

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

RECEIVED

30-039-23374

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK DIV. ☐

b. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER Commingled

SINGLE ZONE ☐

DIST. 3 ☒

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

1990' FSL and 1650' FWL

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 drig. unit line, if any)

1990'

16. NO. OF ACRES IN LEASE

+ 2280

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

3300'

19. PROPOSED DEPTH

7166'

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

6936' GR

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED  
PROPOSED CASING AND CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START\*

Dependant on Approval

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 1/2"	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 1/2' 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% N2) 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.

SIGNED

W.B. Martin

TITLE

Operator

(This space for Federal or State office use)

PERMIT NO.

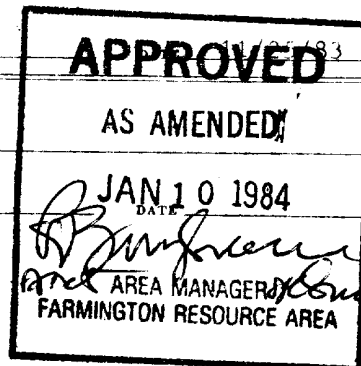
APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

h. 7



NMOCC

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
OIL AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-107  
Revised 10-1-78

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

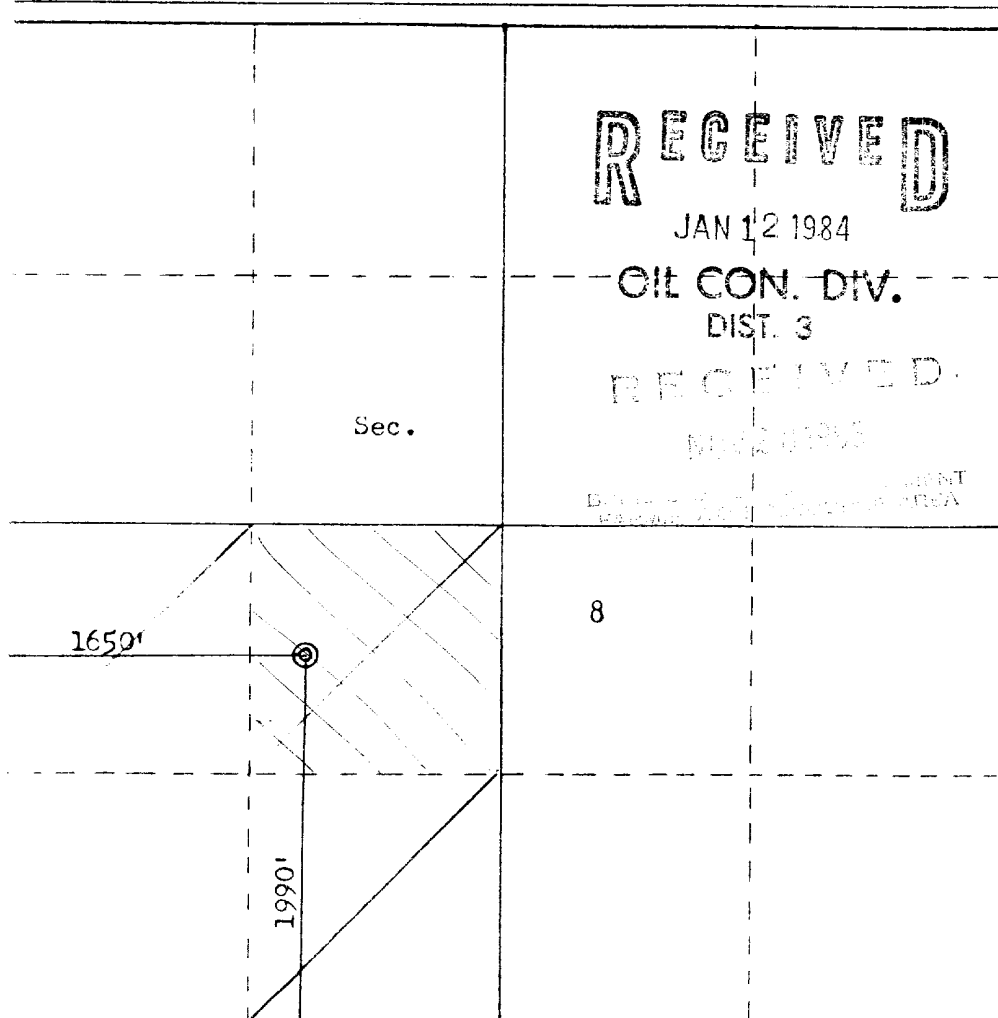
Operator W. B. MARTIN & ASSOCIATES			Lease MARTIN-WHITAKER		Well No. 20
Unit Letter K	Section 8	Township 23N	Range 4W	County Rio Arriba	
Actual Footage Location of Well:					
1990 feet from the South line and		1650 feet from the West line			
Ground Level Elev: 6936	Producing Formation Gallup - Dakota	Pool Wildcat	Dedicated Acreage: 160 40 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 17, 1983  
Registered Professional Engineer  
and Land Surveyor  
Fred B. Kerr Jr.  
Certificate No.  
3950

