

BEFORE THE OIL CONSERVATION COMMISSION
OF
THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION
OF GENERAL AMERICAN OIL COMPANY
OF TEXAS FOR AUTHORITY TO INSTALL
AND OPERATE A WATERFLOOD PROJECT
IN THE GRAYBURG-JACKSON POOL, EDDY
COUNTY, NEW MEXICO

Case 5268

A P P L I C A T I O N

COMES NOW GENERAL AMERICAN OIL COMPANY OF TEXAS and applies to the Oil Conservation Commission of New Mexico for authority to install and operate two waterflood projects in the Grayburg-Jackson Pool, Eddy County, New Mexico, for approval of administrative procedures for the expansion or modification of said waterflood project and in support thereof would show:

1. That the applicant seeks permission to institute a waterflood project in the Grayburg-Jackson Pool, Eddy County, New Mexico in cooperation with similar waterflood projects by Shenandoah Oil Corporation and with Anadarko Production Company for the injection of water into the Grayburg and San Andres formations.

2. Applicant is the operator of its Parke "F" Lease embracing lands described as the SW/4 SE/4 and the N/2 SE/4 of Section 10, Township 17 South, Range 30 East, N.M.P.M., Eddy County, New Mexico.

3. Applicant proposes to convert to water injection its Parke "F" well #2 located in Unit J of Section 10, T.17S., R.30E., N.M.P.M.

4. That applicant proposes to inject commercial water at the rate of 300 barrels of water per well per day.

5. That the wells in the project area are in an

advanced stage of depletion.

6. That the proposed waterflood project will result in the recovery of otherwise unrecoverable oil, thereby preventing waste and the granting of this application will not impair the correlative rights of others.

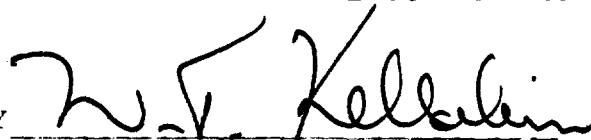
7. Applicant further requests that administrative procedures be authorized whereby modification or expansion of the project including the drilling of additional injection wells and/or producing wells, and the conversion of existing wells to injection at both orthodox and unorthodox wells locations may be approved without further notice and hearing.

WHEREFORE, applicant respectfully requests that this matter be set for hearing before the Commission's duly appointed examiner and that after notice and hearing as required by law, the Commission enter its order approving the application as prayed for.

RESPECTFULLY SUBMITTED

GENERAL AMERICAN OIL COMPANY OF TEXAS

BY



KELLANIN & FOX
P.O. Box 1769
Santa Fe, New Mexico 87501
Attorneys for Applicant

BEFORE THE OIL CONSERVATION COMMISSION
OF
THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION
OF ANADARKO PRODUCTION COMPANY FOR
AUTHORITY TO INSTALL AND OPERATE
TWO WATERFLOOD PROJECTS IN THE
GRAYBURG-JACKSON POOL, EDDY COUNTY,
NEW MEXICO

Case 5268
Received
6/14
[Signature]

A P P L I C A T I O N

COMES NOW ANADARKO PRODUCTION COMPANY and applies to the Oil Conservation Commission of New Mexico for authority to install and operate two waterflood projects in the Grayburg-Jackson Pool, Eddy County, New Mexico, for approval of administrative procedures for the expansion or modification of said waterflood projects and in support thereof would show:

1. That the applicant seeks permission to institute two waterflood projects in the Grayburg-Jackson Pool, Eddy County, New Mexico in cooperation with similar waterflood projects by General American Oil Company of Texas and with Shenandoah Oil Corporation for the injection of water into the Grayburg-San Andres formations.

2. Applicant in the operator of and proposes to institute a waterflood project for the following tracts:

(a) Anadarko's Loco Hills "A" Federal Lease consisting of the SW/4 of Section 10 and the NW/4 of Section 15, Township 17 South, Range 30 East, N.M.P.M. Eddy County, New Mexico and proposes to convert to water injection the following wells:

- Loco Hills "A" Federal Well #2 in Unit N of Section 10
- Loco Hills "A" Federal Well #5 in Unit L of Section 10
- Loco Hills "A" Federal Well #6 in Unit G of Section 15
- Loco Hills "A" Federal Well #7 in Unit F of Section 15

(b) Anadarko's Loco Hills "B" Federal Lease consisting of the SE/4 and the E/2 SW/4 of Section 9, Township 17 South, Range 30 East, N.M.P.M., Eddy County, New Mexico and proposes to convert to water injection the following wells:

Loco Hills "B" Federal Well #1 located in Unit P of Section 9

Loco Hills "B" Federal Well #5 located in Unit J of Section 9

Loco Hills "B" Federal Well #7 located in Unit N of Section 9

4. That applicant proposes to inject commercial water at the rate of 300 barrels of water per well per day.

5. That the wells in the project area are in an advanced stage depletion.

6. That the proposed waterflood project will result in the recovery of otherwise unrecoverable oil, thereby preventing waste and the granting of this application will not impair the correlative rights of others.

7. Applicant further requests that administrative procedures be authorized whereby modification or expansion of the project including the drilling of additional injection wells and/or producing wells, and the conversion of existing wells to injection at both orthodox and unorthodox wells locations may be approved without further notice and hearing.

WHEREFORE, applicant respectfully requests that this matter be set for hearing before the Commission's duly appointed examiner and that after notice and hearing as required by law, the Commission enter its

order approving the application as prayed for.

RESPECTFULLY SUBMITTED

ANADARKO PRODUCTION COMPANY

BY



KELLAHIN & FOX

P.O. Box 1769

Santa Fe, New Mexico

Attorneys for applicant

BEFORE THE OIL CONSERVATION COMMISSION
OF
THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION
OF SHENANDOAH OIL CORPORATION FOR
AUTHORITY TO INSTALL AND OPERATE
A WATERFLOOD PROJECT IN THE GRAYBURG-
JACKSON POOL, EDDY COUNTY, NEW MEXICO

Case 5-268

A P P L I C A T I O N

COMES NOW SHENANDOAH OIL CORPORATION and applies to the Oil Conservation Commission of New Mexico for authority to install and operate a waterflood project in the Grayburg-Jackson Pool, Eddy County, New Mexico, for approval of administrative procedures for the expansion or modification of said waterflood project and in support thereof would show:

1. That the applicant seeks permission to institute a waterflood project in the Grayburg-Jackson Pool, Eddy County, New Mexico in cooperation with similar waterflood projects by Anadarko Production Company and with General American Oil Company of Texas for the injection of water into the Grayburg and San Andres Formations.

2. Applicant is the operator of its D.H. Parke "B" Tract C Lease embracing lands described as the NE 1/4 of Section 15, Township 17 South, Range 30 East, N.M.P.M., Eddy County, New Mexico.

3. Applicant proposes to convert to water injection its following wells:

D.H. Parke "B" Well #6 in Unit G of Section 15

D.H. Parke "B" Well #7 in Unit A of Section 15

4. That applicant proposes to inject commercial water at the rate of 300 barrels of water per well per day.

5. That the wells in the project area are in an

advanced stage of depletion.

6. That the proposed waterflood project will result in the recovery of otherwise unrecoverable oil, thereby preventing waste and the granting of this application will not impair the correlative rights of others.

7. Applicant further requests that administrative procedures be authorized whereby modification or expansion of the project including the drilling of additional injection wells and/or producing wells, and the conversion of existing wells to injection at both orthodox and unorthodox wells locations may be approved without further notice and hearing.

WHEREFORE, applicant respectfully requests that this matter be set for hearing before the Commission's duly appointed examiner and that after notice and hearing as required by law, the Commission enter its order approving the application as prayed for.

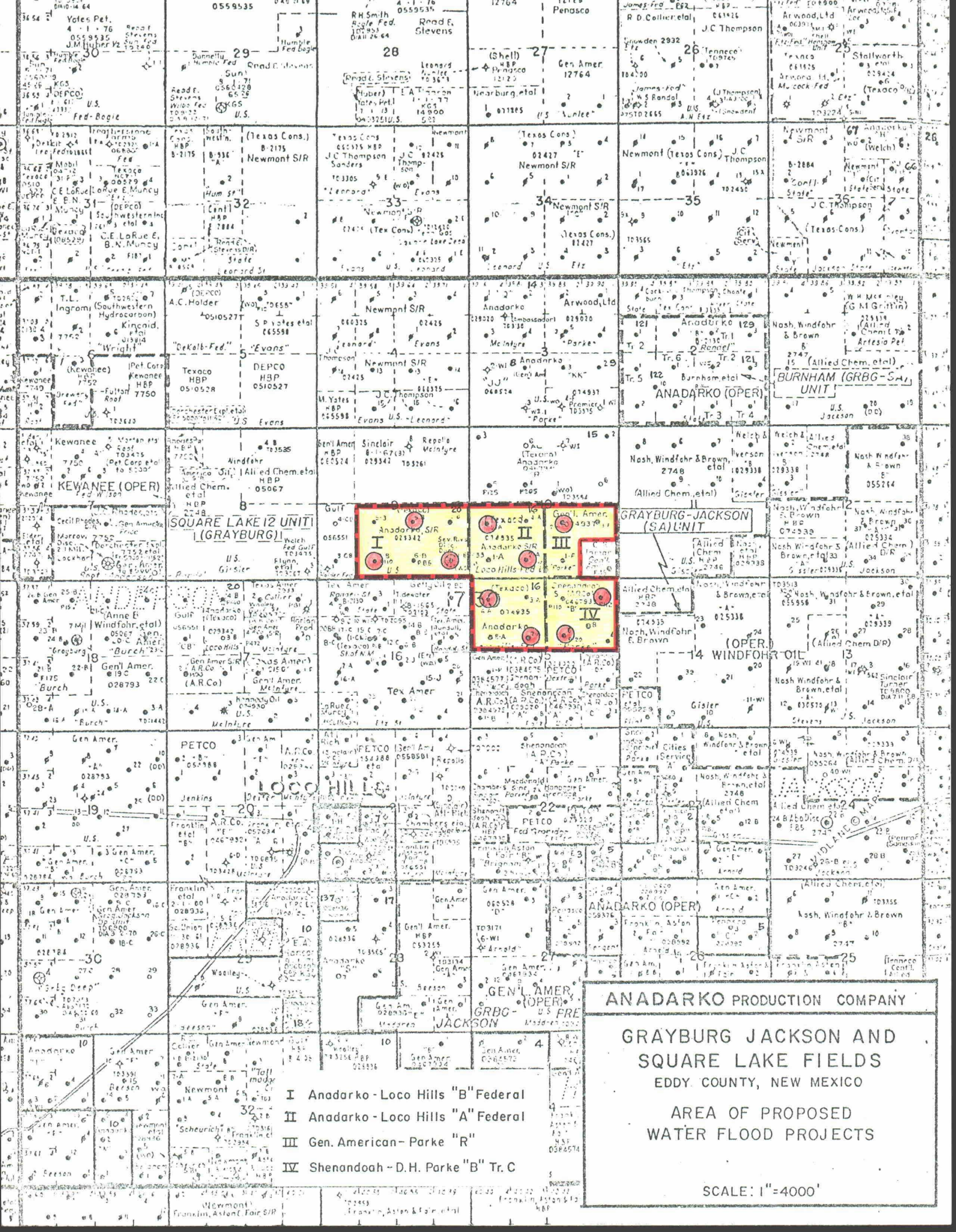
RESPECTFULLY SUBMITTED

SHERMANTON OIL CORPORATION

BY



RELLMAN & FOX
P.O. Box 1769
Santa Fe, New Mexico 87501
Attorneys for Applicant



SQUARE LAKE 12 UNIT (GRAYBURG)

GRAYBURG-JACKSON (SAL) UNIT

WINDFOHR OIL (OPER)

ANADARKO PRODUCTION COMPANY

GRAYBURG JACKSON AND SQUARE LAKE FIELDS

EDDY COUNTY, NEW MEXICO

AREA OF PROPOSED WATER FLOOD PROJECTS

SCALE: 1"=400'

- I Anadarko - Loco Hills "B" Federal
- II Anadarko - Loco Hills "A" Federal
- III Gen. American - Parke "R"
- IV Shenandoah - D.H. Parke "B" Tr. C

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
appl EXHIBIT NO. 1
CASE NO. 5268