

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY30-039-23364
5. LEASE DESIGNATION AND SERIAL NO.

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 ☐ 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

2000' FSL and 1745' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

18.5 miles N.W. of Cuba N.M.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

3000'

16. NO. OF ACRES IN LEASE

± 2280

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160/410

18. DISTANCE FROM PROPOSED LOCATION*

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

500'

19. PROPOSED DEPTH

7100'

20. ROTARY OR CABLE TOOLS

Rotary

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

6870' GR

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED"GENERAL REQUIREMENTS"
PROPOSED CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START*

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 ³ (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% 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.

24.

SIGNED

W.B. Martin

TITLE Operator

(This space for Federal or State office use)

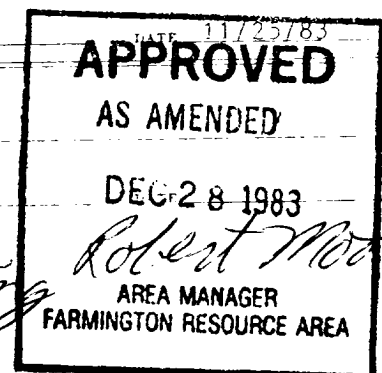
PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:



NR100C

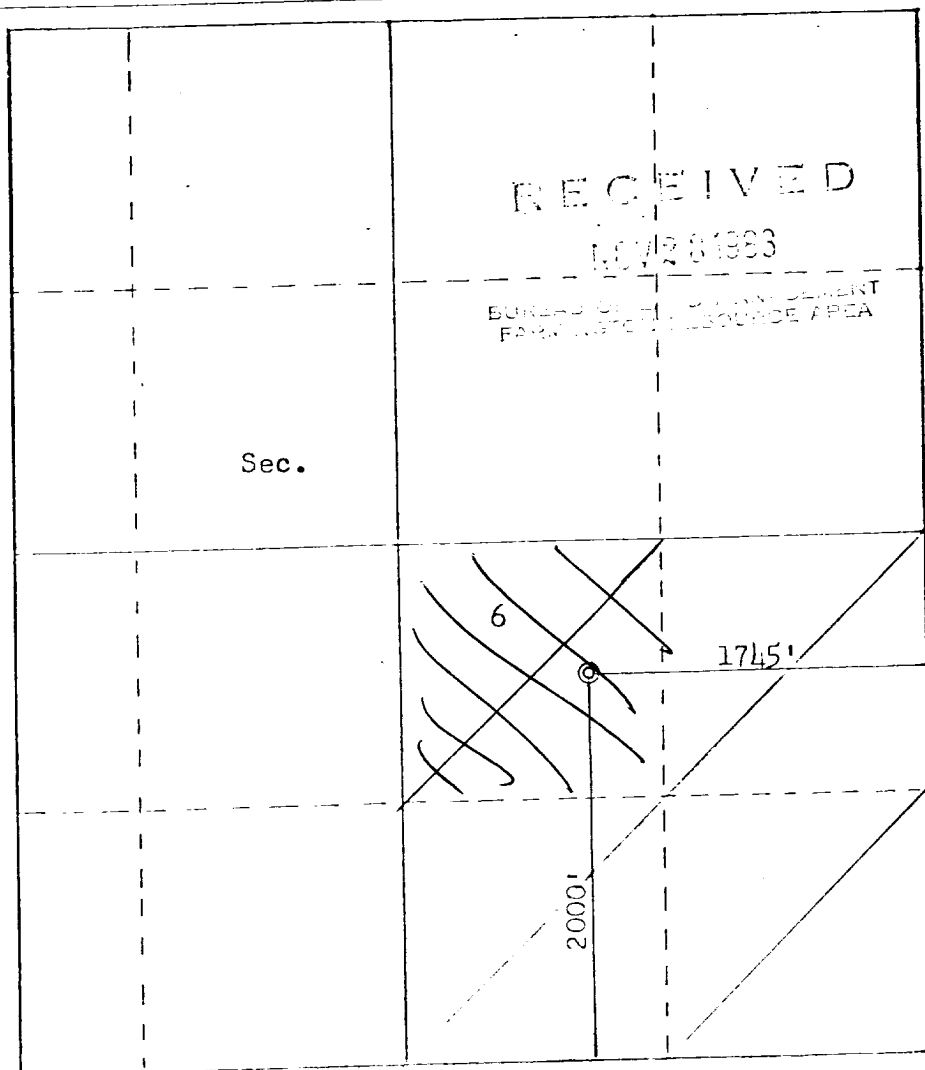
Operator W. B. MARTIN & ASSOCIATES			Lease MARTIN-WHITAKER		Well No. 24
Unit Letter J	Section 6	Township 23N	Range 4W	County Rio Arriba	
Actual Footage Location of Well:					
2000 feet from the		South	line and	1745 feet from the	East line
Ground Level Elev. 6870	Producing Formation Gallup, Dakota		Pool Whitaker S. Lind. 6-0	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 23, 1983

Registered Professional Engineer and Land Surveyor
Fred B. Kett Jr.

Certificate No. **3950**