

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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 DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | | 7. Unit Agreement Name ANTELOPE RIDGE UNIT | |
| b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> | | 8. Farm or Lease Name ANTELOPE RIDGE | |
| 2. Name of Operator SHELL WESTERN E&P INC. | | 9. Well No. 9 | |
| 3. Address of Operator P. O. BOX 991, HOUSTON, TX 77001 | | 10. Field and Pool, or Wildcat WILDCAT | |
| 4. Location of Well UNIT LETTER P LOCATED 1285 FEET FROM THE SOUTH LINE AND 660 FEET FROM THE EAST LINE OF SEC. 33 TWP. 23-S RGE. 34-E NMPM | | 12. County LEA | |
| 19. Proposed Depth 17,850' | | 19A. Formation ELLENBURGER | |
| 20. Rotary or C.T. ROTARY | | 21. Elevations (Show whether DF, RT, etc.) 3392.1' GR | |
| 21A. Kind & Status Plug. Bond BLANKET | | 21B. Drilling Contractor UNDETERMINED | |
| 22. Approx. Date Work will start OCTOBER 1, 1984 | | | |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 36" | 30" | CONDUCTOR | 40' | REDIMIX | SURFACE |
| 26" | 20" | 54# | 450' | 560 SX | SURFACE |
| 17-1/2" | 13-3/8" | 68# | 5200' | 2000 SX | SURFACE |
| 12-1/4" | 9-5/8" | 40,43.5,47# | 11,750' | 850 SX | 8000' |
| 8-1/2" | 7-5/8" Liner | 33.7# | 14,000' | 300 SX | 11,600' |
| 6-1/2" | 5-1/2" | 17,20# | 17,850' | 400 SX | 11,600' |

NOTE: ALL CASING WILL BE NEW OR RECONDITIONED
NSL ORDER #R-7618
BOP PROGRAM: S.A. @ 450'; 12MR-12-SRRAG @ 5200'; 10MS-10-SRRAG @ 11,750'.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 2/23/85
UNLESS DRILLING UNDERWAY

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 Eddie W. Seay A. J. FORE Title SUPERVISOR REG. & PERMITTING Date AUGUST 21, 1984

(This space for State Use)

Eddie W. Seay

APPROVED BY Oil & Gas Inspector TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

AUG 23 1984