

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

(Other Instructions on reverse side)

Budget Bureau No. 42 R1425

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

TYPE OF WORK
 DRILL ☐ DEEPEN ☒ PLUG BACK ☐

TYPE OF WELL
 OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

NAME OF OPERATOR
 Tesoro Petroleum Corporation

ADDRESS OF OPERATOR
 633 17th St., Suite 2000, Denver, CO 80202

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

1660' FWL & 2040' FSL

At proposed prod. zone

Same

DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 1 1/2 miles ESE of Hospah, New Mexico

DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
 (Also to nearest drilg. unit line, if any) 600'

DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
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ELEVATIONS (Show whether DF, RT, GR, etc.)

6888' GR

16. NO. OF ACRES IN LEASE

551.94+

19. PROPOSED DEPTH

1553' GR

17. NO. OF ACRES ASSIGNED TO THIS WELL

10

20. ROTARY OR CABLE TOOLS

Rotary

5. LEASE DESIGNATION AND SERIAL NO.

Federal NM 052931

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hanson

9. WELL NO.

11

10. WELL TYPE, OR WILDCAT

South Hospah (Lower)

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

6-17N-8W

12. COUNTY OR PARISH 13. STATE

McKinley

NM

22. APPROX. DATE WORK WILL START*

Immediately

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	63' GR	40 SX (To surface)
7 7/8	5 1/2	14#	1533' GR	60 SX
4 3/4	-	-	1538' GR	Open hole

It is proposed to deepen this well approximately 15' in the Lower Hospah Sand to a total lepth of 1553' GR (1561' KB) in an effort to increase production.

No additional surface disturbance is necessary to do this work.

NOTE 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 program, if any.

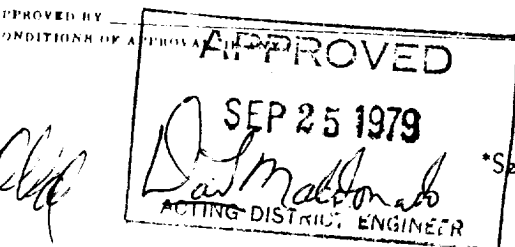
SIGNED Kerry J. Kattenbach TITLE District Engineer

DATE 8/27/79

This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE



TITLE

DATE

*See Instructions On Reverse Side

