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Form 9-331

(May 1983)

MAR 28 1980

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.

Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 490

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lechuguilla Canyon

9. WELL NO.

4

Unit

10. FIELD AND POOL, OR WILDCAT

Crooked Creek  
Wildcat Morrow Gas11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREASec 8-24S-24E  
Unit O NMPM

12. COUNTY OR PARISH

Eddy

13. STATE

NM

1. OIL WELL ☐ GAS WELL ☒ OTHER

MAR 27 1980

2. NAME OF OPERATOR

Yates Petroleum Corporation

U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

3. ADDRESS OF OPERATOR

207 South 4th Street - Artesia, NM 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*

See also space 17 below.)  
At surface

660' FSL &amp; 1980' FEL of Section 8-24S-24E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4214' GR

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. 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.)\*

TD 10500'; PBTD 10461'. WIH w/Tubing Conveyed Gun, Guiberson Uni VI packer on 2-7/8" tubing, set packer at 10269'. Perforated 10305-10311' w/24 .50" holes. GTS in 7", 30# on 1/2" choke. SI 16 hrs. SITP 1200#. Pulled guns out of hole. WIH w/Guiberson Uni VI packer on 2-7/8" tubing set packer at 10277'. Treated w/1000 gallons 7 1/2% MS acid and nitrogen. No shows. WIH and set CIBP at 10280'. Dumped 35' of cement on top of plug. WOC. Perforated 10083-10096' w/26 .50" holes (2spf). POOH. WIH w/Guiberson Uni VI packer on 2-7/8" tubing, set packer at 10065'. Treated perforations w/2000 gallons 7 1/2% MS acid w/ball sealers. Well cleaned up and flowed 35# on 1/2" choke. Swabbed and swabbed dry. TD 10500; PBTD 10245' - Sand Frac'd perforations 10083-10096' w/21000 gallons MS pad, 14000 gallons MS Frac, 7000 gallons CO-2, 35000# sand, 3000# 20-40 sand, 5000# 100 mesh. Flowed well and well cleaned up and flowed 610# on 10/64" choke = 325 MCFPD.

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

SIGNED

*Christine Tomblase*

TITLE

Geol. Secty.

DATE

3-27-80

(This space for Federal or State office use)

Sgt. GEORGE H. STEWART

DEPT. OF THE INTERIOR

APPROVED BY

TITLE

DATE

MAR 27 1980

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side