

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

REVERSE SIDE

20-051-20440

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 Corporation

3. ADDRESS OF OPERATOR  
404 Fidelity Plaza  
Oklahoma City, Oklahoma 73102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface  
2460' FWL & 1670' FSL  
At proposed prod. zone  
Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
7mi. WHITEHORSE T.P.

15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any) 1670'

16. NO. OF ACRES IN LEASE  
551.94

17. NO. OF ACRES ASSIGNED  
TO THIS WELL  
40

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT. 740'

19. PROPOSED DEPTH  
1650'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6878 GL

22. APPROX. DATE WORK WILL START\*  
May 12, 1975

5. LEASE DESIGNATION AND SERIAL NO.  
N.M. 052931

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
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7. UNIT AGREEMENT NAME  
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8. FARM OR LEASE NAME  
Hanson

9. WELL NO.  
31

10. FIELD AND POOL, OR WILDCAT  
2. HOSPAN  
South Hospah Field

11. SEC., T., R., M., OR BLS.  
AND SURVEY OR AREA  
Sec 6-17N-8W

12. COUNTY OR PARISH  
McKinley

13. STATE  
N.M.

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	20	100'	100 sacks
7-7/8	5-1/2	15.5	1650'	200 sacks

The proposed Development well will be drilled to a TD of 1650' to test the Lower Hospah formation. All potential hydrocarbon zones will be adequately evaluated.

Adequate blow out prevention measures will be observed at all times.

Joint with  
1-1-1-1

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 J. L. Tally TITLE District Drilling Engineer DATE May 8, 1975

(This space for Federal or State office use)

PERMIT NO. 701 APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

MAY 13 1975

\*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY

**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.

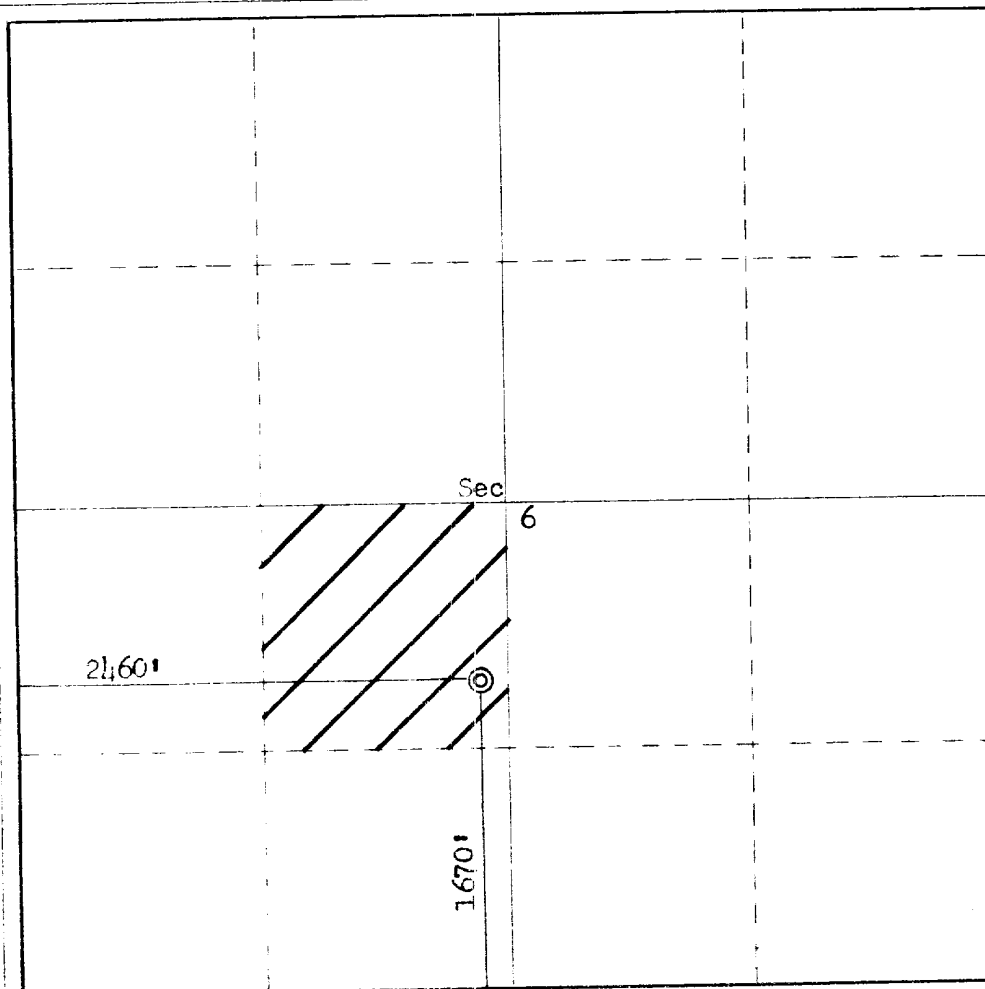
Operator <b>Tesoro Petroleum Corporation</b>			Lease <b>Hanson</b>		Well No. <b>31</b>
Map Letter <b>K</b>	Section <b>6</b>	Township <b>17N</b>	Range <b>8W</b>	County <b>McKinley</b>	
Actual Prostate Location of Well:					
<b>1670</b> feet from the <b>South</b> line and <b>2460</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6878</b>	Underlying Formation <b>L. HOSPAH - GALLUP</b>	Pool <b>S. HOSPAH</b>	Dedicated Acreage: <b>40</b> Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.



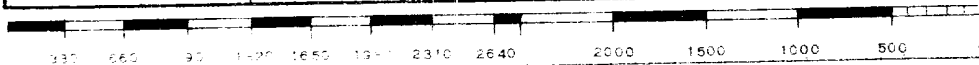
**CERTIFICATION**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.*

Name  
**ROBERT L. G. WATSON**  
Position  
**DRLG. & PROD. ENGR.**  
Company  
**TESORO PETROLEUM CORP.**  
Date  
**5-9-75**

*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  
**May 8, 1975**  
Registered Professional Engineer  
and/or Land Surveyor  
**Fred B. Kerr**  
Certificate No.  
**3950**



TESORO PETROLEUM CORPORATION

404 FIDELITY PLAZA

405-236-1531

OKLAHOMA CITY, OKLA. 73102

J. L. TALLY

MID-CONTINENT

DISTRICT DRILLING ENGINEER

May 8, 1975

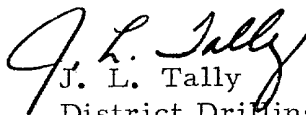
Mr. Phil McGrath  
United States Geological Survey  
Farmington, New Mexico 87401

Dear Sir:

The eleven point program for Tesoro's Hanson No. 31, 6-17N-8W, McKinley County, New Mexico is as follows:

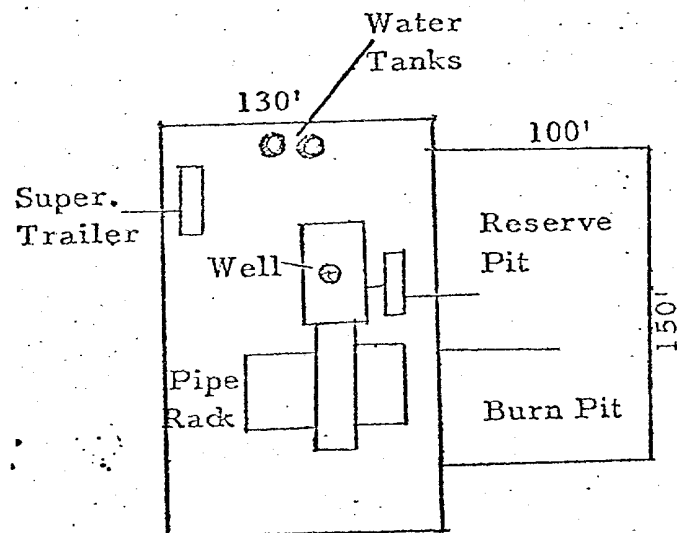
1. A map showing all existing and proposed roads in the area is attached.
2. The proposed access road will be of minimum width and approximately 150' long. Surface will be bladed native dirt and sand.
3. Lateral roads are shown on the map.
4. There are existing tank batteries and flowlines in the area.
5. Water for drilling the well will be obtained from a water supply well.
6. All waste material will be placed in the reserve pit and covered with sufficient overburden.
- 7&8. No camps or airstrips will be associated with this well.
9. Location plat is attached.
10. Upon completion or abandonment, the location will be restored using the guidelines of the BLM.
11. The topography of the area is fairly flat with no unusual environment.

Yours truly,

  
J. L. Tally

District Drilling Engineer

JLT/sgb  
Attachments



DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

