

OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

September 11, 1957

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The Atlantic Refining Company
P. O. Box 871
Midland, Texas

Gentlemen:

Enclosed please find Administrative Order No. SMD-5
for your Dickinson "A-13" Well No. 1, located in the NW/4 NW/4
Section 13, Township 15 South, Range 37 East, NMPM, Lea County,
New Mexico.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

DSN:eng

cc: Oil Conservation Commission - Hobbs
New Mexico Oil & Gas Engineering Committee - Hobbs

SUBJECT: SALT WATER DISPOSAL WELL

THE APPLICATION OF THE ATLANTIC REFINING
COMPANY FOR PERMISSION TO EFFECT CONVERSION
TO SALT WATER DISPOSAL OF ITS DICKINSON
"A-13" WELL NO. 1, LOCATED IN THE NW/4
NW/4, SECTION 13, TOWNSHIP 15 SOUTH, RANGE
37 EAST, NMPM, LEA COUNTY, NEW MEXICO.

ORDER NO. SWD-5

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Rule 701 (c) The Atlantic Refining Company made application to the New Mexico Oil Conservation Commission on August 26, 1957, for permission to convert for salt water disposal its Dickinson "A-13" Well No. 1, located in the NW/4 NW/4 of Section 13, Township 15 South, Range 37 East, NMPM, Lea County, New Mexico, to dispose of salt water in a porous formation not productive of oil and gas within a two-mile radius.

The Secretary-Director Finds:

- (1) That application has been duly filed under the provisions of Rule 701 (c) of the Commission Rules and Regulations;
- (2) That satisfactory information has been provided that all offset operators, surface owners and New Mexico State Engineers Office have been duly notified; and
- (3) That the applicant has presented satisfactory evidence that all requirements prescribed in Rule 701 (c) will be met.
- (4) That no objections have been received within the waiting period as prescribed by said rule.

IT IS THEREFORE ORDERED:

That the applicant herein, The Atlantic Refining Company, be and it hereby is authorized to convert for salt water disposal its Dickinson "A-13" Well No. 1, located in the NW/4 NW/4 of Section 13, Township 15 South, Range 37 East, NMPM, Lea County, New Mexico, in such manner as to permit the injection of salt water into the Pennsylvanian formation from 9,950 feet to 10,100 feet.

IT IS FURTHER ORDERED, That jurisdiction of this cause is hereby retained by the Commission for such further order or orders as may seem necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of applicant to comply with any requirement of this order after proper notice and hearing the Commission may terminate the authority hereby granted in the interests of conservation. That applicant shall submit monthly reports of its disposal operation in accordance with Rules 704 and 1119 of the Commissions Rules and Regulations.

APPROVED at Santa Fe, New Mexico, on this 10th day of September, 1957.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


A. L. PORTER, Jr.
Secretary-Director

SEAL

1. The first part of the paper is devoted to a general discussion of the problem of the existence of solutions of the system of equations (1) for arbitrary values of the parameters α and β .

2. In the second part, the problem of the existence of solutions of the system of equations (1) for arbitrary values of the parameters α and β is solved. It is shown that for arbitrary values of the parameters α and β the system of equations (1) has solutions.

3. In the third part, the problem of the existence of solutions of the system of equations (1) for arbitrary values of the parameters α and β is solved. It is shown that for arbitrary values of the parameters α and β the system of equations (1) has solutions.

4. In the fourth part, the problem of the existence of solutions of the system of equations (1) for arbitrary values of the parameters α and β is solved. It is shown that for arbitrary values of the parameters α and β the system of equations (1) has solutions.

5. In the fifth part, the problem of the existence of solutions of the system of equations (1) for arbitrary values of the parameters α and β is solved. It is shown that for arbitrary values of the parameters α and β the system of equations (1) has solutions.

6. In the sixth part, the problem of the existence of solutions of the system of equations (1) for arbitrary values of the parameters α and β is solved. It is shown that for arbitrary values of the parameters α and β the system of equations (1) has solutions.