

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-23280

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL OIL ☐ GAS ☐ OTHER ☐ WELL ☐ Gallup-Dakota SINGLE ZONE ☐ MULTIPLE ZONE ☒ Commingled

2. NAME OF OPERATOR
W.B. Martin and 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 regulations.)
At surface 940' FSL and 790' FWL

At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
17.5 miles NW of Cuba

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any.) 4320' FNE

16. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL (DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.) 325' FSL

17. ELEVATIONS (Show whether DF, RT, GR, etc.)
6940' GR

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" OD J55	24 lbs	250'	236 ft ³ (200 sks)
7 7/8"	5 1/2" OD J55	17 lbs	7170'	See operations Plan

Proposed Program: 1. Drill 12 1/4" hole to $\pm 250'$. Run and set 8 5/8" casing. Circulate Cement to surface.

2. WOC 12 hours.

3. Install and Pressure Test BOP to 1000 psig.

4. Drill 7 7/8" hole to T.D. using low solids-low water loss mud.

5. Run and set 5 1/2" casing with stage collars and cement.

6. Selectively perforate and stimulate Gallup & Dakota Formation.

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OIL CON. DIV.
DIST. 3

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

DATE 6-9-83

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

DATE
AUG 26 1983

for Robert Moore
AREA MANAGER
FARMINGTON RESOURCE AREA

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FARMINGTON, N. M.

19. PROPOSED DEPTH
 ± 2238

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENTP. O. BOX 2048
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, INC.			Lease MARTIN-FLORANCE		Well No. 14
Section Letter M	Section 5	Township 23N	Range 4W	County Rio Arriba	
Actual Footage Location of Well: 940 feet from the South line and 790 feet from the West line					
Ground Level Elev. 6940	Producing Formation Bakken Dakota Comp. mglid		Pool South Lincoln 44 Gallup Dakota	Dedicated Acreage: 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.) _____

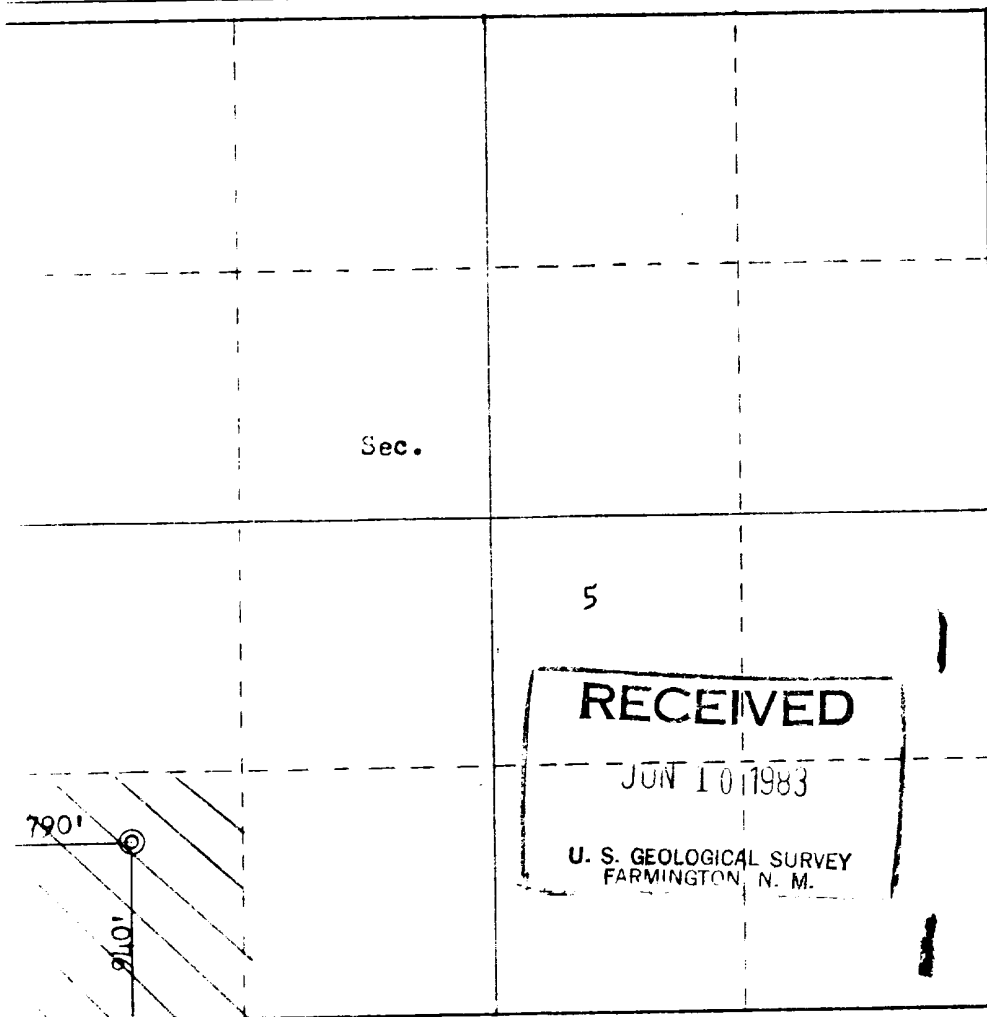
No allowable will be assigned to the well until all interests have been consolidated by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

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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

Billy Martin

Position

Operator Representative

Company

W.B. Martin & Associates Inc.

Date

June 6, 1983

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

May 31, 1983

Registered Professional Engineer and Land Surveyor

Fred B. Kett
Fred B. Kett Jr.

Certificate No.

3350

