

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. NMA 011639	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME	
2. NAME OF OPERATOR CURTIS J. LITTLE		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 2487, Farmington, N.M. 87401		8. FARM OR LEASE NAME Warren	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 790' FSL and 140' FEL At proposed prod. zone same		9. WELL NO. #1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 20 mi. SE of Blanco		10. FIELD AND POOL, OR WILDCAT Ballard Pc	
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. 19-T26N-R7W	
16. NO. OF ACRES IN LEASE 1280		12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		13. STATE N.M.	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1/4 mi.		14. PROPOSED DEPTH 2245	
19. ROTARY OR CABLE TOOLS Rotary		20. APPROX. DATE WORK WILL START* April 15, 1981	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6263 This action is subject to administrative appeal pursuant to 30 CFR 290.		22. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED GENERAL REQUIREMENTS 255 sx to circulate 100 sx	
23. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
8-3/4	7"	23	100
5	2-7/8	6.4	2245

Propose to drill with mud, run mechanical logs and selectively perforate and fracture the Pictured Cliffs. The bottom hole pressure is not expected to exceed 800 psi. 10" 3000 psi BOP with blind and pipe rams will be operational at all times while drilling and during completion operations. This gas is not dedicated.

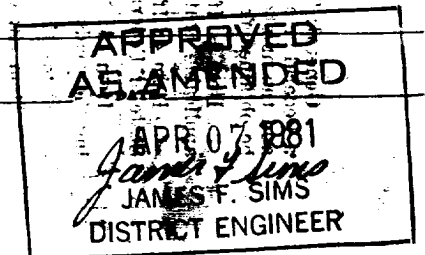
Anticipated formation tops:

Ojo Alamo	1550
Kirtland-Fruitland	1590
Pictured Cliffs	2163
TD	2245

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 measurements and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Curtis J. Little TITLE Operator DATE March 25, 1981  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:



## OIL CONSERVATION DIVISION

P. O. BOX 2048

SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-78NEW MEXICO  
LANDS DEPARTMENT

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

CURTIS J. LITTLE			Lease		WARREN	Well No.	#1
Unit Letter	Section	Township	Range	County			
P	19	26N	7W	Rio Arriba			
Actual Footage Location of Well:							
790		feet from the South		line and	1040	feet from the East	
Ground Level Elev:	Producing Formation		Pool		Dedicated Acreage:		
6263	Pictured Cliffs		Ballard		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.

Sec.		19	
		1040'	
		790'	

Scale: 1"=1000'

## CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

CURTIS J. LITTLE

Position

Operator

Company

Curtis J. Little

Date

March 25, 1981

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 5, 1981

Registered Professional Engineer  
and Land Surveyor

Fred B. Kerr Jr.

Certificate No.

3950

FORM 24-11