

ROBERT D. FITTING & ASSOCIATES, INC.
Petroleum Engineering & Geological Consultants
MIDLAND, TEXAS 79701

August 9, 1972

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

Re: Carter Foundation Production Company,
E. C. Hill Federal "E" No. 1,
Teague Ellenburger Pool,
Lea County, New Mexico
Conversion to Salt Water Disposal

Gentlemen:

Carter Foundation Production Company respectfully requests administrative approval to convert to salt water disposal within the Ellenburger Formation their E. C. Hill Federal "E" No. 1-A, Section 34, Township 23-South, Range 37-East, Lea County, New Mexico, in exception to Rule 701-A. According to Rule 701-C, this application is eligible for consideration without notice and hearing, as the water to be disposed and the water within the disposal formation are both mineralized and unfit for domestic, stock, irrigation or other general use. The disposal formation is older than Triassic and is nonproductive of oil or gas within two miles of the proposed injection well.

The last reported oil and gas production from the Teague Ellenburger Pool was in February 1971. All wells previously completed in the Teague Ellenburger Pool have been plugged and abandoned, re-completed in shallower pools, or used for water disposal. The exception is the proposed injection well and the Carter Foundation Production Company, E. C. Hill Federal "E" No. 2-H, Section 34, Township 23-South, Range 37-East. Pending further study, a proposal to re-complete or abandon No. 2-H will soon be submitted. Upon approval of this application, the present disposal well, E. C. Hill Federal "E" No. 5-E, Section 35, Township 23-South, Range 37-East, will be proposed for abandonment due to mechanical difficulties.

In support of this application, enclosed are the following:

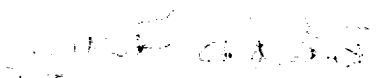
1. Plat showing the location of the proposed disposal well and all other wells within a radius of two miles.

8-2-72

New Mexico Oil
Conservation Commission

1. Gaining Ray-Nelson log of the proposed disposal well.
 2. A diagrammatic sketch of the proposed disposal well showing all casing strings and cement jobs, proposed tubing and packer setting, and open-hole interval.
 3. Approximately 10 barrels per day of highly mineralized water produced from Levee Trevanian and Simpson wells will be disposed of in heavily flow into the aforementioned open-hole interval 1024-3733'.
 4. Form 6-106, Application to Dispose of Salt Water by Injection into a Porous Formation.
 5. Copies of the latest water analyses of produced Elmer-Trevanian water and the nature of Trevanian and Simpson waters for disposal.
 6. Copy of Request for Water Letter sent to surface leases and all offset operators holding deep rights within one-half mile of the proposed salt water disposal well.
- Correspondence regarding this application should be directed to: 601 West Missouri, Midland, Texas 79701.

Yours very truly,


Robert D. Fleming

6/17/72
Encl -
State Engineer
Capitol Building
Santa Fe, New Mexico 87501

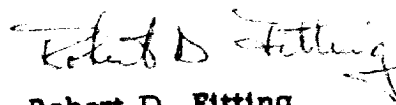
United States Department of the Interior
Geological Survey
P. O. Box 188
Toswell, New Mexico 87554

8-9-72

2. Gamma Ray-Neutron Log of the proposed disposal well.
3. A diagrammatic sketch of the proposed disposal well showing all casing strings and cement jobs, proposed tubing and packer setting, and open-hole interval.
4. Approximately 10 barrels per day of highly mineralized water produced from Teague Devonian and Simpson wells will be disposed of by gravity flow into the Ellenburger open-hole interval 9654-9733'.
5. Form C-108, Application to Dispose of Salt Water by Injection into a Porous Formation.
6. Copies of the latest water analyses of produced Ellenburger water and the mixture of Devonian and Simpson waters for disposal.
7. Copy of Request for Waiver letter sent to surface lessee and all offset operators holding deep rights within one-half mile of the proposed salt water disposal well.

Correspondence regarding this application should be directed to 901 West Missouri, Midland, Texas 79701.

Yours very truly,


Robert D. Fitting

RDF:jd

Encl -

cc: State Engineer
Capitol Building
Santa Fe, New Mexico 87501

United States Department of the Interior
Geological Survey
P. O. Drawer 1857
Roswell, New Mexico 88201

8-9-72

New Mexico Oil
Investigation Commission

1. Gamma Ray-Neutron log of the proposed disposal well.
 2. A diagrammatic sketch of the proposed disposal well showing all casing, cement, and cement jobs, proposed tubing and packer setting, and open-hole interval.
 3. Approximately 10 barrels per day of highly mineralized water produced from the gas reservoir and Simpson wells will be disposed of at a heavy flow into the Elliptical disposal interval 10,000-10,500 ft.
 4. Form 10-100, Application to Dispose of Salt Water by Injection into a Porous Formation.
 5. Copies of the latest water analysis of produced Elliptical water and the nature of the water and Simpson waters for disposal.
 6. Copy of Request for Water Permit and surface lease and all offset operations holding deep rights within one-half mile of the proposed salt water disposal well.
- Correspondence regarding this application should be directed to 1001 West Missouri, Midland, Texas 79701.

Yours very truly,

Robert D. Filling

1001 West Missouri
Midland, Texas 79701
State Engineer
Capital Building
Santa Fe, New Mexico 87501

United States Department of the Interior
Geological Survey
P. O. Box 1831
Lawrence, Kansas 66044