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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

|                                |   |
|--------------------------------|---|
| 5A. Indicate Type of Lease     |   |
| STATE <input type="checkbox"/> | FEE <input checked="" 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<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>  |  | 8. Farm or Lease Name<br>Thelma Crosby B                |  |
| 2. Name of Operator<br>Shell Oil Company  |  | 9. Well No.<br>4  |  |
| 3. Address of Operator<br>P. O. Box 1509, Midland, Texas 79701  |  | 10. Field and Pool, or Wildcat<br>Cato San Andres       |  |
| 4. Location of Well<br>UNIT LETTER <u>C</u> LOCATED <u>1980</u> FEET FROM THE <u>West</u> LINE<br>AND <u>660</u> FEET FROM THE <u>North</u> LINE OF SEC. <u>5</u> TWP. <u>9S</u> RGE. <u>30E</u> NMPM |  | 12. County<br>Chaves                                    |  |
| 19. Proposed Depth<br>3415'   |  | 19A. Formation<br>San Andres                            |  |
| 20. Rotary or C.T.<br>Rotary  |  | 21. Elevations (Show whether DF, RT, etc.)<br>4106.7 GL |  |
| 21A. Kind & Status Plug. Bond<br>Blanket  |  | 21B. Drilling Contractor<br>Cactus Drilling Company     |  |
| 22. Approx. Date Work will start<br>7-31-76   |  |   |  |

23.

## PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 11"          | 8 5/8"         | 24#             | 250'          | 100+            | Surface  |
| 7 7/8"       | 5 1/2"         | 15.5#           | 3415'         | 225             | 2600'    |

BOP Program: 10" 2000 psi WP, double ram.

One string of casing must be cemented from the top of the anhydrite to the surface. Either a longer string of surface pipe or a D. V. tool in the long string would be satisfactory.

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 J. D. D'Agostino Title Senior Drilling Engineer Date 7-21-76  
(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 1 DATE JUL 20 1976  
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

JUL 22 1976

OIL CONSERVATION COMM.  
HOPE