

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. 55-A
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 960'FNL, 800'FWL		8. FARM OR LEASE NAME Chacon Jicarilla Apache "D"
14. PERMIT NO.		9. WELL NO. 102
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7365'G.L., 7378'D.F., 7379'K.B.		10. FIELD AND POOL, OR WILDCAT Chacon Dakota Associated
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 23-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

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.

TITLE

President, Walsh Engin
& Prod. Corp.

DATE 11/15/78

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

FRACTURE TREATMENT

Formation Dakota "B" Stage No. 1

Date Nov. 5, 1978

Chacon Jicarilla

Operator Dave M. Thomas, Jr. Lease and Well Apache "D" No. 102

Correlation Log Gamma Ray
Type Corr. Collar From 7488' To 6000'

Temporary Bridge Plug Type None Set At _____

Perforations 7334'-7346' and 7351'-7357
2 Per foot type 3 1/2" Glass Strip Jets

Pad 9,900 gallons. Additives 1% Kcl. 2lbs.
FR-20 per 1000 gallons. 1 gallon Frac Flo per
1000 gallons.

Water 40,000 gallons. Additives 1% Kcl. 2lbs.
FR-20 per 1000 gallons. 15 lbs. Adomite Aqua
per 1000 gallons.

Sand 40,000 lbs. Size 20/40

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

Breakdown 4000 psig

Ave. Treating Pressure 3900 psig

Max. Treating Pressure 4000 psig

Ave. Injection Rate 25 BPM

Hydraulic Horsepower 2390 HHP

Instantaneous SIP 2700 psig

5 Minute SIP 1750 psig

10 Minute SIP 1700 psig

15 Minute SIP 1600 psig

Ball Drops: None Balls at _____ gallons _____ psig
increased
_____ Balls at _____ gallons _____ psig
increased
_____ Balls at _____ gallons _____ psig
increased

Remarks: _____

Walsh ENGINEERING & PRODUCTION CORP.

FRACTURE TREATMENT	
Formation <u>Dakota A</u> Stage No. <u>2</u>	Date <u>Nov. 6, 1978</u>
Operator <u>Dave M. Thomas, Jr.</u>	Lease and Well <u>Chacon Jicarilla Apache "D" No. 102</u>
Correlation Log	Gamma Ray Type <u>Corr. Collar</u> From <u>7488</u> To <u>6000</u>
Temporary Bridge Plug	Type <u>Howco Spped-E-Line</u> Set At <u>7320'</u>
Perforations	<u>7,222'-7,276'</u> <u>1</u> Per foot type <u>3½"</u> Glass Strip Jets
Pad	<u>9,800</u> gallons. Additives <u>1% Kcl. 2 lbs.</u> <u>FR-20 per 1000 gallons. 1 gallon Frac Flo per 1000 gallons.</u>
Water	<u>80,000</u> gallons. Additives <u>1% Kcl. 2 lbs.</u> <u>FR-20 per 1000 gallons.</u>
Sand	<u>80,000</u> lbs. Size <u>20/40</u>
Flush	<u>5,000</u> gallons. Additives <u>1% Kcl. 2 lbs.</u> <u>FR-20 & 1 gallon Frac Flo per 1000 gallons.</u>
Breakdown	<u>3000</u> psig
Ave. Treating Pressure	<u>3900</u> psig
Max. Treating Pressure	<u>4000</u> psig
Ave. Injection Rate	<u>36</u> BPM
Hydraulic Horsepower	<u>3441</u> HHP
Instantaneous SIP	<u>2700</u> psig
5 Minute SIP	<u>2000</u> psig
10 Minute SIP	<u>1850</u> psig
15 Minute SIP	<u>1750</u> psig
Ball Drops:	<u>None</u> Balls at _____ gallons _____ psig _____ Balls at _____ gallons _____ psig _____ Balls at _____ gallons _____ psig

Remarks:

Walsh ENGINEERING & PRODUCTION CORP.