

30-015-24454

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTArtesia  
OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-101  
Revised 10-1-78

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APR 06 1983

O. C. D.

## 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>---                                  |
| b. Type of Well<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>                                                                            |  | 8. Farm or Lease Name<br>Drag-C                                |
| 2. Name of Operator<br>Phillips Petroleum Company <input checked="" type="checkbox"/>                                                                                                                       |  | 9. Well No.<br>2                                               |
| 3. Address of Operator<br>Room 401, 4001 Penbrook Street, Odessa, Texas                                                                                                                                     |  | 10. Field and Pool, or Wildcat<br>Undesignated-Bone Spring Gas |
| 4. Location of Well<br>UNIT LETTER <u>0</u> LOCATED <u>1980 990</u> FEET FROM THE <u>east</u> <u>South</u> LINE<br>AND <u>990</u> FEET FROM THE <u>South</u> LINE OF SEC. <u>19</u> TWP. T-23-S R-27-E NMPM |  | 11. County<br>Eddy                                             |
| 19. Proposed Depth<br>5,600                                                                                                                                                                                 |  | 15A. Formation<br>Bone Spring                                  |
| 20. Rotary or C.T.<br>Rotary                                                                                                                                                                                |  | 21. Approx. Date Work will start<br>upon approval              |
| 22. Elevations (show whether DF, KT, etc.)<br>later 3400.5 GL                                                                                                                                               |  | 21A. Kind & Status Plug. Bond<br>blanket                       |
| 21B. Drilling Contractor<br>later                                                                                                                                                                           |  |                                                                |

## PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH                                                                                                                                                    | SACKS OF CEMENT | EST. TOP        |
|--------------|----------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|
| 12 1/2"      | 8-5/8"         | 24# K-55        | 500' (300 sx C/C w/2% CaCl <sub>2</sub> )                                                                                                                        |                 | Circ at surface |
| 7-7/8"       | 5-1/2"         | 17# K-55        | 5,600' (Caliper volume plus)<br>(30% excess TLW w/10%)<br>(DD, 10% salt and 1/4# Cellophane)<br>(per sx followed by 450 sx Class C w/2%)<br>(CaCl <sub>2</sub> ) |                 | Circ at surface |

Use mud additive as required for control

BOP Eqpt: See Figures 7-9, 7-10, or 7-11 attached

APPROVAL VALID FOR 180 DAYS  
PERMIT NO. 10-783  
UNLESS DRILLING UNDERWAYN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRO-  
DUCIVE ZONE, /CIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

W. J. Mueller Title Senior Engineering Specialist Date 3-30-83

(This space for State Use)

APPROVED BY Mark Walker TITLE OIL AND GAS INSPECTORDATE APR 07 1983

CONDITIONS OF APPROVAL, IF ANY: