

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons.
N.M. Div-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or 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

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Yates Drilling Company

3a. Address

105 S. 4th Str., Artesia, NM 88210

3b. Phone No. (include area code)

505-748-8463

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

660' FSL & 1650' FWL, Section 28-19S-27E

5. Lease Serial No.

NMNM04560

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Pecos River Deep Unit #9

9. API Well No.

30-015-32864

10. Field and Pool, or Exploratory Area

McMillan Morrow

11. County or Parish, State

Eddy, NM

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

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☒ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☒ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other Perforation

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 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.)

See attached.

ACCEPTED FOR RECORD

OCT 21 2003

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

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

Name (Printed/Typed)

Karen J. Leishman

Title

Engineering Technician

Signature

Karen J. Leishman

Date

10/14/2003

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

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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

PECOS RIVER DEEP UNIT #9
Section 28-19S-27E
Eddy County, NM
Lease #NMNM04560

9/09/2003 RUPU and swabbed well.
9/11/2003 Perforated 10,720'-10,730' with 3 3/8", 4 SPF, .45" holes. RIH with packer on/off tool and 2 7/8" L-80 tubing. Nippled down BOP and nipped up tree. Tested backside to 1000 psi. Packer held good. Swabbed well.
9/12/2003 Acidized well with 15% HCL and dropped 80 ball sealers.
9/13/2003 RIH with wireline and set CIBP at 10,715'. RIH and perforated 10,640'-10,650' with 1 SPF, .40" holes. Set packer at 10,575.70'. Tested backside to 1000#, held good. PBTD 10,715'.
9/17/2003 Rigged up swab line and tagged fluid at 10,520'. Swabbed well dry. Pumped 500 gals. 15% NEFE HCL acid and displaced acid with 63 bbls. 2% KCL. Packer failed.
9/19/2003 RIH with new packer and rigged up tubing testers. Tested tubing to 6500 psi and set packer at 10,550'. Tested backside to 1500 psi, held pressure.
9/20/2003 Pumped 500 gals of 15% NEFE acid. Swabbed well.
9/24/2003 Rigged up wireline and RIH with gauge ring. POOH with gauge ring and RIH with dump bailer. Set 50' plug of cement on top of CIBP, set at 10,715'. Pooh with bailer and RIH and set CIBP at 10,640'. RIH with dump bailer and set 50' cement plug on top of CIBP set at 10,640'. TOC at 10,590'. POOH with bailer and RIH with 2 7/8" tubing. Swabbed well down.
9/25/2003 RIH and perforated 10,406'-10,414' with 4 SPF, total of 32, .40" holes.
9/26/2003 Rigged up and acidized well with 2500 gals 7.5% HCL and 60 ball sealers. Flowed well back.
9/30/2003 Acidized well with 2500 gals 7.5% HCL/N2 with 60 ball sealers. Used 104,000 SCF nitrogen. Flowed well back.
10/7/2003 Frac'd well with 35,000# 20/40 Interprop with 78 tons CO2 and 629,620 SCF N2. Flowed well back.