

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

APPLICATION  
TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION  
NOT PRODUCTIVE OF OIL OR GAS

POOL NAME Denton COUNTY Lea

OPERATOR The Atlantic Refining Company

ADDRESS P. O. Box 871, Midland, Texas

LEASE NAME Dickinson "A-13" WELL NO. 1

DEPTH TO TOP OF INJECTION ZONE 9950' D.F.

DEPTH TO BASE OF INJECTION ZONE 10,100' D.F.

SIZE OF SURFACE CASING 13-3/8"

LENGTH OF SURFACE CASING 330.78'

NUMBER OF SACKS OF CEMENT USED ON SURFACE CASING 600

SIZE OF LONG STRING 7"

LENGTH OF LONG STRING 11,290.44'

NUMBER OF SACKS OF CEMENT USED ON LONG STRING 200

SIZE OF TUBING None LENGTH OF TUBING -

DEPTH OF TUBING PACKER SETTING -

NAME AND MODEL OF PACKER -

IS INJECTION THROUGH TUBING OR LONG STRING OR ANNULUS? Long string

IS INJECTION THROUGH PERFORATIONS OR OPEN HOLE? Perforations

WAS THE WELL DRILLED FOR SALT WATER DISPOSAL PURPOSES? No

LIST PERFORATED INTERVALS AND NUMBER OF SACKS OF CEMENT USED ON ANY SQUEEZE CEMENTING OPERATIONS 10,005' (1125 sx, 345 gal. plastic); 11,220'-11,304.5' (cemented off w/liner-not squeezed); 12,375'-12,795' (cemented off w/plug-not squeezed); 9280'-9300' (103 sx)

WHAT IS DEPTH OF THE SHALLOWEST ZONE PRODUCTIVE OF OIL OR GAS IN THIS POOL? 9300'

WHAT IS DEPTH OF THE DEEPEST ZONE CONTAINING FRESH WATER IN THIS POOL? 200'

ARE THERE ANY OTHER SALT WATER DISPOSAL WELLS IN THIS POOL USING THIS SAME ZONE FOR INJECTION PURPOSES? No. IF SO, LIST OPERATOR, LEASE AND WELL NUMBER \_\_\_\_\_

WHAT IS THE APPROXIMATE VOLUME OF SALT WATER TO BE INJECTED DAILY? 7,000'-35,000' Bbls.

WILL SYSTEM BE OPEN OR CLOSED TYPE? Closed

WILL INJECTION BE BY GRAVITY OR PUMP PRESSURE? Gravity

IF BY PUMP PRESSURE, GIVE APPROXIMATE NUMBER OF POUNDS PER SQUARE INCH -

WILL IT BE NECESSARY FOR WATER TO BE FILTERED OR CHEMICALLY TREATED? No

IS THIS WELL SO CASED AND COMPLETED THAT WATER CAN ENTER NO OTHER FORMATION THAN THE ABOVE SETOUT INJECTION ZONE? Yes

1. ATTACH A COMPLETE FULL-SCALE ELECTRICAL LOG OF THIS WELL (ONE COPY TO OCC ONLY).
2. LIST NAMES AND ADDRESSES OF ALL OFFSET OPERATORS AND SURFACE OWNERS.

Offset: Ohio Oil Company, Midland Texas; Owen W. McWhorter & Granville L. Dickinson,  
Trustees of the Betty C. Dickinson Estate, 317 Lubbock National Bldg, Lubbock, Texas;  
Sunray Mid-Continent Oil Company, Box 2039, Tulsa, Oklahoma; L. E. Elliott, Box 703,  
Roswell, New Mexico; McAlester Fuel Oil Company, Magnolia, Arkansas. Surface: Candace  
Dickinson, Walter E. Dickinson, Wilson Gordon Dickinson II, c/o Lester Alston, Guardian,  
Lovington, New Mexico.

3. HAVE NOTICES OF THIS APPLICATION BEEN SENT BY REGISTERED MAIL OR GIVEN TO AD-OFFSET OPERATORS, SURFACE OWNERS AND TO THE N. M. STATE ENGINEER? Yes
4. ATTACH WAIVERS FROM ALL OFFSET OPERATORS.
5. ATTACH WAIVERS FROM SURFACE OWNERS OF LAND ON WHICH WELL IS LOCATED OR A LETTER FROM COMPANY MAKING APPLICATION TO THE SURFACE OWNER EXPLAINING SAID APPLICATION AND REQUESTING WAIVER.
6. NO APPLICATION WILL BE PROCESSED UNTIL ITEM 1 HAS BEEN ATTACHED TO THE APPLICATION. SHOULD ALL NECESSARY WAIVERS NOT ACCOMPANY APPLICATION, THE COMMISSION SHALL HOLD SUCH APPLICATION FOR A PERIOD OF FIFTEEN (15) DAYS FROM DATE OF RECEIPT IN THE SANTA FE OFFICE. IF, AFTER SAID FIFTEEN (15) DAYS PERIOD, NO PROTEST OR REQUEST FOR HEARING IS RECEIVED IN THE SANTA FE OFFICE, THE APPLICATION WILL THEN BE PROCESSED.

THE ATLANTIC REFINING COMPANY  
Operator

R. E. Howard  
By R. E. Howard  
Regional Petroleum Engineer

THE STATE OF Texas  
COUNTY OF Midland

BEFORE ME, The undersigned authority, on this day personally appeared R. E. Howard known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein and that said report is true and correct.

SUBSCRIBED AND SWORN TO before me this the 23rd day of August 1957.

E. L. Macdonald E. L. Macdonald  
Notary Public in and for Midland  
County, Texas