

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 ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Tesoro Petroleum Corporation

3. ADDRESS OF OPERATOR
1776 Lincoln Street, Suite 1012, Denver, Colo. 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
330' FNL & 500' FWL
At proposed prod. zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
1-3/4 mi. ESE Hospah, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
330'

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.
2000' +

19. PROPOSED DEPTH
2700'

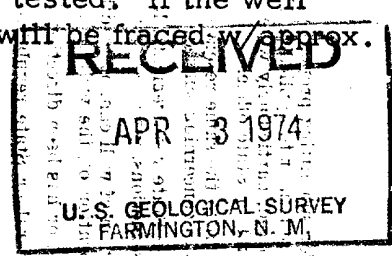
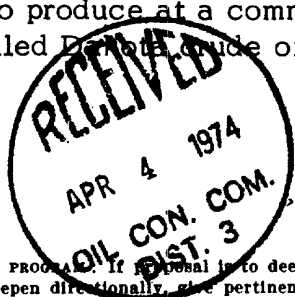
20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 6918'

22. APPROX. DATE WORK WILL START*
April 20, 1974

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	100'	100 sx.	
7 7/8"	5 1/2"	14	2650'	360 sx.	

We propose to drill a 12 1/4" hole to 100'; run 8 5/8" casing & cement to surface. We will then drill a 7 7/8" hole to approx 2700', run 5 1/2" casing and cement with 360 sx. of 50/50 poz. mix. A completion rig will be moved in, B.O.P. equipment installed, and the hole circulated w/Dakota 'D' Crude Oil. The 5 1/2" casing will then be perforated in the porous Dakota 'D' intervals and swab tested. If the well tests oil but fails to produce at a commercial rate, the perfs. will be fraced w/approx. 10,000 gals. of gelled Dakota Crude oil and 10,000# of sand.



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 L. C. Marguaret TITLE District Engineer DATE April 2, 1974

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consum

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local applicable State or Federal regulations concerning subsequent or repetitive use of the land.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

U.S. GOVERNMENT PRINTING OFFICE : 1963-O-711-396

839-171

PROPOSED CASING AND CEMENTING PROGRAM

NAME OF HOLE	NAME OF CASING	WEIGHT PER FOOT	SETTING DEPTH
"A"	"8"	48	100'
"B"	"8"	44	3000'

10,000 gals. of dehydrated Dakota crude oil and 10,000# of sand. Part of oil but fails to produce at a commercial rate, the perforations are perforated in the zones Dakota 'D' intervals and swap installed, and the hole circulated w/Dakota 'D' Grade Oil. The cost of 50/50 gas. mix. A completion rig will be moved in. V-1 will then drill a 7 7/8" hole to approx. 3700', run 5 1/2" casing. The propose to drill a 12 1/4" hole to 100'; run 8 5/8" casing.

12. *How many operators (personnel) are required to operate the program?* If personnel are to be used to develop or debug the program, give pertinent data on education and training, experience, and number.

District Engineer

STATE

NOTES

02 JUL 83a

YU. KRYZHEVICH
YE. A. KRYZHEVICH

*See Instructions On Reverse Side

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**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. 25
Unit Letter D	Section 8	Township 17N	Range 8W	County McKinley	
Actual Footage Location of Well: 330 feet from the North line and 500 feet from the West line					
Ground Level Elev. 6918	Producing Formation Dakota 'D'		Pool Hospah Dakota Extension		Dedicated Acreage; 40 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.

RECEIVED

APR 3 1974

U. S. GEOLOGICAL SURVEY

CERTIFICATION

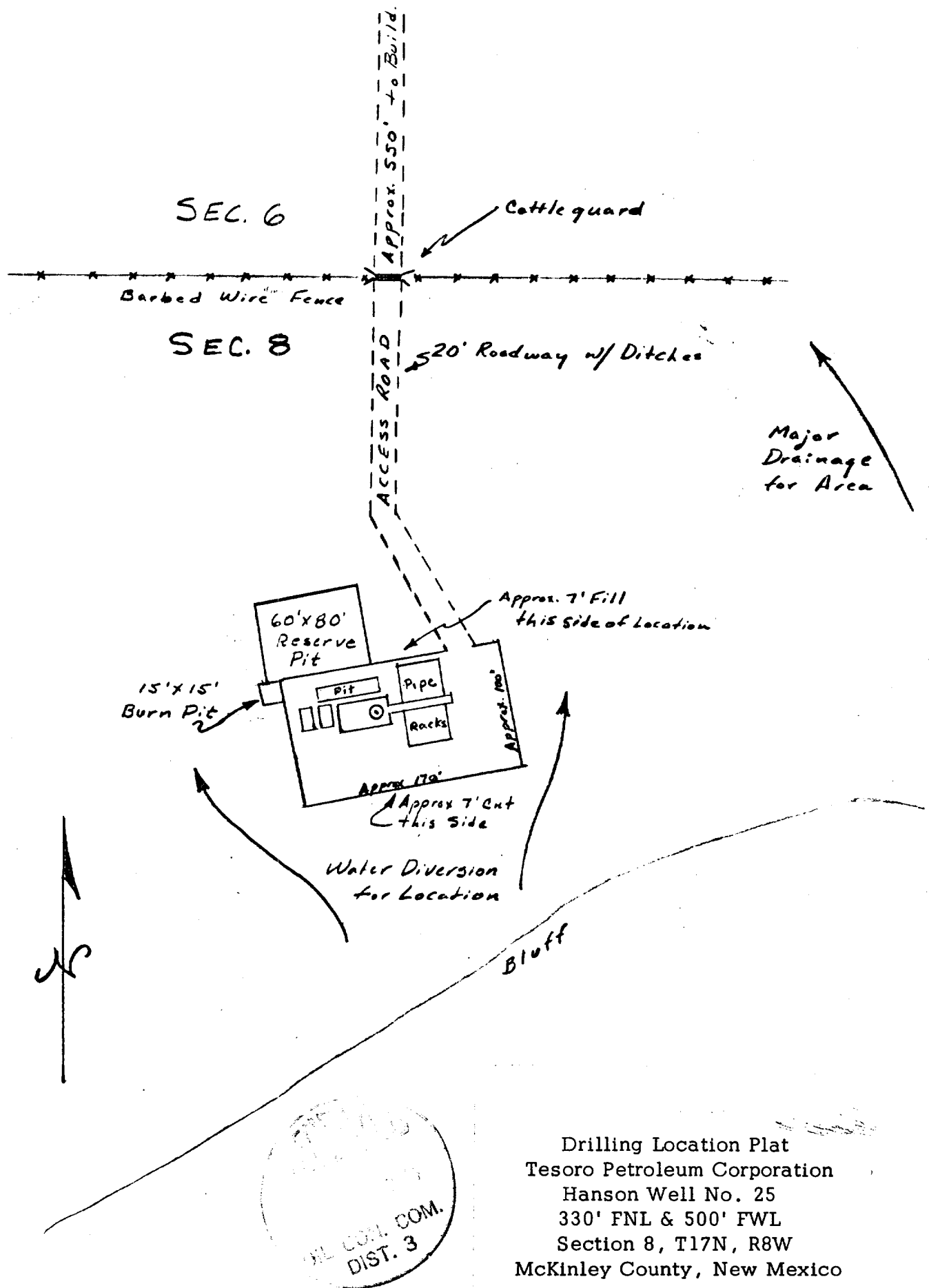
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name L. C. Marguaret
 Position District Engineer
 Company Tesoro Petroleum Corp.
 Date 4/2/74

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 26, 1974
 Registered Professional Engineer and/or Land Surveyor Fred B. Kern Jr.
 Certificate No. 3950





Drilling Location Plat
 Tesoro Petroleum Corporation
 Hanson Well No. 25
 330' FNL & 500' FWL
 Section 8, T17N, R8W
 McKinley County, New Mexico

LCM 4/2/74
 Scale 1" = 100' approx.

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