

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 ☐			5. LEASE DESIGNATION AND SERIAL NO. 0553739	
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Tesoro Petroleum Corporation			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1776 Lincoln St., Suite 1012, Denver, Colo. 80203			8. FARM OR LEASE NAME Hospah Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 330' FNL & 1650' FWL At proposed prod. zone Same			9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 1 mile E NE Hospah, New Mexico			10. FIELD AND POOL, OR WILDCAT Upper Hospah-Extension	
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 79		17. NO. OF ACRES ASSIGNED TO THIS WELL 39.5 ±
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. No wells		19. PROPOSED DEPTH 1800'		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 7025			22. APPROX. DATE WORK WILL START* May 1, 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	160'	100 sx.
7 7/8"	5 1/2"	14	1800'	100 sx.

Tesoro proposes to drill a 12 1/4" hole to 160'; run 8 5/8" casing & cement to surface. A 7 7/8" hole will then be drilled from 160' to ± 1800', electric logs will be run, and 5 1/2" casing run and cemented w/approximately 100 sacks of 50-50 poz mix. The 5 1/2" casing will then be tested to 1100 psi.

A completion rig will then be moved on the well and the water in the hole displaced w/Hospah crude oil. The porous Hospah intervals indicated on the logs will be perforated and swab tested. In the event the well proves to be commercial, pumping equipment will be installed and the well placed on production.

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 surface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED L. C. Thurgood TITLE District Engineer DATE 4/17/74
(This space for Federal or State office use)

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

Instructions

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. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

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 State or Federal office for specific instructions.

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.

U.S. GOVERNMENT PRINTING OFFICE: 1963-O-711-306

NAME OF APPLICANT _____
 ADDRESS _____
 CITY _____ STATE _____ ZIP _____
 DISTRICT ENGINEER _____

1. PROPOSED OPERATIONS (Show whether the well is to be drilled, reworked, or plugged, and if so, give location, depth, and other pertinent data on and around the well, including the proposed casing and completion, and the proposed production zone. If the well is to be plugged, give the location of the plug and the proposed production zone.)

The well will be installed and the well placed on production, operating and shut tested. In the event the well proves to be a dry hole, the proposed casing intervals indicated on the completion log will then be moved on the well and the water level will then be tested to 1100 feet. The well will then be cemented with approximately 100 sacks of 2 1/2" x 8" pipe will then be drilled from 120' to ± 1800', electric logs to be run to 1800' and 12 1/4" hole to 1800', and 8 2 1/8" casing to 1800'.

PROPOSED CASING AND COMPLETION PROPOSAL	PROPOSED DEPTH	PROPOSED Casing	PROPOSED Hole
1800'	1200'	12 1/4"	8 2 1/8"

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1800'	1200'	12 1/4"	8 2 1/8"

2. DISTANCE TO PRODUCTION ZONE (If the well is to be drilled, reworked, or plugged, give the location of the well and the proposed production zone. If the well is to be plugged, give the location of the plug and the proposed production zone.)

3. DISTANCE TO PRODUCTION ZONE (If the well is to be drilled, reworked, or plugged, give the location of the well and the proposed production zone. If the well is to be plugged, give the location of the plug and the proposed production zone.)

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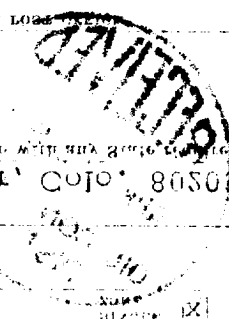
7. DISTANCE TO PRODUCTION ZONE (If the well is to be drilled, reworked, or plugged, give the location of the well and the proposed production zone. If the well is to be plugged, give the location of the plug and the proposed production zone.)

8. DISTANCE TO PRODUCTION ZONE (If the well is to be drilled, reworked, or plugged, give the location of the well and the proposed production zone. If the well is to be plugged, give the location of the plug and the proposed production zone.)

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10. DISTANCE TO PRODUCTION ZONE (If the well is to be drilled, reworked, or plugged, give the location of the well and the proposed production zone. If the well is to be plugged, give the location of the plug and the proposed production zone.)

11. DISTANCE TO PRODUCTION ZONE (If the well is to be drilled, reworked, or plugged, give the location of the well and the proposed production zone. If the well is to be plugged, give the location of the plug and the proposed production zone.)



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-102
Supersedes O-128
Effective 1-1-65

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

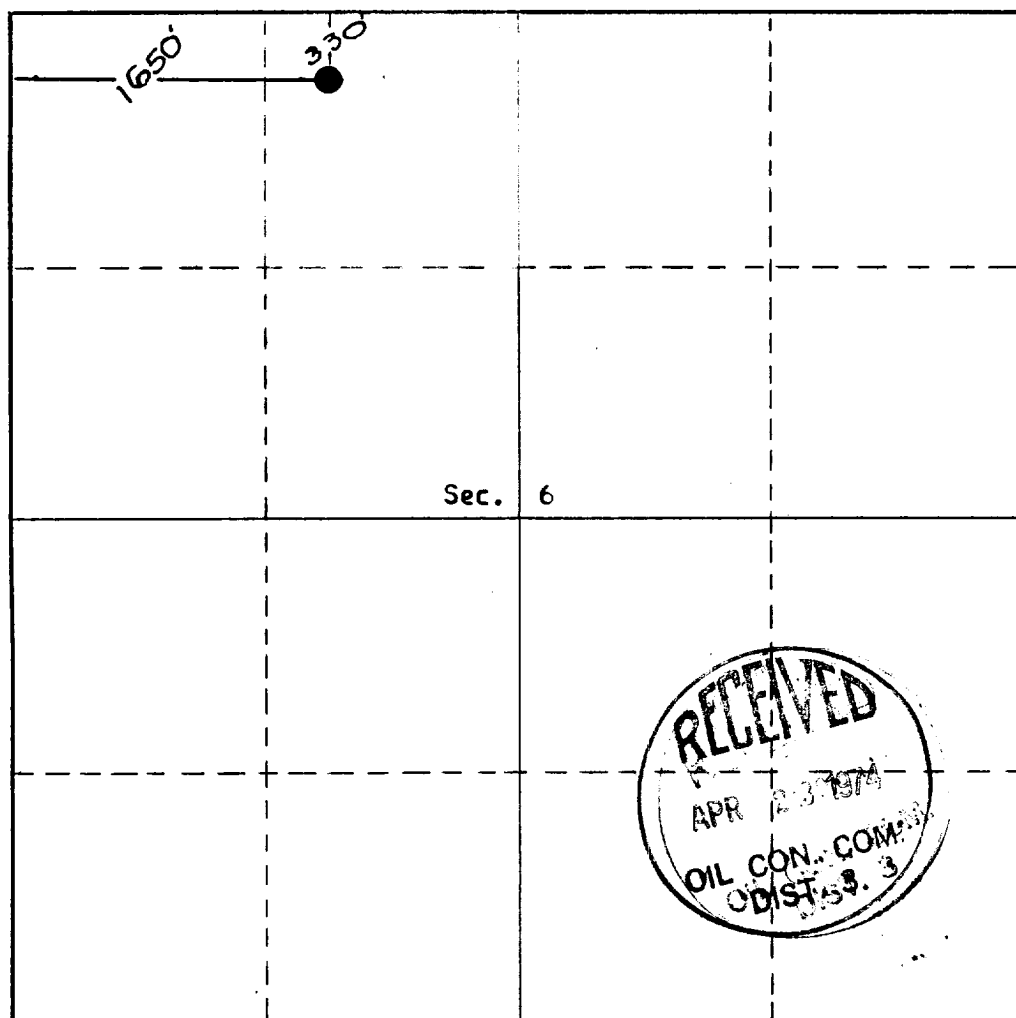
Operator TESORO PETROLEUM CORPORATION			Lease Hospah Federal		Well No. 1
Unit Letter C	Section 6	Township 17 North	Range 8 West	County McKinley	
Actual Footage Location of Well: 330 feet from the North line and 1650 feet from the West line					
Ground Level Elev. 7025	Producing Formation		Pool Upper Hospah Extension	Dedicated Acreage: 39.5 ± 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
L. Charles Marquart

Position
District Engineer

Company
Tesoro Petroleum Corp.

Date
4/16/74

I have certified 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 it is true and correct to the best of my knowledge and belief.

Date Surveyed
April 9, 1974

Registered Professional Engineer and/or Land Surveyor

E. V. Echshaw
Certificate No. **3602**
E. V. Echshaw LS

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0