

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

| | | | |
|---|---------------|---|---------------|
| OPERATOR Coastal States Gas Producing Company | | ADDRESS P.O. Box 235, Midland, Texas 79701 | |
| LEASE NAME Santa Fe | WELL NO. 2 | FIELD West Sawyer (San Andres) | COUNTY Lea |
| LOCATION UNIT LETTER <u>F</u> : WELL IS LOCATED <u>1980</u> FEET FROM THE <u>West</u> LINE AND <u>1980</u> FEET FROM THE <u>North</u> LINE, SECTION <u>33</u> TOWNSHIP <u>9-S</u> RANGE <u>37-E</u> N.M.P.M. | | | |

| CASING AND TUBING DATA | | | | | |
|---|----------------|---|--|---|--------------------------------|
| NAME OF STRING | SIZE | SETTING DEPTH | SACKS CEMENT | TOP OF CEMENT | TOP DETERMINED BY |
| SURFACE CASING | 8-5/8" | 478' | 350 | Circulated | Visual |
| INTERMEDIATE | | | | | |
| LONG STRING | 4-1/2" | 5025' | 250 | 3500' | Calculation |
| TUBING | 2-3/8" | 3650' | NAME, MODEL AND DEPTH OF TUBING PACKER Johnson Tension Packer | | |
| NAME OF PROPOSED INJECTION FORMATION Crayburg | | | TOP OF FORMATION 3610' | | BOTTOM OF FORMATION 4034 |
| IS THIS A NEW WELL, DRILLED FOR DISPOSAL? | | PERFORATIONS OR OPEN HOLES? | | PROPOSED INTERVAL(S) OF INJECTION | |
| No | | Oil Production | | tubing perforations 3690' to 3938' | |
| HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? | | yes | | | |
| LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH | | | | | |
| 4904-4944' (San Andres - oil) - 50 sx; OH 5025-5133 (San Andres - SWD) | | | | | |
| DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 400' | | DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA none | | DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA none | |
| ANTICIPATED DAILY INJECTION VOLUME (BBLS.) | MINIMUM 750 | MAXIMUM 1500 | OPEN OR CLOSED TYPE SYSTEM closed | IS INJECTION TO BE BY GRAVITY OR PRESSURE? pressure | APPROX. PRESSURE (PSI) 2000 |
| ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNSUITABLE FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE. | | | WATER TO BE DISPOSED OF yes | | |
| | | | NATURAL WATER IN DISPOSAL ZONE yes | | |
| | | | ARE WATER ANALYSES ATTACHED? no | | |
| NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) Michael Harton, Box 24, Tatum, New Mexico | | | | | |
| LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL | | | | | |
| Oil Development Corporation, 900 Polk Street, Amarillo, Texas 79100 | | | | | |
| Sun Oil Company, 901 W. Wall, Midland, Texas 79701 | | | | | |
| VF Petroleum, 1212 Vaughn Building, Midland, Texas 79701 | | | | | |
| HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING? | | | | | |
| yes | | SURFACE OWNER | | EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL | |
| yes | | yes | | yes | |
| ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B) | | PLAT OF AREA | | DIAGRAMMATIC SKETCH OF WELL | |
| yes | | radioactivity | | yes | |

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

District Production Manager

3-24-75

(Signature)

(Title)

(Date)

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well, not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests. SEE RULE 701.

RECEIVED

MAR 1 1975

THE CONSERVATION COMM.
BOBBS, N. M.