

BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

IN RE: APPLICATION OF ANNE BURNETT TANDY)
(FORMERLY ANNE BURNETT WINDFOHR), d/b/a)
WINDFOHR OIL COMPANY, FOR AUTHORITY TO)
INSTITUTE A WATERFLOOD PROJECT BY INJECT-)
ING WATER INTO THE GRAYBURG SANDS AND)
LOVINGTON SAND OF THE SAN ANDRES FORMATION)
IN APPLICANT'S WELLS LOCATED IN PART OF)
SECTION 1 AND PART OF SECTION 11, TOWN-)
SHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M.,)
EDDY COUNTY, NEW MEXICO.)

Case No.

A P P L I C A T I O N

COMES NOW Anne Burnett Tandy (formerly Anne Burnett Windfohr), an individual d/b/a Windfohr Oil Company, and hereby makes application for authority to institute a waterflood project in part of Section 1 and part of Section 11, Township 17 South, Range 30 East, N.M.P.M., Eddy County, New Mexico, by injection of fresh water into the Grayburg Sands and the Lovington Sand of the San Andres Formation under said lands and, in support of this application, states:

1. The lands involved in this application consist of Lots 3 and 4 (N $\frac{1}{2}$ NW $\frac{1}{4}$), S $\frac{1}{2}$ NW $\frac{1}{4}$ and S $\frac{1}{2}$ of Section 1 and W $\frac{1}{2}$ NE $\frac{1}{4}$ and NW $\frac{1}{4}$ of Section 11, all in Township 17 South, Range 30 East, N.M.P.M., Eddy County, New Mexico, and said lands are Federal lands covered by United States Oil and Gas Leases, and applicant is the operator thereof and owns interests in said Oil and Gas Leases. Applicant seeks an order for authority to institute a waterflood project, which will be a secondary recovery project because the wells on applicant's leases have been essentially depleted by primary means.

2. That applicant seeks authority for injection of water into the Grayburg Sands and Lovington Sand of the San Andres Formation through nine (9) wells (that is, six existing wells and three wells

to be drilled) shown in red on Exhibit "1" attached hereto, as follows:

All in Township 17 South, Range 30 East, N.M.P.M.

Jackson "B" Lease (NM-2747):

Well No. 4	- Section 1:	NW $\frac{1}{4}$ NW $\frac{1}{4}$
Well No. 15	- Section 1:	NW $\frac{1}{4}$ SW $\frac{1}{4}$
Well No. 19	- Section 1:	SE $\frac{1}{4}$ SE $\frac{1}{4}$
Undrilled Location	- Section 1:	SE $\frac{1}{4}$ NW $\frac{1}{4}$
Undrilled Location	- Section 1:	SE $\frac{1}{4}$ SW $\frac{1}{4}$
Undrilled Location	- Section 1:	NW $\frac{1}{4}$ SE $\frac{1}{4}$

Gissler "B" Lease (NM-2748):

Well No. 7	- Section 11:	NW $\frac{1}{4}$ NE $\frac{1}{4}$
Well No. 8	- Section 11:	NW $\frac{1}{4}$ NW $\frac{1}{4}$
Well No. 9	- Section 11:	SE $\frac{1}{4}$ NW $\frac{1}{4}$

3. That the formations to be flooded are the Grayburg Sands and the Lovington Sand of the San Andres Formation found between the depths of approximately 2600 feet below the surface and 3200 feet below the surface.

4. That there are attached hereto and made a part hereof the following exhibits, to wit:

Exhibit "1" is a plat showing the locations of the proposed injection wells (both existing wells and wells to be drilled) marked in red and outlining the lands included in this application in yellow, said plat also showing other wells within a radius of two miles (and more) and other lessees. Said existing wells have been producing from the Grayburg Sands and the San Andres Formation.

Exhibits "2-a", "2-b" and "2-c" consist of well logs for, respectively, the Jackson "B" No. 19 and the Gissler "B" No. 7 and No. 9 wells, same being the available logs.

Exhibits "3-a", "3-b", "3-c", "3-d", "3-e" and "3-f" are diagrammatic sketches of the proposed injection wells, being diagrammatic sketches, respectively, of the Jackson "B" Nos. 4, 15 and 19 wells and the Gissler "B" Nos. 7, 8 and 9 wells. Insofar as possible, the injection wells to be drilled will be similarly equipped.

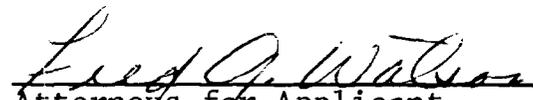
5. That the kind of fluid to be injected will be pressured fresh water obtained from Anadarko Production Company, and the anticipated volume and pressure will be approximately 200 barrels of water per well per day with pressures up to 2,000 psi.

6. That applicant is filing this application in accordance with the provisions of Rule 701 and applicant requests an allowable to be assigned, as provided in said Rule 701.

WHEREFORE, applicant requests a hearing before an Examiner and requests authority for said waterflood project and the assignment of an allowable, all pursuant to Rule 701.

ANNE BURNETT TANDY
(formerly Anne Burnett Windfohr)
d/b/a WINDFOHR OIL COMPANY

by
WATSON & WATSON


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