



Form 36B

Class V Spent Brine Injection Well Permit Application (In accordance with Order No. 35-91, as amended)

A. Purpose of filing: [] Original [] Amendment [] Correction Proposed well: [] Existing well [] Well to be drilled (Requires Drilling Permit)

B. Operator Name: Address: City: State: Zip: Phone: Fax: Email: Name of person responsible for this application: Phone: Email: List personnel responsible for disposal well operations: Name: Phone: Email: Name: Phone: Email: Name: Phone: Email:

C. Name of proposed injection well: If existing, give permit no.: Well location (footage calls): Sec. Twp: Rge: Field: County: Lat. & Lon. (dd.dddd) Elevation:

NOTE: Attach survey plat and ground elevation, if for a proposed new well.

D. Injection Formation(s) or Intervals: Name: Smackover Depth from (subsea) to (subsea) Depth from (subsea) to (subsea) Injection Interval -Frac gradient: psi/ft. Method of determination: Confining layer(s): Describe rock type: Name (if applicable): Depth from (subsea) to (subsea) Name (if applicable): Depth from (subsea) to (subsea) Confining Interval - Frac gradient: psi/ft. Method of determination: Total Thickness of Confining Layers: Freshwater Supplies: Zone name and depth of the lower most used freshwater within 1 mile of well: Municipal Supply: Depth from (subsea) to (subsea) Private Use Supply: Depth from (subsea) to (subsea) Specify depth of the lowest most USDW (as defined) within 1 mile of the disposal well: Attach type log indicating geologic formations proposed for injection, the confining layers and the freshwater supply. For new wells to be drilled, use the available log from the nearest well.

E. Injection Fluids: 1. Requested maximum injection pressure: 2. Requested daily injection rate: bpd of Spent Brine fluid. 3. Describe general source and type of Spent Brine fluids to be injected:

F. Additional Requirements:

1. Provide a well bore diagram of the proposed or existing well showing total depth of the well, all casings and cementing of casings, and any obstructions within well, all plugs set, tubing and packer setting depth, and all perforations and or open hole intervals. If application is for an existing well, a cement log (CBL) shall be submitted with the application.
2. A map showing:
 - A) The surveyed location of the well proposed to be drilled, deepened or converted, showing distances to the nearest property or lease lines; and
 - B) The location of all plugged and unplugged wells, which penetrate the proposed injection formation, within the 1/2 mile radius from the proposed disposal well, and showing the status of each well as producing, shut-in, disposal, enhanced recovery, plugged and abandoned, or other status.
3. The Applicant shall submit evidence that all plugged and unplugged wells which penetrate the injection formation, within the 1/2 mile radius of the injection well contain an adequate amount of cement and are constructed or plugged in a manner which will prevent the injection fluid and the fluid in the injection formation from entering USDWs.
4. Provide information on any known open faults penetrating the injection zone within 1 mile of the proposed injection well, which may allow movement of injected fluids endangering the any USDW.
5. Attach proof of publication in a legal newspaper having general circulation in the county, or in each county, if there shall be more than one, in which the one-half mile radius from the proposed disposal well is situated.
6. Attach a description of the method to be used for monitoring the disposal system volumes and pressure. This should include a description of how the flow rates and pressures can be verified and checked for accuracy.

CERTIFICATE

I declare under the penalties of perjury that this report has been examined by me and to the best of my knowledge is true, correct and complete.

Signature

Date

Print Name

ARKANSAS OIL AND GAS COMMISSION

P.O. Box 11510 - 2215 West Hillsboro
El Dorado, AR 71730

**NOTICE OF APPLICATION FOR CLASS V SPENT BRINE
DISPOSAL WELL PERMIT**

(OPERATOR) _____

(ADDRESS) _____

(CITY) _____ (STATE) _____ (ZIP) _____

has applied to the Arkansas Oil and Gas Commission for a permit to dispose of Spent Brine by well injection into the Smackover Formation.

The applicant proposes to dispose of spent brine into the Smackover

Formation at a depth of _____ feet to _____ feet in the _____

Well No. _____ Located _____

Section _____ Township _____ Range _____ in _____ Field,

_____ County, Arkansas.

Requests for public hearing from persons who can show they are adversely affected or request for information concerning this application should be **submitted in writing within 15 days of this publication to the Manager of Underground Injection Control, Arkansas Oil and Gas Commission, P.O. Box 11510, El Dorado, Arkansas 71730.**

