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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65 30-031-20197

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
662	

## 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 Water Supply 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 Corporation		State	
3. Address of Operator		9. Well No.	
8520 Crownhill, San Antonio, Texas 78209		53-47	
4. Location of Well		10. Field and Pool, or Wildcat	
UNIT LETTER 0 LOCATED 525 FEET FROM THE South LINE AND 2135 FEET FROM THE East LINE OF SEC. 36 TWP. 18N RGE. 9W NMPM		Hospah Upper Sand	
12. County			
McKinley			
19. Proposed Depth		19A. Formation	
3200'		Dakota/Morrison	
20. Rotary or C.T.		Rotary	
21. Elevations (Show whether DF, RT, etc.)		21A. Kind & Status Plug. Bond	
6997' GR		Blanket	
21B. Drilling Contractor		22. Approx. Date Work will start	
Aztec Well Service		Immediately	

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	10 3/4"	32.75	130'	150	Surface
9"	7"	20.0	3200'	200	2000

Propose to drill to 3200' TD, setting 10 3/4" surface pipe in 15" hole @ ±130'. Will test Lower Hospah Sand at approximate depth 1676' before proceeding to TD. Will run IES and formation density log to TD and set 7" H-40 casing on bottom. Plan to run Gamma Ray Neutron Log with collar locator to correlate for perforating and completing as water supply well in Morrison formation for use in the Hospah Upper Sand water flood. BOP will be installed after cementing surface pipe.

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 N. H. Genman Title Petroleum Engineer Date January 29, 1971

(This space for State Use)

APPROVED BY Emory Cawley TITLE Sup Dist III DATE 2-1-71  
CONDITIONS OF APPROVAL, IF ANY:

**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.

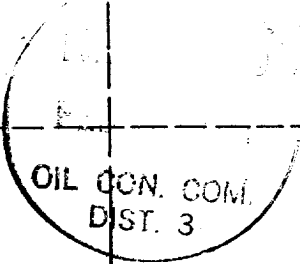

Operator <b>TESORO PETROLEUM CORPORATION</b>			Lease <b>Hospah Sand Unit</b>		Well No. <b>53-<del>3</del>Y</b>
Unit Letter <b>0</b>	Section <b>36</b>	Township <b>18 North</b>	Range <b>9 West</b>	County <b>McKinley</b>	
Actual Footage Location of Well:					
<b>525</b> feet from the <b>South</b> line and		<b>2135</b> feet from the <b>East</b> line			
Ground Level Elev: <b>6997</b>	Producing Formation <b>Hospah</b>	Pool <b>Hospah Upper Sand</b>		Dedicated Acreage: <b>0</b> Water Supply Well 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. 36		
		 <b>525'</b>	<b>2135'</b>

**CERTIFICATION**

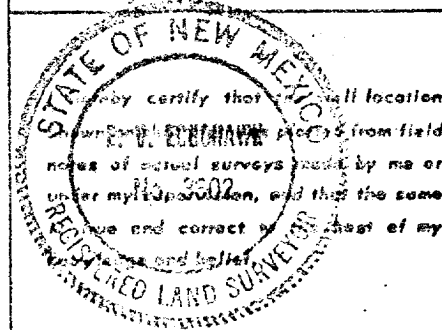
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*R. H. Denman*  
Name

Position **R. H. Denman**  
**Petroleum Engineer**

Company  
**Tesoro Petroleum Corporation**

Date  
**January 29, 1971**



Date Surveyed  
**January 20, 1971**

Registered Professional Engineer  
and/or Land Surveyor

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