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Form 3160-5  
(June 1990)

UNITED STATES Artesia, NM 88210  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
JUL 28 1993

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

5. Lease Designation and Serial No.  
NM-19181

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
Long Arroyo MQ Fed. #2

9. API Well No.  
30-005-61701

10. Field and Pool, or Exploratory Area  
Springer Basin Atoka-Morrow

11. County or Parish, State  
Chaves Co., NM

**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

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)  
660' FNL & 990' FEL of Section 26-T14S-R27E

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

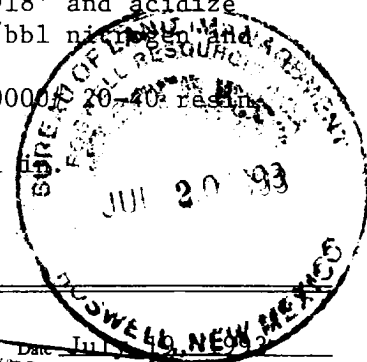
TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Add pay in Morrow & Atoka
	<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 pay in Morrow and Atoka Sands as follows:

1. Install standing valve in Guiberson 1.875" on/off tool at 8018'. Load tubing with KCL water and test to 2500#. Load annulus and test to 500#. Install BOP and get off on/off tool. TOOH w/tubing.
2. Perforate 7992-7995' w/8 holes (2 SPF) (Morrow). Straddle perms. 7992-7995' and acidize with 1000 gallons 7-1/2% Morflow (Morrow) acid containing 1000 scf/bbl N2 and ball sealers.
3. Swab back. Frac if necessary with binary or 30% CO2 gel & 10000-15000# 20-40 resin coated sand.
4. Perforated 7903-7918' w/24 holes (2 SPF) (Atoka). Straddle 7903-7918' and acidize with 2000 gallons 7-1/2% Morflow (Morrow) acid containing 1000 scf/bbl nitrates and ball sealers.
5. Swab back. Frac if necessary with binary or 30% CO2 gel & 25000-30000# 20-40 resin coated sand.
6. TOOH w/RBP and packer. TIH w/packer with on/off tool and swab well.



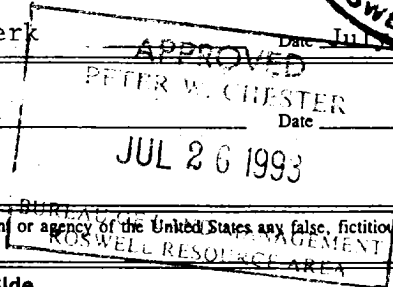
14. I hereby certify that the foregoing is true and correct

Signed Rusty Allen Title Production Clerk Date July 26 1993

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:



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.