

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 1850'FSL, 980'FWL
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) 980'

16. NO. OF ACRES IN LEASE --

17. NO. OF ACRES ASSIGNED TO THIS WELL 160.11

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2640'

19. PROPOSED DEPTH 7378'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7231'GR, 7244'DF, 7245'KB

22. APPROX. DATE WORK WILL START* 7/1/79

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	7378	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	2774'	Green Horn	6906'
Cliff House	4324'	Graneros	6970'
Gallup	5916'	Dakota	6996'

The SW/4 Section 36 is dedicated to this well.

The natural gas produced from this well is committed.

IN APPLICABLE 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 Engin. & Prod. Corp. DATE 5/10/79
SIGNED: Ewell N. Walsh, P.E. TITLE DATE
(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE DATE
CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form O-102
Revised 10-1-76

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

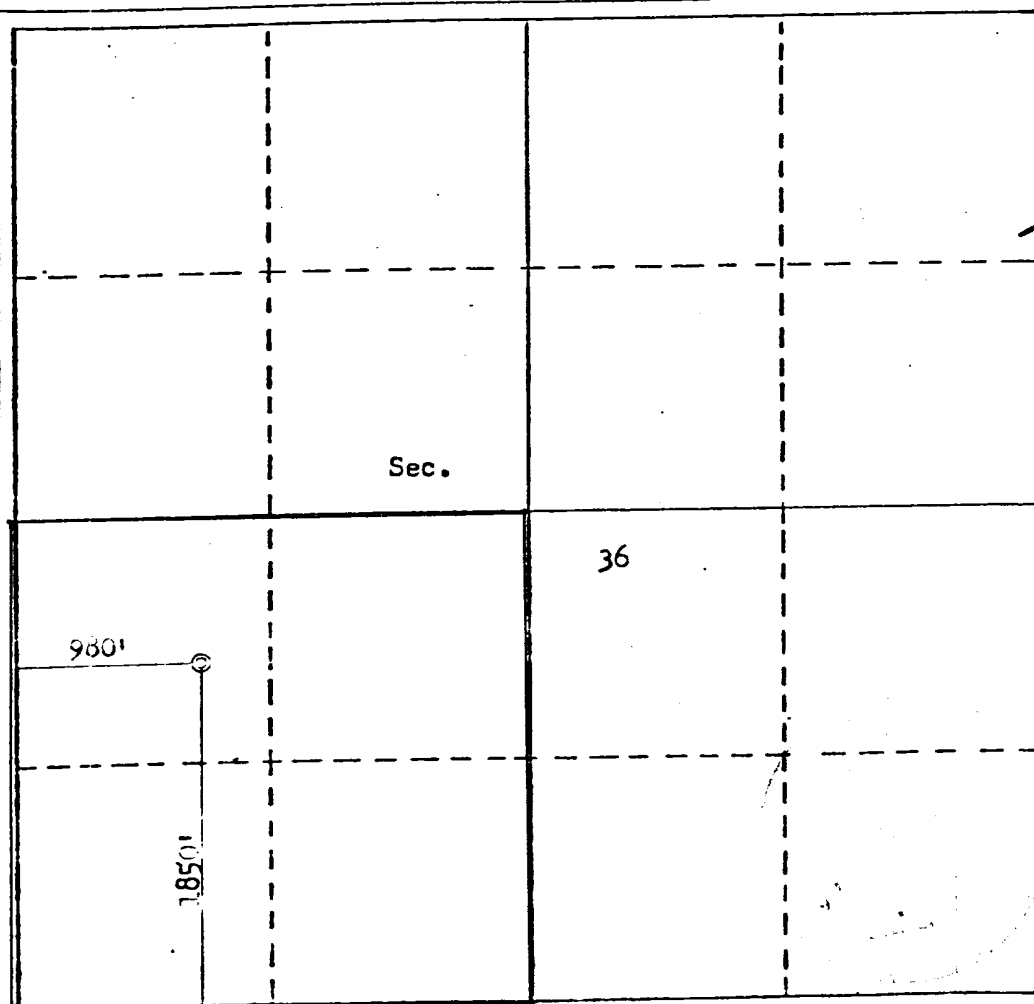
Operator DAVE M. THOMAS JR.		Lease CHACON JICARILLA APACHE "D"		Well No. 106
Unit Letter L	Section 36	Township 23N	Range 3W	County Sandoval
Actual Footage Location of Well: 1850 feet from the South line and 980 feet from the West line				
Ground Level Elev. 7231	Producing Formation Dakota	Pool Chacon Dakota Associated		Dedicated Acreage: 160 // <input checked="" type="checkbox"/> 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 Division.



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.

[Signature]
Name

Ewell N. Walsh, P.E.

Position

President

Company

Walsh Engin, & Prod. Corp.

Date

5/10/79

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

May 8, 1979

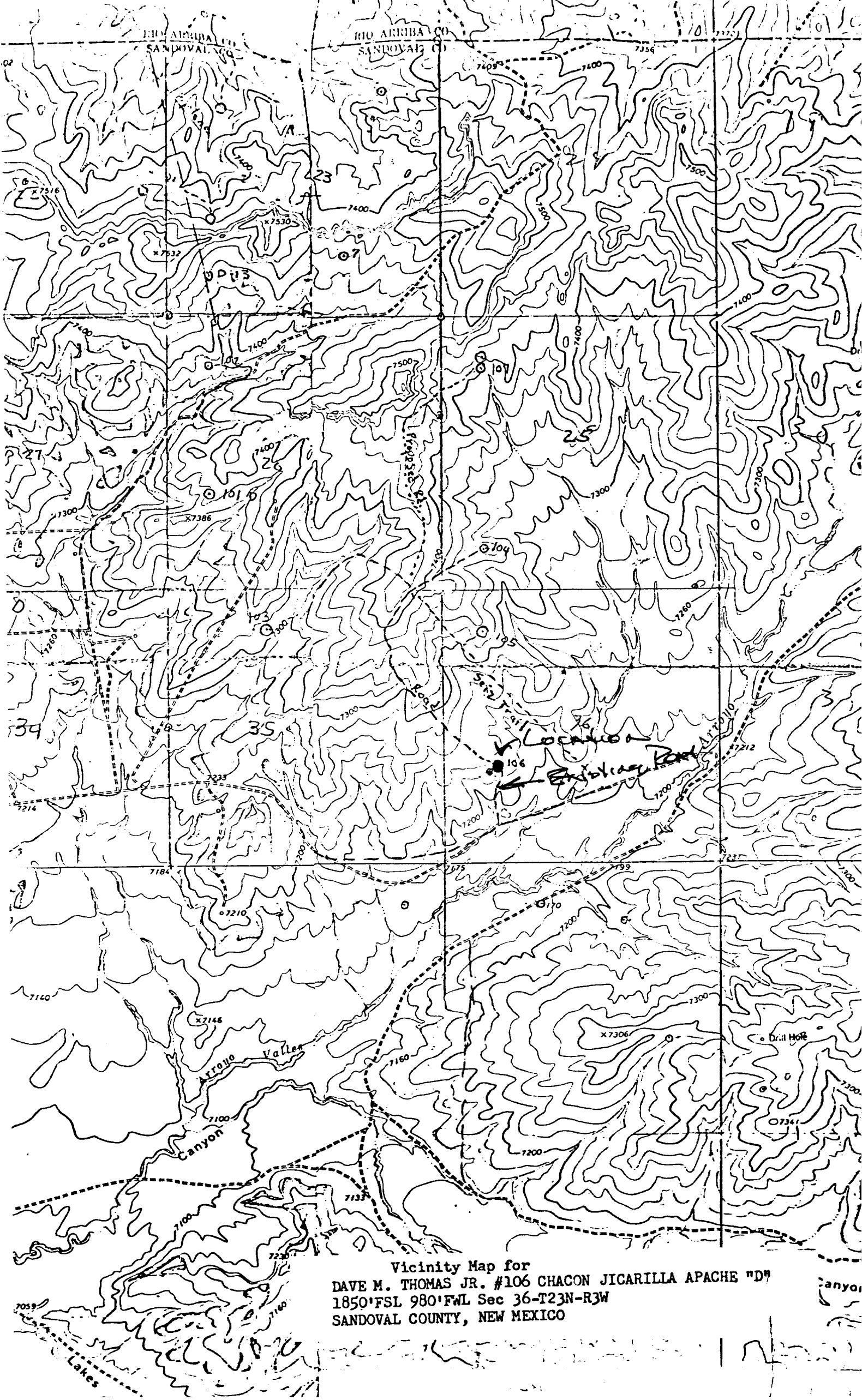
Registered Professional Engineer
and/or Land Surveyor

[Signature]
Fred B. Kerr Jr.

Certification No. MEXICO

3950 E. KERR, JR.

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600



Vicinity Map for
DAVE M. THOMAS JR. #106 CHACON JICARILLA APACHE "DN"
1850' FSL 980' FWL Sec 36-T23N-R3W
SANDOVAL COUNTY, NEW MEXICO