



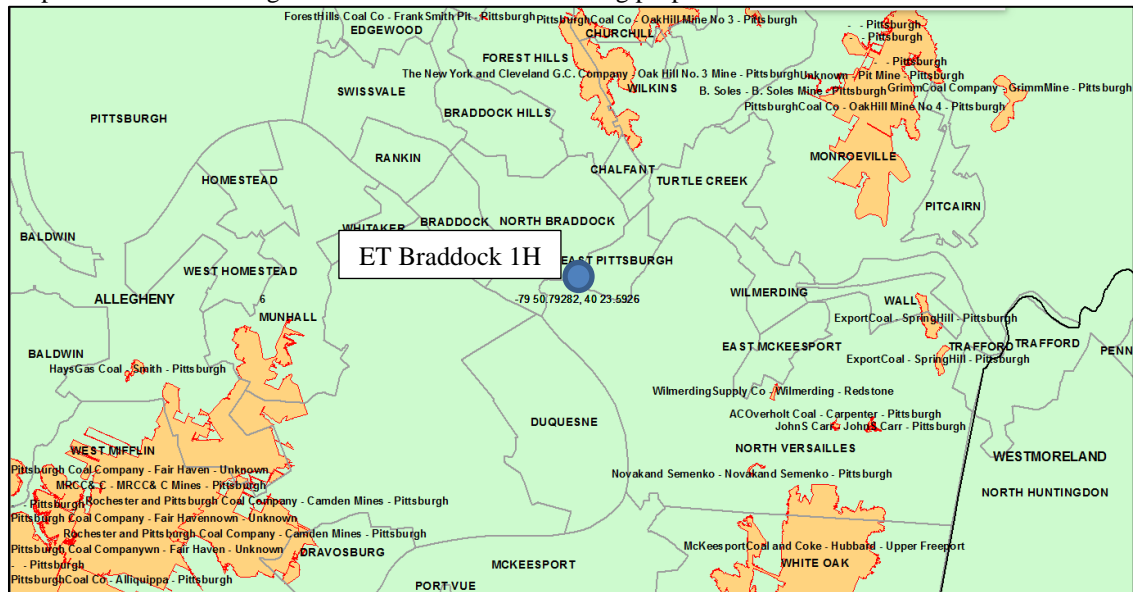
December 4<sup>th</sup>, 2018

**SUBJECT: MERRION OIL & GAS NON-COAL JUSTIFICATION: ET-BRADDOCK SITE, ALLEGHENY COUNTY, PA**

Based on our review of available records regarding the local history and potential for coal production within the defined project area, as well as recent similar permit applications, the Merrion Oil & Gas Corporation is respectfully submitting well permit applications for its upcoming ET-Braddock 1H well under non-coal classification.

The records reviewed include:

- Bituminous Coal Resources in Western Pennsylvania – Mineral Resource Report 68
- Map of Permitted Underground Mines in area surrounding proposed well: ET Braddock 1H



- Distribution of Pennsylvania Coals (Map 11) by PA DCNR
- PaGEODE web mapping application
  - The proposed well location will start penetration in the Conemaugh Group, Casselman Formation.

If you have any questions regarding this non-coal justification, or any other aspect of our permit applications, please do not hesitate to contact me.

Sincerely,

Ryan Davis  
Operations Manager

ET Braddock 1H – North Versailles, Allegheny County  
COAL SEAM Review  
“PA Mineral Resource Report 68”

Washington ABSENT  
Waynesburg ABSENT  
Sewickley ABSENT  
Redstone ABSENT  
Pittsburgh ABSENT  
Upper Freeport INFERRED  
Lower Freeport INFERRED  
Upper Kittanning INFERRED  
Middle Kittanning INFERRED  
Lower Kittanning INFERRED  
Clarion INFERRED  
Brookville INFERRED  
Mercer INFERRED  
Other N/A