

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-037-21990

Contract No. 413

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Dave M. Thomas, Jr.			8. FARM OR LEASE NAME Chacon Jicarilla Apache "D"	
3. ADDRESS OF OPERATOR P.O. Box 2026 Farmington, New Mexico 87401			9. WELL NO. 7	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1840' FSL, 1850' FWL At proposed prod. zone Same			10. FIELD AND POOL, OR WILDCAT Chacon Dakota Associated Pool	
11. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Not Applicable			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 15-T23N-R3W N.M.P.M.	
12. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1850'			12. COUNTY OR PARISH 13. STATE Rio Arriba N.M.	
13. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2640'			14. NO. OF ACRES IN LEASE --	
14. ELEVATIONS (Show whether DF, RT, GR, etc.) 7384			15. NO. OF ACRES ASSIGNED TO THIS WELL 160	
15. APPROX. DATE WORK WILL START*			16. PROPOSED DEPTH 7698'	
16. ROTARY OR CABLE TOOLS Rotary			17. APPROX. DATE WORK WILL START*	

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	7698	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	3114'	Green Horn	7237'
Cliff House	4684'	Graneros	7298'
Gallup	6236'	Dakota	7318'

The SW/4 Section 15 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 Engin. & Prod. Corp. DATE 12/28/78
SIGNED: Ewell N. Walsh, P.E. TITLE DATE

(This space for Federal or State office use)

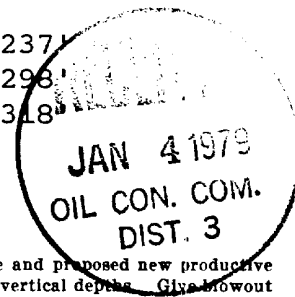
PERMIT NO. APPROVAL DATE

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

ok Frank

*See Instructions On Reverse Side



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-102
Superseded O-12,
Effective 1-1-77

All distances must be from the center foundation of the section

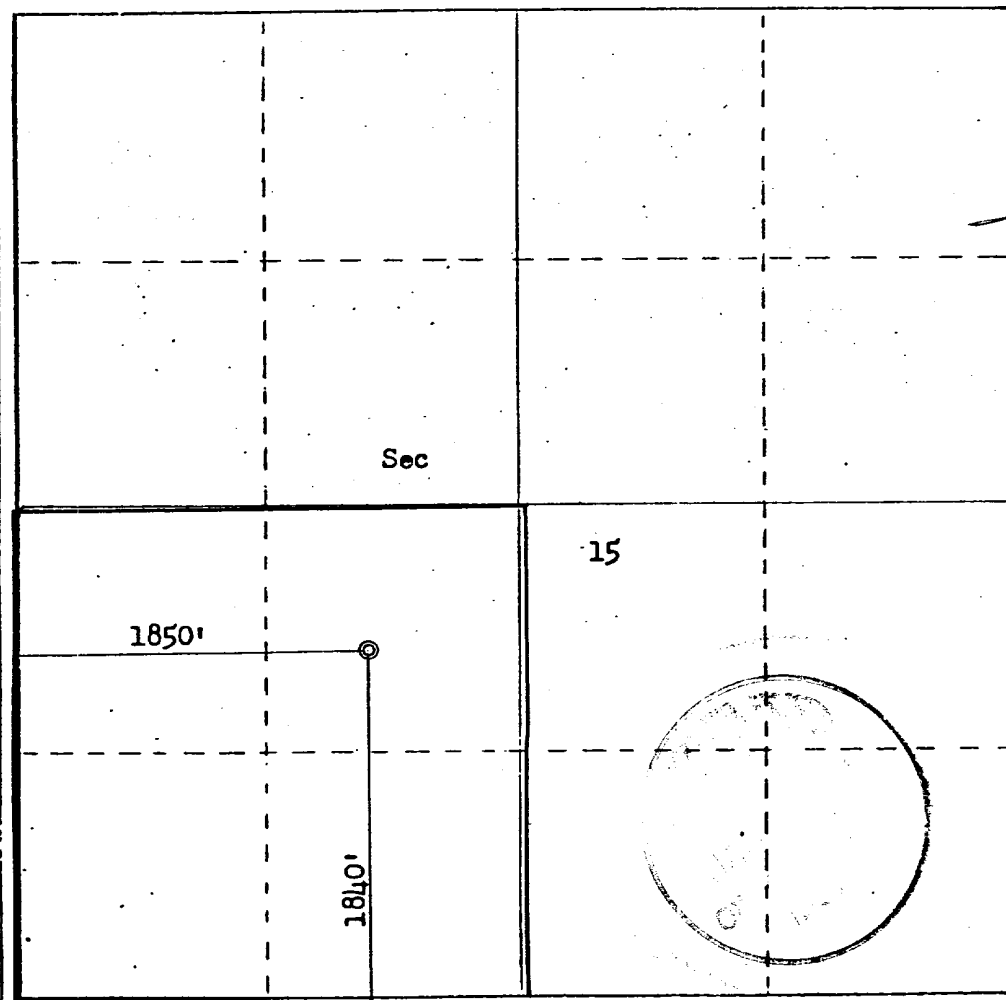
Operator DAVE M. THOMAS JR.		Lease CHACON-JICARILLA APACHE "D"		Well No. 7
Unit Letter K	Section 15	Township 23N	Range 3W	County Rio Arriba
Actual Footage Location of Well:				
1840 feet from the South line and		1850 feet from the West line		
Ground Level Elev. 7384	Producing Formation Dakota	Pool Chacon Dakota Associated	Dedicated Acreage: 160	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, Walsh Engin.

Company
& Production Corp.

Date
12/28/78

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 of Land Surveyor
Fred B. Kerr Jr.

Certification No.
3950

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

