



Underground Injection Control Application

Class II D

**Marjorie C. Yanity 1025 Well
API # 37-063-31807-00**

**Prepared by:
Pennsylvania General Energy Co., L.L.C.
120 Market St, Warren, PA 16365**

5/2/2013

Pennsylvania General Energy Company, L.L.C. is seeking approval from EPA Region 3 to convert the Marjorie C. Yanity 1025 (API# 37-063-31807-00) natural gas production well to a Class II Type D injection well.

PENNSYLVANIA GENERAL ENERGY COMPANY, L.L.C.

120 MARKET STREET
WARREN, PA 16365

TEL: (814) 723-3230
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United States EPA Region 3
Groundwater and Enforcement Branch (3WP22)
Office of Drinking Water and Source Water Protection
1650 Arch Street
Philadelphia, Pa 19103
Attention: Steve Platt

Pennsylvania General Energy Company, L.L.C. is seeking approval from EPA Region 3 to convert the Marjorie C. Yanity 1025 (API# 37-063-31807-00) natural gas production well to a Class II Type D injection well. The Marjorie C. Yanity 1025 well is located in Grant Township, Indiana County, PA and has produced from the Huntersville Chert formation since 1997. The reservoir is nearing depletion and is an excellent candidate for conversion to water disposal. Please find enclosed a completed Underground Injection Control Application for the Marjorie C. Yanity 1025 well.



Producing the energy we need.
Protecting the environment we treasure.

www.penngeneralenergy.com

United States Environmental Protection Agency Underground Injection Control Permit Application <i>(Collected under the authority of the Safe Drinking Water Act, Sections 1421, 1422, 40 CFR 144)</i>		I. EPA ID Number															
			T/A	C													
Read Attached Instructions Before Starting For Official Use Only																	
Application approved mo day year	Date received mo day year	Permit Number	Well ID FINDS Number														
II. Owner Name and Address		III. Operator Name and Address															
Owner Name Pennsylvania General Energy Company, L.L.C.		Owner Name Pennsylvania General Energy Company, L.L.C.															
Street Address 120 Market Street		Street Address 120 Market Street															
Phone Number (814) 723-3230		Phone Number (814) 723-3230															
City Warren	State PA	ZIP CODE 16365	City Warren														
			State PA														
			ZIP CODE 16365														
IV. Commercial Facility	V. Ownership	VI. Legal Contact	VII. SIC Codes														
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Private <input type="checkbox"/> Federal <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator	1311														
VIII. Well Status (Mark "x")																	
<input type="checkbox"/> A Operating	Date Started mo day year	<input checked="" type="checkbox"/> B. Modification/Conversion	<input type="checkbox"/> C. Proposed														
IX. Type of Permit Requested (Mark "x" and specify if required)																	
<input checked="" type="checkbox"/> A. Individual	<input type="checkbox"/> B. Area	Number of Existing Wells 0	Number of Proposed Wells 1														
		Name(s) of field(s) or project(s) Marjorie C. Yanity #1025															
X. Class and Type of Well (see reverse)																	
A. Class(es) (enter code(s)) II	B. Type(s) (enter code(s)) D	C. If class is "other" or type is code "X," explain	D. Number of wells per type (if area permit)														
XI. Location of Well(s) or Approximate Center of Field or Project			XII. Indian Lands (Mark "x")														
Latitude		Longitude		Township and Range													
Deg	Min	Sec	Deg	Min	Sec	Sec	Twp	Range	1/4 Sec	Feet From	Line	Feet From	Line	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
40	44	43	78	55	34												
XIII. Attachments																	
(Complete the following questions on a separate sheet(s) and number accordingly; see instructions) For Classes I, II, III, (and other classes) complete and submit on a separate sheet(s) Attachments A--U (pp 2-6) as appropriate. Attach maps where required. List attachments by letter which are applicable and are included with your application.																	
XIV. Certification																	
I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)																	
A. Name and Title (Type or Print) James Ashbaugh, P.E. Vice-President Engineering										B. Phone No. (Area Code and No.) (814) 723-3230							
C. Signature 										D. Date Signed 05/02/2013							

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A

AREA OF REVIEW METHODS

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Attachment A: AREA OF REVIEW METHODS

The area of review will be a fixed ¼ mile radius around the well bore of the Marjorie C. Yanity 1025 well. This area is represented on the topographical map in this section with a green circle.

Included in this section:

- Topographical map illustrating the ¼ mile area of review.



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B

MAP OF WELL & AREA OF REVIEW

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Attachment B: MAP OF WELL AND AREA OF REVIEW

Based on available public records there are no intake or discharge, hazardous waste treatment, storage, or disposal facilities within one quarter mile of the Marjorie C. Yanity 1025 well. Additionally there are no records of injection wells, abandoned wells, dry holes, or quarries identified in public record. The area has however been extensively strip mined for coal. A map showing the areas that have been mined is included. There are three producing shallow gas wells in the area of review, none of which penetrate the zone of injection. The deepest of the producing wells in this area is 3,560 feet at TD. This is 3,984 feet above the shallowest injection perforation. The locations of all three wells are mapped in this attachment. The well data and completion reports for these wells can be found in Attachment C.

Maps included in this section:

- Topographical, aerial, and hillshade of the area of review.
- Producing wells within area of review.
- Surface bodies of water and springs.
- Mined areas.
- Roads and residences (aerial).
- Bedrock fault.

Note: Larger scale maps can be provided on request.

