

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-039-13365

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 Completed SINGLE ZONE ☐ MULTIPLE ZONE ☒

2. NAME OF OPERATOR  
W.B. Martin & Associates

3. ADDRESS OF OPERATOR  
2110 N Sullivan, Farmington, N.M. 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface 1650' FSL and 990' FEL  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
18 miles NW of Cuba N.M.

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any) 1650'

16. NO. OF ACRES IN LEASE  
- ± 2230

17. NO. OF ACRES ASSIGNED TO THIS WELL  
160-40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
2000'

19. PROPOSED DEPTH  
± 7120'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6890'

22. APPROX. DATE WORK WILL START\*  
Dependant upon Approval

23. DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL GUIDELINES AND CEMENTING PROGRAM"  
This action is subject to administrative appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8" OD J-55	36 lbs	250'	207ft <sup>3</sup> (175 sxs)
8 3/4"	7" OD J-55	23 lbs	5200'	See Operation Plan
6 1/2"	4 1/2" OD K-55	11.6 lbs	2000'	See Operation Plan

Proposed Program:

1. Drill 12 1/4" hole to + 250' run and set 9 5/8" casing.  
Circulate cement to surface.
2. WOC 12 hours
3. Install and pressure test BOP to 1000 PSI
4. Drill 8 3/4" hole to + 5200' with low solids-low water loss.  
Mud Run and set 7" intermediate. WOC
5. Drill to total depth with Air (30% N<sub>2</sub>) run and cement 4 1/2" long string.

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.

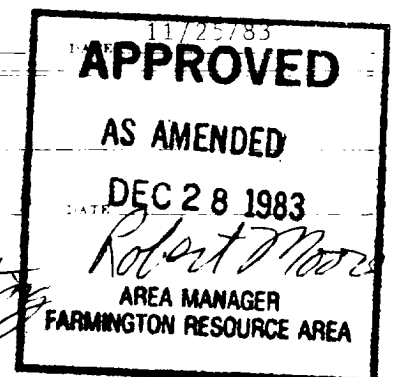
24. SIGNED W.B. Martin & Associates TITLE Operator

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_



NMOCC

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

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

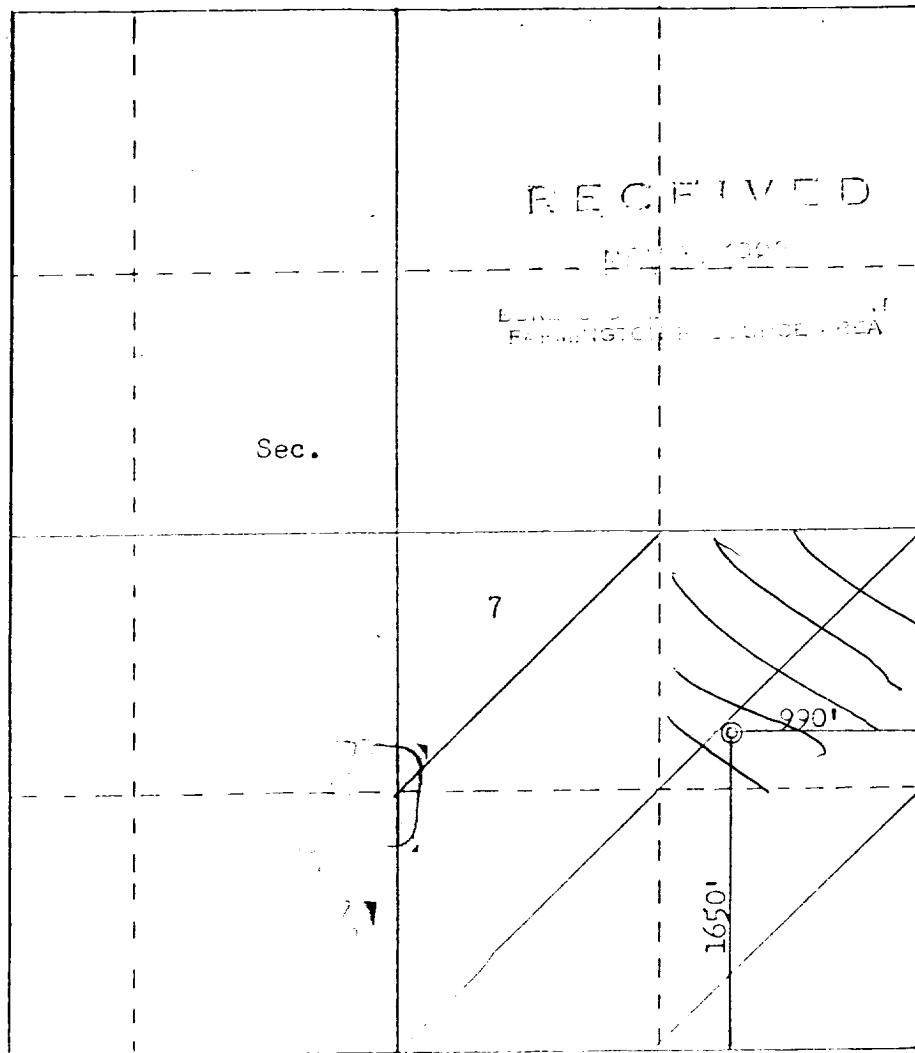
Operator <b>W. B. MARTIN &amp; ASSOCIATES</b>			Lease <b>MARTIN-WHITAKER</b>		Well No. <b>21</b>
Unit Letter <b>I</b>	Section <b>7</b>	Township <b>23N</b>	Range <b>4W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>1650</b> feet from the <b>South</b> line and <b>990</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6890</b>	Producing Formation <b>Gallup Carbonate</b>	Pool <b>Sa Lindrith Gal - Wic</b> <b>WHITAKER</b> <b>ext</b>	Dedicated Acreage: <b>40-40</b> 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.



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

*W.B. Martin Jr.*

Position

*Operator*

Company

*W.B. Martin and Associates*

Date

*11/25/83*

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

*November 23, 1983*

Registered Professional Engineer and Land Surveyor

*Fred B. Kerr Jr.*

Certificate No. 4111, V. 1

3950