

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0135  
Expires March 31, 2007**SUNDRY NOTICES AND REPORTS ON WELLS**Do not use this form for proposals to drill or re enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

SF-078977

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Vierson Federal #1

9. API Well No.

30-045-09408

10. Field and Pool, or Exploratory Area

Basin Dakota

11. County or Parish, State

San Juan County, New Mexico

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

2. Name of Operator

Yates Petroleum Corporation

3a. Address

105 S. 4th Str., Artesia, NM 88210

3b. Phone No. (include area code)

505-748-1471

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

660'FNL &amp; 660'FEL of Section 19-T30N-R13W (Unit A, NENE)

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

## TYPE OF SUBMISSION

## TYPE OF ACTION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

☐

Acidize

☐

Alter Casing

☒

Casing Repair

☐

Change Plans

☐

Convert to Injection

☐

Deepen

☐

Fracture Treat

☐

New Construction

☐

Plug and Abandon

☐

Plug Back

☐

Production (Start/Resume)

☐

Reclamation

☐

Recomplete

☐

Temporarily Abandon

☐

Water Disposal

☐

Well Shut Off

☐

Well Integrity

☐

Well Shut Off

☐

Well Shut Off

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.)

- 11/16/05 Attempted to find casing leak. Pressured casing to 1000 psi at multiple depths, no leaks. Tested casing from surface to 3000' to 1000 psi, holding OK. Loaded tubing and casing with 2% KCL water. Pressure tested casing from surface to RBP at 5950'.
- 11/17/05 Pressure tested casing and RBP to 1000 psi, OK. Ran GR/CCL/CBL from 549'-10'. TOC 2760', no bond 2760' to surface.
- 11/20/05 Loaded tubing and casing with 2% KCL water. Circulated out air and dump sand on RBP at 5950'. Shoot squeeze holes at 2716'. Loaded casing and break down perfs with 800 psi.
- 11/21/05 Set Baker 5-1/2" cement retainer at 2636'. Pressured 5-1/2" casing to 500 psi.
- 11/22/05 Pumped 850 sx Class "B" with 2% Sodium metasilicate. Tailed in with 200 sx Class "B" Neat. Pressured down to 900 psi with all cement pumped. Stung out of cement retainer and reversed out 30' above cement retainer.
- 11/23/05 Ran Temperature survey. Tag at 2552'. TOC by temp log 110'.
- 11/25/05 Drill cement and retainer 2572'-2755'. Circulated casing clean.
- 11/26/05 Pumped 5 bbls FW ahead followed by 30 sx Class "B" with water loss additives and spotted from 2728'-2463', 265' cement. Squeeze perfs at 2716' with 2.6 bbls cement into formation to 775 psi. Est TOC in casing at 2573'.

**CONTINUED ON NEXT PAGE:**

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

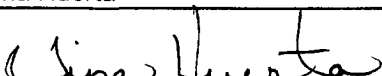
Name (Printed/Typed)

Tina Huerta

Title

Regulatory Compliance Supervisor

Signature



Date

December 8, 2005

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

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.

Title

Date

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

Yates Petroleum Corporation  
Vierson Federal #1  
Section 19-T30N-R13W  
San Juan County, New Mexico

**Form 3160-5 continued:**

11/28/05 Tagged cement at 2573'. Drilled cement 2573'-2743'. Circulated casing clean at 2809'. Pressure tested casing to 500 psi. Lost 20 psi in 20 min. Re-pressured to 500 psi, held OK for 30 min.  
11/29/05 Circulated sand off RBP to 5950'. Displaced casing and tubing with 160 bbls clean 2% KCL water. Released RBP at 5950'.  
11/30/05 Hydro-test all tubing and tools in hole to 6000 psi, no leaks. 5-1/2" Arrowset packer at 5005'. SN at 5944'.

Cement Bond Log enclosed