

NMOC COPY  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE  
(Other instructions  
reverse side)Form approved.  
Budget Bureau No. 42-R1424.5. LEASE DESIGNATION AND SURVEY NO.  
NM 663 RECEIVED6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
FEB 28 19787. UNIT AGREEMENT NAME  
O. C. C.  
ARTESIA, OFFICE8. FARM OR LEASE NAME  
Lechuguilla Canyon Unit

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

Und. Crooked Creek *Norman*11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREASec. 4-24S-24E  
Unit F NMPM

12. COUNTY OR PARISH

Eddy

13. STATE

NM

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to an unconsolidated reservoir.  
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 2530' FNL &amp; 1980' FWL of Sec. 4-24S-24E

14. PERMIT NO.

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

4198' 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) Set Production Casing ☒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 10350'. Ran 241 jts of 5½" 17# N-80 & K-55 casing as follows: 49 jts 17# N-80 (2062'), 167 jts 17# K-55 (6704'), 35 jts 17# N-80 (1481' (Total 10247') of casing set at 10217'. 1-Diff-Fill Guide shoe at 10217', Diff-Fill collar at 10175'. 8-centralizers at 10140, 9980, 9860, 9710, 9250, 8810, 8530, 8410. Cemented w/250 gallons of mud flush, 250 sx of Howco-Lite ½% CFR-2 + 5#/sx KCL followed w/150 sx of Class H ½% CFR-2 + 5#/sx kcl displaced w/40 bbls 2% KCL water. PD 3:00 PM 1-25-78. Bumped plug w/1400#. OK. WOC and ran Temperature Survey found top of cement at 7830'. WLPBTD 10150'.

TD 10350'; WLPBTD 10150' - WIH w/Tubing Conveyed gun 9891-9981' w/140 .32" shots (4spf) as follows: 9891-9904, w/52 shots, 9913-9920' w/28 shots, 9945-9957' w/48 shots, 9978-9981' w/12 shots. GTS in 8 min. TSTM. WIH w/Guiberson Uni VI packer on 2-3/8" tubing, set packer at 9845' and treated perforations 9891-9981 w/2000 gallons of 7½% acid and ball sealers. Flowed back and cleaned up -60# on 1/2" choke = 425 MCFFPD. Frac'd perforations 9891-9981 w/39800 gallons of treated wtr w/CO-2, 42750# sand, 9000# mesh and 33750# 20-40 sand and ball sealers. Flowed back and cleaned up. Flowing 525# on 1/2" choke - Rate 3.4 MMCFPD.

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

SIGNED

*Christine Johnson*

TITLE

Geological Secty

DATE

2-22-78

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

*Joe D. Lara*

TITLE

ACTING DISTRICT ENGINEER

DATE

FEB 27 1978