

Form 9-331  
(May 1963)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Contract 82

6. IF INDIAN, ALLOTTEE, OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Burke

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Choz Mesa - PC

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

Sec 31, T29N, R3W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Jerome P. McHugh

3. ADDRESS OF OPERATOR

Box 234, Farmington, NM 87401

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

See also space 17 below.)

At surface

1860' FNL - 990' FWL

14. PERMIT NO.

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

7005' 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\*

Completion

(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.)\*

12-15-76

PBTD 4002'. Reverse circulated hole. Press tested csg and BOP to 4000 psi - held OK. Spotted 300 gals 15% HCl. Pulled 1-1/4" tbq. Go International ran gamma-ray correlation log. Perf one hole each @ 3946', 3931', 3923', 3905', 3895', 3883'; 2 holes between 3830-3834'; 2 holes between 3822-3828'; and 15 holes between 3736-3766' (total of 25 holes). Western Company broke down formation @ 1200 psi, established IR 40 B/M @ 2300 psi. Ran 500 gals 15% HCl with 35 balls, had fair ball action with 2 good press breaks, unable to ball formation off. Final IR 11 B/M @ 2250 psi. Flowed well back. Ran junk basket on wire line, recovered 4 balls. Western Company frac Pictured Cliffs perfs using 2081 hp, 1403 bbls wtr, 50,000# 20-40 sd. IF 2100 psi, Avg 2100 psi, Max 3400 psi, Final 3100 psi, ISDP 500 psi, 15-min SI 300 psi, Avg IR 40 B/M. Made 2 ball drops, press increased 200 psi, second drop press increased 1200 psi to 3400 psi, broke back to 3100 psi. Shut well in overnight.

12-16-76

PBTD 4002'. Thawed out wellhead, flowed well back to pit, well flowed back strong with show of gas for one hr and died in 3-1/2 hrs. Ran 1-1/4" tbq, tagged sand @ 3923', landed tbq - 121 jts 1-1/4" OD 2.4# JCW 10R EUE tbq set @ 3909' RKB. Released rig.

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

SIGNED

Thomas A. Dugan

TITLE

Engineer

DATE

12-16-76

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: