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west virginia department of environmental protection

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Office of Oil and Gas  
601 57<sup>th</sup> Street  
Charleston, WV 25304  
(304) 926-0450  
Fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary  
dep.wv.gov

## Fact Sheet

DeRan Resources, Inc./ Class 2 UIC Permit Number 2D03902803003

### Purpose of Fact Sheet

The purpose of this fact sheet is to briefly describe the principal facts and considerations that went into preparation of the draft permit as required in 47 CSR 13-13.31.

### Facility Description

DeRan Resources, Inc. operates a Non-Commercial Class 2 Underground Injection Control (UIC) facility in Elk District, Kanawha County, West Virginia that is permitted to inject Class 2 compliant fluid associated with oil and natural gas production derived from wells owned by the operator. The operator has applied for a reissuance of their permit.

### Public Participation

Per 47 CSR 13-13.24.b.1 the public has thirty (30) days to review and comment on Class 2 UIC draft permits. As part of the draft permit, a public notice is developed by WVDEP, and the permittee is responsible for a Class I legal advertisement.

The public comment period for the above named UIC permit will begin on **July 19, 2024, and end on August 19, 2024**. All written comments on the draft permit can be mailed to:

West Virginia Department of Environmental Protection  
Office of Oil and Gas  
Attn: UIC Program  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304

Promoting a healthy environment.

Comments may also be faxed to (304) 926-0452, Attn: UIC Program, or e-mailed to DEPOOGEP@wv.gov with "UIC Comments" in the subject line. Please include an email or street address for reply.

WVDEP will review and consider all comments filed within the public comment period. A response to all significant comments will be made by WVDEP. After review and consideration of comments, a final decision to reissue or deny the permit application will be made.

## **Summary of Permit Conditions**

The permit is developed to help ensure and protect human health and the environment.

The facility is permitted as a Non-Commercial operation and may only inject Class 2 compliant fluids derived from oil and gas wells owned by the operator.

The permit authorizes injection of Class 2 compliant oil and gas waste liquids into the Big Injun formation at a depth of 1,792 feet to 1,822 feet. The well is known as Smith No.1 (API 4703902803).

The maximum wellhead injection pressure is 350 psi. The casing, tubing, and packer of the Class 2 UIC injection well shall be tested for integrity at least once every five (5) years. The minimum test pressure for the injection wells is 385 psi. (350 x 1.1)

The Class 2 UIC injection well shall have piping, connecting any pumps and the well, pressure tested at least once every five (5) years. The minimum test pressure for the pipeline is 450 psi. (350 + 100)

The Class 2 UIC injection wells shall be constructed, monitored, operated, and tested to help ensure protection of Underground Sources of Drinking Water (USDWs).

The Class 2 UIC injection wells shall be monitored daily for injection pressures, rates, and volumes. The injection reporting results shall be submitted to WVDEP.

The Class 2 injected fluid shall be sampled and analyzed at least once a year. The injectate reporting results shall be submitted to WVDEP.

## **Area of Review**

Every five (5) years the permittee is required to investigate and document all active, abandoned, and plugged wells within a ¼ mile fixed radius of the injection well, which could be potential conduits for injection fluids.

At least every five (5) years the permittee shall sample all domestic water wells (sources) within the area of review.

## **Duration of Permit**

Permits for Class 2 UIC wells are valid for a period of five (5) years. Note: The permittee can apply to renew a UIC permit no later than one hundred and eighty (180) days prior to the expiration date.

### **Facility / Field Location:**

Elk District  
Kanawha County, West Virginia  
Kettle 7.5' Quadrangle  
625 Jakes Run Road  
Elkview, WV 25071

### **Permittee Contact:**

DeRan Resources, Inc.  
2506 Ripley Road  
Spencer, WV 25276

### **UTM NAD 83(meters)**

Northing 4262145.3  
Easting 460675.1  
Latitude 38.506809  
Longitude -81.451026

### **WVDEP Contact:**

Office of Oil and Gas  
Andrew L. Lockwood  
601 57th Street, SE  
Charleston, WV 25304  
(304) 926-0499, ext. 41104