

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

RE ENTRY - CONVERTED TO SWD ORDER No. SWD-497

2. Name of Operator

YATES PETROLEUM CORPORATION

(505) 748-1471

3. Address and Telephone No.

105 South 4th St., Artesia, NM 88210

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

Unit F, 1980' FNL & 1980' FWL, Sec. 21-T20S-R29E

5. Lease Designation and Serial No.

NM 03677

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Yates A SWD #1

9. API Well No.

30-015-21387

10. Field and Pool, or Exploratory Area

Undes. Delaware

11. County or Parish, State

Eddy, 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.)

3-16-93. Notified NMOCD, Artesia, of plans to re-enter and convert to SWD. Drilled cement plug @ 1034', tagged 2nd plug @ 2889', drilled out plug; drilled 3rd plug @ 4045' to 4290'. Tagged 4th plug @ 5080'. Drilled out plug from 5080-5620'. Drop down with bit to 6100' and reverse hole clean. TIH w/bit, scraper and 2-3/8" tubing to 6100'. Displaced hole clean with 2% KCL water. Pressure test 4-1/2" casing. Pumped 2 BPM @ 1200 psi. TOH w/tubing, scraper and bit. TIH w/RBP, packer and 2-3/8" tubing. Set RBP @ 6000' and tested casing. Found leaks in casing from 5323-5356', 1 BPM - 800 psi and 3390-3520', 1 BPM - 700 psi. Rest of casing tested to 1500 psi. TOH w/tubing, packer and RBP. Perforated 5170-5382' and 3420-3530' w/74 - .42" holes - 1 SPF - as follows: 5170, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 5200, 22, 24, 26, 28, 30, 32, 5302, 04, 06, 08, 10, 72, 74, 76, 78, 80 and 5382' (33 holes); 3420, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 3514, 16, 18, 20, 22, 24, 26, 28 and 3530' (41 holes). Acidized perfs 5170-5382' w/1500g. 7 1/2% NEFE. Frac'd perfs 5170-5382' w/31000g. XL gel + 67000# 20/40 sand. Unset packer and TOH w/tubing and packer. TIH w/RBP, packer and 2-3/8" tubing. Set RBP 3680', tested to 2000 psi. Set packer @ 3289'. Acidized perfs 3420-3530' w/1500g. 7 1/2% NEFE. Frac'd perfs 3420-3530' w/31000g. XL gel + 77000# 20/40 sand. TOH w/tubing and packer. Unset RBP. TIH w/nickel plated packer and 2-3/8" plastic coated tubing. Load annulus w/packer fluid, set packer @ 3321'. Test annulus to 500 psi for 30 minutes. Pumped 250 bbls 2% KCL down tubing @ 2.1 bpm @ 675 psi. Witnessed by NMOCD, Artesia, NM. Work completed 3-26-93. (CHART ATTACHED)

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

Signed [Signature]

Title Production Supervisor

Date 3-28-93

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any: