

30-031-20150

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NEW MEXICO OIL CONSERVATION COMMISSION

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"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Water Injector SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Santa Fe Railroad	
2. Name of Operator Tesoro Petroleum Corp.		9. Well No. 23	
3. Address of Operator 2000 1st of Denver Plaza, Denver, CO. 80202		10. Field and Pool, or Wildcat Hospah Field, Lower Hospah Form.	
4. Location of Well UNIT LETTER C LOCATED 5 FEET FROM THE North LINE AND 1330 FEET FROM THE West LINE OF SEC. 7 TWP. 17N RGE. 8W NMPM		12. County McKinley	
19. Proposed Depth 1,590' (GL)		19A. Formation Lower Hospah	20. Rotary or C.T. Rotary
21. Elevations (Show whether DE, RT, etc.) 6900' (GL), 6912' (KB)	21A. Kind & Status Blng. Bond NM Blanket	21B. Drilling Contractor Tesoro Field Rig	22. Approx. Date Work will start June 1, 1981

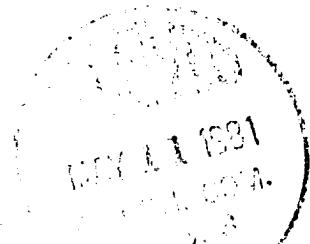
PROPOSED CASING AND CEMENT PROGRAM

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#	1537' (GL)	65	850' (GL)
proposed: 3 7/8"	open hole	--	--	--	--

well is presently injecting water into the Upper Hospah formation in zones: "B" (1519-22' KB), "C" (1527-29') and "D" (1534-37') at a total of 2 bbls./day at 840 psi. The well will be deepened 52 ft. to 1,590 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
DRILLING IS 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. Stepanish Title District Operations Manager Date 5/8/81
Production Engineer

(This space for State Use)

APPROVED BY Frank J. Day TITLE SUPERVISOR DISTRICT # 3 DATE MAY 11 1981

CONDITIONS OF APPROVAL, IF ANY: