

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Contact No. 412

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Chacon Jicarilla

9. WELL NO.

11

10. FIELD AND POOL, OR WILDCAT

Ballard P.C.

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

Sec. 16-T23N-R3W

N.M.P.M.

12. COUNTY OR PARISH 13. STATE

Rio Arriba

N.M.

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

Dave M. Thomas, Jr.

3. ADDRESS OF OPERATOR

P. O. Box 2026, Farmington, New Mexico 87401

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

1850'FNL, 1850'FEL

14. PERMIT NO.

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

7363'G.L., 7374'D.F., 7375'K.B.

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\* ☐(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.)\*

See Attached for Fracture Treatment.



FOR: Dave M. Thomas, Jr.

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

SIGNED

Ewell N. Walsh, P.E.

(This space for Federal or State office use)

President, Walsh Engr.  
& Production Corp.

DATE 7-20-78

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

RECEIVED  
DATE

JUL 24 1978

\*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY  
DENVER, COLO.

# FRACTURE TREATMENT

Formation Pictured Cliffs Stage No. 1 Date 7/13/78

Operator Dave M. Thomas, Jr. Lease and Well Chacon Jicarilla No. 11

Correlation Log Type Gamma Collar From 3239 to 2450'

Temporary Bridge Plug Type -- Set At --

Perforations 3192' - 3200' 3206'-3218' 3220'-3222  
1 per foot type 3 1/2" Glass Strip Jets

Pad 2900 gallons. Additives 2 % Kcl. 2 lbs.  
FR-20 per 1000 gallons.

Water 55,000 gallons. Additives 2 % Kcl & 2 lbs  
FR-20 per 1000 gallons. HOWCO Suds with last  
30,000 gallons.

Sand 55,000 lbs. Size 20/40

Flush 2200 gallons. Additives 2% Kcl. 2 lbs.  
FR-20 & 1 gallon Howco Suds per 1000 gallons.

Breakdown 3000 psig

Ave. Treating Pressure 1000 psig

Max. Treating Pressure 1100 psig

Ave. Injecton Rate 44 BPM

Hydraulic Horsepower 1079 HHP

Instantaneous SIP 400 psig

5 Minute SIP 350 psig

10 Minute SIP 300 psig

15 Minute SIP 300 psig

Ball Drops: 6 Balls at 35,000 gallons 100 psig  
increa  
Balls at \_\_\_\_\_ gallons \_\_\_\_\_ psig  
increa  
Balls at \_\_\_\_\_ gallons \_\_\_\_\_ psig  
increa

Remarks: \_\_\_\_\_