

**ENVIRONMENTAL ASSESSMENT FORM**

Attachment to Drilling Permit Application



**Department of Environmental Conservation**

WELL NAME AND NUMBER \_\_\_\_\_

NAME OF APPLICANT _____	BUSINESS TELEPHONE NUMBER _____ ( ) _____
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ADDRESS OF APPLICANT \_\_\_\_\_

CITY/P.O. _____	STATE _____	ZIP CODE _____
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DESCRIPTION OF PROJECT (Briefly describe type of project or action)  
 \_\_\_\_\_  
 \_\_\_\_\_

**PROJECT SITE IS THE WELL SITE AND SURROUNDING AREA WHICH WILL BE DISTURBED DURING CONSTRUCTION OF SITE, ACCESS ROAD, AND PIT AND ACTIVITIES DURING DRILLING AND COMPLETION AT WELLHEAD.**  
 (PLEASE COMPLETE EACH QUESTION—Indicate N.A., if not applicable)

**LAND USE AND PROJECT SITE**

1. Project Dimensions. Total Area of Project Site \_\_\_\_\_ sq. ft.  
 Approximate square footage for items below:

	During Construction (sq. ft.)	After Construction (sq. ft.)
a. Access Road (length x width) _____	_____	_____
b. Well Site (length x width) _____	_____	_____

2. Characterize Project Site Vegetation and Estimate Percentage of Each Type Before Construction:

\_\_\_\_\_ % Agricultural (cropland, hayland, pasture, vineyard, etc.)      \_\_\_\_\_ % Forested      \_\_\_\_\_ % Wetlands  
 \_\_\_\_\_ % Meadow or Brushland (nonagricultural)      \_\_\_\_\_ % Non-vegetated (rock, soil, fill)

3. Present Land Use(s) Within ¼ Mile of Project (Check all that apply)

Rural     Suburban     Forest     Urban     Agricultural     Commercial     Park/Recreation  
 Industrial     Other

4. How close is the nearest residence, building, or outdoor facility of any type routinely occupied by people at least part of the day? \_\_\_\_\_ ft.  
 Describe: \_\_\_\_\_

**ENVIRONMENTAL RESOURCES ON/NEAR PROJECT SITE**

5. The presence of certain environmental resources on or near the project site may require additional permits, approvals or mitigation measures--Is any part of the well site or access road located:

a. Over a primary or principal aquifer?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not Known
b. Within 2,640 feet of a public water supply well?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not Known
c. Within 150 feet of a surface municipal water supply?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not Known
d. Within 150 feet of a lake, stream, or other public surface water body?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not Known
e. Within an Agricultural District?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not Known
f. Within a land parcel having a Soil and Water Conservation Plan?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not Known
g. In a 100 year flood plain?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not Known
h. In a regulated wetland or its 100 foot buffer zone?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not Known
i. In a coastal zone management area?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not Known
j. In a Critical Environmental Area?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not Known
k. Does the project site contain any species of animal life that are listed as threatened or endangered?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not Known
If yes, identify the species and source of information _____			
l. Will proposed project significantly impact visual resources of statewide significance?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not Known
If yes, identify the visual resource and source of information _____			

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**CULTURAL RESOURCES**

6. Are there any known archeological and/or historical resources which will be affected by drilling operations?  Yes  No  Not Known
7. Has the land within the project area been previously disturbed or altered (excavated, landscaped, filled, utilities installed)?  Yes  No  Not Known
- If answer to Number 6 or 7 is yes, briefly describe
- \_\_\_\_\_

**EROSION AND RECLAMATION PLANS**

8. Indicate percentage of project site within: 0-10% slope \_\_\_\_\_ % 10-15% slope \_\_\_\_\_% greater than 15% slope \_\_\_\_\_ %
9. Are erosion control measures needed during construction of the access road and well site?  Yes  No  Not Known  
If yes, describe and/or sketch on attached photocopy of plat
- \_\_\_\_\_
10. Will the topsoil which is disturbed be stockpiled for reclamation use?  Yes  No
11. Does the reclamation plan include revegetation?  Yes  No  
If yes, what plant materials will be used?
- \_\_\_\_\_
12. Does the reclamation plan include restoration or installation of surface or subsurface drainage features to prevent erosion or conform to a Soil and Water Conservation Plan?  Yes  No  
If yes, describe
- \_\_\_\_\_

**ACCESS ROAD SITING AND CONSTRUCTION**

13. Are you going to use existing or common corridors when building the access road?  Yes  No  
Locate access road on attached photocopy of plat.

**DRILLING**

14. Anticipated length of drilling operations? \_\_\_\_\_ days

**WASTE STORAGE AND DISPOSAL**

15. How will drilling fluids and stimulation fluids:
- a. Be contained? \_\_\_\_\_
- b. Be disposed of? \_\_\_\_\_
16. Will production brine be stored on site?  Yes  No  
If yes:  
How will it be stored? \_\_\_\_\_  
How will it be disposed of? \_\_\_\_\_
17. Will the drill cuttings and pit liner be disposed of on site?  Yes  No  
If yes, expected burial depth? \_\_\_\_\_ feet

**ADDITIONAL PERMITS**

18. Are any additional State, Local or Federal permits or approvals required for this project?  Yes  No
- |                                  | Date Application Submitted | Date Application Received |
|----------------------------------|----------------------------|---------------------------|
| Stream Disturbance Permit (DEC)  | ____ ____ ____             | ____ ____ ____            |
| Wetlands Permit (DEC or Local)   | ____ ____ ____             | ____ ____ ____            |
| Floodplain Permit (DEC or Local) | ____ ____ ____             | ____ ____ ____            |
| Other _____                      | ____ ____ ____             | ____ ____ ____            |
| _____                            | ____ ____ ____             | ____ ____ ____            |

Printed or Typed Name and Affiliation of Preparer

Printed or Typed Name of Authorized Representative (See below note)

Signature of Authorized Representative (See below note)

Date

\_\_\_\_/\_\_\_\_/\_\_\_\_

**Note: The Authorized Representative must be listed in Box 7 of the Organizational Report on file with the Division of Mineral Resources**

**Suggested Sources of Information for Division of Mineral Resources Environmental Assessment Form**

3. LAND USE  
Sources: Local Planning Office Town Supervisor's Office  
Office Town Clerk's Office
- 5a. PRIMARY OR PRINCIPAL AQUIFER  
Sources: Local unit of government NYS Department of Health  
NYSDEC, Division of Water--Regional Office  
*Availability of Water from Aquifers in New York State*--United States Geological Survey  
*Availability of Water from Unconsolidated Deposits in Upstate New York*--United States Geological Survey
- 5b. PUBLIC WATER SUPPLY  
Sources: Local unit of government NYS Department of Health  
*NYS Atlas of Community Water Systems Sources*, NYS Department of Health, 1982  
*Atlas of Eleven Selected Aquifers in New York State*, United States Geological Survey, 1982
- 5c. AGRICULTURAL DISTRICT INFORMATION  
Sources: Cooperative Extension  
DEC, Division of Lands and Forests  
NYS Department of Agriculture and Markets  
DEC, Division of Environmental Permits--Regional Office DEC, Division of Mineral Resources--Regional Office
- 5f. SOIL AND WATER CONSERVATION PLAN  
Sources: Landowner  
County Soil and Water Conservation District Office
- 5g. 100 YEAR FLOOD PLAIN  
Sources: DEC Division of Water  
DEC, Division of Environmental Permits--Regional Office DEC, Division of Mineral Resources--Regional Office
- 5h. WETLANDS  
Sources: DEC, Division of Fish and Wildlife--Regional Office DEC, Division of Mineral Resources--Regional Office
- 5i. COASTAL ZONE MANAGEMENT AREAS  
Sources: Local unit of government  
NYS Department of State, Coastal Management Program DEC, Division of Water (maps)  
DEC, Division of Environmental Permits--Regional Office
- 5k. THREATENED OR ENDANGERED SPECIES  
Sources: DEC, Natural Heritage Program--Albany  
DEC, Division of Environmental Permits--Regional Office
6. ARCHEOLOGICAL OR HISTORIC RESOURCES  
Sources: NYS Office of Parks, Recreation and Historic Preservation circles and squares map DEC, Division of Environmental Permits--Regional Office
18. ADDITIONAL PERMITS NEEDED  
Sources: DEC, Division of Environmental Permits--Regional Office DEC, Division of Mineral Resources--Regional Office NYS Office of Business Permits