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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

30-031-20610

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 type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Injection Well SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		Hospah Sand Unit	
2. Name of Operator		8. Farm or Lease Name	
Tesoro Petroleum Corp.		Hospah Sand Unit	
3. Address of Operator		9. Well No.	
2000 1st of Denver Plaza Bldg., 633 17th St., Denver, CO. 80202		91	
4. Location of Well UNIT LETTER K LOCATED 2460 FEET FROM THE west LINE AND 1790 FEET FROM THE south LINE OF SEC. 36 TWP. 18N RGE. 9W NMPM		10. Field and Pool, or Wildcat	
		Hospah - Upper Sand	
		12. County	
		McKinley	
		40	
		19. Proposed Depth	19A. Formation
		1700'	U. Hospah
		20. Rotary or C.T.	
		Rotary	
21. Elevation (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
7077' GR	NM Blanket	Salazar Drlg. Co.	7/01/80

## 23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	8 5/8	23	40'	30 sx	surface
7 7/8	5 1/2	14	1700'	125 sx	1100'

1. Drill 12 1/4" hole to 40', set 8 5/8" csg. and cement to surface.
2. Drill 7 7/8" hole to TD using fresh water and gel-chemical mud.
3. Run Dual Induction Laterlog from TD to 40'.
4. Run and set 5 1/2" casing string at TD and cement w/125 sx.
5. Well will be completed through perforations as injection well.

An application for administrative approval to expand the H.S.U. waterflood with the drilling of this well is being filed with the Secretary-Director of the N.M.O.C.C.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED.

EXPIRES 9-23-80

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 Kerry J. Kattenbach Title District Engineer Date 6/17/80

(This space for State Use)

APPROVED BY Frank T. Chaz TITLE SUPERVISOR DISTRICT #3 DATE JUL 1 1980

CONDITIONS OF APPROVAL, IF ANY:

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

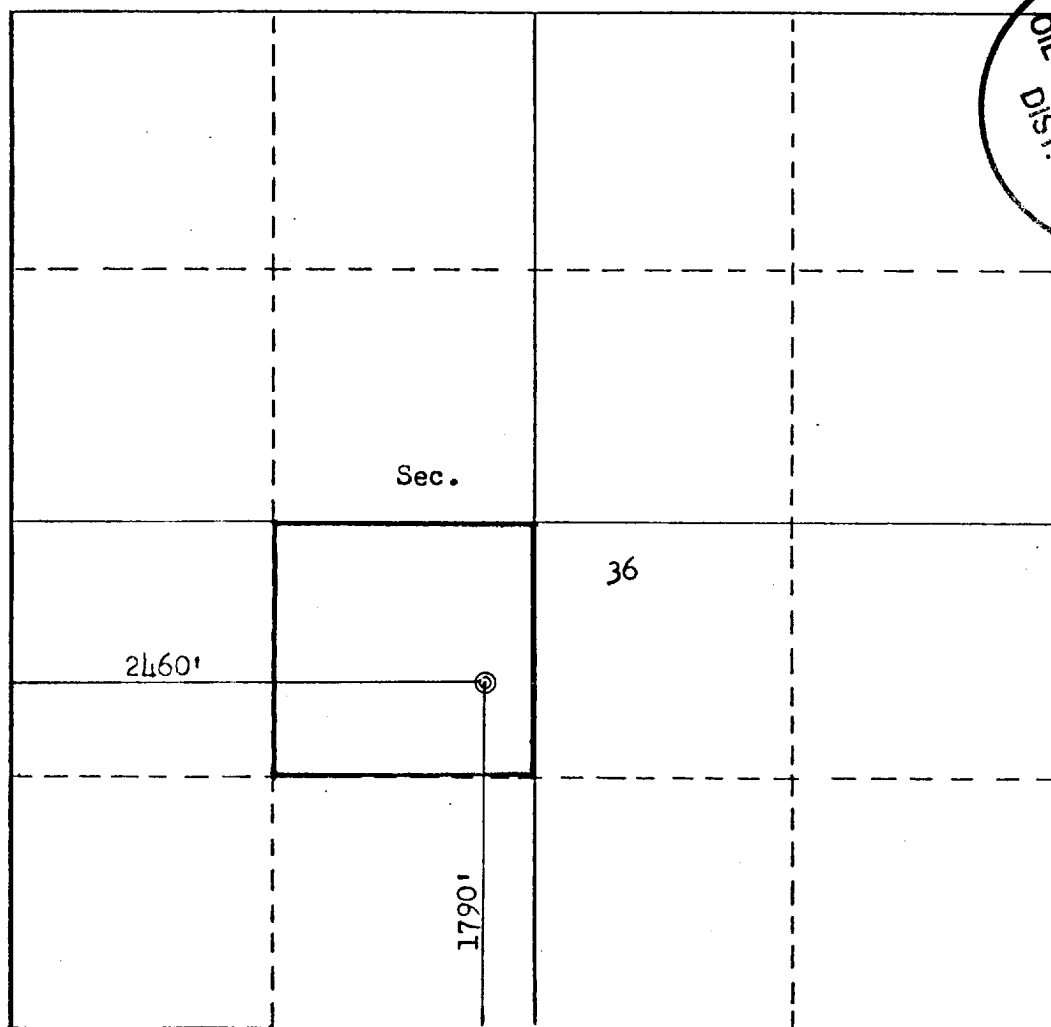
Operator <b>TESORO PETROLEUM CORPORATION</b>			Lease <b>HOSPAL SAND UNIT</b>		Well No. <b>91</b>
Unit Letter <b>K</b>	Section <b>36</b>	Township <b>18N</b>	Range <b>9W</b>	County <b>McKinley</b>	
Actual Footage Location of Well: <b>1790</b> feet from the <b>South</b> line and <b>2460</b> feet from the <b>West</b> line					
Ground Level Elev. <b>7077</b>	Producing Formation <b>Upper Hospah Sand</b>		Pool <i>Hospah</i> <b>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.	
		Name <i>Kang J. Kaltunbacher</i>	
		Position <b>District Engineer</b>	
Company <b>Tesoro Petroleum Corp.</b>		Date <b>June 17, 1980</b>	
<p>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.</p>			
Date Surveyed <b>June 9, 1980</b>		Registered Professional Engineer and/or Land Surveyor <i>Fred B. Kerr Jr.</i> <b>Fred B. Kerr Jr.</b>	
Certificate No. <b>3950</b>		P. KERR, JR.	