

NEW OIL CONS. COMMISSION
UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Artesia, NM 88210
Drawer DD

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 type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. NM-490
2. Name of Operator YATES PETROLEUM CORPORATION (505) 748-1471	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 105 South 4th St., Artesia, NM 88210	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660' FSL & 1980' FEL of Section 8-T24S-R24E	8. Well Name and No. Lechuguilla Canyon AJ
	9. API Well No. Fed. #1 30-015-22978
	10. Field and Pool, or Exploratory Area Undesignated Atoka
	11. County or Parish, State Eddy Co., 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 <u>Add perfs. in Morrow</u>
	<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.)*

We propose to add pay in Morrow sand from 9934-9942'. Depending on results, will either repair casing leak(s) or abandon well. Work will be done as follows:

1. Move in and rig up. Kill well, install BOP & TOOH w/tubing & RBP's. Determine location of casing leak(s) on way out of hole. If Morrow is commercial, will repair casing leak(s). If non-commercial will submit AFE to P & A well.
2. Perforate 9934-9942' w/18 holes (2 SPF) with 4" casing gun. Acidize with 1000 gallons 7-1/2% Morflow acid with 1000 scf/bbl nitrogen and ball sealers.
3. Flow and swab test Morrow.
4. Possible frac with 30% CO2 gel and 20000# 20-40 resin coated sand.
5. Flow and swab test to evaluate well before making decision whether to P & A well.

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

Signed <u>Rusty Klein</u>	Title <u>Production Clerk</u>	Date <u>July 1, 1993</u>
(This space for Federal or State office use)		
Approved by <u>(ORIG. SGD.) JOE G. LARA</u>	Title <u>Petroleum Engineer</u>	Date <u>JUL 07 1993</u>
Conditions of approval, if any:		