

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-101  
Revised 10-1-78

|                        |  |
|------------------------|--|
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5A. Indicate Type of Lease  
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|                                                                                                                                                                                                                                                |  |                                                                                                              |  |                                                   |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------|--|
| 1a. Type of Work<br>b. Type of Well<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/><br>SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> |  | DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> |  | 7. Unit Agreement Name                            |  |
| 2. Name of Operator<br>SHELL WESTERN E&P INC.                                                                                                                                                                                                  |  |                                                                                                              |  | 8. Farm or Lease Name<br>TURNER                   |  |
| 3. Address of Operator<br>P. O. BOX 576, HOUSTON, TX 77001 (WCK 4435)                                                                                                                                                                          |  |                                                                                                              |  | 9. Well No.<br>8                                  |  |
| 4. Location of Well<br>UNIT LETTER L LOCATED 1740 FEET FROM THE SOUTH LINE<br>AND 350 FEET FROM THE WEST LINE OF SEC. 22 TWP. 21S RGE. 37E NMMPM                                                                                               |  |                                                                                                              |  | 10. Field and Pool, or Wildcat<br>WANTZ ABO       |  |
|                                                                                                                                                                                                                                                |  |                                                                                                              |  | 12. County<br>LEA                                 |  |
| 11. Elevations (Show whether DF, RT, etc.)<br>3430' DF                                                                                                                                                                                         |  | 21A. Kind & Status Plug. Bond<br>BLANKET                                                                     |  | 19. Proposed Depth<br>7885' (TD)                  |  |
|                                                                                                                                                                                                                                                |  | 21B. Drilling Contractor<br>WORKOVER RIG                                                                     |  | 19A. Formation<br>WANTZ ABO                       |  |
|                                                                                                                                                                                                                                                |  |                                                                                                              |  | 20. Rotary or C.T.<br>ROTARY                      |  |
|                                                                                                                                                                                                                                                |  |                                                                                                              |  | 22. Approx. Date Work will start<br>UPON APPROVAL |  |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP SURF |
|--------------|----------------|-----------------|---------------|-----------------|---------------|
| 17-1/2"      | 13-3/8"        | 32.4#           | 209'          | 300             | SURF          |
| 11"          | 8-5/8"         | 32#             | 2905'         | 2300            | SURF          |
| 7-7/8"       | 5-1/2"         | 15.5, 17#       | 7885'         | 600             | + 4000'       |
|              |                |                 |               |                 | (FREE POINT)  |

1. POH w/prod equip.
2. Set cmt ret @ 7600'. Sqz Hare Simpson perms 7696' - 7828' w/100 sx Cls "C" cmt + .3% Halad-9 followed by 100 sx Cls "C" cmt + 2% CaCl<sub>2</sub>. WOC 24 hrs.
3. Perf Wantz Abo 7129' - 7168' (1 JSPF).
4. Run base GR/Temp Log from 7300' to 6800'.
5. Acdz perms 7129' - 7168' w/4750 gals 20% HCl-NEA + 500# rock salt.
6. Run GR/Temp Log from 7300' to 6800'.
7. Install prod equip & place well on prod for zone test.
8. POH w/prod equip.
9. Perf Wantz Abo 6826' - 7080' (1 JSPF).
10. Set RBP @ 7100'.
11. Acez perms 7032' - 7080' w/2000 gals 20% HCl-NEA + 250# rock salt.
12. Reset RBP @ 7020'.

(CONTINUED ON REVERSE SIDE)

THE 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.

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

Signed A. J. FORE Title SUPERVISOR REG. & PERMITTING Date 1-21-88

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE  DATE JAN 26 1988

CONDITIONS OF APPROVAL, IF ANY:

13. Acdz perfs 6826' - 6989' w/4000 gals 20% HCl-NEA + 750# rock salt.  
TOH w/RBP.
14. Install prod equip & return well to prod.