



ILLINOIS DEPARTMENT OF NATURAL RESOURCES

Office of Oil and Gas Resource Management
One Natural Resources Way Springfield, Illinois 62702-1271



HIGH VOLUME HORIZONTAL HYDRAULIC FRACTURING PERMIT APPLICATION HVHFF-10

References to "1-xx" or "§1-xx" are to the Hydraulic Fracturing Regulatory Act., 225 ILCS 732/1-1 et seq. References to "240.xxx" and "245.xxx" are to 62 Ill. Admin. Code 240 and 245, respectively.

Attachment: TopsoilPreservationPlan

Please save attachment and use the file name above.

Topsoil Preservation Plan §1-35(b)(20); 245.210(b)(2), 245.410(d).

Please detail the plan to stockpile, stabilize, store, and segregate any topsoil and subsoil stripped from the site, as well as the proposed timeframe during which the site will be disturbed.



WOOLSEY OPERATING COMPANY, LLC

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Woolsey Operating Company, LLC
Woodrow #1H-310408-193
White County, Illinois
High Volume Horizontal Hydraulic Fracturing Permit Application
HVHHF-10: Topsoil Preservation Plan

ATTACHMENT: Topsoil Preservation Plan

At the time of construction of the well pad and well site, topsoil will be stripped following vegetation removal, be stored separately from subsoil or other excavated material to avoid mixing during construction, storage and restoration. Topsoil will include all suitable growth medium present at site, as indicated by color or texture or supporting any sprigs of vegetation.

Topsoil will be wind-rowed to shallowest practical depth around the entire perimeter of well pad to create a berm that infiltrates/redirections/manages storm water while extending the viability of the topsoil.

Erosion control will be installed if necessary to ensure soil stays within the stockpile footprint. Stockpiles will be stabilized to avoid erosional losses using re-established native grasses and/or erosion mats. If topsoil stockpiles will remain longer than a growing season, the pile will be seeded with a cover crop.

Topsoil, subsoil, and underlying materials will be stored in separate piles. The portion of the site used for drilling and completion will be disturbed from between 6 months and one year and topsoil will be reclaimed on that portion upon remediation. The portion of the site that will be used for operations and production will be disturbed during the production phase of the well. Upon plugging and abandoning the well all topsoil will be reclaimed with either the topsoil removed or with topsoil of similar characteristics.

Access roads to the well site will not include the removal of topsoil or subsoil. A layer of rock will be added on the topsoil. The access road will remain in place through the production phase of the well. To restore the access road the rock added will be removed from the road and any topsoil removed during that process will be reclaimed with topsoil of similar characteristics of the topsoil removed.

On April 22, 2016, 62 Ill. Adm. Code 240.1181 was repealed and the requirements found in that Section were incorporated into 62 Ill. Adm. Code 240.1180. As it is now impossible to comply

with 62 Ill. Adm. Code 240.1181, the well site will be restored with the restoration requirements found in 62 Ill. Adm. Code 240.1180 and Section 1-95 of the Hydraulic Fracturing Regulatory Act, 225 ILCS 732/1-95.