

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well

☐ Gas Well

☒ Other

Water Injection Well

2. Name of Operator

Burnett Oil Co., Inc.

3. Address and Telephone No.

801 Cherry Street, Suite 1500, Fort Worth, TX 76102 817/332-5108

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit B, 660' FNL, 1980' FEL, Sec. 14, T17S, R30E

5. Lease Designation and Serial No.

LC 029338A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Gissler A #13

9. API Well No.

30-015-25683

10. Field and Pool, or Exploratory Area

Grayburg-Jackson

11. County or Parish, State

Eddy, New Mexico

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

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☒ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

In 1987 this well was drilled and completed as a producing oil well. 9-5/8" O.D. 53.50# S-95 casing was set at 402' and cemented back to surface. 5 1/2" 17# K-55 casing was set at 3545' and cemented back to 1160', above the base of the salt. In 1992 the well was converted to a water injection well as part of a secondary recovery expansion program. Salt water was and will dribble to the surface at a stabilized rate of less than 1 gallon per day from the 5 1/2" and 9-5/8" annulus if the braden head valve is left open. The origin of the water is from the non-cemented salt section (420'-1190') of the hole. This salt section was slightly pressured up when the water flow intervals below the salt were originally drilled. All these areas were cemented off. This residual pressure in the salt section decreases to nothing over a period of time as the salt volume is eroded by the remaining residual water. Although we believe there is no change in the mechanical integrity of our casing, the NMOCD has mandated that we verify this which we propose to do by pulling the injection tubing and running bare tubing and packer to below the salt. Hot water will then be pumped down the casing annulus while a temperature survey concurrently being run in the tubing will detect the depth at which there is a cooling anomaly, at which point we will calculate the annular volume plus 50% and pump this volume of cement to shut off any water movement to the surface.

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

Signed

Title Production Superintendent

Date 9/29/93

(This space for Federal or State office use)

Approved by

(ORIG. SGD.) JOE G. LARA

Title

PETROLEUM ENGINEER

Date

10/20/93

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes 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 statement or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side