



## 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

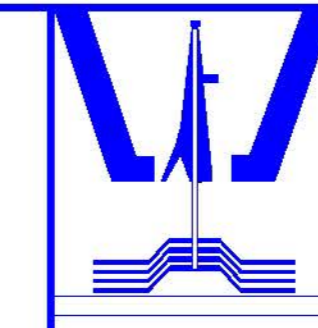
References to "1-xx" or "§1-xx" are to the Hydraulic Fracturing Regulatory Act., 225 ILCS 732/1-1 et seq. References to "240.xxx" and "245.xxx" are to 62 Ill. Admin. Code 240 and 245, respectively.

#### **Attachment: AdditionalRequiredMaps**

Please save attachment and use the file name above.

**Additional Required Maps §1-35(b)(7); 245.210(a)(7).** In addition to the scaled plat map referred to in the Well Site Setback Plan above, and the scaled cross section diagram referred to under the Directional Drilling Plan, please attach a **SCALED TOP VIEW DIAGRAM** showing the well location, direction of drilling (below surface entry to the intersection with target formation) and horizontal leg to total length. At the surface indicate all known previous well bores within 750 feet of the vertical plane above any part of the horizontal well bore that penetrated within 400 vertical feet of the formation that will be stimulated as part of the high volume horizontal hydraulic fracturing operations. If well bores are present, include the well name, location and permit and reference number for each.





**FRONTIER PROJECT**

**WOODROW PROSPECT**

**Woodrow #1H-310408-193**

*Surface Plat*

REMARKS  
DNR HVHHF-10  
Exhibit: Additional Required Maps

By: **BWW**

May 12, 2017

HAMILTON COUNTY

**T. 4 S.**

**Bottom Hole Loc.:**  
2,096' FEL of Sec. 30-4S-8E  
1,630 FNL of Sec. 30-T4S-R8E

Completed Horizontal Interval

Reservoir Intercept

40 Ac. Stacked Vertical Drilling Units

**PROPOSED:**  
WOOLSEY OPERATING COMPANY  
WOODROW #1H-310408-193  
Surface Loc.: 1,650' FEL of Sec. 31-4S-8E  
1,990 FNL of Sec. 31-T4S-R8E

WHITE COUNTY

**R. 8 E.**

