

CSN: 370112 Permit No. 4237W
Media: Water
Section: 20S-24W

NARRATIVE DESCRIPTION

FOR

CARUTHERS PRODUCING COMPANY, INC.

ENGINEER: Ken Estes PERMIT NO. 4237-W DATE: 06/02/93

Caruthers Producing Company, Inc. proposes to permit the construction and operation of the Paramount Warnock LeCroy Heirs No. 3 salt water disposal system located in Section 2, Township 20S, Range 24W, Lake Erling East Field, Lafayette County, Arkansas. The Paramount Warnock LeCroy Heirs No. 3 well will be converted to dispose of salt water into the Nacatoch Formation at a subsurface depth interval of 1900 to 1902 feet. There will be 2 wells connected to the system that produce 200 barrels of salt water per day. There is one 210 barrel holding tank with firewalls around all salt water storage tanks provided to meet Department requirements for SWD systems. Injection pressure is 500 psig.

Flow rates can be verified by tank gauge. A gauge will be placed on the well head for checking pressure.

There are no transfer stations connected to the disposal system.

The following wells are approved for connection to the Paramount Warnock LeCroy Heirs No. 3 SWD System:

PWLH Well No. 1	W/2 SW Sec. 2-20S-24W	100 BW/D
PWLH Well No. 4	E/2 SE Sec. 3-20S-24W	<u>100 BW/D</u>
TOTAL		200 BW/D

Any modification to the system as described in the application will require a revision of the permit.

This is the initial application for a permit to dispose of salt water by Caruthers Producing Co., Inc. on the Paramount Warnock LeCroy Heirs No. 3 SWD System.



PERMIT

ISSUED BY

STATE OF ARKANSAS
DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY

8001 NATIONAL DRIVE, P.O. BOX 8913
LITTLE ROCK, ARKANSAS 72219-8913



CSN No. 37-0112

Effective Date 7/25/93

Permit No. 4237-W

Expiration Date N/A

To:

Caruthers Producing Co., Inc.
400 Travis St., Suite 1510
Shreveport, LA 71101-3182

This permit is your authority to operate and maintain the waste disposal system as set forth in your application dated April 27, 1993. This permit is issued subject to provisions of the Arkansas Water and Air Pollution Control Act (A.C.A. Sec. 8-4-101 et seq.) and the following terms and conditions:

1. The disposal system shall be constructed or modified in accordance with the final plans and specification as approved by the Department of Pollution Control and Ecology.
2. This permit shall automatically terminate unless construction of the disposal system has commenced within 3 months of the effective date and completed with all reasonable diligence. The Department shall be notified in writing when the disposal system has been completed in order that it may be inspected.
3. The disposal system shall be operated by qualified personnel and maintained in good operating condition at all times.
4. By-passing of the disposal system is prohibited and will result in revocation of this permit and/or other appropriate enforcement action by the Department.
5. There shall be no increase in the volume or strength of the waste being treated by the disposal system except within design limits covered by the plans and specifications approved by the Department. No extension or modification of the disposal system may be made without the issuance of a new permit.
6. This permit may be revoked or modified whenever it is necessary, in the opinion of the Department, to prevent or abate pollution of any waters of the state.
7. Nothing herein contained shall be construed as releasing the permittee from any liability for damage to persons or property by reason of the installation, maintenance or operation of the disposal system.
8. This Permit is issued in reliance upon the statements and representations made in the application and the plans and specifications, and the Department has no responsibility for the adequacy or proper functioning of the disposal system.
9. THERE SHALL BE NO DISCHARGE TO SURFACE WATERS OF THE STATE.

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY

By:

Charles Bennett

Chief, Water Division

Date

6/24/93

Permit No. 4237-W
Caruthers Producing Co., Inc.

10. The permittee shall comply with all applicable permit fee requirements for state permits as described in ADPC&E Regulations No. 9 (Regulation for Fee System for Environmental Permits). Failure to promptly remit all required fees shall be grounds for the Director to initiate action to terminate this permit under the provisions of ADPC&E Regulation No. 8.
11. This system is known as the Paramount Warnock Lecroy Heirs #3 Salt Water Disposal System located in Section 2, Township 20 South, Range 24 West, Lake Erling East Field, Lafayette County, Bradley, Arkansas.
12. This permit is based on a projected disposal rate of 200 barrels per day. An increase of 15% or more above this amount will require modification of this permit.
13. The PWLH #3 disposal well will receive salt water from the attached list of wells. The same will be injected into the Nacatoch Formation at a subsurface depth interval of 1900' to 1902'.
14. There shall be posted at the site of the well or tank battery a permanent sign bearing the name of the operator, the permit number, the lease, and legal description of the location.
15. No salt water shall be discharged to the surface waters of the State of Arkansas.
16. There shall be constructed around all salt water storage tanks an impermeable dike capable of holding 1.5 times the capacity of the largest tank contained within the berm. No drains, valves, or gates are allowed that would permit discharge of fluids contained within the berm.
17. As an adjunct to the above conditions, the permittee shall comply with all provisions of Arkansas Pollution Control and Ecology Commission Regulation No. 1.

Caruthers Producing Co., Inc.
Permit No. 4237-W
Wells Connected to the
Paramount Warnock LeCroy Heirs No. 3

PWLH Well No. 1
PWLH Well No. 4

W/2 SW Sec. 2-20S-24W
E/2 SE Sec. 3-20S-24W



STATE OF ARKANSAS
DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
8001 NATIONAL DRIVE, P.O. BOX 8913
LITTLE ROCK, ARKANSAS 72219-8913
PHONE: (501) 562-7444
FAX: (501) 562-4632



CERTIFIED MAIL: P 136 285 742
RETURN RECEIPT REQUESTED

June 25, 1993

Caruthers Producing Co., Inc.
400 Travis Street, Suite 1510
Shreveport, LA 71101-3182

Gentlemen:

The enclosed permit (No. 4237-W) is your authority to construct, operate and maintain the Paramount Warnock Lecroy Heirs #3 Salt Water Disposal System as set forth in your application dated April 27, 1993.

This permit is issued subject to the provisions of the Arkansas Water and Air Pollution Control Act (A.C.S. Sec. 8-4-101 et seq) and the terms and conditions stated therein. Approval for underground injection is also required from the Arkansas Oil and Gas Commission.

After considering the facts and requirements of the aforementioned Act and implementing regulations, I have determined that Permit No. 4237-W for the construction, operation and maintenance of a water pollution control system for PWLH #3 SWDS be issued and effective on the date specified in the permit, unless a Commission review has been properly requested under Section 4, Part III, of Regulation No. 8, Arkansas Department of Pollution Control and Ecology Administrative Procedures, within 30 days after service of this decision.

All persons entitled to do so, may request an adjudicatory hearing and Commission review on whether the decision of the Director should be reversed or modified. Such a request shall be in the form and manner required by Section 4, Part III of Regulation No. 8.

Sincerely,

Chuck Bennett
Chief, Water Division

CB:ka

Enclosure

cc: Arkansas Dept. of Health - Division of Engineering
Marty Perdue, Arkansas Oil & Gas Commission
Darlene Ogden, ADPC&E, El Dorado office