

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Water
InjectionSINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Tesoro Petroleum Corporation

3. ADDRESS OF OPERATOR

8520 Crownhill Boulevard, San Antonio, Texas 78209

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

At surface

Unit Letter M

5' from the South Line and 20' from the West Line
At proposed prod. zone
same

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

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest dirg. unit line, if any)

5'

16. NO. OF ACRES IN LEASE

551.94

17. NO. OF ACRES ASSIGNED
TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION*

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

410'

19. PROPOSED DEPTH

1550'

20. ROTARY OR CABLE TOOLS

Rotary

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

6929' GL - subject to revision

22. APPROX. DATE WORK WILL START*

April 30 - May 30, 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"	4-1/2"	9.5# H-40	1550'	120 sacks

Propose to drill to top of Upper Hospah Sand at location shown. Propose setting
8-5/8" surface pipe as shown and core entire Upper Hospah Sand. Will set 4-1/2"
long string through sand and perforate for injection completion.

RECEIVED

APR 29 1970

U. S. GEOLOGICAL SURVEY

RECEIVED

APR 30 1970

OIL CON. COM
DIST. 3

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

R. H. Denman

TITLE

Petroleum Engineer

DATE

April 28, 1970

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Ernest C. Underhill

TITLE

Sup. Dist. Eng.

DATE

5-4-70

CONDITIONS OF APPROVAL, IF ANY:

*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

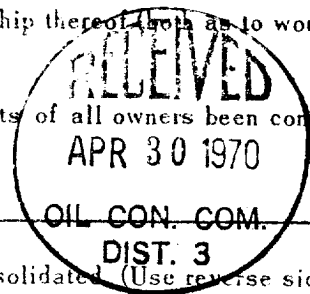
Operator Tesoro Petroleum Corporation			Lease Hanson		Well No. 18
Unit Letter M	Section 6	Township 17 North	Range 8 West	County McKinley	
Actual Footage Location of Well: 5 feet from the South line and 20 feet from the West line					
Ground Level Elev. 6929	Producing Formation Upper Hospah-Injection		Pool South Hospah-Upper Sand	Dedicated Acreage: --- 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.



		Sec. 6	

CERTIFICATION

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

Harold Vagtberg, Jr.
Name

Harold Vagtberg, Jr.

Position

Vice President

Company

Tesoro Petroleum Corp.

Date

April 28, 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.

April 18, 1970

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

3602

Certificate No.

E. J. ...

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600