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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 type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		8. Farm or Lease Name <b>Alves</b>	
2. Name of Operator <b>SOHIO PETROLEUM COMPANY</b>		9. Well No. <b>#3</b>	
3. Address of Operator <b>P.O. Box 3167, Midland, Texas 79701</b>		10. Field and Pool, or Wildcat <b>Penrose-Skelly</b>	
4. Location of Well UNIT LETTER <b>A</b> LOCATED <b>660</b> FEET FROM THE <b>North</b> LINE AND <b>660</b> FEET FROM THE <b>East</b> LINE OF SEC. <b>18</b> TWP. <b>21S</b> RGE. <b>37E</b> NMPM		12. County <b>Lea</b>	
19. Proposed Depth <b>4005 P.B.</b>		19A. Formation <b>Grayburg</b>	
20. Rotary or C.T. <b>Well Service Unit</b>			
21. Elevations (Show whether DF, RT, etc.) <b>3489 KB, 3478 G.L.</b>		21A. Kind & Status Plug. Bond <b>\$10,000 Blanket</b>	
21B. Drilling Contractor <b>-----</b>		22. Approx. Date Work will start <b>August 13, 1973</b>	

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
No Change					
No Change					

It is proposed to P.B. from the San Andres (Perf. 4026-46) w/sand to 4025 and with cement from 4025 to 4005'. Perforate Grayburg w/2 shots per foot @3814, 3824,3836,3846,3854. Perforate Grayburg w/one shot/ft. @ 3951,3956,3959,3963,3965, and 3974. Ball out all perforations w/approx. 750 gal. 15% NE acid. Will frac w/approximately 20,000 gal. & 30000# sand if necessary to be commercial.

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 Burton Whiteley Title District Superintendent Date August 8, 1973  
(This space for State Use)

APPROVED BY [Signature] TITLE 500 DATE 1973  
CONDITIONS OF APPROVAL, IF ANY:

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1973

U.S. CONSERVATION COMMISSION  
RUSSELL, I. A.