

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division  
811 S. 1st Street  
Artesia, NM 88210-2804

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

C/SF

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
2. Name of Operator Yates Petroleum Corporation		7. If Unit or CA/Agreement, Name and/or No.	
3a. Address 105 S. 4th St. - Artesia, NM 88210	3b. Phone No. (include area code) 505-748-1471	8. Well Name and No. Long Arroyo MQ Federal #2	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660' FNL & 990' FEL of Section 26-T14S-R27E (Unit A, NENE)		9. API Well No. 30-005-61701	
		10. Field and Pool, or Exploratory Area Springer Basin Atoka Morrow	
		11. County or Parish, State Eddy Co., NM	

**12. CHECK APPROPRIATE BOX(ES) 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"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Add perforations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	in Atoka & commingle
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	with Morrow

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Propose to add perforations in Atoka and commingle Atoka & Morrow perforations together as follows:

1. TIH with gauge ring to packer at 7957'. TOOH. TIH with standing valve and set valve in the on/off tool at 7955'. Load tubing with 7% KCL water. Test tubing to 2000 psi. Load casing with 7% KCL water. Nipple down wellhead and nipple up BOP. Release on/off tool. TOOH with tubing.
2. TIH with 5-1/2" RBP and set RBP at 7970'±. Circulate hole with 7% KCL water. Pressure test casing & RBP to 1000 psi. POOH with tubing.
3. Perforate 7903-7918' (Atoka), acidize and frac as necessary for production.
4. Swab/flow back.
5. Place Atoka perforations into production.
6. When the BHP for the Atoka zone has been reduced to where it is compatible to the Morrow zone, the RBP at 7970'± will be pulled and both zones will be placed into production.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Rusty Klein

Title Operations Technician

Signature

Date December 2, 2000

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by FORIC, SGD ALEXIS C. SWO30DA

PETROLEUM ENGINEER

Date DEC 11 2000

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office