



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR
LARRY KEHOE
SECRETARY

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

January 22, 1982

Anadarko Production Company
P. O. Box 2497
Midland, Texas 79702

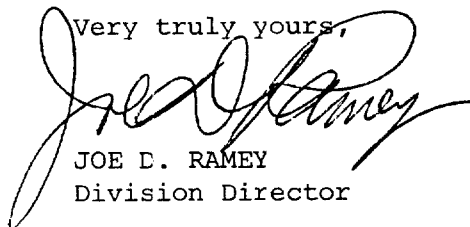
Gentlemen:

Enclosed herewith please find Administrative Order WFX-496 for the following wells:

Baxter-Federal B #2 Well, located in Unit H of Section 25, Robinson-Federal #6 well located in Unit J of Section 25; Robinson-Federal #8 well, located in Unit N of Section 25, Brinson State #2 well, located in Unit A of Section 36, and Brinson State #3 well located in Unit C of Section 36,

all in the Anadarko Production Company Boyd Robinson Waterflood Project in Township 16 South, Range 31 East, NMPM, Eddy County, New Mexico, and the Taylor #2 well, located in Unit M of Section 10 in the Anadarko Production Company Boyd Robinson Waterflood Project in Township 16 South, Range 32 East, NMPM, Lea County, New Mexico.

Very truly yours,



JOE D. RAMEY
Division Director

JDR/MS/og

cc: Tom Kellahin
OCD - Hobbs
O& Gas Engineering Committee - Hobbs

APPLICATION OF ANADARKO PRODUCTION COMPANY
TO EXPAND ITS WATERFLOOD PROJECT IN THE
GRAYBURG-JACKSON POOL IN EDDY AND LEA
COUNTIES, NEW MEXICO.

ORDER No. WFX-496

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION

Under the provisions of Order No. R-5318, Anadarko Production Company has made application to the Division on January 22, 1982, for permission to expand its Boyd Robinson Waterflood Project in the Grayburg-Jackson Pool in Eddy and Lea Counties, New Mexico.

NOW, on this 22nd day of January, 1982, the Division Director finds:

1. That application has been filed in due form.
2. That satisfactory information has been provided that all offset operators have been duly notified of the application.
3. That no objection has been received within the waiting period as prescribed by Order No. R-5318.
4. That the proposed injection well is eligible for conversion to water injection under the terms of Order No. R-5318.
5. That the proposed expansion of the above referenced waterflood project will not cause waste nor impair correlative rights.
6. That the application should be approved.

IT IS THEREFORE ORDERED:

That the applicant, Anadarko Production Company, be and the same is hereby authorized to inject water into the Grayburg formation through plastic-lined tubing set in a packer at approximately 100 feet above the perforation in the following described wells for purposes of secondary recovery to wit:

Baxter-Federal B #2 Well, located in Unit H of Section 25,
Robinson-Federal #6 Well, located in Unit J of Section 25,
Robinson-Federal #8 Well, located in Unit N of Section 25,
Brinson State #2 Well, located in Unit A of Section 36,
Brinson State #3 Well, located in Unit C of Section 36,

all in the Anadarko Production Company Boyd Robinson Waterflood Project in Township 16 South, Range 31 East, NMPM, Eddy County, New Mexico, and the

Taylor #2 Well, located in Unit M of Section 30,

in the Anadarko Production Company Boyd Robinson Waterflood Project in Township 16 South, Range 32 East, NMPM, Lea County, New Mexico.

IT IS FURTHER ORDERED:

That the operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

That the casing-tubing annulus (in each well) shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing, or packer.

That the injection wells or system shall be equipped with a pressure limiting device which will limit the wellhead pressure to a maximum of 2400 pounds per square inch; provided however that the Division Director may administratively authorize a pressure limitation in excess of the above upon the operator's establishing that such higher pressure will not result in fracturing of the confining strata.

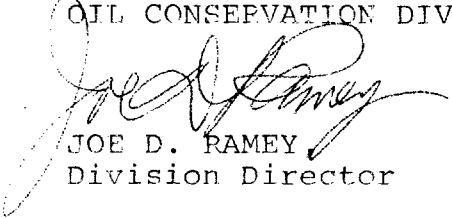
That the operator shall notify the supervisor of the Division's Hobbs and Artesia District Offices before injection is commenced through said wells.

That the operator shall immediately notify the Supervisor of the Division's Hobbs and Artesia District Offices of the failure of the tubing, casing, or packer in said wells or the leakage of water from or around said wells and shall take such steps as may be timely or necessary to correct such failure or leakage.

That the subject wells shall be governed by all provisions of Division Order No. R-5318 not inconsistent herewith.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


JOE D. RAMEY
Division Director

S E A L

cc: Tom Kellahin
Oil Conservation Division - Hobbs
Oil Conservation Division - Artesia
Oil & Gas Engineering Committee - Hobbs
State Land Office - Santa Fe
U. S. Geological Survey - Roswell
OCD Machine Accounting