

NEW MEXICO OIL CONSERVATION COMMISSION
APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

| | | | |
|--|----------------------|--|----------------------|
| OPERATOR Continental Oil Company | | ADDRESS P. O. Box 460, Hobbs, New Mexico | |
| LEASE NAME Bell Lake Unit | WELL NO. 2 | FIELD Bell Lake | COUNTY Lea |
| LOCATION UNIT LETTER N ; WELL IS LOCATED 660 FEET FROM THE South LINE AND 3300 FEET FROM THE East LINE, SECTION 30 TOWNSHIP 23S RANGE 34E NMPM. | | | |

| CASING AND TUBING DATA | | | | | |
|---|------------------------|---|---|---|---------------------------------------|
| NAME OF STRING | SIZE | SETTING DEPTH | SACKS CEMENT | TOP OF CEMENT | TOP DETERMINED BY |
| SURFACE CASING | 13 3/8" | 1269 | 840 | Surface | Circ. |
| INTERMEDIATE | 9 5/8" | 6080 | 3150 | Surface | Circ. |
| LONG STRING | 7" | 12,649-7450' | 1360 | 7500' | Temp. Survey |
| TUBING | 2 7/8" | 5180' | NAME, MODEL AND DEPTH OF TUBING PACKER Baker Tension Model AD or equivalent @ 5180' | | |
| NAME OF PROPOSED INJECTION FORMATION Delaware Sand | | | TOP OF FORMATION 5182' | | BOTTOM OF FORMATION 8660' |
| IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing | | PERFORATIONS OR OPEN HOLES? Perforations & open hole | | | |
| IS THIS A NEW WELL DRILLED FOR DISPOSAL? No | | IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Development gas well | | PROPOSED INTERVAL(S) OF INJECTION Perfs: 5190-5600' (See attached procedure) OH: 6080' to 7350' | |
| HAS WELL EVER BEEN PERFORMED 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 See Attachment 'A' | | | | | |
| DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 600' | | 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 Bone Springs 8660' | |
| ANTICIPATED DAILY INJECTION VOLUME (BBLS.) 2700 | MINIMUM 3200 | MAXIMUM closed | OPEN OR CLOSED TYPE SYSTEM pressure | IS INJECTION TO BE BY GRAVITY OR PRESSURE? 2400 | APPROX. PRESSURE (PSI) 2400 |
| ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE — | | WATER TO BE DISPOSED OF yes | | NATURAL WATER IN DISPOSAL ZONE yes | |
| ARE WATER ANALYSES ATTACHED? yes | | | | | |
| NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) New Mexico Bank and Trust Company, P. O. Box 400, Hobbs, New Mexico | | | | | |
| LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Humble Oil & Refining Company, P. O. Box 1897, Andrews, Texas | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING? | | SURFACE OWNER yes | | EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL yes | |
| ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B) | | PLAT OF AREA yes | | ELECTRICAL LOG yes | |
| | | | | DIAGRAMMATIC SKETCH OF WELL yes | |

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


(Signature)

Assistant Division Manager

(Title)

May 27, 1971

(Date)

NOTE: Should waivers from 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.