

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.
NMLC063927

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.7. If Unit or CA/Agreement, Name and/or No.
NM101360X1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other: INJECTION8. Well Name and No.
NORTH SQUARE LAKE UNIT ~~044~~2. Name of Operator
BOAZ ENERGY LLC
Contact: JOEL HALE
E-Mail: JHALE@BOAZENERGY.COM9. API Well No.
30-015-201273a. Address
PO BOX 50595
MIDLAND, TX 797103b. Phone No. (include area code)
Ph: 432-253-707410. Field and Pool, or Exploratory
SQUARE LAKE; GB-SA4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 19 T16S R31E 1650FSL 990FEL11. County or Parish, and State
EDDY COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 checked="" type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input 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 recomplete 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.)

ON 2/20/13 BOAZ ENERGY FAILED MIT ON NSLU #004. BOAZ INTENDS TO REPAIR CASING THRU CEMENT SQUEEZE.

- 1.) Test coming out of hole with packer.
- 2.) Set CIBP at 2950' to isolate Grayburg formation.
- 3.) Spot 125sx Class C cement on top of CIBP
- 4.) Close BOP and squeeze cement into holes in casing. WOC
- 5.) Tag TOC and test back side if above highest casing leak.
- 6.) Drill out cement and CIBP.
- 7.) Return to Injection.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

NMOC D

RECEIVED

APR 08 2013

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

Electronic Submission #203265 verified by the BLM Well Information System
For BOAZ ENERGY LLC, sent to the Carlsbad
Committed to AFMSS for processing by WESLEY INGRAM on 04/04/2013 ()

Name (Printed/Typed) JOEL HALE

Title ENGINEER

Signature (Electronic Submission)

Date 04/04/2013

APPROVED

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

APR 4 2013

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

WESLEY W. INGRAM
PETROLEUM ENGINEER

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 **

North Square Lake Unit 4
30-015-20127
BOAZ Energy LLC
April 4, 2013
Conditions of Approval

1. Notify BLM 575-200-7902 a minimum of 24 hours prior to commencing casing repair operations.
2. Timing Limitation Stipulation / Condition of Approval for lesser prairie-chicken:
Oil and gas activities including 3-D geophysical exploration, and drilling will not be allowed in lesser prairie-chicken habitat during the period from March 1st through June 15th annually. During that period, other activities that produce noise or involve human activity, such as the maintenance of oil and gas facilities, pipeline, road, and well pad construction, will be allowed except between 3:00 am and 9:00 am. The 3:00 am to 9:00 am restriction will not apply to normal, around-the-clock operations, such as venting, flaring, or pumping, which do not require a human presence during this period. Additionally, no new drilling will be allowed within up to 200 meters of leks known at the time of permitting. Normal vehicle use on existing roads will not be restricted. Exhaust noise from pump jack engines must be muffled or otherwise controlled so as not to exceed 75 db measured at 30 feet from the source of the noise.
3. Surface disturbance beyond the originally approved disturbance shall have prior approval.
4. A closed loop system is required.
5. Functional H2S monitoring equipment shall be on location.
6. Operator shall specify BOP size on future submissions. A minimum of a 2000 (2M) BOP shall be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram.
7. All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
8. Operator step 5 – perform this test to verify no leaks above TOC.
9. Prior to installing the injection tubing, the casing shall be tested to 1000 psi for 30 minutes. The pressure test shall be charted and witnessed by a BLM inspector. Operator shall drill to within 10' of the CIBP at 2950' before performing this test.
10. Upon installing the injection tubing, an MIT to 500 psi shall be performed, charted and witnessed by either BLM or NMOCD. This shall be performed prior to commencing injection.
11. Submit a subsequent report sundry with details and dates of all operations.

WWI 040413