Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

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

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

5. Lease Designation and Serial No. NMLC063441

6. If Indian, Allottee or Tribe Name 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 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE 1 Type of Well 8910115660 X Oil Well 8. Well Name and No. 2. Name of Operator Young Unit #23 9. API Well No. YATES PETROLEUM CORPORATION (505) 748-1471)3. Address and Telephone No. 30-025-08102 10. Field and Pool, or Exploratory Area 105 South 4th St., Artesia, NM 88210 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Young Queen 11. County or Parish, State 2310' FSL & 990' FWL of Section 20-T18S-32E (Unit L, NWSW) Lea Co., NM CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Abandonment Change of Plans Recompletion **New Construction** Subsequent Report Plugging Back Non-Routine Fracturing Water Shut-Off Casing Repair Final Abandonment Notice Conversion to Injection Altering Casing Dispose Water Other (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.)* Plugging procedure discussed between Rex Gates, engineer with Yates Petroleum Corporation and Joe Lara w/BLM in Carlsbad on July 25, 1995. Propose to plug and abandon as follows: Set CIBP at 3650' and cap with 35' of cement. Cut and pull 5-1/2" casing. Set a 100' cement plug across the 5-1/2" stub. WOC. Tag plug. Set a 100' cement plug across the Base of the Salt at 2380'. Set a 100' cement plug across the 8-5/8" shoe at 990'. WOC. Cut and pull 8-5/8" casing. 6. Set a 100' cement plug across the 8-5/8" stub. WOC. Set a 50' cement plug at surface. Install regulation abandonment marker. NOTIFY BLM-CARLSBAD (505-887-6544) 24 HOURS PRIOR TO COMMENCING PLUGGING OPERATIONS 14. I hereby certify that the foregoing is, true and correct Production Clerk (ORIG. SGD.) JOE G. LARA Tide PETROLEUM ENGINEER

or representations as to any matter within its jurisdiction.

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 statements

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BUREAU OF LAND MANAGEMENT CARLSBAD RESOURCE AREA

Permanent Abandonment of Wells on Federal Lands

Conditions of Approval

- 1. Approval: Plugging operations shall commence within 90 days from the approval date of plugging procedure.
- 2. <u>Notification:</u> Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Eddy County call (505)887-6544; for wells in Lea County call (505) 393-3612.
- 3. <u>Blowout Preventers:</u> A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
- 4. <u>Mud Requirement:</u> Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.
- 5. <u>Cement Requirement:</u> Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either class "C", for up to 7,500 feet of depth, mixed at 14.8 lbs./gal. with 6.3 gallons of fresh water per sack or class "H", for deeper than 7,500 feet plugs, mixed at 16.4 lbs./gal. with 4.3 gallons of fresh water per sack.

- 6. <u>Dry Hole Marker:</u> All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer; such as metes and bounds).
- 7. <u>Subsequent Plugging Reporting:</u> Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show <u>date</u> well was plugged.

Following the submittal and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.

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