

BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

IN RE: APPLICATION OF ANADARKO PRODUCTION COMPANY,)
 AS OPERATOR OF THE GRAYBURG-JACKSON UNIT, ORIGINALLY)
 AUTHORIZED BY ORDER NO. R-2323, FOR AUTHORITY TO)
 RECOMPLETE OR CONVERT FIVE (5) WELLS AS WATER IN-)
 JECTION WELLS, ALL OF SUCH WELLS BEING LOCATED)
 WITHIN THE BOUNDARIES OF THE GRAYBURG-JACKSON UNIT)
 IN EDDY COUNTY, NEW MEXICO.)

Case No. 3330

A P P L I C A T I O N

1965 OCT 13 PM 1 04

COMES NOW Anadarko Production Company, in its capacity as Operator of the Grayburg-Jackson Unit, Eddy County, New Mexico, hereinafter referred to as "Applicant", and makes application for authority to convert or recomplete the below-described wells as water injection wells into the Grayburg Premier Sand Formation in and under said Grayburg-Jackson Unit, and in support of this Application alleges the following:

1. The wells to be recompleted or converted to water injection wells and the locations thereof within the Grayburg-Jackson Unit are described as follows:

<u>Grayburg-Jackson Unit Well No.</u>	<u>Location</u>	<u>N. M. Unit Letter Designation</u>	<u>Sec.</u>	<u>Town-Ship</u>	<u>Range</u>
7A-2	SE/4 NE/4	H	26	17S	30E
13-1	NW/4 SE/4	J	26	17S	30E
13-4	SE/4 SE/4	P	26	17S	30E
13-5	NW/4 SW/4	L	25	17S	30E
13-8	SE/4 SW/4	N	25	17S	30E

ALL LOCATED WITHIN EDDY COUNTY, NEW MEXICO.

Wells No. 13-4 and 13-8 have previously been plugged and abandoned, but will be recompleted as water injection wells in the Grayburg-Jackson Premier Sand located at an approximate depth of 3,250 feet, and all the other wells above listed will be converted from producing wells to water injection wells in said Formation at the same depth.

2. That the original order number which originally authorized the waterflood project known as the Grayburg-Jackson Unit is Order No. R-2323; the formation to be flooded by the injection of water in the before-mentioned wells will be the Grayburg Premier Sand located at an approximate depth

of 3,250 feet; the fluid to be used for injection is water, and it is anticipated that there will be injected in each well a volume of Five Hundred (500) barrels per day. The source of the injection water will be local commercial water companies.

3. That the conversion or recompletion of the above-mentioned five (5) wells as water injection wells will aid in a more efficient and orderly development and operation of the Grayburg-Jackson Unit and Waterflood Project and is, in fact, necessary to allow the Applicant to completely develop and operate the Grayburg-Jackson Unit and Waterflood Project. In addition thereto, Applicant is in the process of entering into a Cooperative Line Agreement with the operator of leases covering land in Sections 24 and 25 in said township and range, which land directly offsets the Grayburg-Jackson Unit. It is anticipated that the formal agreement will be fully executed by the time of the hearing on this Application and, if so, a fully executed copy of such agreement will be exhibited and furnished to this Commission.

4. That there are attached hereto the following exhibits as indicated, or such exhibits, as indicated, will be furnished to the Commission within ten (10) days from date hereof:

- (a) A plat showing the location of the proposed injection wells and all other wells within a two-mile radius, such plat being marked Exhibit "A"; and
- (b) Fully completed and executed by Anadarko Production Company, a New Mexico Oil Conservation Commission Form, No. C-116 (Gas-Oil Ratio Report), such form being marked Exhibit "B"; and
- (c) A diagrammatic sketch showing casing and tubing data for the above-mentioned five injection wells, such sketch being marked Exhibit "C"; and
- (d) Waterflood application data sheet with pertinent reservoir and lease data, such application being marked Exhibit "D"; and
- (e) Fully completed and executed by Anadarko Production Company, a New Mexico Oil Conservation Commission Form, No. C-102 (Miscellaneous Notice), giving notice of intention to recomplete Wells No. 13-8 and 13-4 above, such form being marked Exhibit "E"; and

- (f) A map of the Unit area showing the proposed injection wells marked in red, such map being marked Exhibit "F".

6. That a copy of this Application, together with all Exhibits, has been forwarded to the following parties:

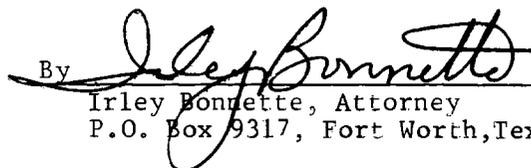
- (a) The State Engineer, State of New Mexico, Capitol Building, Santa Fe, New Mexico; and,
- (b) The First National Bank of Fort Worth, Texas, and Anne Burnette Windfohr, in their capacity as Independent Executors of the Estate of R. F. Windfohr, Deceased, as Operator of the offset acreage located in Section 25, Township 17 South, Range 30 East, NMPM, Eddy County, New Mexico, addressed to 1202 First National Bank Building, Fort Worth, Texas 76102; and,
- (c) Franklin, Aston & Fair, Inc., as Operator of the offset acreage located in the NE/4, Section 35, Township 17 South, Range 30 East, NMPM, Eddy County, New Mexico, addressed to P. O. Box 1090, Roswell, New Mexico 88201.

7. That Applicant is filing this Application in accordance with the provisions of Rule 701 B, and Applicant requests and prays that an order be entered by this Commission allowing the recompletion and conversion of the above-mentioned wells as water injection wells and the injection of water into the above-mentioned formation underlying the land above-described within the Grayburg-Jackson Unit, all as provided under Rule 701 B.

WHEREFOR, Applicant requests a hearing before an examiner and requests that after a hearing thereon the above-mentioned order be entered by the Commission.

ANADARKO PRODUCTION COMPANY

By


Irley Bonnette, Attorney
P.O. Box 9317, Fort Worth, Texas

CERTIFICATE

I, Irley Bonnette, do hereby certify that on the ^{12th} day of October, 1965, I mailed a true and complete copy of this Application, together with all Exhibits, to the following parties: The State Engineer, State of New Mexico, Capitol Building, Santa Fe, New Mexico; The First National Bank of Fort Worth, Texas, and Anne Burnett Windfohr, Independent Executors of the Estate of R. F. Windfohr, Deceased, 1202 First National Bank Building, Fort Worth, Texas 76102; and Franklin, Aston & Fair, Inc., P. O. Box 1090, Roswell, New Mexico 88201.



