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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.	
none	

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
		none	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input checked="" 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	
		Gill "A"	
2. Name of Operator		9. Well No.	
Penrose Production Company		1	
3. Address of Operator		10. Field and Pool, or Wildcat	
1605 Commerce Building, Fort Worth, Texas 76102		Penrose-Skelly	
4. Location of Well UNIT LETTER <u>L</u> LOCATED <u>1980</u> FEET FROM THE <u>south</u> LINE AND <u>612</u> FEET FROM THE <u>west</u> LINE OF SEC. <u>31</u> TWP. <u>21S</u> RGE. <u>37E</u> NMPM		12. County	
		Lea	
19. Proposed Depth		19A. Formation	
3848'		Grayburg	
20. Rotary or C.T.		rotary	
21. Elevations (Show whether DF, RT, etc.)		22. Approx. Date Work will start	
3478' and		9/14/71	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
in force		reverse unit	

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
6 1/4"	4 1/2"	9.5#	3848'	55	3650'

Present TD of well is 3748'. Well completed in Penrose-Skelly Grayburg Field in open hole from 7" casing seat at 3707' to total depth of 3748'.

Propose to deepen with reverse unit from 3748' to 3848' and run and cement 4 1/2" liner from 3650' to 3848'.

Will then reperforate Penrose-Skelly Grayburg pay zone, acidize, frac, and return to production.

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 H. J. Weir Title Petroleum Engineer Date September 10, 1971

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT I DATE SEP 13 1971

CONDITIONS OF APPROVAL, IF ANY:

100-100-100

100-100-100

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SEP 13 1971

OIL CONSERVATION COMM.  
HOBBS, N. M.