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NEW MEXICO OIL CONSERVATION COMMISSION

30-031-20369
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> 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"/>		8. Farm or Lease Name Santa Fe RR	
2. Name of Operator Tesoro Petroleum Corporation		9. Well No. 33	
3. Address of Operator Suite 1012 Denver Center Building, 1776 Lincoln St. Denver 80203		10. Field and Pool, or Wildcat Hospah Dakota Extension	
4. Location of Well UNIT LETTER L LOCATED 2310 FEET FROM THE South LINE AND 330' FEET FROM THE West LINE OF SEC. 5 TWP. 17N RGE. 8W NMPM		12. County McKinley	
19. Proposed Depth 2660' ±		19A. Formation Hospah Dakota	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 6870 GR.	21A. Kind & Status Plug. Bond State Wide Bond	21B. Drilling Contractor N.A.	22. Approx. Date Work will start August 1, 1973

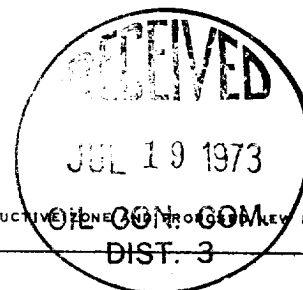
PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
13-3/4	8-5/8	24	100' +	100 sacks	Circulate
7-7/8	5-1/2	14.0	2645' +	250 sacks	1100'
4-3/4	Open Hole		15' into Dakota "D"		

We propose to drill a 13-3/4" hole to 100'; run 8-5/8" casing and cement to surface. We will then drill a 7-7/8" hole to 2645'; run 5-1/2" casing and cement with 250 sacks 50/50 Poz "G" 5% NaCl. We will then move in a completion rig, circulate the hole with Hospah crude and drill 10'-15' open 4-3/4" hole. The well will be placed on pump for a short P.I. test; then, we will frac the well with YFO gelled Dakota crude and sand. The well will then be potentialed and placed on production. A B.O.P. will be installed on the 8-5/8" casing and used thruout the drilling and completion operation.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED.

EXPIRES 10-17-73



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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed J. Harvey Ashford, Jr. Title Operations Manager Date 7/17/73

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DIST. #3 DATE JUL 19 1973

CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

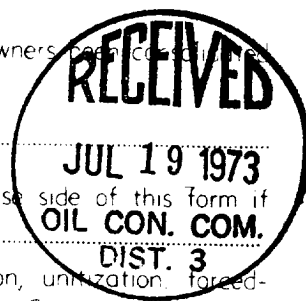
All distances must be from the outer boundaries of the Section

Operator TESORO PETROLEUM CORPORATION			Lease SANTA FE RAILROAD		Well No 33
Unit Letter L	Section 5	Township 17 North	Range 8 West	County McKinley	
Actual Footage Location of Well: 2310 feet from the South line and 330 feet from the West line Ground Level Elev 6870 Producing Formation Dakota "D" Pool Hospah Dakota Extension Dedicated Average 40 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 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, force-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.

J. Harvey Ashford, Jr.
 Name
J. Harvey Ashford, Jr.
 Position

Operations Manager
 Company

Tesoro Petroleum Corporation
 Date

7/17/73

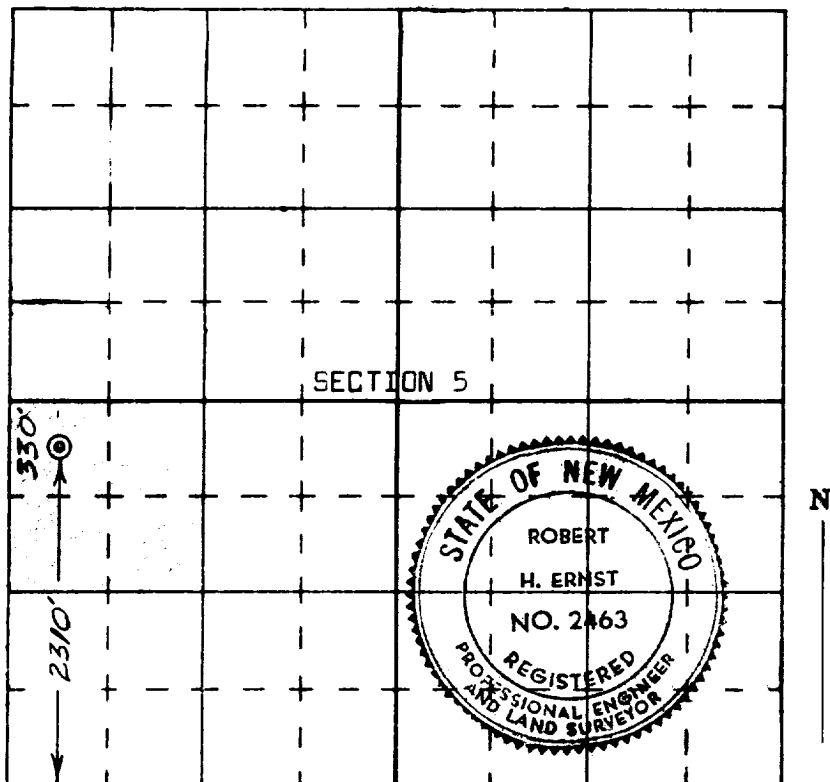
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

13 July 1973
 Date Surveyed

Robert H. Ernst
 Registered Professional Engineer
 and/or Land Surveyor

Robert H. Ernst
New Mexico PE&LS 2463

Certificate No. _____



**ERNST ENGINEERING COMPANY
DURANGO, COLORADO**