

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

## SUNDRY NOTICES AND REPORTS

(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"/>		NOV 17 1976	
2. NAME OF OPERATOR Dave M. Thomas, Jr.		U. S. GEOLOGICAL SURVEY DURANGO, COLO.	
3. ADDRESS OF OPERATOR P. O. Box 2026, Farmington, New Mexico 87401		8. FARM OR LEASE NAME Chacon Jicarilla	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 330'FNL, 2310'FWL		9. WELL NO. 5	
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7359'GR, 7372'DF, 7373'KB	
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT Chacon Dakota	
NOTICE OF INTENTION TO:		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec.16-T23N-R3W N.M.P.M.	
TEST WATER SHUT-OFF <input type="checkbox"/>		12. COUNTY OR PARISH Rio Arriba	
FRACTURE TREAT <input type="checkbox"/>		13. STATE New Mexico	
SHOOT OR ACIDIZE <input type="checkbox"/>			
REPAIR WELL <input type="checkbox"/>			
(Other) <input type="checkbox"/>			
PULL OR ALTER CASING <input type="checkbox"/>			
MULTIPLE COMPLETE <input type="checkbox"/>			
ABANDON* <input type="checkbox"/>			
CHANGE PLANS <input type="checkbox"/>			
WATER SHUT-OFF <input type="checkbox"/>			
FRACTURE TREATMENT <input checked="" type="checkbox"/>			
SHOOTING OR ACIDIZING <input type="checkbox"/>			
(Other) <input type="checkbox"/>			

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.)\*

11-10-76

Perforate Dakota "B" 7476'-7492' with two shots per foot. Sandwater frac as follows:

Pad	- 8,000 gals w/1%KCl, 2½ lbs FR2X per 1000 gals. & 1 gal. per 1000 gals. FS-F	Max. press. -2450 psig Ave. Injection Rate- 37 BPM Hydraulic Horsepower2040 HHP Instantaneous SIP -1250 psig
Water	- 40,000 gallons w/1% KCl, 2½ lbs FR2X per 1000 gals & 1 gal. per 1000 gals FS-F in first 2000 gallons	5 minute SIP -1200 psig 10 minute SIP -1100 psig 15 minute SIP -1100 psig
Sand	- 40,000 lbs. 20-40	
Flush	- 5,460 gals.	
Breakdown Pressure	- 2,000 psig	
Ave. Treating Press.	- 2,250 psig	

Set temporary bridge plug at 7450'. Perforate Dakota "A" 7358-7396' and 7413'-7419' with one shot per foot. Sandwater frac as follows:

Pad	-12,000 gals w/1%KCl, 2½ lbs FR2X per 1000 gals & 1 gal per 1000 gals FS-F
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For: Dave M. Thomas, Jr.

(See attachment for cont.)

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

SIGNED

Ewell N. Walsh, P. E.

TITLE

President, Walsh Engineering &  
Production Corp.

DATE

November 12, 1976

(This space for Federal or State office use)

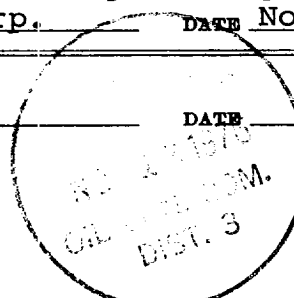
APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side



RECEIVED

NOV 1 1962

U.S. AIR FORCE  
OFFICE OF THE  
JOINT CHIEFS OF STAFF

RECEIVED

NOV 17 1976

Dave M. Thomas, Jr.  
Chacon Jicarilla Apache "D" No. 5  
Jicarilla Apache Contract No. 412

U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.

Water	- 80,000 gallons w/1% KCl
	2½ lbs FR2X per 1000 gals & 1 gal
	per 1000 gallons in first 3000 gals.
Sand	- 80,000 lbs. 20-40
Flush	- 5,000 gallons
Breakdown press.	- 1,500 psig
Average Treating pressure	- 2,700 psig
Maximum Treating pressure	- 2,900 psig
Average Injection Rate	- 41 BPM
Hydraulic Horsepower	- 2,713 HHP
Instantaneous SIP	- 1,400 psig
5 minute SIP	- 1,400 psig
10 minute SIP	- 1,300 psig
15 minute SIP	- 1,200 psig

