

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-23372

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 ☐ COMMINGLED ☐ 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 1745' FNL and 1190' FWL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
17.5 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)
1190'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
1400'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6854' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

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 K-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

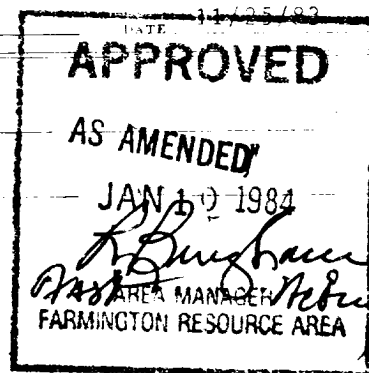
APPROVED BY

TITLE

ADDITIONS OF APPROVAL, IF ANY:

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NMOCC



OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

P. O. BOX 2088

Form C-107
Revised 10-1-

ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

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

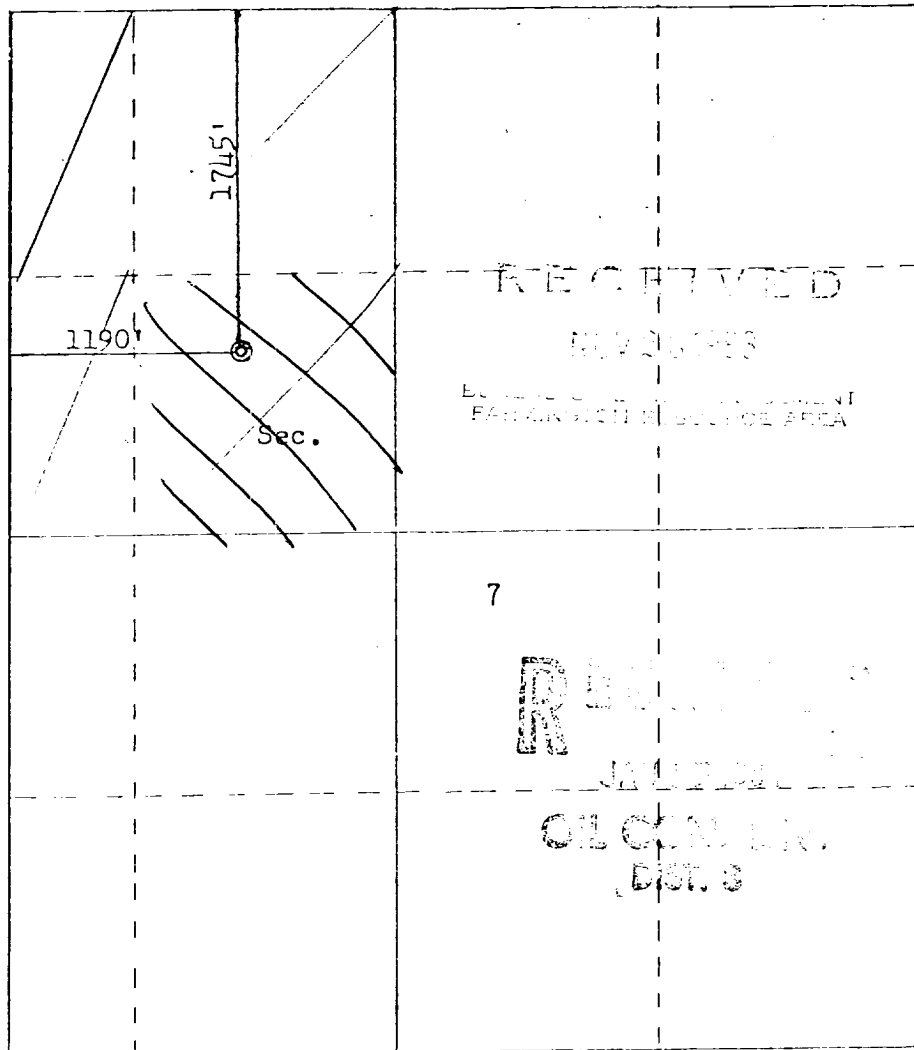
Operator W. B. MARTIN & ASSOCIATES			Lease MARTIN-WHITAKER		Well No. 23
Unit Letter F	Section 7	Township 23N	Range 4W	County Rio Arriba	
Actual Footage Location of Well: 1745 feet from the North line and 1190 feet from the West line					
Ground Level Elev. 6854	Producing Formation Gallup Dakota	Pool S. Lindbergh Gal-Dk Wildcat		Dedicated Acreage: 123.7240 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.



CERTIFICATION

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

Name
Fred B. Kent Jr.
Position
Surveyor
Company
W. B. Martin & Associates
Date
November 23, 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
November 23, 1983
Registered Professional Engineer and Land Surveyor
Fred B. Kent Jr.
Certificate No. *3950*

Scale: 1"=1000'