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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-4-65

5A. Indicate Type of Lease  
STATE  FEE

5. State Oil & Gas Lease No.  
**K-3994**

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  
**Shenandoah Oil Corporation**

3. Address of Operator  
**1018 Commerce Building, Fort Worth, Texas**

4. Location of Well  
UNIT LETTER **F** LOCATED **1980** FEET FROM THE **North** LINE  
AND **1980** FEET FROM THE **West** LINE OF SEC. **36** TWP. **6S** RGE. **37E** NMPM

7. Unit Agreement Name  
-

8. Farm or Lease Name  
**New Mexico "H" State**

9. Well No.  
**1**

10. Field and Pool, or Wildcat  
**Wildcat**

12. County  
**Lea**

19. Proposed Depth  
**4500'**

19A. Formation  
**San Andres**

20. Rotary or C.T.  
**Rotary**

21. Elevations (Show whether DF, RT, etc.)  
**4015.4 G.L.**

21A. Kind & Status Plug. Bond  
**Blanket Bond**

21B. Drilling Contractor  
**Verna Drlg. Company**

22. Approx. Date Work will start  
**12-10-68**

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	20#/ft.	375'	225'	Surface
7-7/8"	4-1/2"	9.5#/ft.	4500'	200	3800'

1. Drill 12-1/4" hole to 375 feet and set 8-5/8" 20#/ft. surface casing and circulate cement to surface.
2. Install 10" Series 900 Blow-out Preventers. Pressure test 8-5/8" casing and preventers to 800 psi.
3. Drill 7-7/8" hole to 4500 feet.
4. Core 75 feet of San Andres Formation and drill stem test.
5. Run 4-1/2" 9.5# J-55 casing to 4500 feet and cement with 200 sacks regular cement.
6. Perforate and test San Andres Zone.

24. DEPTH OF TO RUNNING 85"  
CASING.

3-2-69

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Daniel E. Burke Title Supt. Date 11-26-68

(This space for State Use)

APPROVED BY John W. Runyan TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

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

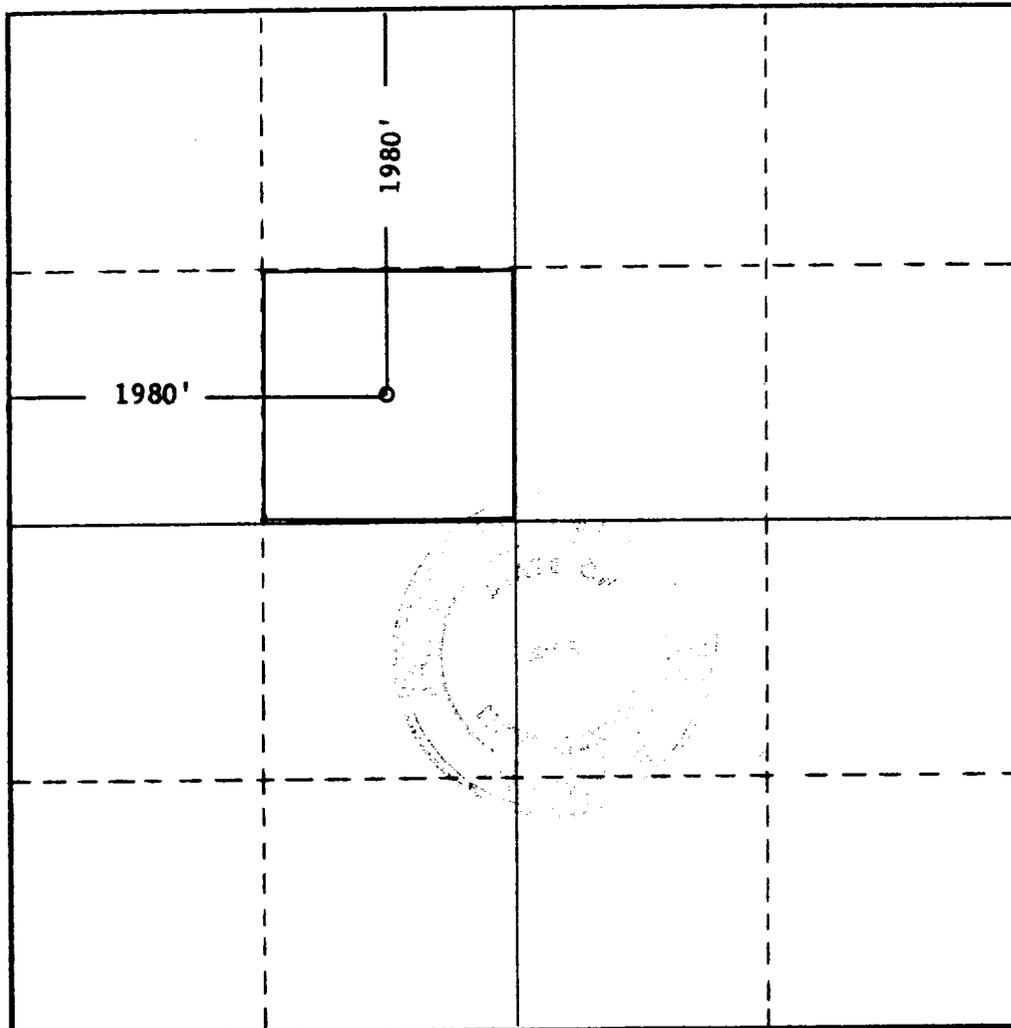
Operator <b>SHENANDOAH OIL CORPORATION</b>		Lease <b>NEW MEXICO H STATE</b>		Well No. <b>1</b>
Unit Letter <b>F</b>	Section <b>36</b>	Township <b>6 SOUTH</b>	Range <b>37 EAST</b>	County <b>ROOSEVELT</b>
Actual Footage Location of Well: <b>1980</b> feet from the <b>NORTH</b> line and <b>1980</b> feet from the <b>WEST</b> line				
Ground Level Elev. <b>4015.4</b>	Producing Formation <b>San Andres</b>	Pool <b>Wildcat</b>	Dedicated Acreage: <b>40</b> 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  
*Harold E. Burda*

Position  
*Supt.*

Company  
**Shenandoah Oil Corp.**

Date  
**November 25, 1968**

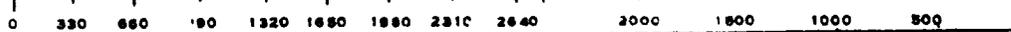
*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.*

Date Surveyed  
**Nov. 22, 1968**

Registered Professional Engineer  
and/or Land Surveyor

*John W. West*

Certificate No. **676**



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