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AS AMENDED

By: Murdock of the Senate

Boles of the House

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

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

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

1 treat salt water instead of fresh groundwater in
2 the recovery process, and

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

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

11 e. the permeability, thickness, and estimated porosity of
12 the injection zone, and

13 f. information about the reuse and recycling of the fresh
14 groundwater.

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

18 a. a copy of the unitization plan on file with the
19 Corporation Commission,

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

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

1 d. the name and chemical composition of any material or
2 substance other than fresh groundwater proposed to be
3 injected underground in connection with the proposed
4 enhanced recovery operation.

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

6 COMMITTEE REPORT BY: COMMITTEE ON ENERGY
7 March 3, 2022 - DO PASS AS AMENDED
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