

NM OIL COMS. CO. SSION
Drawer DD
Artesia, NM 88210

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

MAY 03 1993

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

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 B, 660' FNL & 1980' FEL, Sec. 33-T18S-R30E

5. Lease Designation and Serial No.
LC 028978B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Benson Deep Fed. ET Com #1

9. API Well No.

30-015-24330

10. Field and Pool, or Exploratory Area

Undes. Wolfcamp

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.)*

Respectfully request variance to original plan to abandon Morrow and Strawn.

Original: Pull RBP 10700', pull packer + SV @ 11571'. Set CIBP+35' cement @ 11625' and 10775'.

Variance: Place 35' cement on top of hard fill/possible collapsed casing @ 10409' and leave RBP @ 10700' and packer + SV @ 11571' in the hole.

Reasons for variance: 1) Morrow was depleted. Morrow BHP at abandonment was 2312 psi.

2) Strawn has very little permeability. Strawn was treated with 1500g. 15% HCL acid at 2.4 BPM @ 6650 psi. ISIP = 6100 psi; 15 min. SIP = 5150 psi. Strawn treated at very high pressure and had very little shut-in pressure loss after the acid treatment. Strawn also swabbed dry with only slight show of oil and gas.

3. Strawn BHP is probably near that of the Morrow. The Strawn BHP of the Benson Deep Unit #1 (SW/SE 33-18S-30E) on 2-15-87 was 3074 psi at 10675'. It is likely that the BHP of the Benson Deep Unit #1 is lower now. The Benson Deep Unit #1 pressure data is being used because it is located south of the Benson Deep ET #1 in the same section. No pressure data was obtained on the Strawn in the Benson Deep ET #1 since the Strawn was dry and non-productive.

4) If Strawn BHP is higher than Morrow BHP, the standing valve in the packer at 11571' will stay closed and sealed.

(continued page 2)

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

Signed Janita Lasslett

Title Production Supervisor

Date 4-7-93

(This space for Federal or State office use)

Approved by (ORIG. SGD) JOE G. LARA
Conditions of approval, if any:

Title PETROLEUM ENGINEER

Date APR 27 1993

