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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input 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 OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Shell-State	
DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		9. Well No. 1	
2. Name of Operator C. E. Long		10. Field and Pool, or Wildcat South Eunice	
3. Address of Operator Box 1578, Midland, Texas 79701		12. County Lea	
4. Location of Well UNIT LETTER N LOCATED 660 FEET FROM THE south LINE AND 2310 FEET FROM THE west LINE OF SEC. 32 TWP. 21-S RGE. 36-E NMPM			
19. Proposed Depth 3800 PBTD		19A. Formation 7-Rivers	
21. Elevations (Show whether DF, RT, etc.) 3613' GL		22. Approx. Date Work will start 12/9/68	
21A. Kind & Status Plug. Bond Plugging bond in force		20. Rotary or C.T.	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

Present Productive Zone: oil and casinghead gas from lower 7-Rivers and Queen (So. Eunice Pool) through perforations between 3812 and 3886'.
Proposed New Productive Zone: Will set permanent bridging plug at 3800' there- (Jalmat Gas Pool) by blanking off all old perforations. Will in- stall blowout preventer on flange-type wellhead, perforate between 3260' and 3693' with 21 holes, set packer at 3450' and acidize with 3,000' gallons of 15% acid a section of the upper 7-Rivers formation between 3450' and 3693'. Will then swab to test results of treatment. Then will fracture treat using lease crude or water and sand separately on Seven Rivers formation and then on Yates formation. Expect to complete as gas well.

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 *C. E. Long* Title Owner-operator Date 12/7/68

(This space for State Use)

APPROVED BY *John H. Hines* TITLE DATE
CONDITIONS OF APPROVAL, IF ANY: