

Class II-D UIC PADEP
Permit Application
for
Roulette Oil & Gas Co., LLC
Clara Field #20 Well
37-105-21374-00-00
Clara Township, Potter Co., PA

Submitted by:
Roulette Oil & Gas Co., LLC
1140 Route 44 South
Shinglehouse, PA 16748



Cary P. Kuminecz 8/12/2022

Prepared by:
Cary P. Kuminecz CPG, PG (NY & PA)
StratResources Geologic Consulting, PLLC
4862 Harmony Way
Hamburg, NY 14075
stratresourcesgeo@gmail.com



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 - B. *Well Location Plat & Document (Form 8000-OOGM-M0002)*
 - C. *Environmental & Archeological Reviews*
 - PNDI Receipt & Approval Letter
 - SHPO Approval Letter
 - Coordination of a Well Location with Public Resources (Form 8000-PM-OOGM 0076)
 - D. *EPA Permit Application*
 - E. *EPA Injection Permit*
 - F. *Control & Disposal Plan (2 copies)*
 - G. *Erosion & Sedimentation Plan (2 copies)*
 - H. *Permit Application Narrative, including:*
 - Geologic Setting and Stratigraphy
 - Vertical Separation from the Salina Group Top and from the Basement
 - Estimated Depth of Deepest Fresh Ground Water
 - Location and Thickness of Confining Layers
 - Potential Seismicity
 - Display Maps
 - Structural Geologic Maps
 - Structural & Stratigraphic Geologic Cross-Sections
 - I. *Known Water Wells within the 1 mile Buffer beyond the AOR*
 - J. *Bottom Hole Pressure and Fracture Gradient*
 - K. *Proposed Injection Rates*
 - L. *Casing and Cementing Plan & Clara #20 Well Record*
 - M. *Measures to Be Taken to Avoid Creating a Public Nuisance*
 - N. *Description of Monitoring to Be Conducted*
- Appendices*
- I: *Clara #20 Well Logs*
 - II: *Well Records from 56 Oil & Gas Wells within the 1-mile Buffer*
 - III: *Structural & Stratigraphic Geologic Cross-Sections (full size with hard copies only)*