

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse 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 ☒ GAS WELL ☐ OTHER ☐		5. LEASE DESIGNATION AND SERIAL NO. Contract No. 413	
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 790'FSL, 1850'FEL		8. FARM OR LEASE NAME Chacon Jicarilla Apache "D"	
14. PERMIT NO.		9. WELL NO. 9	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7437'GL, 7450'DF, 7451'KB		10. FIELD AND POOL, OR WILDCAT Chacon Dakota Associated	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23-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 ☐	PULL OR ALTER CASING ☐	WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐	FRACTURE TREATMENT ☒	ALTERING CASING ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐	SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
REPAIR WELL ☐	CHANGE PLANS ☐	(Other) ☐	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

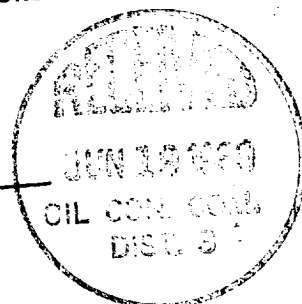
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHED FOR FRACTURE TREATMENTS.

ACCEPTED FOR RECORD

JUN 18 1980

FARMINGTON DISTRICT
BY *[Signature]*



FOR: DAVE M. THOMAS, JR.

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

SIGNED <u>EWELL N. WALSH</u>	TITLE <u>President, Walsh Engr. & Prod. Corp.</u>	DATE <u>6/5/80</u>
(This space for Federal or State office use)		

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions on Reverse Side

FRACTURE TREATMENT

Formation Dakota Stage No. 1 Date 5/31/80
 Operator DAVE M. THOMAS, JR. Lease and Well Chacon Jicarilla Apache "D" No. 9

Correlation Log Type GR-CCl From 7592' To 6100'

Temporary Bridge Plug Type _____ Set At _____

Perforations 7452'-7472'
2 Per foot type 3-1/2" Glass Strip Jets

Pad 8,356 gallons. Additives 1 % KCl. 2 lbs
FR-20 per 1000 gallons. 2 gallon Frac Flo per
1000 gallons. 15 lbs. Adomite and 1 gallon Emulsion
Breaker per 1000 gallons.

Water 40,000 gallons. Additives 1 % KCl. 2 lbs
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. 2 lbs
FR-20 & 15 lbs. Adomite and 1 gallon Emulsion
Breaker per 1000 gallons.

Breakdown 4000 psig Start at 9:55 AM. Rams Closed
 Attempt to breakdown formation.
 4500 lb. No success. Bleed off
 pressure to 60 lb. Pressure back
 up to 4000 lb. No results. Bleed
 off pressure to 0. Pressure back
 up to 4000 lbs. no results. Bled
 off. To run tubing. Run tubing.
 Broke down formation with 4000
 psig. Pulled tubing. Treated
 well.

Ave. Treating Pressure 3400 psig

Max. Treating Pressure 3650 psig

Ave. Injection Rate 29 BPM

Hydraulic Horsepower 2417 HHP

Instantaneous SIP 2150 psig

5 Minute SIP 1800 psig

10 Minute SIP 1700 psig

15 Minute SIP 1700 psig

Ball Drops: 10 Balls at 20,000 gallons 400 psig
 _____ Balls at _____ gallons _____ psig
 _____ Balls at _____ gallons _____ psig
 _____ Balls at _____ gallons _____ psig

Remarks: _____

Walsh ENGINEERING & PRODUCTION CORP.

Formation Dakota Stage No. 2

FRAC TREATMENT

Date 5/31/80

Operator DAVE M. THOMAS, JR.

Lease and Well Jicarilla Apache "D" No. 9

Correlation Log

Type _____ From _____ To _____

Temporary Bridge Plug

Type Howco Speed-E-Line Set At 7446'

Perforations

7339'-7384') 7423'-7427') 2 holes

7391'-7405') 1 hole per ft. per foot

Per foot type 3-1/2" Glass Strip Jets

Pad

10,000 gallons. Additives 1% KCl. 2 lb

FR-20 per 1000 gallons. 1 gallon Frac Flo per

1000 gallons. 15 lbs. Adomite and 1 gallon Emulsion

Breaker per 1000 gallons.

Water

78,140 gallons. Additives 1% KCl. 2 lb

FR-20 per 1000 gallons. 15 lbs. Adomite per

1000 gallons.

Sand

92,500 lbs. Size 20-40

Flush

5,000 gallons. Additives 1% KCl. 2 lb

FR-20 & gallon Frac Flo per 1000 gallons.

Breakdown

Communications
when perforated psig

Ave. Treating Pressure

3700 psig

Max. Treating Pressure

3900 psig

Ave. Injecton Rate

40 BPM

Hydraulic Horsepower

3628 HHP

Instantaneous SIP

2300 psig

5 Minute SIP

1900 psig

10 Minute SIP

1800 psig

15 Minute SIP

1800 psig

Ball Drops:

10 Balls at 35,000 gallons 250 psig

5 Balls at 49,000 gallons 150 incre

psig

5 Balls at 56,500 gallons 150 incre

psig

incre

Remarks:

Walsh ENGINEERING & PRODUCTION CORP.