

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

William B. Martin Jr

3. ADDRESS OF OPERATOR

1300 West Navajo Farmington N. Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

M 915f31 1/2 775' fwi Sec 29 T17N-R4W

At proposed prod. zone

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

12 miles south Torreon Trading Post

15. DISTANCE FROM PROPOSED*

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

18. DISTANCE FROM PROPOSED LOCATION*

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

330'

19. PROPOSED DEPTH

110'

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

6329

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
5 1/2	4 1/2	9.5 #/ft	110	

The above well is being drilled to evaluate the Menefee Fm.

Completion intervals will be determined from the study of logs and
balingAdditional information required by NTL-6 for the application to drill
and a multi-point surface use plan are attached

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

William B. Martin Jr

TITLE

OPERATOR

DATE

8/31/79

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ok Brink

RECEIVED

AUG 31 1979

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

30-043-20441

5. LEASE DESIGNATION AND SERIAL NO.

NA 26037

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

5/2 Sec 29 T17N-R4W

12. COUNTY OR PARISH

13. STATE

Sandoval

N. Mex

17. NO. OF ACRES ASSIGNED
TO THIS WELL

5 Acres 40 joint

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

P. O. BOX 2088

Form C-102
Revised 10-1-78

ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

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

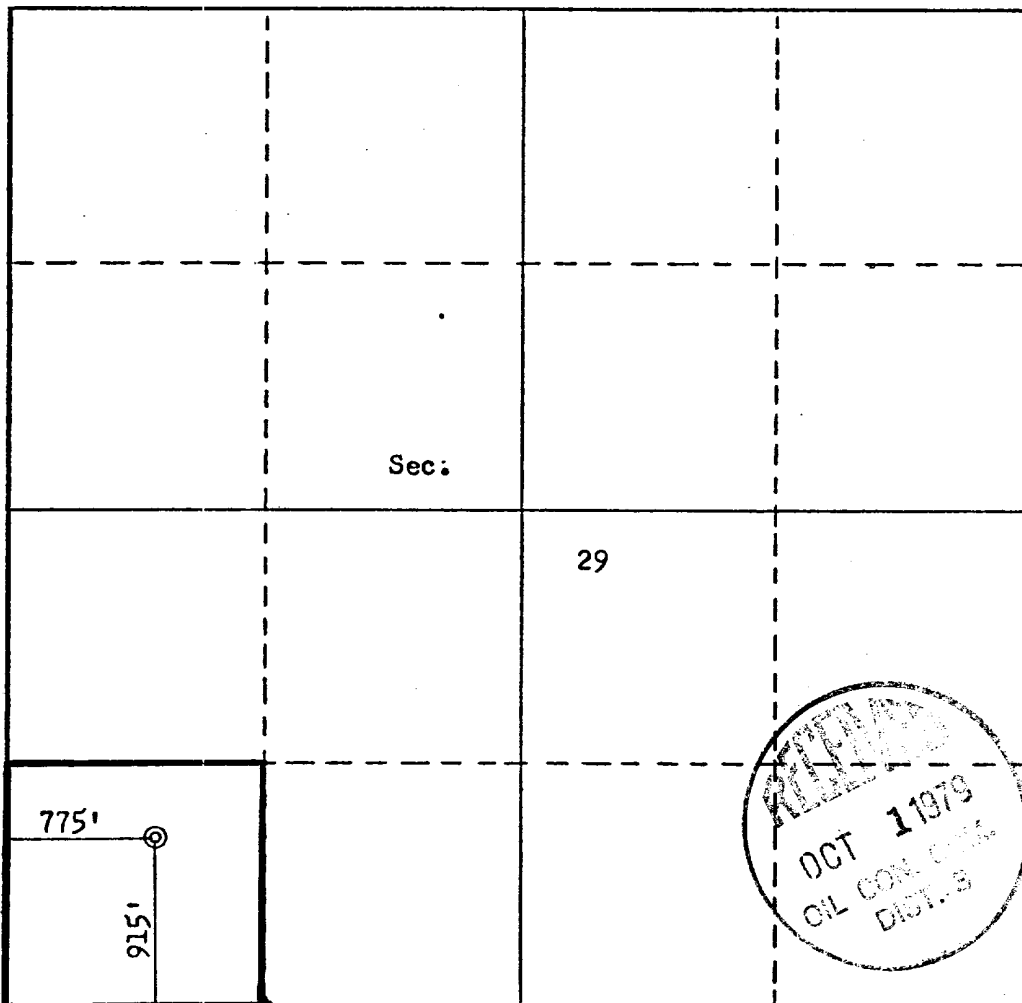
Operator W. B. MARTIN JR.			Lease CABEZON		Well No. 8
Unit Letter M	Section 29	Township 17N	Range 4W	County Sandoval	
Actual Footage Location of Well: 915 feet from the South line and 775 feet from the West line					
Ground Level Elev. 6329	Producing Formation Mesa		Pool Wildcat	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.



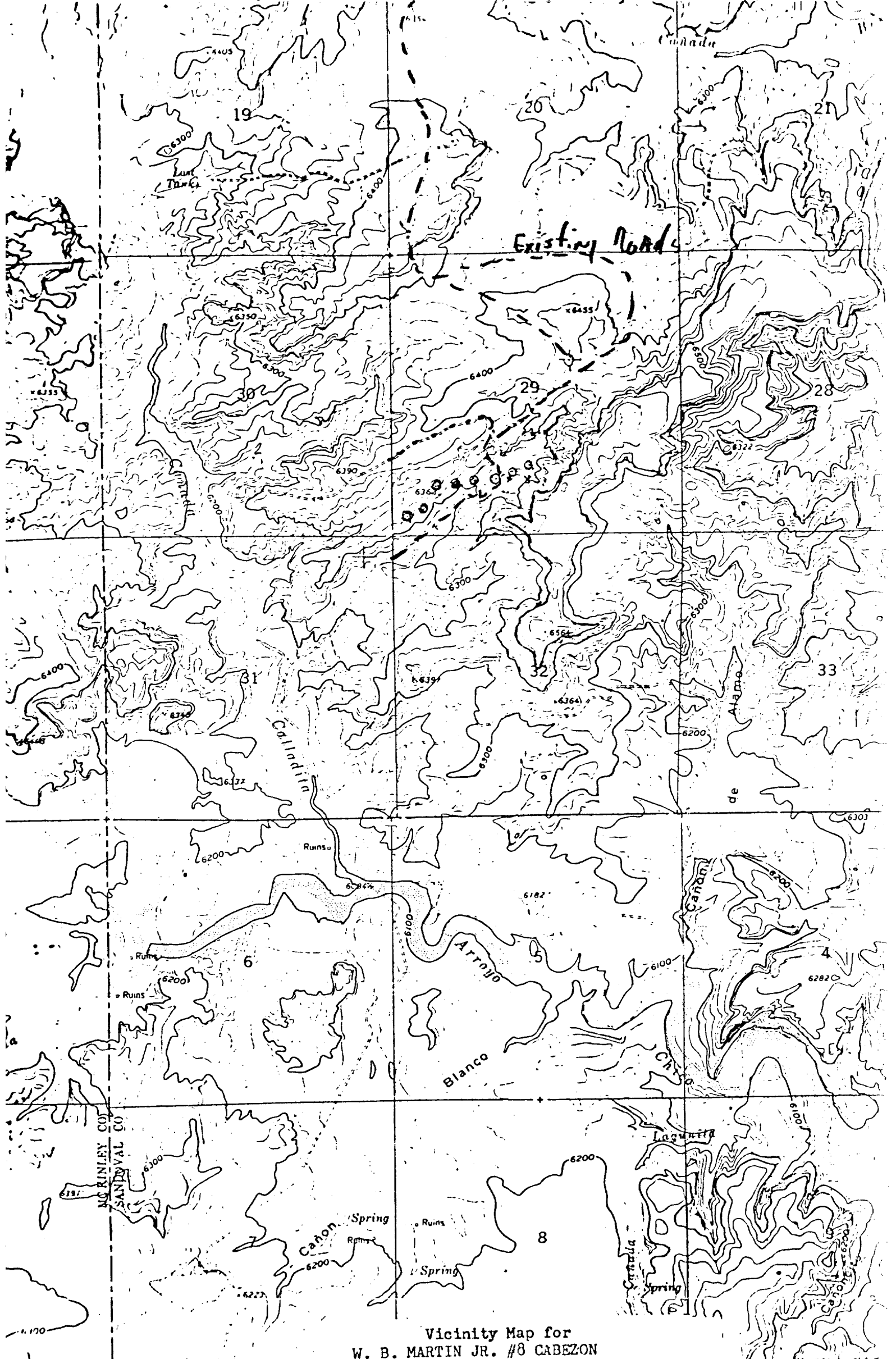
CERTIFICATION

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

Name **William B. Martin Jr.**
Position **Operator**
Company **Self**
Date **9/28/79**

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 **August 22, 1979**
Registered Professional Engineer and/or Land Surveyor
Fred B. Kerr Jr.
Certificate No. **3950**



Vicinity Map for
W. B. MARTIN JR. #8 CABEZON
915' FSL 775' FWL Sec 29-T17N-R1W
SANDOVAL COUNTY, NEW MEXICO

PARALLEL R 5 W R 4 W
ALL 1:1000
0 1 2 3 4 5 6 7 8 9 10
1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
1 MILE
1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
FEET

Multi-Point Surface Use Plan
Federal # 8

Sec 29 T 17N - R 4W

Sandoval County, New Mexico

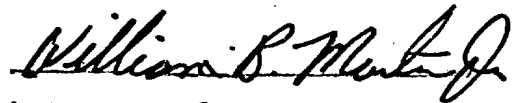
- 1) The attached topo map shows the existing route to the location and distance from Torreon Trading Post
- 2) No access roads will be constructed
- 3) No existing oil or gas wells exist within a one-mile radius from the proposed location
- 4) There are no existing storage tanks or facilities located within a one-mile radius from the proposed location
- 5) No water will be required for drilling
- 6) No construction materials will be required for this location
- 7) No pits will be required for this location
- 8) There are neither airstrips nor camps in the vicinity
- 9) The well site is shown on the attached map
- 10) Restoration will be accomplished by cleaning up. Reseeding of the site will be carried out as detailed by the Surface Management.
- 11) The general topography consists of fairly level terrain and vegetation consists of sagebrush & juniper. Representatives of the U.S. Geol. Survey, Cultural resources inspection has been conducted by Nancy Hewitt, archaeologist from Salmon runs and the surface has been examined by ELM, Albuquerque.

12) Certification below

Sandoval County New Mexico

CERTIFICATION

I hereby certify that I have inspected the proposed drillsite and access route, that I am familiar with the conditions which presently exist; that the statements made in this plan are true; and, that the work associated with the operations produced herein will be performed by the below signed and his contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved



William B. Martin, Jr

Operator

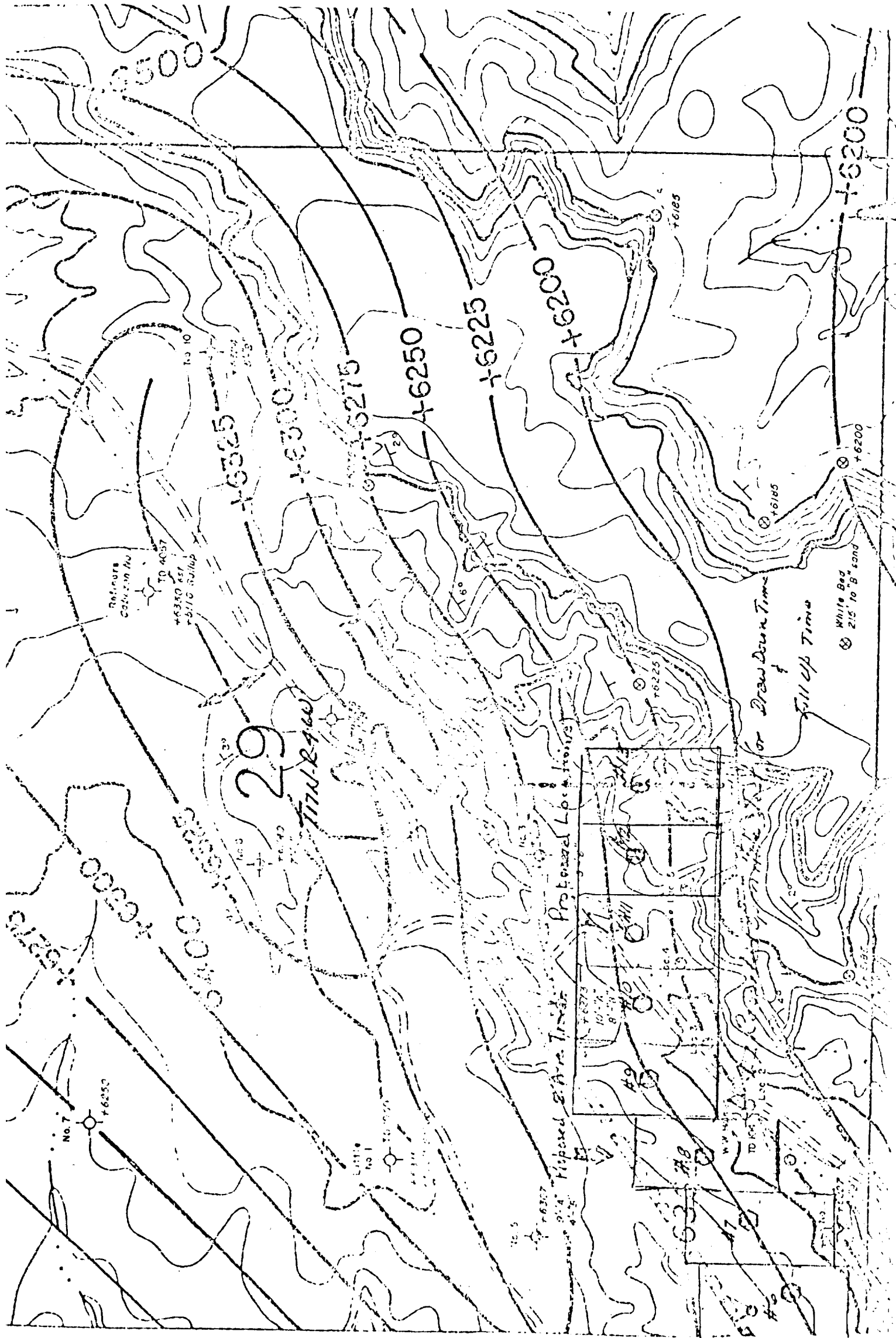
2/31/79

William B. Martin Jr

1300 West Nevada

Farmington New Mexico 87401

Phone 505-327-1123



Supplemental Information to Form 9-351c

Required by MTH-6

Federal #8

Sec 29 T17N-R4W

Sandoval County, New Mexico

The geologic name of the surface formation - Cret. Menefee

The estimated tops of important geologic formations bearing hydrocarbons to be drilled are

Formation	Depth	Elevation
Menefee sd	110	+

<u>Estimated Depth</u>	<u>Casing</u>	<u>Casing</u>	<u>Log</u>	<u>Seals</u>
	<u>Size</u>	<u>Weight</u>	<u>Size</u>	<u>Content</u>
110'	4 1/2"	9.5"	5.5"	

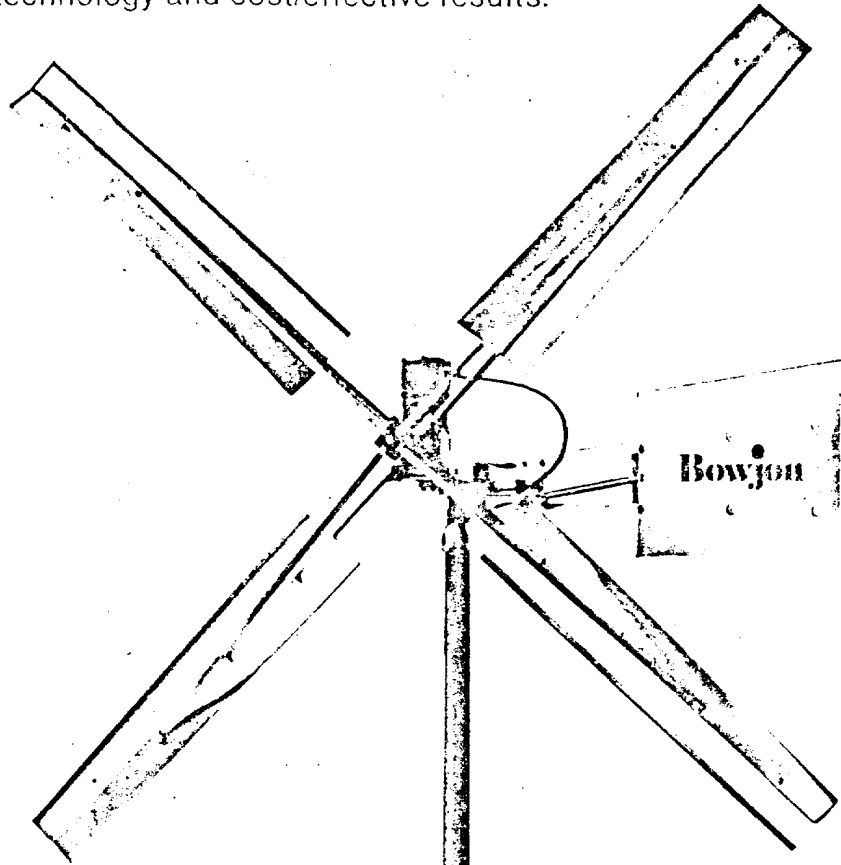
Prospective Productive zone is believed to be gravity flow or water drive - there is no gas drive - no blowout preventer will be needed

Drilling will be conducted using low-pressure air

Logging Program will be as followed: L&S and Compensated Density - Gamma log from surface to T.D.

History of area indicates no abnormal pressures, temperatures, gas or hydrogen sulfide will be encountered

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