



west virginia department of environmental protection

Office of Oil and Gas
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Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
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Fact Sheet

Cabot Oil & Gas Corporation / Class II UIC Permit Numbers 2D0151017

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

Cabot Oil & Gas Corporation operates a Class II Underground Injection Control (UIC) well in Pleasant District, near Lizemores in Clay County, West Virginia. The well is permitted to inject fluids associated with oil and natural gas production, at a wellhead maximum injection pressure of 1000 psi. This permit is currently in the process of being renewed.

Public Participation

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

The public comment period for the above named UIC permit will begin on March 10, 2015 and end on April 10, 2015. All written comments on the draft permit can be mailed to:

West Virginia Department of Environmental Protection
Office of Oil and Gas
Attn: Justin Nottingham
601 57th Street SE
Charleston, WV 25304

Comments may also be faxed to (304) 926-0452, Attn: Justin Nottingham, or e-mailed to DEPOOGEP@wv.gov with "UIC comments" in the subject line.

A public hearing shall be held if a significant degree of public interest is shown per 47 CSR 13-13.27.a.

WVDEP will review all comments received within public comment period and during hearing (if applicable). A response to all significant comments shall be made by WVDEP.

Subsequent to review and consideration of comments, a final decision to issue or deny the permit application will be made.

Summary of Permit Conditions

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

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

The Class II UIC well has a surface casing with cement circulated to surface. In addition, the well has a long string casing with cement above the injection formation. Injection shall take place through tubing and packer arrangement.

The Class II UIC well shall be tested for integrity at the casing-tubing-packer at least once every five (5) years.

The Class II UIC well shall have piping, connecting any above ground storage tanks and the well, pressured tested at least once every five (5) years.

The Class II UIC well shall continuously be monitored for injection pressures, rates, and volumes. The injection reporting results shall be submitted to WVDEP.

The Class II UIC well has a calculated maximum injection pressure below the formation parting pressure to ensure the confining layer(s) is not fractured.

Area of Review

Every five (5) years the permittee is required to conduct an investigation of all active, abandoned, and plugged wells located 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 water wells (sources) within the area of review.

Duration of Permit

Permits for Class II UIC well are valid for a period of five (5) years. An operator at the time of permit expiration can apply to renew a UIC permit.

Location:

Lizemores
Pleasant District
Clay County, West Virginia
Latitude 38.337931 degrees
Longitude -81.170438 degrees

Permittee Contact:

Cabot Oil & Gas Corporation
Five Penn Center West, Suite 401
Pittsburgh, PA 15276

WVDEP Contact:

Office of Oil and Gas
Zachary Stevison
601 57th Street, SE
Charleston, WV 25304
(304) 926-0499, ext. 1646