

There are no working, royalty and overriding royalty interests in this well other than Yates Petroleum Corporation.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
N.M. Oil Cons DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

asf

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.

Lease Serial No.

NM-15863

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or No.

N/A

8. Well Name and No.

Cottonwood Federal #5

9. API Well No.

30-005-63448

10. Field and Pool, or Exploratory Area

Pecos Slope Abo

11. County or Parish, State

Chaves County, NM

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Yates Petroleum Corporation

3a Address

105 S. 4th Street - Artesia, NM 88210

3b. Phone No. (include area code)

505-748-1471

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FSL and 1980' FEL

Section 26, T6S-R25E

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Alter Casing	<input checked="" 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 Perforate
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 operations results in a multiple completion or recompleat 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.)

4/1/02 - MIRU pulling unit. TIH and tagged PBTB at 5217'.

4/2/02 - Run CBL. TOC 2990'. Perforate Wolfcamp 4900-4910' with 40 holes, .38".

4/3/02 - Acidized Wolfcamp 4900-4910' with 1000 gals 15% IC HCL. Swab test.

4/10/02 - Frac perfs 4900-4910' with 43,700 gals YF 30# crosslinked 65Q CO2 foam with 2500# 100 mesh sand and 60,000# 20/40 Brady.

Set composite flow through plug at 4800'. Perforate Abo as follows: 3710-3720' (11), 3742-3754' (13), 3828-3836' (9), 3860-3864' (5), 3948-3964' (17) and 4012-4022' (11) for a total of 66 holes, .42".

Rigged up to frac Abo perfs 3710-4022'. Perfs would not break, and pressured out at 4000#. Rig down frac equipment and flow back Wolfcamp frac through composite plug.

4/12/02 - Set RBP at 4500'. Spot 1000 gals 7.5% IC HCL across perfs 3710-4022'.

4/13/02 - Frac Abo perfs 3710-4022' with 110,500 gals YF 30# crosslinked 35Q CO2 foam with 350,000# 16/30 Brady sand.

Well pressured out with 254,000# sand in formation. Flow back frac for cleanup.

4/17/02 - Tagged sand at 4054'. Cleaned out to 4139'. TIH with SN and 2-3/8" tbg. Set SN at 3692'.

4/19/02 - Rig down and move out.

I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Susan Herpin

Signature



Title

Engineering Technician

Date

22-Apr-02

ACCEPTED FOR RECORD

APR 24 2002

ARMANDO A. LOPEZ
PETROLEUM ENGINEER

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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