

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

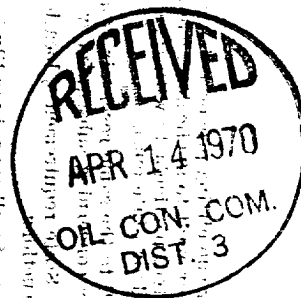
## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM 052931		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR Tesoro Petroleum Corporation			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR 8520 Crownhill Boulevard, San Antonio, Texas 78209			8. FARM OR LEASE NAME Hanson		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface Unit Letter K 1940' from West Line and 2090' from South Line At proposed prod. zone Same			9. WELL NO. 17		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* -----			10. FIELD AND POOL, OR WILDCAT South Hospah-Upper Sand		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		550'	16. NO. OF ACRES IN LEASE 551.94		17. NO. OF ACRES ASSIGNED TO THIS WELL 40 acres
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		80'	19. PROPOSED DEPTH 1540'		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6887' GL			22. APPROX. DATE WORK WILL START* April 1 - May 1, 1970		
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# K-55	60'	50 sacks	
7-7/8"	5-1/2"	14# K-55	1500'	60 sacks	

Propose to drill to top of Upper Hospah Sand at location shown. Propose setting 8-5/8" surface pipe as shown and 5-1/2" production string in top of producing sand. Will make open hole completion after drilling in with power swivel.

PLEASE NOTE REVISED LOCATION.

APR 13 1970



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 [Signature] TITLE Petroleum Engineer DATE April 8, 1970

(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

26

\*See Instructions On Reverse Side

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>17</b>	
Unit Letter <b>K</b>	Section <b>6</b>	Township <b>17 NORTH</b>	Range <b>8 WEST</b>	County <b>MC KINLEY</b>	
Actual Footage Location of Well: <b>2090</b> feet from the <b>SOUTH</b> line and <b>1940</b> feet from the <b>WEST</b> line					
Ground Level Elev: <b>6887</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.

*Harold Vagtburg, Jr.*  
Name

Harold Vagtburg, Jr.

Position

Vice President

Company

Tesoro Petroleum Corporation

Date

April 8, 1970

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

March  
**JANUARY 22, 1970**

Registered Professional Engineer  
and/or Land Surveyor

*E. J. T. L. K.*

Certificate No.

**3602**

