

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Artesia, NM 88210

PERMIT TO DRILL (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 10458

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Duncan LH Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Und. Pecos Slope Abo

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

Unit J, Sec. 3-T8S-R25E

12. COUNTY OR PARISH

Chaves

13. STATE

NM

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐ MAR 29 1983

2. NAME OF OPERATOR Yates Petroleum Corporation ✓

O. C. D.

3. ADDRESS OF OPERATOR 207 South 4th St., Artesia, NM 88210

ARTESIA, OFFICE

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface

2080 FSL & 2130 FEL, Sec. 3-T8S-R25E

14. PERMIT NO.

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

3609' GR

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

(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 14-3/4" hole 10:00 PM 2-24-83. Set 40' of 30" conductor pipe. Ran 17 joints 10-3/4 40.5# J-55 ST&C casing set 771'. 1-Type "M" notched guide shoe set 771'. Insert float set 735'. Cemented w/100 sx Thickset, 1/2#/sx flocele, 400 sx Halliburton Lite, 1/4#/sx flocele and 2% CaCl2. Tailed in w/250 sx Class C" 2% CaCl2. Compressive strength of cement 1250 psi in 12 hrs. PD 2:30 PM 3-1-83. Bumped plug to 750 psi, released pressure and float held okay. Cement did not circulate. WOC 8 hrs. Ran Temperature Survey and found top of cement 300'. Ran 1". Tagged cement 240'. Spotted 100 sx Class "C" Neat 4% CaCl2, PD 1:30 AM 3-2-83. Ran 1". Tagged cement at 200'. Spotted 100 sx Class "C" Neat 4% CaCl2. PD 4:00 AM 3-2-83. Ran 1". Tagged cement 200'. Spotted 50 sx Class "C" Neat 4% CaCl2. PD 6:15 AM 3-2-83. Ran 1". Tagged cement 110'. Spotted 50 sx Class "C" Neat 4% CaCl2. PD 8:15 AM 3-2-83. Ran 1". Tagged cement 110'. Spotted 100 sx Class "C" Neat 4% CaCl2. PD 10:15 AM 3-2-83. Ran 1". Tagged cement 90'. Ready-Mixed to surface w/9 yards Ready-Mix. WOC.

Nippled up and tested to 1000 psi for 30 minutes, OK. Reduced hole to 7-7/8". Drilled plug and resumed drilling. Drilled out 10:00 AM 3-2-83. WOC 31 hours and 30 minutes. NU and tested to 1000 psi, for 30 minutes, okay. Reduced hole to 7-7/8". Drilled plug and resumed drilling.

RECEIVED
MAR 23 1983

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

SIGNED

TITLE Production Supervisor

OIL & GAS

MINERALS MGMT. SERVICE
ROSWELL, NEW MEXICO

(This space for Federal Land Office use)

APPROVED BY (ORIG. SGD.) DAVID R. GLASS
CONDITIONS OF APPROVAL

DATE

MINERALS MANAGEMENT SERVICE
ROSWELL, NEW MEXICO

*See Instructions on Reverse Side