

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Contract No. 412	
2. NAME OF OPERATOR DAVE M. THOMAS, JR.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
3. ADDRESS OF OPERATOR P. O. Box 2026 Farmington, New Mexico 87401		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 990'FNL, 790'FEL		8. FARM OR LEASE NAME Chacon Jicarilla Apache "D"	
14. PERMIT NO.		9. WELL NO. 8	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7309'GL, 7322'DF, 7323'KB		10. FIELD AND POOL, OR WILDCAT Chacon Dakota Associated	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 9-T23N-R3W N.M.P.M.	
		12. COUNTY OR PARISH Rio Arriba	
		13. STATE N.M.	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(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 TREATMENTS.

FOR: DAVE M. THOMAS, JR.

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

SIGNED Ewell N. Walsh
Ewell N. Walsh, P.E.

TITLE President, Walsh Engin. & Prod. Corp.

DATE 5/15/79

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side



MAY 17 1979

FRACTURE TREATMENT

Formation Dakota "E" Stage No. IDate 5/11/79Operator Dave M. Thomas, Jr.Lease and Well Chacon Jicarilla
Apache "D" No. 8

Correlation Log Type GR-CCL From 6800' To 7615'

Temporary Bridge Plug Type None Set At _____

Perforations 7436' - 7448'
2 Per foot type 3-1/2" Glass Strip Jet

Pad 7,650 gallons. Additives 1% Kcl. 2lbs.
FR-20 per 1000 gallons. 1 gallon Frac Flo per
1000 gallons. 15 lbs. Adomite per 1000 gallons.

Water 42,900 gallons. Additives 1% Kcl. 2lbs.
FR-20 per 1000 gallons. 15 lbs. Adomite per
1000 gallons.

Sand 40,000 lbs. Size 20-40

Flush 5,500 gallons. Additives 1% Kcl. 2lbs.
FR-20, 1 gallon Frac Flo per 1000 gallons, &
15 lbs. Adomite per 1000 gallons.

Breakdown 4000 psig

Ave. Treating Pressure 2400 psig

Max. Treating Pressure 2700 psig

Ave. Injecton Rate 42 BPM

Hydraulic Horsepower 2471 HHP

Instantaneous SIP 1200 psig

5 Minute SIP 1100 psig

10 Minute SIP 1000 psig

15 Minute SIP 900 psig

Ball Drops: NONE Balls at _____ gallons _____ psig
increase
_____ Balls at _____ gallons _____ psig
increase
_____ Balls at _____ gallons _____ psig
increase

Remarks: _____

Walsh ENGINEERING & PRODUCTION CORP.

FRACTURE TREATMENT

Formation Dakota "A" Stage No. 2Date 5/11/79Operator Dave M. Thomas, Jr.Lease and Well Chacon Jicarilla Apache "D" No. 8

Correlation Log Type -- From To

Temporary Bridge Plug Type Halliburton Speed-E-Line Set At 7420'

Perforations 7324'-7372'
1 Per foot type 3-1/2" Glass Strip Jet

Pad 13,500 gallons. Additives 1% Kcl. 2lbs.
FR-20 per 1000 gallons. 1 gallon Frac Flo per
1000 gallons. 15 lbs. Adomite per 1000 gallons.

Water 81,300 gallons. Additives 1% Kcl. 2lbs.
FR-20 per 1000 gallons. 15 lbs. Adomite per
1000 gallons.

Sand 80,000 lbs. Size 20-40

Flush 5,000 gallons. Additives 1% Kcl. 2lbs.
FR-20 per 1000 gallons.

Breakdown 2000 psig Note: Spearhead Acid into
 Ave. Treating Pressure 3100 psig formation and shut down.
 Max. Treating Pressure 3400 psig for Acid to soak.

Ave. Injecton Rate 51 BPM

Hydraulic Horsepower 3875 HHP

Instantaneous SIP 1400 psig

5 Minute SIP 1300 psig

10 Minute SIP 1200 psig

15 Minute SIP 1100 psig

Ball Drops: 10 Balls at 40,000 gallons 190 psig
10 Balls at 60,000 gallons 50 psig
 Balls at gallons psig

Remarks: Pressure test Bridge Plug with 4000 psig. Test ok.**Walsh** ENGINEERING & PRODUCTION CORP.