



RAILROAD COMMISSION OF TEXAS

Form H-11

1701 N. Congress
P.O. Box 12967
Austin, Texas 78701-2967

Rev. /2014

- New Application
Application for Renewal
Application for Transfer

Application for Permit to Maintain and Use a Pit

OPERATOR INFORMATION

Operator Name:
Operator P-5 No.:
Operator Address:

LOCATION INFORMATION

District No.:
County:
Lease, Project or Facility Name:
Lease No. (if applicable):
Pit Location (section, block and survey):
Latitude (minimum five decimal places required):
Longitude (minimum five decimal places required):
Location is miles in a direction from, which is the nearest town in the county.
Surface Owner Name and Address:

PIT INFORMATION

1. Type of Pit (refer to Item F of instructions):
2. Pit is: Proposed Existing
3. Describe the land use surrounding pit location (industrial, agricultural, residential, etc.):
4. Briefly explain the use of this pit:
5. Will the pit store fluids above grade?
6. Does the pit have an artificial liner (concrete, steel, polyethylene, etc.)?
7. If lined, is the pit equipped with a leak detection system?
8. Operational pit capacity (barrels):
9. Inside pit dimensions two feet below top of dike:
10. Height of dikes above grade: ft.
11. Source of dike material: Excavated from pit Adjacent borrow pit
12. Type of waste or fluid:
13. Are wastes or fluids from operations other than your own?
14. Highest chloride concentration (mg/l)?
15. Distance to nearest water well or sensitive area as defined by SWR 91:
16. Depth to shallowest groundwater: ft.
17. Wastes or fluids are transported to pit by (check all that apply):
18. Have you included all attachments required by the Instructions on the reverse side of this form?
19. Is this pit associated with any other existing RRC permit(s)?

CERTIFICATION: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that this report was prepared by me or under my supervision or direction, that I am authorized to make this report, and that the information contained in this report is true, correct, and complete to the best of my knowledge.

Original Signature
Name and title (type or print)
Email (include email address only if you affirmatively consent to its public release)
Address
City, State, Zip Code
Tel: Area Code Number
Date: mo. day yr.

RRC DISTRICT USE ONLY: Application Information Review
Date Received:
Date Inspected:
Inspector:
Comments:
Location
Liner
Agricultural Land
Dimensions
Waste Transport
Grade construction
Type pit
Capacity
Dikes
Latitude/Longitude

RRC AUSTIN USE ONLY
Date received:
Pit code:
Pit type:
Permit No.:
SWR 78: YES NO

**Instructions to Pit Application**  
Authority: Statewide Rule 8, Water Protection

- A. File the application, including all attachments, with the Railroad Commission, Oil and Gas Division, Environmental Permits and Support, P.O. Box 12967, Austin, Texas 78711. On the same day file one copy of the application and its attachments with the appropriate District Office. This form is not required to:
- Apply for a minor permit. Refer to the Surface Waste Management Manual ([www.rrc.state.tx.us](http://www.rrc.state.tx.us)) for Guidelines for Processing Minor Permits Associated with Statewide Rule 8.
  - Transfer of a pit permit that is on an RRC lease and not associated with commercial storage or disposal of oil and gas waste. Pit permits located on an established oil or gas lease automatically transfer from one operator to another when the lease is transferred (when the P-4 is filed and approved by the Commission) except for those pit permits that are associated with commercial storage or disposal of oil and gas waste.
- B. Notify the surface owner of the land where the pit will be located by mailing or delivering a copy of the application form, both front and back. If the land where the pit is proposed is within corporate limits, also notify the city clerk or other appropriate city official.
- C. Attach a plat showing the size of the lease or tract and the location of the pit within the lease or tract. Give approximate perpendicular distance to nearest intersecting lease/unit lines (if applicable) and section/survey lines. Indicate scale on this plat. To avoid confusion, distinguish between the two sets of lines by using different colors or different line types (i.e. dashed, solid, dotted, etc.).
- D. Attach a county highway map (scale: 1" = 4 miles) showing the location of the pit. County highway maps are available from the Texas Department of Transportation or provide a satellite or street map from another reputable online source.
- E. For a renewal, attach a copy of your current authority to use the pit. Provide the latitude and longitude using only the North American Datum of 1983 (NAD83) or the World Geodetic System of 1984 (WGS84). Provide at least five decimal places.
- F. Identify the type of pit in Item 1 using one of the following as defined in Statewide Rule 8(a): Emergency Saltwater Storage Pit, Collecting Pit, Gas Plant Evaporation/Retention Pit, Brine Pit (located at underground hydrocarbon storage facilities only), Saltwater Disposal Pit, Skimming Pit, Washout Pit, Disposal Pit, Drilling Fluid Storage Pit, or other (specify in Item 1 and explain in Item 4).
- Statewide Rule 78 requires financial security for all commercial pits. Refer to the Surface Waste Management Manual ([www.rrc.state.tx.us](http://www.rrc.state.tx.us)) for Financial Security Requirements for Commercial Oil Field Waste Storage, Processing and Disposal Facilities in Accordance with Statewide Rule 78.
  - Additional information is required for commercial disposal pits. Refer to the Surface Waste Management Manual ([www.rrc.state.tx.us](http://www.rrc.state.tx.us)) for Supplemental Application Information for Permit to Maintain and Use a Commercial Oil and Gas Waste Disposal Pit.
- G. Attach a drawing of the top view of the pit and two perpendicular, cross-sectional views of the pit showing the pit bottom, sides, dikes and the natural grade. For an existing pit, dimensions below fluid level may be approximated. Indicate scale and dimensions on all views. If the waste is being stored above natural grade, drawings must be sealed by a registered engineer.
- H. **If pit is lined**, attach data on liner material (concrete, steel, polyethylene, etc.), thickness, permeability, and installation procedures.
- I. Attach an identification and description of the soil and subsoil that will make up the pit bottom and sides. The information shall describe the soil by typical name, appropriate proportion of grain sizes, texture, consistency, moisture condition, and other pertinent characteristics. (Example: clayey silt, slightly plastic, small percentage of fine sand, firm, and dry in place.) Identify the source of soil information. Information on how to classify soils is available from the Natural Resources Conservation Service. Site specific soil, subsoil and groundwater information, such as soil borings, may be required for disposal pits and brine pits or other pits in sensitive areas.
- J. **If pit is equipped with a leak detection system**, attach engineering design drawing of the pit and leak detection system, and provide an Action Leakage Rate (ALR) calculation, or other method of liner failure determination. A leak detection system is a system that isolates leakage before releasing to the environment, commonly in a monitored transmissive unit between two impermeable liners. Note, monitor wells are not considered leak detection systems.
- K. **If lined pit is not equipped with a leak detection system**, describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.
- L. **If pit is an emergency salt water storage pit**, attach justification for pit and pit size based on water production in barrels per day, lease water storage capacity, anticipated well or equipment shut-down time in days, and frequency of use per year.
- M. Sensitive Areas are defined in Statewide Rule 91 (<http://www.rrc.state.tx.us/legal/rules/current-rules/>). Characteristics of sensitive areas include the presence of shallow groundwater or pathways for communication with deeper groundwater; proximity to surface water, including lakes, rivers, streams, dry or flowing creeks, irrigation canals, stock tanks, and wetlands; proximity to natural wildlife refuges or parks; or proximity to commercial or residential areas.

**Note:**

- Engineering and geologic work products must be prepared under seal of registered engineer or geologist in the state of Texas, respectively, as required by the Occupations Code Chapters 1001 and 1002.
- The Director of the Oil and Gas Division may require the applicant to provide the Commission with any additional engineering, geological, or other information which the Director deems necessary to show that issuance of the permit will not result in the waste of oil, gas, or geothermal resources or the pollution of surface or subsurface water.

**Protests and hearings.**

An affected person may file a protest to the application and request a hearing. Any protest to the application should be filed with the Commission in Austin within fifteen days of the date the application is filed with the Commission. Any such protest shall be made in writing and shall include (1) the name, mailing address, and phone number of the person making the protest; and (2) a brief description of how the protestant would be adversely affected by the granting of the permit. If the Commission determines that a valid protest has been received, or that a hearing would be in the public interest, a hearing will be held after the issuance of proper and timely notice of the hearing by the Commission. If no protest is received within fifteen (15) days of receipt of the application in Austin, the application may be processed administratively.