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LAW OFFICES OF
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TELEPHONE 622-8432
AREA CODE 505

March 23, 1971

Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

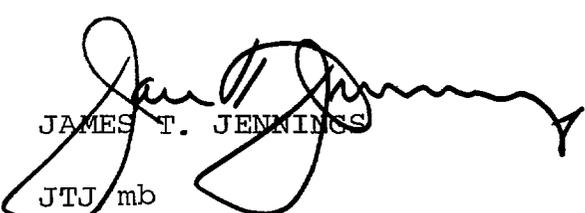
Attention: George Hatch or Ida Rodriguez

RE: SHENANDOAH OIL CORPORATION APPLICATION FOR
APPROVAL OF WATERFLOOD PROJECT NO. 8

On March 18 I filed an Application for Shenandoah Waterflood Project No. 7 and when I discussed the matter of holding the hearing on Project No. 7 with Mr. Hatch, I told him that I contemplated filing another Application, being for Shenandoah's Project No. 8, and advised that I would like to have both Applications set down for hearing before an examiner at Hobbs on April 14.

The Application for Approval of Waterflood Project No. 8 is enclosed in duplicate. A complete set of exhibits is attached to the original, but your attention is called to the fact that we only had logs covering the Dale H. Parke "B" No. 1 and the Dale H. Parke "A" No. 6 and these logs are attached to the original Application. We do not have a log for the Parke "B" No. 4.

I hope that you find the enclosed papers in order, but if you need any further information, please call me collect, and I will look forward to presenting these matters on April 14.


JAMES T. JENNINGS

JTJ/mb
Encl.

cc: Shenandoah Oil Corporation
U.S.G.S., Artesia

FILED
Date 4-2-71

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

April 19, 1971

Mr. James T. Jennings
Jennings, Christy & Copple
Attorneys at Law
Post Office Box 1180
Roswell, New Mexico 88201

Dear Mr. Jennings:

Enclosed herewith is Commission Order No. R-4133, entered in Case No. 4521, approving the Shenandoah Grayburg-Jackson Parke Waterflood Project.

Injection is to be through the three authorized water injection wells, each of which shall be equipped with tubing and a packer. Injection shall be through the tubing and in the case of dual zone completions through down-hole dual flow regulators. The casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge at the surface.

As to allowable, our calculations indicate that when all of the authorized injection wells have been placed on active injection, the maximum allowable which this project will be eligible to receive under the provisions of Rule 701-E-3 is 336 barrels per day when the Southeast New Mexico normal unit allowable is 42 barrels per day or less.

Please report any error in this calculated maximum allowable immediately, both to the Santa Fe office of the Commission and the appropriate district proration office.

In order that the allowable assigned to the project may be kept current, and in order that the operator may fully benefit from the allowable provisions of Rule 701, it behooves him to promptly notify both of the aforementioned Commission offices by letter of any change in the status of wells in the project area, i.e., when active injection commences, when additional injection or producing wells are drilled, when additional wells are acquired through purchase or unitization, when wells have received a response to water injection, etc.

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

-2-

**Mr. James T. Jennings
Jennings, Christy & Cople
Attorneys at Law
Post Office Box 1180
Roswell, New Mexico 88201**

Your cooperation in keeping the Commission so informed as to the status of the project and the wells therein will be appreciated.

Very truly yours,

**A. L. PORTER, Jr.
Secretary-Director**

**Enclosure
ALP/DSM/ir**

**cc: OCC-Hobbs and Artesia, New Mexico
Mr. D. E. Gray, State Engineer Office
Santa Fe, New Mexico**

SHENANDOAH OIL CORPORATION

1500 COMMERCE BUILDING
FORT WORTH, TEXAS 76102

Handwritten signature

B. J. KELLENBERGER
PRESIDENT

August 27, 1971

TELEPHONE
817-332-7381

RECEIVED

Handwritten number 4

Re: Shenandoah Oil Corporation's
Parke - Grayburg/Jackson Project
Eddy County, New Mexico

Mr. A. L. Porter, Jr.
Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Dear Mr. Porter:

In accordance with Rule 703(a) of the New Mexico Rules and Regulation Book, this is to advise you that water injection into the three wells as set forth in Case No. 4521, was commenced August 19, 1971. These wells are located in Sections 15 and 22, Township 17 South, Range 30 East, Eddy County, New Mexico as follows:

<u>LEASE</u>	<u>WELL NO.</u>	<u>LOCATION</u>
Parke "A"	6	Unit E - Section 22
Parke "B"	1	Unit M - Section 15
Parke "B"	4	Unit H - Section 15

Attached is a plat showing the location of the above wells within the Project Area.

Very truly yours,

SHENANDOAH OIL CORPORATION

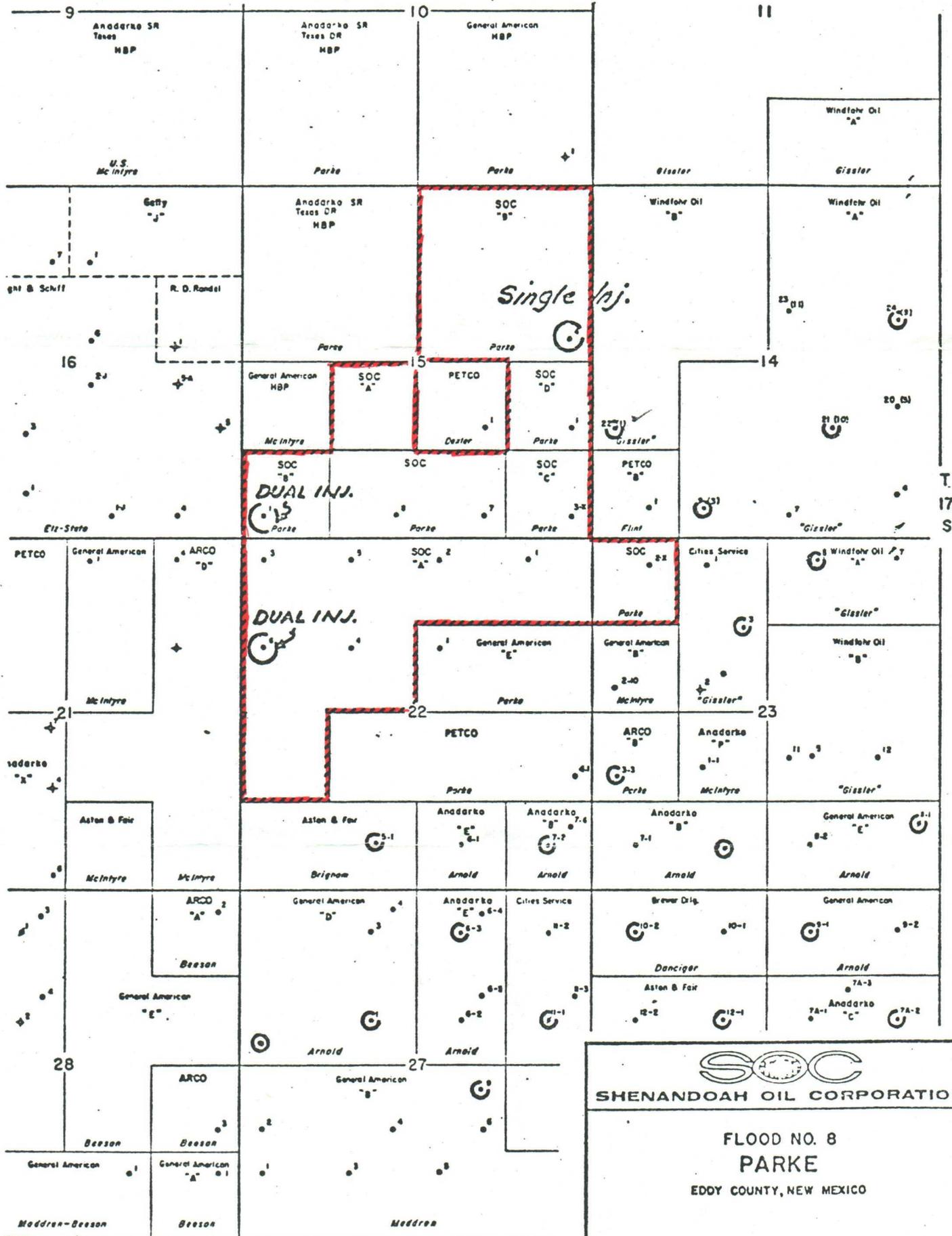
T. P. Bates

T. P. Bates,
Vice President - Secondary Recovery

TPB:jn
Attachment

CC: C. W. Downey
New Mexico Oil Conservation Commission - Artesia
U. S. Geological Survey - Artesia
U. S. Geological Survey - Roswell

R-30-E




SHENANDOAH OIL CORPORATION

FLOOD NO. 8
PARKE
 EDDY COUNTY, NEW MEXICO

 INJECTION WELL

SCALE

 MARCH, 1971



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

August 26, 1982

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

Southland Royalty Company
21 Desta Drive
Midland, Texas 79701

Attention: Mr. K. W. Harbin

Re: Case No. 4521, R-4133
and WFX-494
Injection Pressure Increase

Dear Mr. Harbin:

Based on information and test data submitted by your letter of July 26, 1982, the maximum authorized wellhead pressure for the following described well is hereby increased to 1000 psi:

Dale H. Park "C" Well No. 3-Y, Unit P, 15-T17S-R30E

Yours very truly,

JOE D. RAMEY
Director

JDR/RJ/fd

cc: L. A. Clements
R. L. Stamets

talked to her - will
be prepared after some time
will call.

step rate for water
8-23-82 - call Jerry - will return
call.

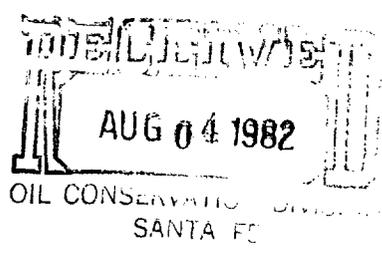


Southland Royalty Company

P
R-4133
1# 4501

July 26, 1982

New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501



Attention: Mr. Roy Johnson

Re: Dale H. Parke "C" No. 3-Y
Grayburg Jackson (SR-Q-GB-SA)
Sec. 15, T-17-S, R-30-E
Eddy County, New Mexico

Gentlemen:

Southland Royalty respectfully requests authority to inject water into the subject well at a wellhead pressure of 1000 psi. This injection pressure will be below the measured fracture pressure which is indicated by our recent step rate tests. The subject well was recently converted to a water injection well in our Parke Waterflood under authority of Administrative Order WFX-494.

The Administrative Order limited the wellhead injection pressure to 580 psi. The order also stated that the pressure limitation could be raised in the event that we establish that injecting at higher pressures will not fracture the confining strata. Under this provision Southland is presenting the attached results of a step rate test we performed on the subject well. Our tests show that the wellhead fracture pressure of the recently converted well to be 1030 psi. Should you require further documentation, please let us know.

Very truly yours,
K. W. Harbin
K. W. Harbin
District Production Manager

DDR/slh

Attachments

cc: NMOCD - Artesia