

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'FSL, 990'FEL		8. FARM OR LEASE NAME Chacon Jicarilla	
14. PERMIT NO.		9. WELL NO. 4	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7283'GL, 7296'DF, 7297'KB		10. FIELD AND POOL, OR WILDCAT Chacon Dakota	
		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 New Mex.	

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)			

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)			

(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.)*

10-6-76 PBTD

Perforated Dakota "B" Zone 7400' to 7422' with two shots per foot.
Sandwater fracture as follows:

Pad	- 8,000 gals w/1%KCl, 2½ lbs. FR2X per 1000 gals & 1 gal. per 1000 gals FS-F.
Water	-40,278 gallons w/1% KCl, 2½ lbs. FR2X per 1000 gals. & 1 gal. per 1000 gallons FS-F in first 2,000 gallons
Sand	-40,000 lbs 20-40
Flush	- 5,460 gals
Breakdown Pressure	- 4,000 psig
Average Treating Press.	- 3,200 psig
Maximum Treating Press.	- 3,300 psig
Average Injection Rate	- 43 BPM
Hydraulic Horsepower	- 3,373 HHP
Instantaneous SIP	- 1,300 psig
5 minute SIP	- 1200 psig; 10 minute SIP - 1150 psig; 15 min. SIP - 1100 psig

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U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

18. I hereby certify that the foregoing is true and correct
For: Dave M. Thomas, Jr.

SIGNED Ewell N. Walsh, P. E.
(This space for Federal or State office use)

President, Walsh Engineering
& Prod. Corporation

DATE Nov. 15, 1976

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

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Dave M. Thomas, Jr.
Chacon Jicarilla Apache "D" No. 4
Jicarilla Apache Contract No. 412

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

10-6-76 cont'd

Set temporary bridge plug at 7370'. Perforate Dakota "A" 7285'-7332' with one shot per foot. Sandwater frac as follows:

Pad	-16,800 gallons w/1% KCl 2½ lbs FR2X per 1000 gals & 1 gal per 1000 gallon FS-F in first 10,000 gallons
Water	-78,000 gallons w/1%KCl & 2½ lbs. FR2X per 1000 gals.
Sand	-80,000 lbs. 20-40
Flush	- 4,500 gals.
Breakdown pressure	- None psig
Average treating press.	- 3,500 psig
Maximum treating press.	- 3,550 psig
Average Injection rate	- 49.5 BPM
Hydraulic Horsepower	- 4,246 HHP
Instantaneous SIP	- 1,500 psig
5 minute SIP	- 1,450 psig
10 minute SIP	- 1,400 psig
15 minute SIP	- 1,300 psig



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