

Form C-101  
Revised 10-1-78

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5a. Indicate Type of Lease

|       |                                     |     |                          |
|-------|-------------------------------------|-----|--------------------------|
| State | <input checked="" type="checkbox"/> | Fee | <input type="checkbox"/> |
|-------|-------------------------------------|-----|--------------------------|

5 State Oil & Gas Lease No  
B-1527

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

|  |  |  |  |  |                              |   |  |
|--|--|--|--|--|------------------------------|---|--|
| 1a Type of Work<br>DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>  |  |  |  |  |                              | 7 Unit Agreement Name<br>East Vacuum Gb/SA Unit |  |
| b Type of Well<br>Oil Gas<br>Well <input checked="" type="checkbox"/> Well <input type="checkbox"/> Other _____<br>Single Multiple<br>Zone <input checked="" type="checkbox"/> Zone <input type="checkbox"/> |  |  |  |  |                              | 8 Farm or Lease Name<br>East Vacuum Gb/SA Unit  |  |
| 2 Name of Operator<br>Phillips Petroleum Company   |  |  |  |  |                              | 9 Well No 3127<br>008                           |  |
| 3 Address of Operator<br>4001 Penbrook Street, Odessa, Texas 79762   |  |  |  |  |                              | 10 Field and Pool, or Wildcat<br>Vacuum Gb/SA   |  |
| 4 Location of Well<br>Unit Letter J Located 1410 feet From the East Line<br>And 2173 Feet From The South Line of Sec 31 TWP 17-S RGE 35-E NMPM   |  |  |  |  |                              |   |  |
|  |  |  |  |  |                              | 12 County<br>Lea                                |  |
|  |  |  |  |  |                              |   |  |
|  |  |  |  | 19 Proposed Depth<br>4800'                   | 19A Formation<br>Grayburg/SA | 20 Rotary or C.T.<br>Rotary                     |  |
| 21 Elevations (Show whether DF, RT, etc.)<br>3975.1 GL   |  | 21A Kind & Status Plug Bond<br>Blanket |  | 21B Drilling Contractor<br>Will advise later |                              | 22 Approx Date Work Will Start<br>Upon approval |  |
| 23 PROPOSED CASING AND CEMENT PROGRAM  |  |  |  |  |                              |   |  |

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT   | EST. TOP |
|--------------|----------------|-----------------|---------------|-------------------|----------|
| 17-1/2"      | 13-3/8"        | 48#             | 1530'         | 1400 sk "C"       | Surface  |
| 11"          | 8-5/8"         | 32# & 24#       | 3150'         | Caliper + 30% (1) | Surface  |
| 7-7/8"       | 5-1/2"         | 14#             | 4800'         | Caliper + 30% (2) | Surface  |

- (1) Lead - 50-50 Pozmix (Class H) w/ 2% Bentonite & 5% salt.  
Tail - Class H w/ 5% salt.
- (2) Lead - 65-35 Pozmix (Class C) w/ 6% Bentonite & 2%  $\text{CaCl}_2$  & 8% Halad 9.  
Tail - 300 sk Class C Neat
- Intermediate string contingent on waterflow  
Use mud additives as required for control.
- BOP Equipment: Series 900, 3000# WP (see attached schematic - Figure 7-9 or 7-10).

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 given is true and complete to the best of my knowledge and belief

SIGNED W J Mueller Engineering Supervisor, Resv DATE 1/27/88

APPROVED BY Eddie W. Seay TITLE Oil & Gas Inspector DATE MAR 8 - 1988

CONDITIONS OF APPROVAL, if ANY

Permit Expires 6 Months from Approval  
Date Unless Drilling Underway.

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