

NEW MEXICO OIL CONSERVATION COMMISSION

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

| | | | | | |
|--|------------------------|--|---|--|---|
| OPERATOR Eastern Petroleum Company | | ADDRESS P. O. Box 226, Farmington, New Mexico 87401 | | | |
| LEASE NAME Navajo | WELL NO. #21 | FIELD Table Mesa-Dakota | COUNTY San Juan | | |
| LOCATION UNIT LETTER P ; WELL IS LOCATED 660 FEET FROM THE N LINE AND 1980 FEET FROM THE W LINE, SECTION 3 TOWNSHIP 27N RANGE 17W NMPM. | | | | | |
| CASING AND TUBING DATA | | | | | |
| NAME OF STRING | SIZE | SETTING DEPTH | SACKS CEMENT | TOP OF CEMENT | TOP DETERMINED BY |
| SURFACE CASING | 5 1/2 | 1385 | 300sx | Surface | Return |
| INTERMEDIATE | | | | | |
| LONG STRING | Same | | | | |
| TUBING | None | NAME, MODEL AND DEPTH OF TUBING PACKER | | | |
| NAME OF PROPOSED INJECTION FORMATION Dakota | | TOP OF FORMATION 1385 | | BOTTOM OF FORMATION 1446 | |
| IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Casing | | PERFORATIONS OR OPEN HOLE? Open Hole | | PROPOSED INTERVAL(S) OF INJECTION 1385-1446 | |
| IS THIS A NEW WELL DRILLED FOR DISPOSAL? NO | | IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Oil | | HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? NO | |
| LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH None | | | | | |
| 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 1500 | |
| ANTICIPATED DAILY INJECTION VOLUME (BBLs.) | MINIMUM 1700 | MAXIMUM 2400 | OPEN OR CLOSED TYPE SYSTEM Closed | IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure | APPROX. PRESSURE (PSI) 400-500 lbs. |
| 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 - NO | | | WATER TO BE DISPOSED OF Dakota | NATURAL WATER IN DISPOSAL ZONE Dakota | ARE WATER ANALYSES ATTACHED? NO |
| NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) Navajo Tribe - Federal Reservation | | | | | |
| LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Eastern Petroleum Company, P. O. Box 226, Farmington, New Mexico 87401 | | | | | |
| HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING? Yes | | | | | |
| SURFACE OWNER U.S.G.S. (yes) | | EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL Yes | | THE NEW MEXICO STATE ENGINEER Attached | |
| ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B) NO | | ELECTRICAL LOG NO | | DIAGRAMMATIC SKETCH OF WELL Yes | |

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

Robert A. Sullivan
(Signature)

Vice President

(Title)

12-05-72

(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.