

1 ENGROSSED SENATE
2 BILL NO. 1594

By: Murdock of the Senate

3 and

4 Boles and Patzkowsky of the
5 House

6
7 [water and water rights - Oklahoma Water Resources
8 Board certify review of certain alternative uses of
9 fresh groundwater before approving permit -
10 codification - effective date]

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

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

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

19 2. Applicants filing a permit application to use fresh
20 groundwater for enhanced recovery of oil and gas, in addition to all
21 other requirements, shall furnish the following as part of and at
22 the time of filing the application:

23 a. a copy of the easements or leases from the surface
24 right owners giving the applicant the right to develop

1 and use the fresh groundwater for the recovery
2 process,

3 b. an estimated schedule of use showing the amount of
4 fresh groundwater used each year in the recovery
5 process,

6 c. an economic study containing the following
7 information:

8 (1) a detailed analysis of the relative cost of
9 obtaining salt water and any other feasible
10 alternative versus the relative cost of obtaining
11 fresh groundwater,

12 (2) total project costs and the amount of oil and gas
13 expected to be recovered and the value expected
14 to be realized,

15 (3) the estimated value of fresh groundwater for
16 other purposes including, but not limited to,
17 those that are common to the area or vicinity
18 subject of the application as measured against
19 the overall estimated value of the oil or gas to
20 be recovered,

21 (4) the additional expense per barrel of oil
22 recovered if the applicant is required to use or
23 treat salt water instead of fresh groundwater in
24 the recovery process, and

1 (5) an evaluation of other recovery methods
2 considered and an explanation justifying the
3 choice of using fresh groundwater for recovery as
4 necessary or the most feasible,

5 d. an inventory of all wells, whether active or abandoned
6 within the boundaries of the proposed unitization and
7 within two (2) miles of the outside boundaries of the
8 proposed unitization,

9 e. the permeability, thickness, and estimated porosity of
10 the injection zone, and

11 f. information about the reuse and recycling of the fresh
12 groundwater.

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

16 a. a copy of the unitization plan on file with the
17 Corporation Commission,

18 b. a copy of each injection well application and the
19 approval of such application by the Corporation
20 Commission,

21 c. a copy of all logs of each injection well showing the
22 name of each zone containing salt water, and

23 d. the name and chemical composition of any material or
24 substance other than fresh groundwater proposed to be

