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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 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 Alves "A"	
2. Name of Operator SOHIO PETROLEUM COMPANY		9. Well No. 2	
3. Address of Operator P. O. Box 3167, Midland, Texas 79701		10. Field and Pool, or Wildcat Undesignated San Andres	
4. Location of Well UNIT LETTER M LOCATED 660 FEET FROM THE West LINE AND 660 FEET FROM THE South LINE OF SEC. 8 TWP. 21S RGE. 37E NMPM		12. County Lea	
19. Proposed Depth 4500'		19A. Formation San Andres	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3490 G.L.	
21A. Kind & Status Plug. Bond \$10,000 Blanket		21B. Drilling Contractor --	
22. Approx. Date Work will start March 14, 1972			

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8-5/8"	24#	1300	380	Surface
7-7/8"	5-1/2"	15.5#	4500	300	3000

Contractor will be designated on first C-103 filed. Surface casing will be tested for 30 minutes at a minimum of 600 psi. Production casing will be tested @ 1500 psi or greater. Casing will be set thru pay, perforated and fraced.

This is to be an undesignated San Andres test, coring the Grayburg and San Andres. If production is not obtained from the San Andres, the well will be plugged back from the San Andres and completed in the Grayburg in the Penrose-Skelly Pool.

THE COMMISSION HAS REVIEWED  
24. C. GOULD, DISTRICT ENGINEER  
CASING.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 6-8-72

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 R. C. GOULD Title District Engineer Date March 6, 1972

(This space for State Use)

SUPERVISOR DISTRICT I

MAR 13 1972

APPROVED BY [Signature] TITLE  DATE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

MAR 7 1972

U.S. CONSERVATION COMM.  
HOBBS, N. M.