

UNITED STATES  
ENVIRONMENTAL PROTECTION AGENCY  
REGION II  
290 Broadway, 20<sup>th</sup> Floor  
New York, New York 10007-1866

**NOTICE OF FORMULATION OF DRAFT UIC PERMIT  
AND  
NOTICE OF PUBLIC COMMENT PERIOD FOR DRAFT PERMIT**

Public Notice No. 2016-13  
Permit No. **UIC162R001**  
Date: February 24, 2016

Dallas Energy, LLC, 103 South Kendall Avenue, Bradford, PA 16701, has applied to the United States Environmental Protection Agency (EPA) under the provisions of the Safe Drinking Water Act, 42 U.S.C. 300f et seq. (the Act), for an Underground Injection Control (UIC) permit to inject fluids into a Class II enhanced recovery injection well, the Potter Lumber #PL29, Parkside Drive, Carrollton, NY. The Potter Lumber #PL29 was drilled and completed as an oil production well in 2008. The draft permit specifies the following operating, monitoring and reporting requirements to ensure protection of underground sources of drinking water (USDWs):

1. Injection is limited to the Chipmunk (approximately 80 feet thick), Bradford 2<sup>nd</sup> (approximately 55 feet thick), Harrisburg Run (approximately 9 feet thick) and Bradford 3<sup>rd</sup> (approximately 65 feet thick) Sandstones (collectively the Injection Zones). The top of the Injection Zones lies at a depth of approximately 1,394 feet below the surface.
2. Injection pressure is limited to a maximum of 619 pounds per square inch gauge (psig) as measured at the wellhead. The fracture pressure of the Injection Zones was determined to be 651 psig or above. Limiting injection pressure to 619 psig will prevent the formation of new fractures or the extension of existing fractures in the Injection Zones which, along with the thick shale formation overlying the Injection Zones, will ensure that injected fluids do not endanger USDWs. Pursuant to the permit application, Permittee shall install a pressure gauge to continuously monitor injection pressure and that shall automatically cease injection should injection pressure exceed 619 psig. In addition, should Permittee determine that the pressure gauge is not functioning properly, Permittee shall immediately cease injection and may not resume injection until any needed repairs are completed and Permittee has received written authorization to inject from the Director.
3. Injected volume is limited to a 30 day average of 150 barrels (bbls) per day. The maximum daily injection volume for any 24-hour period shall not exceed 250 bbls.

4. The injection fluid is limited to fluids produced from oil and gas production wells owned and/or operated by Dallas Energy and located on the Potter Lumber Lease or adjacent leases. Permittee is authorized to add the following, at the concentrations specified, to the injectate prior to injection:

- a. HP-9712W for corrosion and deposit control at a concentration of approximately 0.24 gallons of HP-9712W per 1,000 gallons of water.
- b. MB-7530 to control bacteria growth added to the stock tank at a rate of 9 gallons per week.

5. The Permittee shall test the injection well for mechanical integrity at the following frequencies:

- a. prior to initiating injection activities,
- b. no later than 5 years after the previous successful test and
- c. after any well rework or repair activities.

6. The Permittee shall, at all times when the well is injecting, maintain a positive pressure of approximately 10 psig in the annulus between the 4-1/2 inch casing and the 2 inch injection tubing. If the annular pressure exceeds 15 psig or drops to 0 psig, possibly indicating a loss of well mechanical integrity; or the annular pressure monitoring gauge is not functioning properly, Permittee shall immediately cease injection. Injection shall not resume until the problem has been determined, any necessary repairs completed and Permittee has received written authorization from EPA to resume injection. Therefore, any potential mechanical integrity issues will be promptly identified and repaired, minimizing any threat to USDWs.

7. The Permittee must submit an annual report that includes monitoring records of injected volumes, the results of any mechanical integrity tests, and any major changes in characteristics or sources of injected fluids. The annual report shall be submitted not later than January 31st, summarizing the activities of the calendar year ending the previous December 31st.

This notice is being given to inform the public that EPA has prepared a draft permit, and to solicit public comment. The permit contains standards, prohibitions and other conditions necessary to carry out the provisions of the Act. Should there be significant interest displayed by written public comment, a Presiding Officer shall conduct a public hearing on the above-identified draft permit. The purpose of this public hearing will be to receive comments from interested parties and the public on the draft permit prepared by EPA. Notification of the Hearing will be published in advance so that all interested parties may participate.

Once all public comments are submitted and a public hearing, if necessary, is held, the Director of the Division of Enforcement and Compliance Assistance of EPA Region II will make a final decision on whether or not to issue a permit and if issued the applicant will be required to comply with all conditions of the permit.

Written comments must be submitted within 30 days of the date of this notice no later than March 25, 2016 to the following address:

Douglas McKenna, Chief  
Water Compliance Branch  
U.S. Environmental Protection Agency, Region II  
290 Broadway, 20<sup>th</sup> Floor  
New York, New York 10007-1866

All information submitted by the applicant is available as part of the administrative record, subject to provisions of law restricting the public disclosure of confidential information. The administrative record for the draft permit can be inspected at any time between 8:30 am and 4:00 pm. It is recommended that you contact EPA at [region2\\_uic@epa.gov](mailto:region2_uic@epa.gov) to schedule a date and time to review the administrative record to allow time for EPA to make the necessary arrangements for your visit. Copies of documents comprising the administrative record can be obtained by submitting a Freedom of Information Act (FOIA) request online at <https://foiaonline.regulations.gov/foia/action/public/home> or by mailing a request to:

Freedom of Information Officer  
U.S. EPA Region 2  
290 Broadway, 26th Floor  
New York NY 10007-1866

Please note that, pursuant to 40 C.F.R. Part 2, fees may apply to FOIA requests.

Dore LaPosta  
Director  
Division of Enforcement Compliance and Assistance