

THE ATLANTIC REFINING COMPANY

PETROLEUM PRODUCTS

DALLAS, TEXAS

August 21, 1957

ADDRESS REPLY TO:
P. O. BOX 6640
ROSWELL, NEW MEXICO

DOMESTIC PRODUCING DEPARTMENT

Mr. Lester Alston
Guardian for Candace Dickinson, Walter E. Dickinson,
and Wilson Gordon Dickinson II
Lovington, New Mexico

Dear Sir:

Attached is a copy of an application by The Atlantic Refining Company to the New Mexico Oil Conservation Commission requesting permission to convert the Dickinson "A-13" No. 1 well, NW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 13, T15S, R37E, Lea County, New Mexico, to a salt water disposal well in the Pennsylvanian formation. The application and notice of filing of application is the established procedure of the Commission.


Conversion of this well is part of a salt water disposal project planned by the Denton operators to afford maximum protection of fresh water in the area. Informal approval of the conversion of the Dickinson "A-13" No. 1 to salt water disposal has been indicated by the NMOC staff.

At present the Dickinson "A-13" No. 1 well is producing 100% salt water from the Wolfcamp formation which formerly produced oil. Upon conversion of this well, the water produced throughout the field will be disposed of into the Pennsylvanian formation, which is not productive of oil or gas in this area. Such a project will benefit the surface owners as well as the operators.

We would appreciate a letter from you waiving any objection to using the above well for this project. We have not settled as yet for the surface needed as the design work is not completed. Your waiver, of course, would be subject to a satisfactory settlement. Many matters have yet to be worked out, but we must take this first step in getting the Commission approval before proceeding further.

Yours very truly,

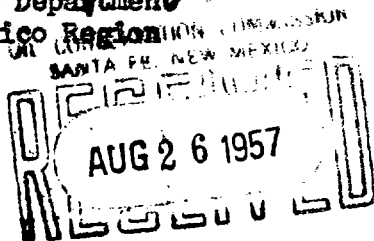
THE ATLANTIC REFINING COMPANY


Roland F. Champion
District Landman

cc: Mr. Donald Brown
Attorney at Law
Roswell, New Mexico

11-000-4446
11-000-4446
813-777
THE ATLANTIC REFINING COMPANY
Incorporated - 1870
Petroleum Products

Domestic Producing Department
West Texas-New Mexico Region



August 19, 1957

1957 AUG 26

SWD-5
MAIL OFFICE OCC
Petroleum Life Bldg.
Mailing Address
P. O. Box 35871
Midland, Texas

Oil Conservation Commission
State of New Mexico
Santa Fe, New Mexico

Gentlemen:

Attached are the required exhibits and application requesting permission to convert the Dickinson "A-13" No. 1 Well, NW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 13, T-15S, R-37E, Lea County, New Mexico, to use as a salt water disposal well for the Denton Field.

Copies of this letter and the application have been sent to all offset operators, the surface owner, and the New Mexico State Engineer by registered mail.

Respectfully submitted,

THE ATLANTIC REFINING COMPANY

P. E. Fletcher
P. E. Fletcher,
Regional Operations Manager

into *M. 55*
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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

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, 817 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: Constance
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 ALL-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.

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

MAILING LIST

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

*State Engineer Office
Box 1079
Santa Fe, New Mexico

*Condace Dickinson
Walter E. Dickinson
Wilson Gordon Dickinson II
c/o Lester Alston, Guardian
Lovington, New Mexico

*Ohio Oil Company
Midland, Texas

*Owen W. McWhorter & Granville L. Dickinson
Trustees of the Betty C. Dickinson Estate
817 Lubbock National Building
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

*Send by registered mail and request return receipt.

1957 SEP 5 AM 8:52

BOX 2045

HOBBS, NEW MEXICO

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

Proposed NSL_____

Proposed NEC. _____

Proposed DC
SWD 5

I have examined the application dated 8/26/57

for the The Atlantic Refining Co. Dickinson A-13 #1 13-15-37
Operator Lease and Well No. S-T-R

O.K.—E.J.F.

Zone of disposal is from 9950' to 10,100'. This is near the top of
the Penn., in the Penn.---O.K.---J.W.R.

OIL CONSERVATION COMMISSION

Engineer

March 11, 1958

Oil Conservation Commission
State Capitol
Santa Fe, New Mexico

Attn. Mr. Daniel Nutter

Dear Mr. Nutter:

Reference is made to our telephone conversation of this date pertaining to salt water disposal applications 1, 2, 2a, 4, 5, 9 and 11.

This office has no objection to the disposal of salt water in the manner proposed as listed below:

SWD-1
Pool-Crossroads
Operator-Magnolia Petroleum Company
Lease name-Santa Fe Pacific
Well No.-C-2
Injection zone-4706 feet to 5616 feet

SWD-2a
Pool-Baum-Wolfcamp
Operator-Champlin Oil & Refining Co.
Lease name-Featherstone State "A"
Well No.-1
Injection zone-1560 feet to 1620 feet

SWD-4
Pool-South Denton
Operator-Signal Oil & Gas Company
Lease name-Gulf State
Well No.-2
Injection zone-10,790 feet to 10,800 feet

C
O
P
Y

SWD-5
Pool-Denton
Operator-The Atlantic Refining Company
Lease name-Dickinson "A-13"
Well No.-1
Injection zone-9,950 feet to 10,100 feet

SWD-9
Pool-Echel
Operator-Shell Oil Company
Lease name-State A
Well No.-1
Injection zone-4,249 feet to 6,000 feet

SWD-11
Pool-Caudill
Operator-Shell Oil Company
Lease name-Ault Heirs
Well No. -1
Injection zone-4,873 feet to 6,500 feet

This office objects to any and all changes that may be proposed in connection with these applications.

Yours truly,

S. E. Reynolds
State Engineer

FEI/ma
cc-F. H. Hennighausen

By:
Frank E. Irby
Chief
Water Rights Division

C
O
P
Y