

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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"/>			5. LEASE DESIGNATION AND SERIAL NO. Contract No. 412	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2. NAME OF OPERATOR Dave M. Thomas, Jr.			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 2026, Farmington, NM 87401			8. FARM OR LEASE NAME Chacon Jicarilla	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 790'FNL, 790'FEL At proposed prod. zone same			9. WELL NO. 12	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT Ballard Pictured Cliff	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 790'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 9-T23N-R3W N.M.P.M.	
16. NO. OF ACRES IN LEASE -----			12. COUNTY OR PARISH 13. STATE Rio Arriba NM	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160			20. ROTARY OR CABLE TOOLS Rotary	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3,310'			22. APPROX. DATE WORK WILL START* 6-15-78	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7,322'GR				

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	120	100 sxs
7 7/8"	4 1/2"	10.50	3,310'	150 sxs

It is proposed to drill the following well using drilling mud as a circulation medium. All possible producing intervals in the Pictured Cliff Formation will be perforated for completion.

The NE/4 of Section 9 is dedicated to this well.

The gas produced from this well is committed.


Estimated Formation Tops

Ojo Alamo	2,798'
Kirtland	2,845'

Pictured Cliffs	3,160'
Lewis	3,275'

FOR: DAVE M. THOMAS, JR.

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.  President, Walsh Engineering
Ewell N. Walsh, P.E. TITLE & Production Corporation DATE April 7, 1978
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

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

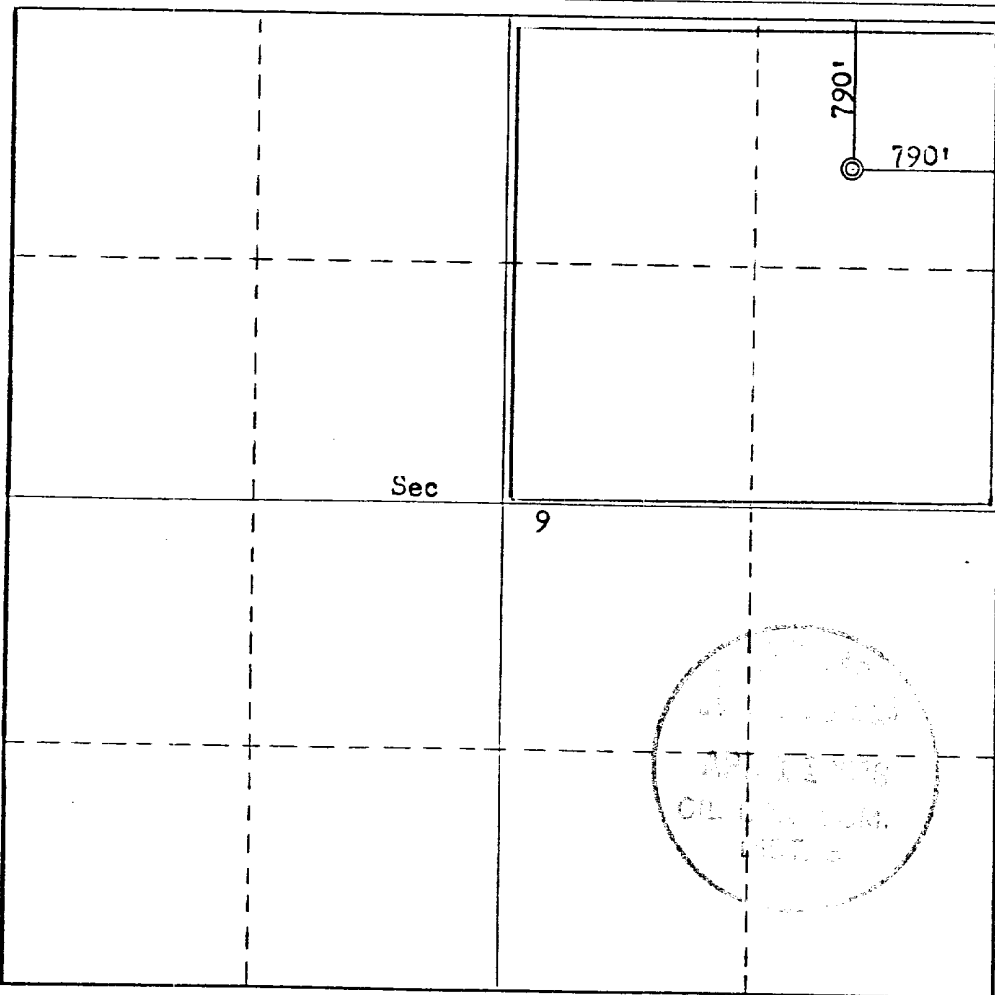
Operator Dave M. Thomas Jr.			Lease Chacon Jicarilla		Well No. 12
Unit Letter A	Section 9	Township 23N	Range 3W	County Rio Arriba	
Actual Footage Location of Well:					
790		feet from the	North	line and	790
				feet from the	East
Ground Level Elev. 7322	Producing Formation Pictured Cliffs		Pool Ballard Pictured Cliffs		Dedicated Acreage: 160 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.**

Ewell N. Walsh
Ewell N. Walsh, P.E.

Position
President

Company **Walsh Engineering & Production Corp.**

Date
April 7, 1978

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
March 21, 1978

Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr
Fred B. Kerr, Jr.

Certificate No.
3950

