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 HVHHF-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: WellSiteSetbackPlan

Please save attachment and use the file name above

Well Site Setback Plan §1-35(b)(3); 245.210(a)(3), 245.210(a)(7), 245.400. (NOTE: PLAT MAP REQUIRED) Distances must be measured horizontally from the nearest edge of the well site. (a) Is the site at least 500' from any residence or place of worship? ___YES ___NO

If "no," attach a signed, dated, and notarized copy of all agreements with the adjoining landowner(s).

(b) Is the site at least 500' from the property line of any school, hospital, or licensed nursing home facility?___YES ___NO
If "no," explain:
Is the site at least 500' from the surface location of any water well or developed spring used for human or domestic animal consumption?___YES ___NO
If "no," attach a signed, dated, and notarized copy of all agreements with the adjoining landowner(s).

(c) Is the site at least 300' from the center of all perennial streams and the ordinary high water mark of any river, natural or artificial lake, pond, or reservoir?___YES ___NO
If "no," explain:
If you claim that a water source in question is wholly contained within the property of a landowner who expressly waives the setback requirements, attach a signed, dated and notarized a copy of the agreement with that landowner and describe the water source:

(d) Is the site at least 750 feet from any nature preserve or site on the Register of Land and Water Reserves?___YES ___NO If "no," identify all such preserves or sites:

(e) Is the site at least 1,500 feet from all surface water or groundwater intakes of a public water supply? ___YES ___NO
If "no," identify the intake(s):

(f) Please attach to this application a scaled plat map, indicating the scale, and showing
   1) the proposed unit, including the unit boundaries and the location of the proposed well site, well pad, and well;
   2) the access road;
   3) any other operating facilities;
   4) all the features described in Section 245.400(a) of the Rules and/or §1-35(b)(3) of the Act, providing the distance in feet from the surface location of the well site; and

5) all known previous well bores within 750 feet of any part of the horizontal well bore that penetrated within 400 vertical feet of the formation that will be stimulated. If any such well bores are present, include for each well bore the well name, location and permit number.

(g) Please provide an overhead sketch of the well site layout. Each square represents ____ feet. Include any significant structures such as those identified above, and the containment systems described in the containment plan for this site.

Please state how the size of the well site is sufficient to conduct all aspects of HVHHF operations within its boundaries.