

N.M. OIL CONS. COMMISSION
P.O. BOX 1980
HOBBS, NEW MEXICO 88240

Form 3160-S
(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

2. Name of Operator

HAL J. RASMUSSEN OPERATING, INC.

3. Address and Telephone No.

310 W. WALL SUITE 906 MIDLAND, TX 79701 (915) 687-1664

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

660' FSL & 660' FEL.

SEC. 27 - T24S - R36E

*Jalmar Yates 7RQ
Jan-Yates (oil)*

5. Lease Designation and Serial No.

LC 032714 A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

GATES A-27 - 1

9. API Well No.

10. Field and Pool, or Exploratory Area

SCARBOROUGH YATES SEVEN RIVERS

11. County or Parish, State

LEA, NM

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

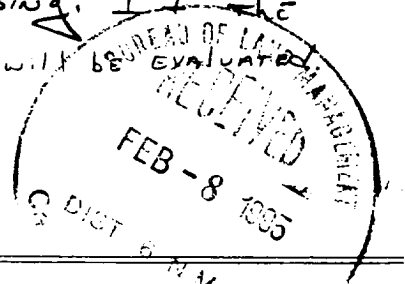
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)

REQUEST TA STATUS FOR WELL.

Well was TA'd in 2/85 w/ CIBP at 3430'.

This well is completed in the SEVEN RIVERS REEF (DIT 3448'-3496') and has no remaining potential. However, a previous DST and well logs have shown that the subject well has up-hole YATES GAS POTENTIAL. IT IS RECOMMEND THAT THE GATES A-27 NO.1 REMAIN ST, AWAITING POSSIBLE FUTURE YATES GAS RECOMPLETION. HOWEVER, THIS IS BASED UPON SUCCESSFUL TESTING OF THE CASING. IF THE CASING IS FOUND DEFECTIVE, PERMANENT PLUGGING WILL BE EVALUATED.



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

Signed JOE G. LARA Title Production Engineer

Date 2/2/95

(This space for Federal or State office use)

(ORIG. SGD.) JOE G. LARA

PETROLEUM ENGINEER

Approved by See attached. Conditions of approval, if any:

Date 3/10/95

(Rev: 1/12/95)

BUREAU OF LAND MANAGEMENT
CARLSBAD RESOURCE AREA

Temporary Abandonment of Wells on Federal Lands

Conditions of Approval

Temporary Abandonment (TA) status approval requires: A) **Successful Casing Integrity Test** and, B) **Successful Bradenhead Test**.

Any temporary abandonment request must be submitted on a Sundry Notice (Form 3160-5), one (1) original signature and five (5) copies, and include the following:

1. Justification why the well should be temporarily abandoned rather than permanently plugged and abandoned.
2. Description of the temporary abandonment procedure.
3. A complete wellbore diagram shown as temporarily abandoned.
4. The anticipated date the operations will occur.

Contact the appropriate BLM office at least 48 hours prior to the scheduled Casing Integrity and the Bradenhead Tests. For wells in Eddy County call (505) 887-6544 ; for wells in Lea County call (505) 393-3612.

A) Casing Integrity Test for TA:

1. Install an isolation device (such as a retainer or bridge plug) within 50' to 100' of the top perforation or cement plug that extends at least 50' above each set of open perforations. Unless prior approval is granted by the Authorized Officer, fill the well bore with conditioned, non-corrosive fluid and shut-in at the surface. If a cement plug is used, the top of the cement must be verified by tagging. If the wellbore had more than one producing horizon, the lower set(s) of perforations or open hole must meet the requirements for permanent plug to abandonment, unless justification is provided by the operator not to do so.
2. A test demonstrating casing mechanical integrity is required. An approved method is a pressure test of the casing and uppermost plug. The pressure test conducted shall be a minimum of 500 psi surface pressure with less than 10 percent pressure drop within thirty (30) minutes. In no event shall the pressure test required exceed seventy (70) percent of the internal yield of the casing. In the case of an unsuccessful test, the operator shall either correct the problem or plan to plug and abandon the well. Alternative methods demonstrating casing mechanical integrity may be approved by the Authorized Officer on a case-by-case basis.

B) Bradenhead Test for TA:

1. Record the pressure measured on each casing string, including intermediate casing, using deadweight or calibrated pressure gauge.
2. Open the bradenhead valve to the atmosphere. If gas or water flow is observed or indicated, flow the bradenhead for a minimum of fifteen (15) minutes and record pressures at five (5) minute intervals on the production, intermediate and surface casing. Describe in detail any fluids flowing from the bradenhead including measured or estimated rates of flow. A water and/or gas analysis may be required.

Wells that successfully pass the casing integrity test and the bradenhead test will be approved for Temporary Abandonment (TA) status for 12 months provided that the operator:

1. Submits within thirty (30) days a subsequent Sundry Notice (one (1) original signature and five (5) copies) requesting TA approval,
2. Attaches a clear copy or the original of the pressure test charts,

If the well does not pass the casing integrity test and/or the bradenhead test, then the operator shall within 90 days submit to BLM for approval one of the following:

1. A procedure to repair the casing so that a TA approval can be granted.
2. A procedure to plug and abandon the well.