

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**AMENDED**

## 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

C. W. Trainer

## 3. ADDRESS OF OPERATOR

c/o Oil Reports &amp; Gas Services, Inc., Box 763, Hobbs, NM 88240

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

At surface

1980' FSL &amp; 660' FEL of Section 1

At proposed prod. zone

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

26 miles West of Hobbs, New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

660

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

NA

## 16. NO. OF ACRES IN LEASE

320

## 19. PROPOSED DEPTH

3600

## 17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

## 20. ROTARY OR CABLE TOOLS

Cable Tools

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

3776.4 GR

## 22. APPROX. DATE WORK WILL START\*

1/31/78

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

See attachment for casing program, control  
head and other details of operation.

This amends our application approved 1/18/78  
to drill a Morrow test at this location as the  
Pennzoil Federal No. 2 to now drill a Yates-  
Seven Rivers test to be known as the Pennzoil  
Federal No. 1.

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

*Warren Hallen*

TITLE

Agent

DATE

1/25/78

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
AS AMENDED  
JAN 25 1978  
ARTHUR R. BROWN  
DISTRICT ENGINEER

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 14:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plans, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

**Items 15 and 16:** If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

**Item 22:** Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

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JAN 21 1970  
U.S. DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
ALBUQUERQUE, NEW MEXICO

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

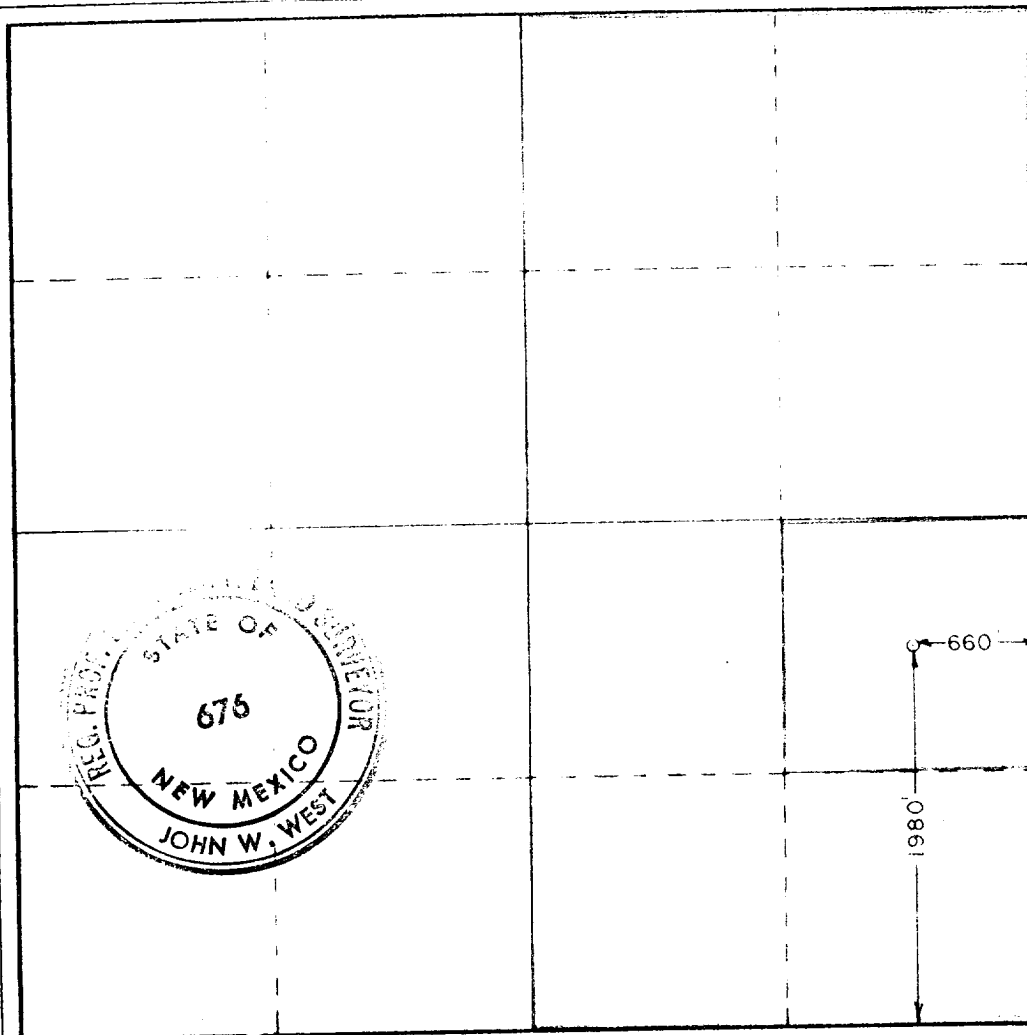
Operator <b>C. W. Trainer</b>		Lease <b>Pennzoil Federal</b>		Well No. <b>1</b>
Tract Identifier <b>1</b>	Section <b>1</b>	Township <b>19 South</b>	Range <b>33 East</b>	County <b>Lea</b>
Actual Surface Location of Well: <b>1980</b> feet from the <b>South</b> line and <b>660</b> feet from the <b>East</b> line				
Ground Elev. Elev <b>3776.4</b>	Producing Formation <b>Yates-Seven Rivers</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.

*Donna Holmes*  
Name

Agent

Position

C. W. Trainer

Date

January 25, 1978

Date

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

December 13, 1977

Registered Professional Engineer and/or Land Surveyor

*John W. West*

Certificate No.

676

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

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OR CONSERVATION COMM.  
HARRIS, T. W.

## Attachment Form 9-331-C

C. W. Trainer  
 Pennzoil Federal No. 1  
 660' FSL & 1980' FEL of Sec. 1, T19S, R33E, Lea County, New Mexico  
 NM-4312

1. Surface formation: Quarternary Alluvium
2. Estimated tops of geologic markers:   Base Salt 2900  
   Top Yates 3200  
   Top Seven Rivers 3500
3. Estimated depth of mineral bearing formations:

Fresh water 100 to 700  
 Yates 3200  
 Seven Rivers 3500

4. Casing program:

Hole Size	Size of Casing	Weight Per Ft.	Cond	Grade	Depth	Sacks Cement
17 1/2	13 3/8	48#	New	H-40	350	350
11	8 5/8	24#	New	J-55	1750	Mud In & Pull
7 7/8	5 1/2	17#	New	J-55	3600	650 or sufficient to circulate

5. Blowout preventers: To be drilled with cable tool rig with Orbit control head between 8 5/8" and 13 3/8" casing equipped with vent line to pit with choke and two control valves; one control valve for purpose of using vent line as kill line. Control head to be equipped with oil savers on drilling line.
6. Mud program: None - to be drilled with cable tools.
7. Auxiliary equipment: See item 5 above.
8. Logging & testing: All shows will be tested with dump bailer. Logs to consist of Gamma Ray-Neutron.
9. Anticipated pressures and potential hazards: No abnormal pressures are expected.
10. Starting date and duration: Starting date to be January 31, 1978 with operations to be completed in 150 days.

1978-01-01

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OIL CONSERVATION COMM.  
WASH. D. C.

U. S. Geological Survey

HOBBS DISTRICT

C. W. Trainer  
No. 1 Pennzoil Federal  
NE $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 1-19S-33E  
Lea County, N. M.

Above Data Required on Well Sign

CONDITIONS OF APPROVAL

1. Drilling operations authorized are subject to compliance with the attached General Requirements for Drilling Operations on Federal Oil and Gas Leases, dated January 1, 1977.
2. Notify this office (telephone (505) 393-3612) when the well is to be spudded and in sufficient time for a representative to witness all cementing operations. Attached are names and telephone numbers of Geological Survey and Bureau of Land Management personnel who are available for consultation during construction, drilling, completion, and rehabilitation activities.
3. Immediate notice is required of all blowouts, fires, spills, and accidents involving life-threatening injuries or loss of life.
4. Secure prior approval of the District Engineer for variance from the approved drilling program and before commencing plugging operations, plug-back work, casing repair work, corrective cementing operations, or suspending drilling operations indefinitely.
5. Blowout prevention equipment is to be installed, tested, and in working order before drilling below the surface casing and shall be maintained ready for use until drilling operations are completed.
6. Operator will provide the dirt contractor with a copy of the enclosed Bureau of Land Management "Standard Requirements for all Drilling in Relation to Oil and Gas Activities in the Roswell District" prior to commencing construction of road, pad, or other associated developments.
14. In the event the oil or gas test results in a dry hole, the drill pad and access road will be ripped in accordance with "BLM Roswell District's Ripping Recommendations for Caliche or Compacted Drill Pads and Access Roads". (Re seeding of the affected areas may be required at the discretion of the BLM authorized officer).
15. All ripped surfaces are to be protected from vehicular travel by constructing a dead-end ditch and earthen barricade at the entrance to these ripped areas. The barricade is to be constructed using spoil material from the ditch and should be of sufficient magnitude to discourage vehicle entry.
16. All above ground structures, not subject to applicable conservation and safety requirements, shall be painted to blend with the natural surroundings. The paint used should be a nonglare, nonreflective, nonchalking color that simulates Fed. Stand. No. 595, color 30318.

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# 15