

N. M. O. C. C. COPY  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLI  
(Other instructions  
verse side)TE  
FOCopy TO DF  
Form approved.  
Budget Item No. 42 R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 5489

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

FARM OR LEASE NAME

Maralo HL Federal com

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

wildcat Flat

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Unit I NMPM

Sec. 12-20S-28E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or complete a well on a different section of land.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Yates Petroleum Corporation

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

1980' FSL &amp; 660' FEL of Section 12-20S-28E

14. PERMIT NO.

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

3264' GR

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

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

## 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.) \*

Spudded a 17½" hole at 11:00 AM 3-24-77. TD - 618' - Ran 16 joints of 13-3/8" 61# ST&C R-3 casing (618') set at 618' KB, 1-Guide shoe. Cemented w/325 sacks of Howco-Lite 2% CaCl, followed w/150 sacks of Class C 4% CaCl. Slurry wt. 14.8#/gal, 1.32 cu. ft./sx. Compressive Strength at 70 degrees 1023 psi in 12 hours. Cement circulated 35 sacks to surface. PD 7:59 AM 3-25-77. WOC 12 hours, backed off landing joint, nipples up and tested to 500# OK. Reduced hole to 12¼", drilled plug and resumed drilling. TD 3060' - Ran 75 joints of 8-5/8" 32# K-55 ST&C (3068') of casing set at 3060' KB. Cemented as follows: 200 sx CFR-2 w/12% D-53 2% CaCl, 1230 sx Class C 50-50 poz 2% gel 3% CaCl, 5#/sx Kolite, 1/4#/sx celloflake, 200 sx Class C 2% CaCl. PD 6:30 PM 3-29-77. Cement did not circulate. WOC 6 hrs and ran Temp Survey, found top of cement at 1770'. Press. tested 8-5/8" csg. Press indicated hole in csg. Squeezed 300 sx Class C + 6% gel down 8-5/8" csg displaced w/97 bbls fresh wtr. PD 3:00 AM 3-30-77. WOC 9 hours and ran Temp Survey indicating cement behind csg. Press. up on 8-5/8" csg, indicating that casing still leaking. Re-squeezed w/500 sx Class C 4% CaCl displaced w/95 bbls fresh water. PD 4:00 PM 3-30-77. Ran 1" to 1208', spotted 50 sx Class C 4% CaCl. PD 4:50 PM 3-30-77. Pulled up 500'. WOC 3 hours, ran 1" to 1208', sptd 50 sx Class C 4% CaCl. PD 7:30 PM 3-30-77. WOC 8 hrs dumped 2 yds pea gravel. Ran 1" to 1208', sptd 50 sx Class C 4%

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

(Cont'd on attached Sheet)

SIGNED

TITLE

Geol. Secty

DATE

4-8-77

(This space for Federal or State office use)

APPROVED BY

TITLE

ACTING DISTRICT ENGINEER

DATE

APR 11 1977

CONDITIONS OF APPROVAL, IF ANY: