40 + 7500# 16/30.

Production after frac: 23 oil / 35 water

NSLU 200  
API 30-015-33048  
Eddy Co, NM  
Lease #: NM71796

5/17/13 – RU on 200. POOH Rods and pump. Pump has lots of paraffin. TOOH tubing. RIH bit and scraper to 3456. TOOH bit and scraper, drop scraper, RIH bit.

5/18/13 – Circulate water, tag btm @ 3565. TOOH. Install Mud-X +Frac Valve + BOP. RIH w/ RBP. Set RBP @ 3432. TOOH tubing. Close Frac Valve. Test casing against valve to 4800psi.

5/20/13 – RIH, unlatch RBP, TOOH.

5/21/13 – MIRU wireline. Load hole with 500gal 15% HCL. Well went on vacuum. Perforate Lovington 3515-3518; 3529-3552. RIH tubing and packer. Set packer at 3480. Pumped 15bbl water to establish rate into new perfs. Make 3x swab runs, all water and paraffin. SD

5/22/13 – TOOH tubing and packer. MIRU Frac crew.

5/23/13 – Frac

5/24/13 – bleed pressure off top zone to frac tank. RIH, unlatch to plug, TOOH. Bleed pressure off middle zone.

5/28/13 – Run tubing, rods, pump and place on production to test.

Lease :  
Well Number:  
Well Location:

**NORTH SQUARE LAKE UNIT**

200

1100' FSL & 110' FEL UL P

Date: 5/29/2013

County: **EDDY**

Sec:

29

API #: 30-015-33048

Twn :

16S

Range: 31E

Surface Casing Size:

8-5/8"

Weight:

32# LS

Date Set: 12/11/2003

Depth set :

562'

Sx of Cement :

350

TOC : Surface

Production Casing Size :

5-1/2"

Weight:

17# LS

Date Set: 12/18/2003

Depth set :

3607'

Sx of Cement :

950

TOC : Surface

Perforations :

3194-3208; 42-48; 80-94; 3298-3304; 08-22; 32-47; 3381-3428

3440-3470 (1SPF)

3515-18; 29-52

Total # of Holes :

590

Hole Size:

0.4" dia

Initial Stimulation:

A/2400 g 15% HCl

Date: 7/16/2004

F/60,000 g gel water + 80,000# 16/30 sand

Subsequent Stim:

Grayburg 1: 1764gal 15%HCL + 1798bbl Slickwater w/

Date: 5/23/13

--- 3000# 100mesh + 36250# 20/40 + 7500# 16/30

Grayburg 2: 3500gal 15% HCL + 4062bbl Slickwater w/

--- 5000# 100mesh + 58000# 20/40 + 48000# 16/30

Lovington: 1500gal 15%HCL = 1656bbl Slickwater w/

--- 2500# 100mesh + 30300# 20/40

Initial Potential :

BOPD:

40

MCFPD:

Tstm

Date: 7/23/04

BWPD:

121

Method: Pumping

Elevations:

GL

3963'

KB

3970'

TD

3610'

PBTD

3565'

5/23/13 - Perf and Frac Lovington and Grayburg (3194-3428) + (3515-52)