

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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.

12

10. FIELD AND POOL, OR WILDCAT

Hospah (Lower)

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

K Sec. 6, Twp 17N, Rng 8W

12. COUNTY OR PARISH

McKinley

13. STATE  
New Mexico17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START\*

2-14-79

1a. TYPE OF WORK

DRILL ☐ *NI TWO* DEEPEN ☒PLUG BACK ☐

b. TYPE OF WELL

OIL

WELL ☒

GAS

WELL ☐

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

TESORO PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR

2000 First of Denver Plaza, Denver, Colorado 80202

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

At surface

1650' FWL &amp; 1650' FSL, Sec. 6, T17N, R8W

At proposed prod. zone

McKinley County, New Mexico

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

1-3/4 miles ESE Hospah, New Mexico

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

1650'

16. NO. OF ACRES IN LEASE

551.94±

18. DISTANCE FROM PROPOSED LOCATION\*

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

19. PROPOSED DEPTH

1578'

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

6888' GL, 6896' RKB

23.

## 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# - J-55	62' GL	40 sks (circulated)
7-7/8"	5-1/2"	14# - J-55	1536.5' GL	60 sks
4-3/4"			1544	Open Hole

It is proposed to deepen this well approximately 34' to 1586' GL into the Lower Hospah. Currently we are producing 3 BOPD and 10 BWPD and it is anticipated that production can be increased to 35 BOPD and 500 BWPD by this deepening.

No additional surface disturbance is anticipated in doing this work.



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

TITLE

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY

*Nymocc*  
\*See Instructions On Reverse Side

