

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'FNL, 1850'FEL, (NW/4 NE/4 - Unit B)

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)

1850'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1580'

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

7528

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160.09

20. ROTARY OR CABLE TOOLS

Rotary

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

7346'GL, 7359'DF, 7350'KB

22. APPROX. DATE WORK WILL START*

Sandoval

NM

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 | 7528 | 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
Cliff House
Gallup2915'
4460'
6005'Green horn
Graneros
Dakota7055'
7110'
7138'

The NE/4 Section 35 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

Ewell N. Walsh, P.E.

TITLE

President, Walsh Engin. & Prod. Corp. DATE August 16, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ak Fnd

*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

30-093-20433

5. LEASE DESIGNATION AND SERIAL NO.

Contract No. 55-A

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.

110

10. FIELD AND POOL, OR WILDCAT

Chacon Dakota
Associated Pool

11. SEC., T., R., M., OR BLK.

AND SURVEY OR AREA

Sec. 35-T23N-R3W
N.M.P.M.

12. COUNTY OR PARISH

Sandoval

NM

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

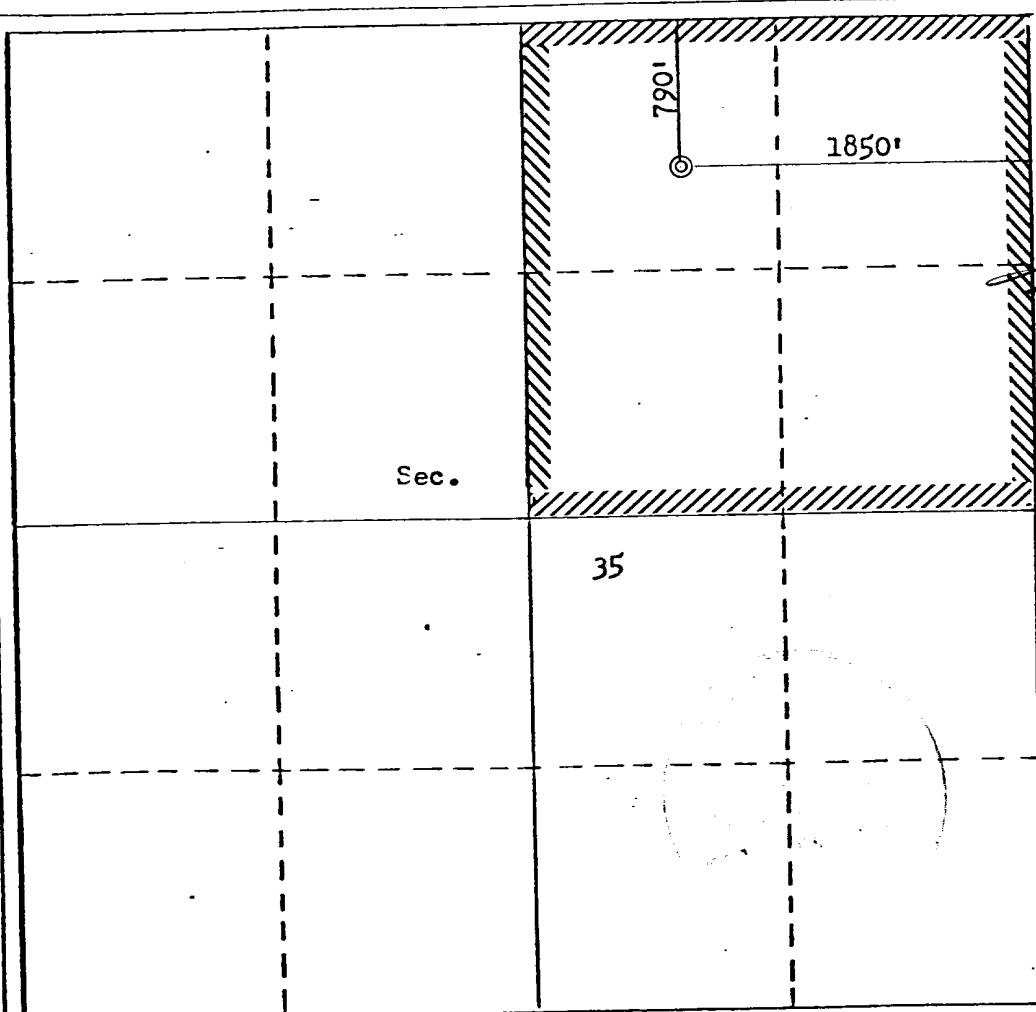
| | | | | |
|--|--------------------------------------|---|---|---------------------------|
| Operator DAVE M. THOMAS JR. | | Lease CHACON JICARILLA APACHE "D" | | Well No. 110 |
| Unit Letter B | Section 35 | Township 23N | Range 3W | County Sandoval |
| Actual Footage Location of Well: | | | | |
| 790 feet from the North line and | | 1850 feet from the East line | | |
| Ground Level Elev. 7346 | Producing Formation Dakota | Pool Chacon Dakota Associated | Dedicated Acreage: 160.03 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.

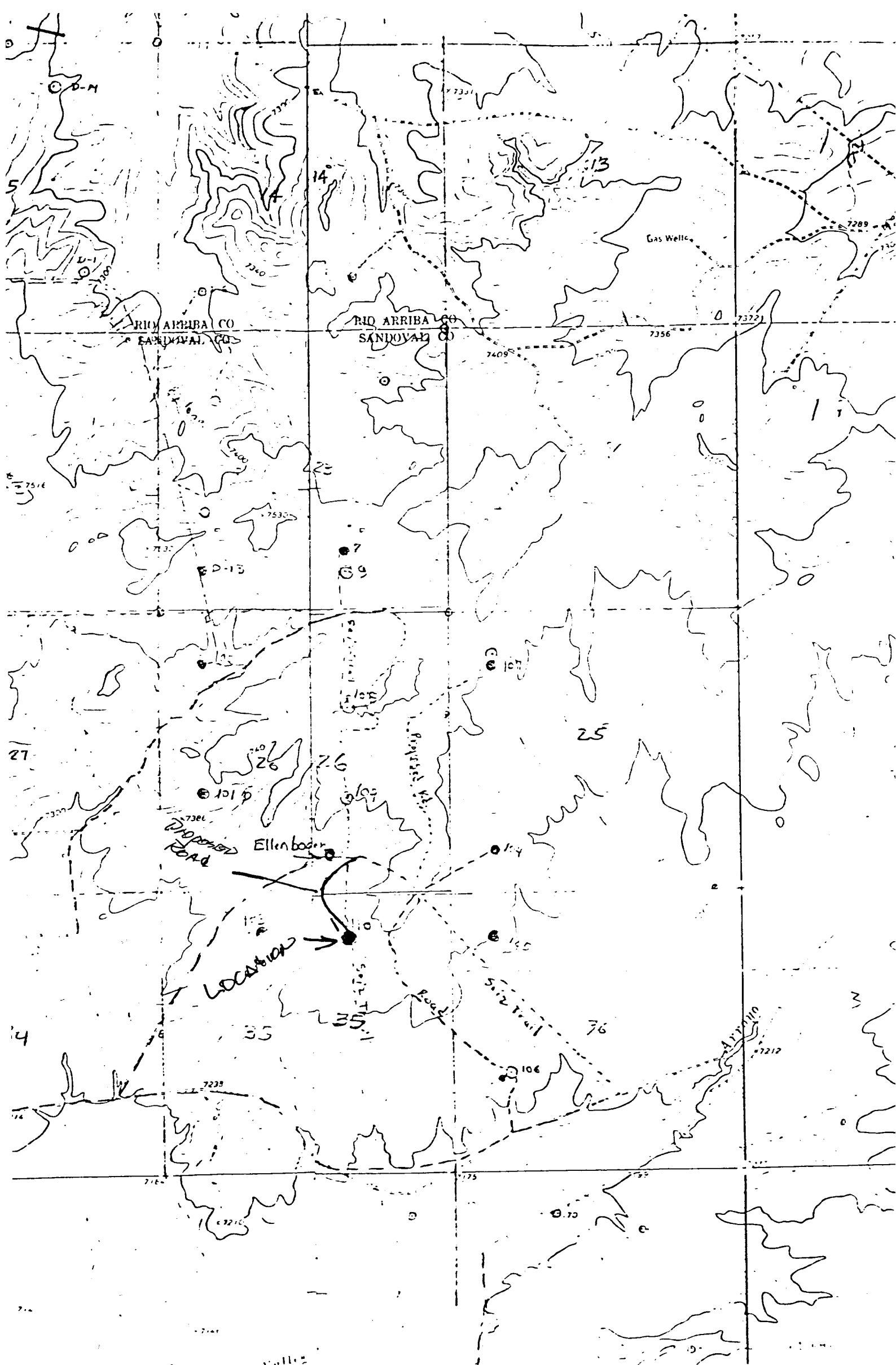
For: Dave M. Thomas, Jr.

Name Ewell N. Walsh
 Position **Ewell N. Walsh, P.E.**
President
 Company **Walsh Engineering & Production Corp.**
 Date
August 16, 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 16, 1979**
 Registered Professional Engineer
 and/or Land Surveyor
Fred B. Kerr
 Certificate No. **3950**

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



Vicinity Map for
DAVE M. THOMAS JR. #110 CHACON JICARILLA APACHE "D"
790'FNL 1850'FEL Sec 35-T23N-R3W
SANDOVAL COUNTY, NEW MEXICO