

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-031-20159

## 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 Water Injector

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Tesoro Petroleum Corp.

## 3. ADDRESS OF OPERATOR

2000 1st of Denver Plaza, Denver, CO 80202

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

At surface

Unit Letter "K", 1335' FSL X 2635 FWL

At proposed prod. zone  
same

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

9 miles

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

1335' FSL

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.475' SW of  
Hanson #34

## 16. NO. OF ACRES IN LEASE

551.94±

## 19. PROPOSED DEPTH

1566' (GL)

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40 acres

## 20. ROTARY OR CABLE TOOLS

Rotary

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

6876' (GL), 6888' (KB)

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

June 1, 1981

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
existing: 6 1/2"	4 1/2"	9.5#	1529' GL	65 sks.
proposed: 3 7/8"	open hole	--	--	--

Well is presently injecting water into the Upper Hospah formation in zones: "B" (1508-11' KB), "C" (1515-19') and "D" (1525-28') at a total of 16 bbls./day at 820 psi. The well will be deepened 36 ft. to 1530' (GL) into the Lower Hospah. Plastic coated tubing will be run with a packer set below the Upper Hospah perforations. The well will be converted into a Lower Hospah water injector. New Mexico state approval for the Lower Hospah Pressure Maintenance Project was given on March 4, 1980 by Administrative Order WFX-480 (corrected).

No additional surface disturbance is anticipated in doing this work. We will use mud tanks instead of pits.

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. F. Parks*

TITLE

District Operations Manager

DATE

5/14/81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

NMOCC'

