



Form 36 Class II UIC Injection Well And Surface Facility Permit Application (In accordance with General Rule H-1)

- A. Well Type: [] Class II Disposal [] Class II High Volume Disposal [] Class II Commercial Disposal [] EOR Injection 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: List name, address and phone numbers of personnel responsible for disposal well operations:

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

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

D. Proposed Injection Formation(s) or Intervals:

Name (if applicable): Depth from (subsurface) to (subsurface) Injection Interval - Frac gradient: psi/ft. Method of determination:

Confining layer(s): Describe rock type: Name (if applicable): Depth from (subsurface) to (subsurface) 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 (subsurface) to (subsurface) Private Use Supply: Depth from (subsurface) to (subsurface) 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.

Submit evidence showing that the proposed injection interval is not a USDW.

E. Injection Fluids:

- 1. Requested maximum injection pressure: Justification for maximum injection pressure request (attach additional sheets, if necessary): 2. Requested daily injection rate: bpd of produced fluid. 3. Describe general source and type of produced fluids to be injected: 4. Attach lab analysis of representation sample of proposed injection fluids indicating; chloride content, pH specific gravity, total dissolved solids and total percent hydrocarbons.

F. Surface Disposal facility (see G. 10 below):

Location of surface facility: _____ 1/4, _____ 1/4 Sec. _____ Twp. _____ Rge. _____

Latitude _____ Longitude _____

Number of and size of produced water storage tanks _____ Total storage capacity (on site) _____ bbls

List below or attach a list of all production wells (include Permit Numbers and daily amounts of produced fluids) which are connected to facility via pipeline or flowline or from which produced water is hauled (noncommercial) to the described surface facility.

G. 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 interval, within 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. If the well **is not located** within the boundaries of an operating oil and gas leasehold or drilling unit, the Applicant shall provide documentation, in the form of a surface use agreement or an affidavit of a surface use agreement, indicating the Applicant's right to drill and to operate the proposed disposal well. If well **is located** within the boundaries of an operating oil and gas leasehold or drilling unit, or the Applicant is someone other than the operator of the leasehold or drilling unit, the Applicant shall provide documentation, in the form of a surface use agreement, or an affidavit of a surface use agreement, indicating the Applicant's right to drill and to operate the proposed disposal well.

6. 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.

7. Attach copies of the return mail receipts indicating that a copy of the application has been mailed to each permit holder of all permitted, drilling or producing wells within a one-half mile radius of the proposed disposal well.

8. If the application is for a commercial disposal well, attach return receipts indicating that a copy of the application has been mailed to the County Judge of the county where the well is located and to the landowner (surface owner) where the well is located.

9. Attach a description of the method to be used for monitoring the disposal system volumes and pressures. This should include a description of how the flow rates and pressures can be verified and checked for accuracy.

10. **Note: Surface facilities for Commercial or High Volume disposal wells must be permitted by the Arkansas Department of Environmental Quality (ADEQ). See ADEQ web page for application process and forms.**

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 COMMERCIAL DISPOSAL
WELL PERMIT**

(OPERATOR) _____

(ADDRESS) _____

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

has applied to the Arkansas Oil and Gas Commission for a permit to commercially dispose of oil and gas production fluids by well injection into the

_____ 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.**

ARKANSAS OIL AND GAS COMMISSION
P.O. Box 11510 - 2215 West Hillsboro
El Dorado, AR 71730

**NOTICE OF APPLICATION FOR CLASS II SALT WATER
DISPOSAL WELL PERMIT**

(OPERATOR) _____

(ADDRESS) _____

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

has applied to the Arkansas Oil and Gas Commission for a permit to dispose of produced salt water by well injection into a formation that is not known to be productive of oil or gas.

The applicant proposes to dispose of salt water into the _____

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.**