

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 90

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Chris

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

Sec 10, T27N, R3W

12. COUNTY OR PARISH

13. STATE

Rio Arriba

NM

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)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

1450' FSL - 1850' FWL

14. PERMIT NO.

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

7008' GR

18. 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

X

(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.)*

8-3-77

PBTD 6165'. Installed BOP. Welex ran gamma-ray correlation log and junk basket. Western Company installed frac head and pressure tested csg and BOP to 4000 psi - held OK. Perf 1 hole @ 6118', 6080', 6077', 6052', and 6048', perf 1 hole in 2 ft 5954-5970', 5690-5706', and 5684-5694' (total of 26 holes). Brokedown fm @ 1500 psi, IR 35 B/M @ 2700 psi. Ran 500 gals 15% HCl w/40 balls, had 1 big break and 2 small breaks, did not ball off. ISDP 650 psi, bled press off. Welex ran junk basket, recovered 16 balls, 15 w/perf marks. Western Company frac Mesaverde fm using 2157 hp, 1723 bbls wtr with 2-1/2 lbs FR-2/1000 gal, 40,000 lbs 20-40 sd, IF 2300 psi, Max 2800 psi, Min 1900 psi, Avg 2200 psi, Final 2700 psi, ISDP 550 psi, Avg IR 40 B/M, Max IR 43 B/M. Made 2 ball drops of 5 balls each, first drop press increased 200 psi, second drop press increased 600 psi. 15 Min SI 400 psi. Shut well in overnight.

8-4-77

Well on vac. Ran 185 jts 1-1/4" OD 2.4# JCW 10R EUE Wheeling-Pittsburg tbq set @ 6061' RKB w/cross pin sub on btm. Tagged sand @ 6075'. Landed tbq, flanged up well, shut well in, released rig.

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

SIGNED

Thomas A. Dugan

TITLE

Petroleum Engineer

DATE

8-8-77

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: