

EPA Mid-Atlantic Region

Sliverville Oil Company, LLC UIC Permit #PAS2R930BMCK “Evans 106”

(Evans Lot in the Allegheny National Forest, Lafayette Township, McKean County,
Pennsylvania)

Administrative Record Index

1. “Attachment 1” – EPA-Approved Plugging and Abandonment Plan (March 4, 2018)
2. Initial Application (January 24, 2018), including all attachments
3. Supplemental Application / Revisions (March 4, 2018), including all attachments
4. Maps. Including all maps from application and:
 - “Precambrian Basement Map of the Appalachian Basin and Piedmont Province in Pennsylvania Version 1.0” – Pennsylvania Geological Survey
 - Google Earth analysis performed by EPA staff
 - Oil and Gas Field Atlas of the Bradford Quadrangle. Pennsylvania Geological Survey Fourth Series Special Bulletin 5 (Supplement to Bulletin M21)
5. Maximum Injection Pressure calculation performed by EPA staff (March 19, 2018)
6. *Geology of Pennsylvania*. Pennsylvania Department of Conservation and Natural Resources. <http://www.dcnr.pa.gov/Geology/GeologyOfPA/Pages/default.aspx> (last accessed on April 8, 2018)
7. Endangered Species Act official species list. U.S. Fish & Wildlife Service. (record search April 5, 2018)
8. Notes documenting conversations between EPA permit writer and field inspector.
9. Notes documenting meeting between EPA, Sliverville Oil and Moody & Associates (contractor for Sliverville Oil)
10. “Framework for evaluating seismic potential associated with UIC Class II permit” (including all documents cited therein).
11. “Halliburton Cementing Tables”. Halliburton Services. 1981.
12. Cementing invoice for Well 106 from Howard Drilling, LLC dated September 29, 2014.
13. “The Geology of Pennsylvania”. Pennsylvania Geological Survey & Pittsburgh Geological Survey. 1999.
14. *Where are the Fault Lines in the United States East of the Rockies*, website, United States Geological Survey, Earthquake Hazard Program. <https://www.usgs.gov/faqs/where-are->

[fault-lines-eastern-united-states-east-rocky-mountains?qt-news_science_products=7#qt-news_science_products](#)

15. “Earthquake Hazard in Pennsylvania”. Pennsylvania Department of Conservation and Natural Resources. 2003.
http://www.docs.dcnr.pa.gov/cs/groups/public/documents/document/dcnr_20029471.pdf
(last accessed on April 8, 2018)
16. Guidance 7, Casing and Cementing Policy. EPA Underground Injection Control Program for Pennsylvania. (Revised November 1986)
17. *Minimizing and Managing Potential Impacts of Induced-Seismicity from Class II Disposal Wells: A Practical Approach*. U.S. EPA UIC National Technical Workgroup. February 5, 2015. <https://www.epa.gov/sites/production/files/2015-08/documents/induced-seismicity-201502.pdf>