

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-031-20119  
5. LEASE DESIGNATION AND SERIAL NO.

Fed. NM-052931

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Hanson

9. WELL NO.  
37

10. FIELD AND POOL, OR WILDCAT  
Upper Hospah Formation  
South Hospah Field

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
Sec. 6-T17N-R8W

12. COUNTY OR PARISH  
McKinley  
13. STATE  
New Mexico

17. NO. OF ACRES ASSIGNED  
TO THIS WELL  
40

20. ROTARY OR CABLE TOOLS  
Rotary

22. APPROX. DATE WORK WILL START\*  
August 10, 1981

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  
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  
1,215' FSL X 705' FWL, Unit Letter "M"

At proposed prod. zone  
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
7 miles to north of field

15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)  
705' FWL (SFRR "A" Lease)

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.  
395' NE of Hanson #7

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6912' (GL)

23. "GENERAL REQUIREMENTS AND CEMENTING PROGRAM"

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	40 ft. (GL)	25 sks. "G" to surface
7 7/8"	5 1/2"	15.5#	1625 ft. (GL)	65 sks. "G" to 1225 ft. (GL)

Drill 12 1/4" surface hole to 40 ft., run 1 joint 8 5/8" casing and cement to surface w/25 sacks class "G" w/2% calcium chloride.  
Drill 7 7/8" hole to 1625 ft. (GL). Run Induction Electric Log (IES) w/SP and GR; and Formation Density Log (FDC) w/GR and Caliper, from TD to 1225 ft. If logs indicate Upper Hospah zone to be productive, run 5 1/2" casing from TD to surface. Cement 5 1/2" casing from TD to 300 ft. above Upper Hospah top. Perforate Upper Hospah w/2 JSPF and flow or swab well back. No stimulation is anticipated. Install pumping unit and put well on production. If the well appears non-productive, cement plugs will be set at known producing formations and at the surface.

No additional surface disturbance is anticipated in doing this work.

SEE ATTACHMENTS

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 James E. Stepinski TITLE Production Engineer DATE 6/17/81

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
AS AMENDED  
JUL 20 1981  
James A. Gillham  
JAMES F. SIMS  
DISTRICT ENGINEER

NMOCC

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-78

DEPARTMENT

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

TESORO PETROLEUM CORPORATION			Lease <b>HANSON</b>		Well No. <b>37</b>
Unit Letter <b>M</b>	Section <b>6</b>	Township <b>17N</b>	Range <b>8W</b>	County <b>McKinley</b>	
Actual Footage Location of Wells:					
<b>1215</b> feet from the <b>South</b> line and <b>705</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6912</b>	Producing Formation <b>Upper Hospah</b>	Pool <b>South Hospah Upper Sand</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 James E. Steppinshi  
Position Production Engineer  
Company Tesoro Petroleum Corp.

Date 6/23/81

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

June 12, 1981

Registered Professional Engineer and Land Surveyor

Fred B. Kerr, Jr.

Certificate No. 3950ED  
B. KERR, JR.

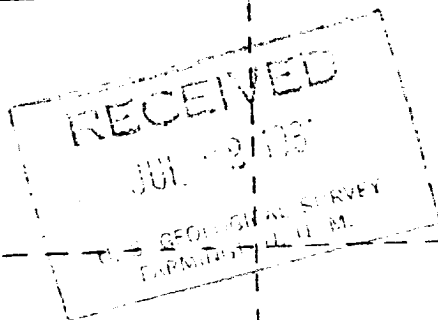
FORM 24-11

Scale: 1"=1000'

EXHIBIT A

6

Sec.



705'  
1215'