

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐OTHER ☐SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

DAVE M. THOMAS, JR.

## 3. ADDRESS OF OPERATOR

P.O. Box 2026, Farmington, New Mexico 87401

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

790'FSL, 1850'FEL (SW/4SE/4 - Unit 0)

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.  
(Also to nearest drlg. unit line, if any)

790'

## 16. NO. OF ACRES IN LEASE

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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.

3700'

## 19. PROPOSED DEPTH

7706

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7437'GL, 7450'DF, 7151'KB

## 22. APPROX. DATE WORK WILL START\*

12-1-79

## 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	7706'	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	3134'	Greenhorn	7187'
Cliff House	4631'	Graneros	7301'
Gallup	6234'	Dakota	7321'

The SE/4, Section 23 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. President, Walsh Engineering

Ewell N. Walsh, P.E.

TITLE &amp; Production Corp.

DATE Aug. 15, 1979

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

ah 3/24

DATE

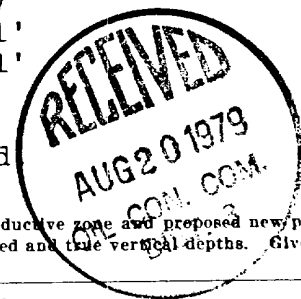
AUG 17 1979

\*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.

State

30-039-20430  
5. LEASE DESIGNATION AND SERIAL NO.  
Contract No. 413  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Jicarilla Apache  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
Chacon Jicarilla  
Apache "D"  
9. WELL NO.  
10. FIELD AND POOL, OR WILDCAT  
Chacon Dakota  
Associated Pool  
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  
NM



All distances must be from the outer boundaries of the Section.

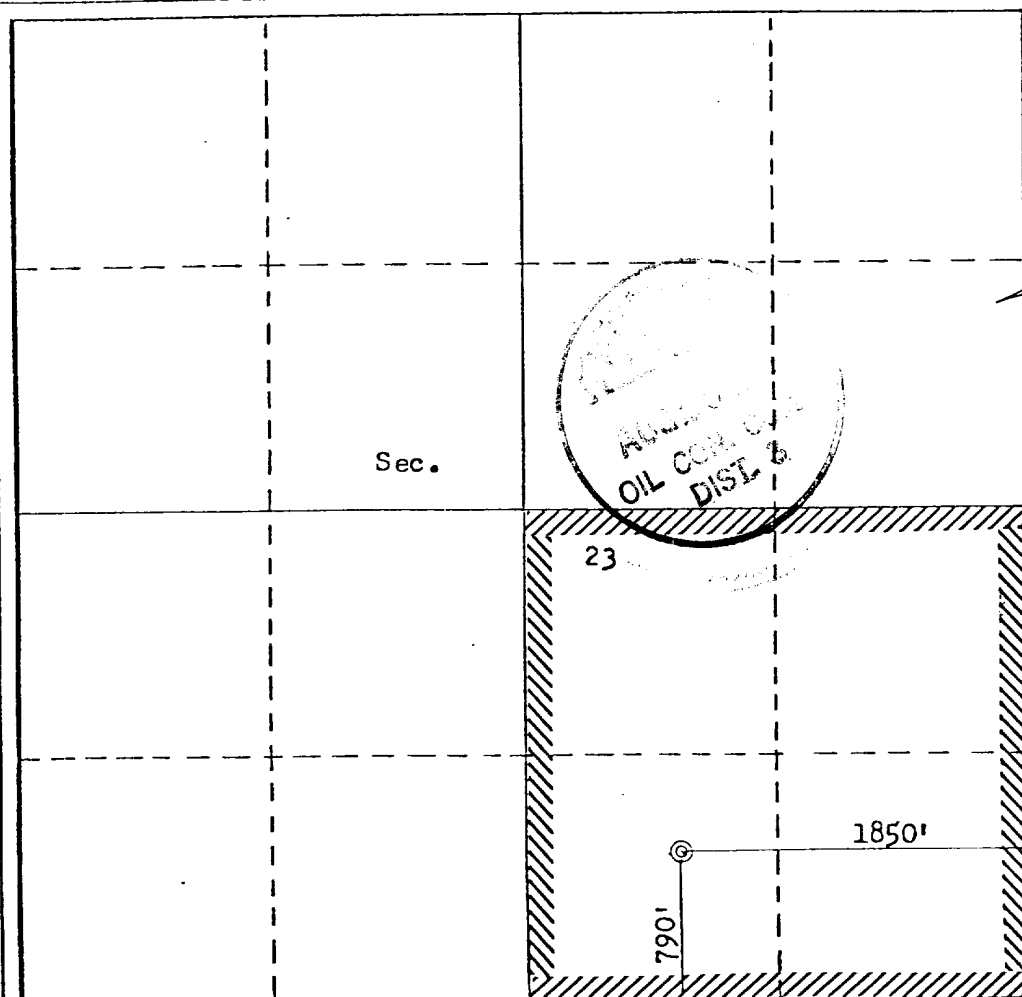
Operator <b>DAVE M. THOMAS JR.</b>			Lease <b>CHACON JICARILLA APACHE "D"</b>		Well No. <b>9</b>
Unit Letter <b>0</b>	Section <b>23</b>	Township <b>23N</b>	Range <b>3W</b>	County <b>SANDOVAL</b>	
Actual Footage Location of Well: <b>790'</b> feet from the <b>South</b> line and <b>1850</b> feet from the <b>East</b> line					
Ground Level Elev. <b>7437</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 hachure 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  
Position **Ewell N. Walsh, P.E.**  
**President**  
Company **Walsh Engineering & Production Corp.**

Date  
**Aug. 15, 1979**

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 **August 10, 1979**  
Registered Professional Engineer and/or Land Surveyor **3053**  
Fred B. Kerr Jr.  
**Fred B. Kerr Jr., JR.**

Certificate No.  
**3950**

