

STATE OF OKLAHOMA

2nd Session of the 58th Legislature (2022)

SENATE BILL 1594

By: Murdock

AS INTRODUCED

An Act relating to water and water rights; requiring Oklahoma Water Resources Board certify review of certain alternative uses of fresh groundwater before approving permit; requiring certain applicants furnish certain information with fresh groundwater permit application; permitting Board to request furnishing of certain supporting documents upon application; providing for codification; and providing an effective date.

BE IT ENACTED BY THE PEOPLE OF THE STATE OF OKLAHOMA:

SECTION 1. NEW LAW A new section of law to be codified in the Oklahoma Statutes as Section 1020.9D of Title 82, unless there is created a duplication in numbering, reads as follows:

1. Prior to approving a permit to use fresh groundwater for enhanced recovery of oil and gas, the Oklahoma Water Resources Board shall determine that the applicant has reviewed all other economically viable alternatives for the use of fresh groundwater.

2. Applicants filing a permit application to use fresh groundwater for enhanced recovery of oil and gas, in addition to all

1 other requirements, shall furnish the following as part of and at
2 the time of filing the application:

- 3 a. a copy of the easements or leases from the surface
4 right owners giving the applicant the right to develop
5 and use the fresh groundwater for the recovery
6 process,
- 7 b. an estimated schedule of use showing the amount of
8 fresh groundwater used each year in the recovery
9 process,
- 10 c. an economic study containing the following
11 information:
 - 12 (1) a detailed analysis of the relative cost of
13 obtaining salt water and any other feasible
14 alternative versus the relative cost of obtaining
15 fresh groundwater,
 - 16 (2) total project costs and the amount of oil and gas
17 expected to be recovered and the value expected
18 to be realized,
 - 19 (3) the estimated value of fresh groundwater for
20 other purposes including but not limited to those
21 that are common to the area or vicinity subject
22 of the application as measured against the
23 overall estimated value of the oil or gas to be
24 recovered,

- 1 (4) the additional expense per barrel of oil
2 recovered if the applicant is required to use or
3 treat salt water instead of fresh groundwater in
4 the recovery process, and
5 (5) an evaluation of other recovery methods
6 considered and an explanation justifying the
7 choice of using fresh groundwater for recovery as
8 necessary or the most feasible,
9 d. an inventory of all wells, whether active or abandoned
10 within the boundaries of the proposed unitization and
11 within two (2) miles of the outside boundaries of the
12 proposed unitization,
13 e. the permeability, thickness, and estimated porosity of
14 the injection zone, and
15 f. information about the reuse and recycling of the fresh
16 groundwater.

17 3. The applicant may also be required to furnish other relevant
18 material upon request of the Board including, but not limited to,
19 the following:

- 20 a. a copy of the unitization plan on file with the
21 Corporation Commission,
22 b. a copy of each injection well application and the
23 approval of such application by the Corporation
24 Commission,
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- 1 c. a copy of all logs of each injection well showing the
2 name of each zone containing salt water, and
3 d. the name and chemical composition of any material or
4 substance other than fresh groundwater proposed to be
5 injected underground in connection with the proposed
6 enhanced recovery operation.

7 SECTION 2. This act shall become effective November 1, 2022.
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