

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Contract No. 55-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Chacon Jicarilla Apache "D"

9. WELL NO.

107

10. FIELD AND POOL, OR WILDCAT

Chacon Dakota Associated

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

SURVEY OR AREA  
Sec. 25-T23N-R3W  
N.M.P.M.

12. COUNTY OR PARISH

Sandoval

13. STATE

N.M.

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

DAVE M. THOMAS, JR.

3. ADDRESS OF OPERATOR

P.O. Box 2026 Farmington, N.M. 87401

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

See also space 17 below.)  
At surface  
990' FNL, 790' FWL

14. PERMIT NO.

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

7403' G.R., 7416' D.F., 7417' 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 FRACTURE TREATMENTS.

FOR: DAVE M. THOMAS, JR.

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

SIGNED

Ewell N. Walsh, P.E.

TITLE

President, Walsh Engr.  
& Production Corp.

DATE

7/31/79

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

JUL 31 1979

\*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.

## FRACTURE TREATMENT

Formation Dakota "B" Stage No. 1Date 7/19/79Operator Dave M. Thomas, Jr.

Chacon Jicarilla

Lease and Well Apache "D" 107Correlation Log Type GR & CCL From 7577' To 6900'

Temporary Bridge Plug Type \_\_\_\_\_ Set At \_\_\_\_\_

Perforations 7393' - 7407'  
2 Per foot type 3-1/2 Glass Strip Jet.Pad 7,500 gallons. Additives 1% Kcl. 30 lbs.  
Versagel per 1000 gallons. 1 gallon Frac Flo  
per 1000 gallons.Water 40,000 gallons. Additives 1% Kcl. 30 lbs.  
Versagel per 1000 gallons. 1 gallon Frac Flo  
per 1000 gallons.Sand 87,500 lbs. Size 20/40Flush 54,480 gallons. Additives 1% Kcl. 10 lbs.  
W.G-11& gallon Frac Flo per 1000 gallons.Breakdown 2600 psigAve. Treating Pressure 2600 psigMax. Treating Pressure 3700 psigAve. Injecton Rate 31 BPMHydraulic Horsepower 1975 HHPInstantaneous SIP 2400 psig5 Minute SIP 1950 psig10 Minute SIP 1800 psig15 Minute SIP 1700 psigBall Drops: None Balls at \_\_\_\_\_ gallons \_\_\_\_\_ psig  
\_\_\_\_\_ Balls at \_\_\_\_\_ gallons \_\_\_\_\_ psig  
\_\_\_\_\_ Balls at \_\_\_\_\_ gallons \_\_\_\_\_ psig  
\_\_\_\_\_ Balls at \_\_\_\_\_ gallons \_\_\_\_\_ psig

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

**Walsh** ENGINEERING & PRODUCTION CORP.

# FRACTURE TREATMENT

Formation Dakota "A" Stage No. 2

Date 7/19/79

Operator Dave M. Thomas, Jr.

Lease and Well Chacon Jicarilla Apache "D" 107

Correlation Log Type \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Temporary Bridge Plug Type Howco Speed-E-Line Set At 7360'

Perforations 7274'-7322'  
1 Per foot type 3-1/2" Glass Strip Jet

Pad 10,000 gallons. Additives 1% Kcl. 30 lbs.  
Versagel per 1000 gallons. 1 gallon Frac Flo  
per 1000 gallons.

Water 80,000 gallons. Additives 1% Kcl. 30 lbs.  
Versagel per 1000 gallons.

Sand 160,000 lbs. Size 20/40

Flush 4,870 gallons. Additives 1% Kcl. 10 lbs.  
W.G.I. 1 gallon Frac Flo per 1000 gallons.

Breakdown Pump In 2000 psig Spear head 250 gallons MCA 15%

Ave. Treating Pressure 3100 psig

Max. Treating Pressure 3250 psig

Ave. Injecton Rate 31 BPM

Hydraulic Horsepower 2355 HHP

Instantaneous SIP 2300 psig

5 Minute SIP 2100 psig

10 Minute SIP 2100 psig

15 Minute SIP 2050 psig

Ball Drops: 15 Balls at 40,000 gallons 100 psig  
10 Balls at 60,000 gallons 0 psig  
\_\_\_\_\_ Balls at \_\_\_\_\_ gallons \_\_\_\_\_ psig  
\_\_\_\_\_ Balls at \_\_\_\_\_ gallons \_\_\_\_\_ psig

Remarks: Pressure Test Bridge Plug with 4000 psig. Test ok.

**Walsh** ENGINEERING & PRODUCTION CORP.