

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE\*  
(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.)

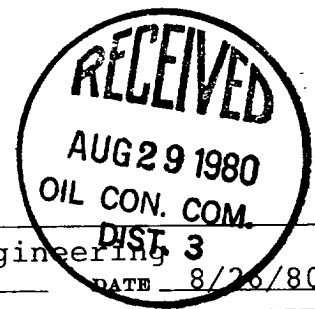
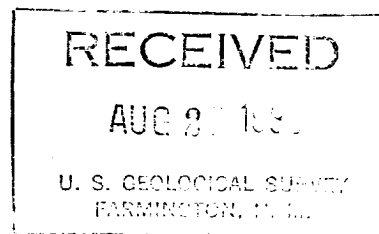
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Contract No. 55-A
2. NAME OF OPERATOR DAVE M. THOMAS, JR.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache
3. ADDRESS OF OPERATOR P. O. Box 2026 Farmington, N.M. 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 1830'FSL, 1830'FEL		8. FARM OR LEASE NAME Chacon Jicarilla Apache
14. PERMIT NO.		9. WELL NO. 109
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7394'GL; 7407'DF; 7408'KB		10. FIELD AND POOL, OR WILDCAT Chacon Dakota Associated
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 26-T23N-R3W N.M.P.M.
		12. COUNTY OR PARISH Sandoval
		13. STATE N.M.

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <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 Fracture Treatments.



FOR: DAVE M. THOMAS, JR.

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

SIGNED: EWELL N. WALSH President, Walsh Engineering  
Ewell N. Walsh, P.E. TITLE & Production Corp.

(This space for Federal or State office use)

APPROVED: ACCEPTED FOR RECORD DATE: 8/26/80

CONDITIONS OF APPROVAL, IF ANY:

AUG 28 1980

BY RW FARMINGTON DISTRICT

\*See Instructions on Reverse Side

NMOCC

# FRACTURE TREATMENT

Formation Dakota "B" Stage No. 1

Date 8/20/80

Operator Dave M. Thomas, Jr.

Lease and Well Chacon Jicarilla Apache D-109

Correlation Log Type GR-CCL From 6100 To 7516

Temporary Bridge Plug Type None Set At \_\_\_\_\_

Perforations 7347'-7359' & 7362'-7369'  
1 Per foot type 3 1/2" Glass Strip Jet

Pad 7,030 gallons. Additives 1% Kcl. 2 lbs.  
FR-20 per 1000 gallons. 1 gallon Frac Flo per  
1000 gallons. 15 lbs. Adomite per 1000 gallons

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

Sand 40,000 lbs. Size 40-60

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

Breakdown 2400 psig

Ave. Treating Pressure 2800 psig

Max. Treating Pressure 3300 psig

Ave. Injection Rate 30.0 BPM

Hydraulic Horsepower 2059 HHP

Instantaneous SIP 2100 psig

5 Minute SIP 1500 psig

10 Minute SIP 1480 psig

15 Minute SIP 1430 psig

Ball Drops: None Balls at \_\_\_\_\_ psig  
\_\_\_\_\_ Balls at \_\_\_\_\_ gallons \_\_\_\_\_ psig  
\_\_\_\_\_ Balls at \_\_\_\_\_ gallons \_\_\_\_\_ psig  
\_\_\_\_\_ Balls at \_\_\_\_\_ gallons \_\_\_\_\_ psig

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

**Walsh** ENGINEERING & PRODUCTION CORP.



## FRACTURE TREATMENT

Formation Dakota Stage No. 2Date 8/21/80

Chacon Jicarilla

Operator Dave M. Thomas, Jr.Lease and Well Apache "D" 109

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

Temporary Bridge Plug Type Halco Speed-E-Line Set At 7320Perforations 7233-7294  
1 Per foot type 3 1/2" Glass Strip JetPad 10,000 gallons. Additives 1% Kcl. 2 lbs.  
FR-20 per 1000 gallons. 1 gallon Frac Flo per  
1000 gallons. 15 lbs. Adomite per 1000 gallons.Water 80,000 gallons. Additives 1% Kcl. 2 lbs.  
FR-20 per 1000 gallons. 15 lbs. Adomite per  
1000 gallonsSand 80,000 lbs. Size 20-40Flush 5,500 gallons. Additives 1% Kcl. 2 lbs.  
FR-20 & gallon Frac Flo per 1000 gallons.  
15 lbs. Adomite per 1000 gallons.Breakdown 1750 psigAve. Treating Pressure 2900 psigMax. Treating Pressure 3300 psigAve. Injection Rate 38 BPMHydraulic Horsepower 2701 HHPInstantaneous SIP 2200 psig5 Minute SIP 1650 psig10 Minute SIP 1610 psig15 Minute SIP 1550 psigBall Drops: 20 Balls at 40,000 gallons 120 psig  
increas  
10 Balls at 60,000 gallons 40 psig  
increas  
\_\_\_\_\_ Balls at \_\_\_\_\_ gallons \_\_\_\_\_ psig  
increas

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

**Walsh** ENGINEERING & PRODUCTION CORP.