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Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

SEP 10 1991

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other WORKOVER	5. Lease Designation and Serial No. NM 65417
2. Name of Operator YATES PETROLEUM CORPORATION	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 105 South 4th St., Artesia, NM 88210 (505) 748-1471	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Unit O, 660' FSL, 1650' FEL, Sec. 11-T22S-R31E	8. Well Name and No. Martha AIK Federal #3
	9. API Well No. 30-015-26723
	10. Field and Pool, or Exploratory Area Livingston Ridge 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	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Add perforations, treat
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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.)*

Propose to add perforations to Delaware as follows: 7116-7128' (12 shots); 6815-6828' (10 shots). Acidize in two stages with 750g. 7½% NEFE HCL acid for each zone.
Frac 7116-7128' w/1500g. 35# linear prepad, 5100g. 35# XL + 11800# 20/40 sand.
Frac 6815-6828' w/3000g. 35# linear prepad, 10000g. 35# XL + 22500# 20/40 sand.

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

Signature *[Signature]*

Title **Production Supervisor**

Date **9-12-91**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

PETROLEUM ENGINEER

9/17/91

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 or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side