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# NEW MEXICO OIL CONSERVATION COMMISSION

30-031-20149  
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 type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>		8. Farm or Lease Name	
c. Name of Operator Tesoro Petroleum Corp.		9. Well No. 24	
d. Address of Operator 2000 1st of Denver Plaza, Denver, CO. 80202		10. Field and Pool, or Wildcat Hospah Field Lower Hospah Form.	
e. Location of Well UNIT LETTER F LOCATED 1335 FEET FROM THE North LINE AND 1325 FEET FROM THE West LINE OF SEC. 7 TWP. 17N RGE. 8W NMPM		12. County McKinley	
13. Proposed Depth 1,642 (GL)		19A. Formation Lower Hospah	20. Rotary or C.T. Rotary
21A. Kind & Status, Plug, Bond NM Blanket		22. Approx. Date Work will start June 1, 1981	

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
existing: 6 1/4"	4 1/2"	9.5#	1593' (GL)	65	900' (GL)
proposed: 3 7/8"	open hole	--	--	--	--

Well is presently injecting water into the Upper Hospah formation in zones: "A" (1564-67' KB), "B" (1575-77'), "C" (1581-84') and "D" (1589-92') at a total of 6 bbls./day at 800 psi. The well will be deepened 48 ft. to 1,642 ft. (GL) into the Lower Hospah. Plastic coated tubing will be run with a packer set below the Upper Hospah perforations. The well will be converted to a Lower Hospah water injector. New Mexico State approval for the Lower Hospah Pressure Maintenance Project was given on March 4, 1980 by Administrative Order WFX-480 (corrected).

APPROVAL VALID  
FOR 6 MONTHS  
UNLESS  
EXTENDED & COMMENCED,

EXPIRES 11-11-81

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 James E. Steppin Title District Operations Manager

Date 5/8/81

(This space for State Use)

SUPERVISOR DISTRICT # 3

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE

DATE MAY 11 1981

CONDITIONS OF APPROVAL, IF ANY: