

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK a. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> 2. NAME OF OPERATOR DAVE M. THOMAS, JR. 3. ADDRESS OF OPERATOR P.O. Box 2026 Farmington, N.M. 87401 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 990' FNL, 790' FEL At proposed prod. zone Same 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Not Applicable 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 990' (Also to nearest drlg. unit line, if any) 16. NO. OF ACRES IN LEASE -- 17. NO. OF ACRES ASSIGNED TO THIS WELL 160 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2180' 19. PROPOSED DEPTH 7700' 20. ROTARY OR CABLE TOOLS Rotary 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7309'GR, 7322'DF, 7323'KB 22. APPROX. DATE WORK WILL START* 12/26/78			50-039-21981 6. INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache 7. UNIT AGREEMENT NAME Chacon Jicarilla Apache "D" 8. FARM OR LEASE NAME Chacon Jicarilla Associated 9. WELL NO. 8 10. FIELD AND POOL, OR WILDCAT Chacon Dakota Associated 11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 9-T23N-R3W N.M.P.M. 12. COUNTY OR PARISH Rio Arriba 13. STATE N.M.		
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## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.0	250'	250 Sacks
7-7/8"	4-1/2"	10.50&11.60	7700'	To be determined

It is proposed to drill this well with rotary tools, using oil base mud as circulation medium, through the Dakota Formation. Possible productive zones in the Dakota Formation will be completed. Production casing will be cemented in such a manner as to protect the Pictured Cliffs Formation.

Estimated Formation Tops

Pictured Cliffs	3160'	Green Horn	7260'
Cliff House	4728'	Graneros	7298'
Gallup	6250'	Dakota	7318'

The NW/4 Section 8 is dedicated to this well.

The natural gas produced from this well is committed.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. FOR: DAVE M. THOMAS, JR. SIGNED <i>[Signature]</i> Ewell N. Walsh, P.E. (This space for Federal or State office use)	PRESIDENT, Walsh Engineering & Production Corp. DATE 12/14/78
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PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:*ok Frank*

\*See Instructions On Reverse Side

RECEIVED  
DEC 15 1978U. S. GEOLOGICAL SURVEY  
FARMINGTON, N.M.

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-11  
Supersedes O-1, 2, 3  
Effective 1-1-67

All distances must be from the outer boundaries of the Section

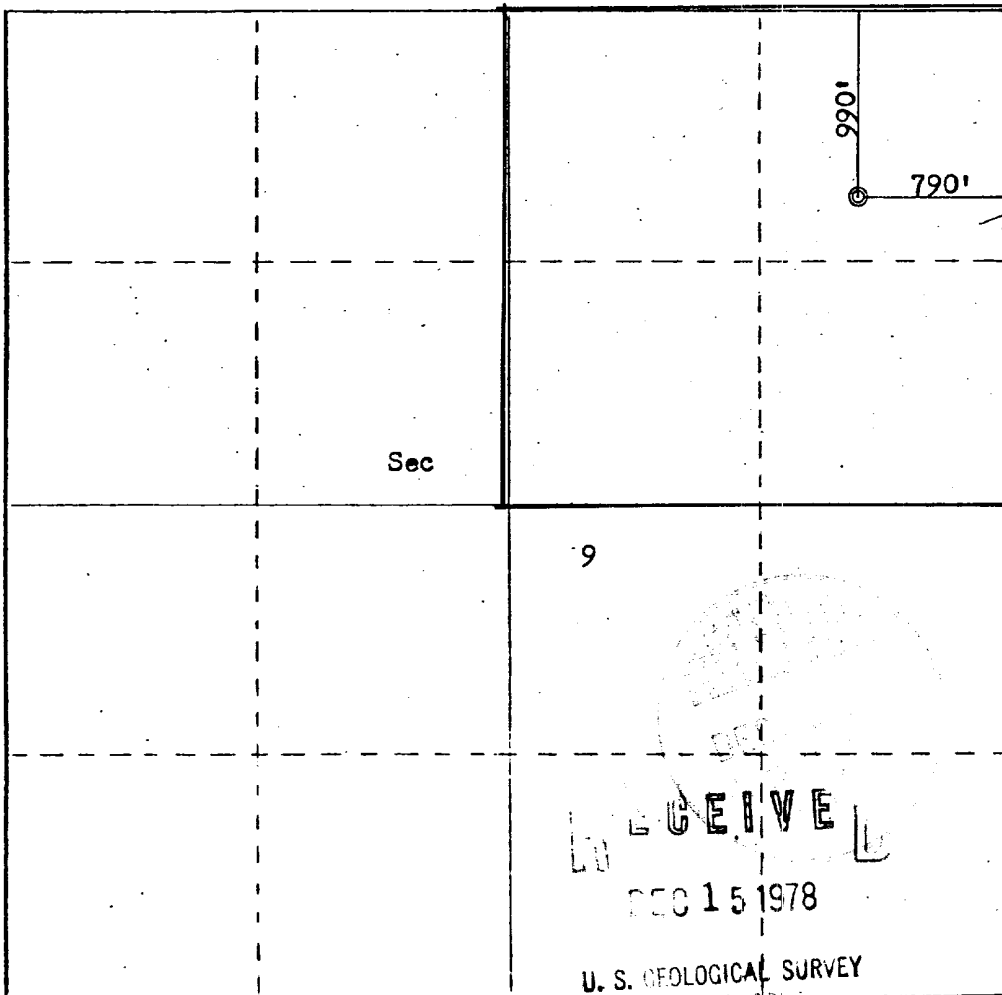
Operator <b>DAVE M. THOMAS JR.</b>			Lease <b>CHACON-JICARILLA APACHE "D"</b>		Well No. <b>8</b>
Grid Letter <b>A</b>	Section <b>9</b>	Township <b>23N</b>	Range <b>3W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well:					
<b>990</b>		feet from the	<b>North</b>	line and	<b>790</b>
				feet from the	<b>East</b>
Ground Level Elev. <b>7309'</b>	Producing Formation <b>Dakota</b>		Pool <b>Chacon Dakota Associated</b>		Dedicated Acreage <b>160</b>
					Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  
FOR: **DAVE M. THOMAS JR.**

Name  
**Ewell N. Walsh, P.E.**

Position  
**President**

Company  
**Walsh Engin. & Prod. Corp.**

Date  
**12/14/78**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

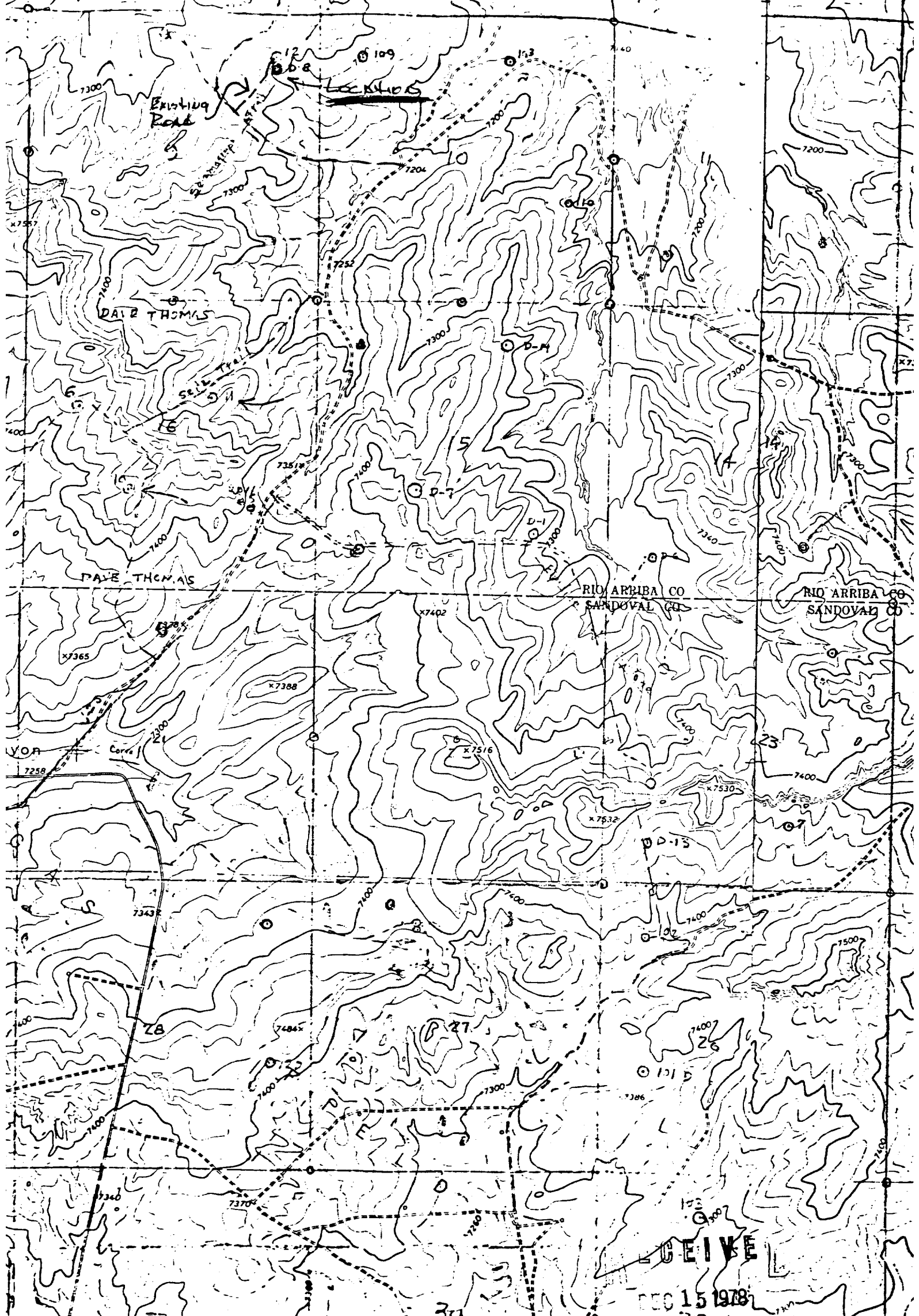
Date Surveyed  
**December 2, 1978**

Registered Professional Engineer and/or Land Surveyor  
**3950**

**Fred S. Kerr, Jr.**

Certificate No.  
**3950**

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500



Vicinity Map for  
DAVE M. THOMAS JR. #8 CHACON-JICARILLA APACHE "D"  
990'FNL 790'FEL Sec 9-T23N-R3W  
RIO ARriba COUNTY, NEW MEXICO

U. S. GEOLOGICAL SURVEY