

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.

#4

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

Sec 9, T27N, R3W

12. COUNTY OR PARISH

Rio Arriba

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 a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL WELL ☐ GAS WELL ☒ OTHER2. NAME OF OPERATOR
Jerome P. McHugh3. ADDRESS OF OPERATOR
P. O. Box 234, Farmington, NM 874014. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface

990' FNL - 1650' FEL

14. PERMIT NO.

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

6938' 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

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) perf & frac

(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.)*

9-30-78

PBTD 6115'. Wellex ran Bond log and gamma ray correlation logs. Perf w/1 jet per foot 5982-94, 5902-5907, 5884-5898, 5671-5680 5593-5599. Attempted to ball off perf. BD press 2100 psi. Dropped 60 7/8" rubber balls in 500 gals 15% HCl acid. BD press 2400 psi. Pumped @ 1100 psi @ 25 B/M. Got some ball action - 1500 psi @ 6 B/M. Ran 5-1/2" junk basket on rig sand line. Recovered balls. SWF by Dowell with 100,000# 20-40 sand, used 2394 gals water to load hole and get pumps on 99,834 gals water to frac and 6636 gals water to flush (water treated w/2-1/2# J-166 friction reducer per 1000 gals). Dropped 25 ball sealers in three stages got 300 psi increase with first 10, 300 psi increase on second stage of 10 balls and 150 psi increase on third stage of 5 balls. Maximum treating pressure 1900 psi, Minimum treating pressure 900 psi, Average treating pressure 1500 psi. ISDP 1150 psi - 15 minute shut in pressure 950 psi. Shut well in, job complete 6:30 p.m. 9-30-78.

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

SIGNED

Jim L. Jacobs

TITLE Agent

DATE

10-5-78

(Leave space for Federal or State office use)

APPROVED BY

TITLE

REASONS OF APPROVAL, IF ANY:

RECEIVED

OCT 6 1978