



Illinois Department of Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271
www.dnr.illinois.gov

JB Pritzker, Governor
Colleen Callahan, Director

NOTICE OF INTENT TO SET ALTERNATIVE SURFACE CASING

If the Permittee elects to use an alternative surface casing procedure as authorized under 62 IAC 240.610(b) and 240.710(b) the Permittee Must:

1. Notify the District Office for the county where the well will be located.
2. Notice shall be given utilizing this form. The form is required to be completed and received in the District Office at least 24 hours prior to the commencement of drilling.
3. The Permittee's failure to notify the District Office, as required, of the intent to use an alternative casing procedure will forfeit the Permittee's option to use an alternative casing procedure and the full amount of surface casing as specified on the permit, is required to be set.

NOTICE

A Permittee's failure to notify the District Office of the intent to use an alternative surface casing procedure, and an alternative surface casing was used, will result in the issuance of a violation and an assessment of a civil penalty. In addition, the Department may revoke the permit and require the well to be plugged.

Permittee may select one of the following alternative surface casing procedures (check the box indicating the procedure to be used)

- For wells not located over a coal mined out area or gas storage field where unconsolidated material is less than 25 feet thick, no surface casing is required but a cement basket shall be set 50 feet below the base of the freshwater and the production casing either cemented to surface from total depth, or cemented from the cement basket to the surface.
- For wells not located over a coal mined out area or gas storage field where unconsolidated material is greater than 25 feet thick, surface casing is required to be set, and cemented in accordance with subsection (a), to the top of the bedrock and production casing shall be either cemented to surface from total depth or cemented from the cement basket (placed 50 feet below the base of the freshwater) to surface.
- For wells not located over a coal mined out area or gas storage field in which the total depth is less than 500 feet below the base of the fresh water, no surface casing or cement basket is required, but the production casing shall be cemented from total depth to surface.
- For UIC wells located over a coal mined out area or a gas storage field shall set and cement at least 100 feet of surface casing before drilling to the depth of the mined out area, into the mined out area or to the depth of the gas storage zone and a cement basket set 50 feet below the base of the freshwater and the production casing, cemented from the basket to the surface or, if required under Section 240.1360, a mine string set in accordance with Section 240.1360 (b).
- For PRODUCTION wells located over a coal mined out area surface casing and cement shall be set to a minimum of 40 feet or to the top of the bedrock, whichever is deeper, before drilling to the depth of the mined out area or into the mined out area; and a cement basket shall be set 50 feet below the base of the fresh water and the production casing shall be cemented from the basket to the surface or, if required under Section 240.1360, a mine string shall be set in accordance with Section 240.1360(b).
- For PRODUCTION wells located over a gas storage field at least 100 feet of surface casing and cement shall be set before drilling to the depth of gas storage zone; and a cement basket shall be set 50 feet below the base of the fresh water and the production casing shall be cemented from the basket to the surface or, if required under Section 240.1360, a mine string shall be set in accordance with Section 240.1360(b).

Drilling records, pipe Tallies drilling samples, etc. may be checked by a Department representative to verify the proper amount of surface casing has been set.

Permittee Name (print)

Telephone Number

Signature of person completing this form

Date

| POST WITH PERMIT AT LOCATION |

NOTE: All information must be completed on this form

Permit #: _____ Reference #: _____

Sec: _____ Twp: _____ Rge: _____ County: _____

Well Name: _____

**Proposed Well Construction
Using Alternative Surface Casing Procedure**

Approx. depth To top of Bedrock _____ ft.		Surface Casing Size: _____ in.
Depth to base of USDW: _____ ft.		Drill Hole Size: _____ in.
Production casing size: _____ in.		Surface Casing Depth: _____ ft.
Drill hole size: _____ in.		Depth of cement basket: _____ ft. (Must be set at least 50' Below the base of the USDW)
Proposed Total Depth: _____ ft.		

DISTRICT OFFICE
Mt. Carmel District Office
Centralia District Office
Springfield District Office

FAX #
(618) 262-2108
(618) 533-9351
(217) 524-4819

E-MAIL ADDRESS
DNR.OOGRMMtc@illinois.gov
DNR.OOGRMCent@illinois.gov
DNR.OOGRMSpfldDist@illinois.gov

DEPARTMENT USE

**ALTERNATIVE SURFACE CASING NOTICE RECEIVED
IN ACCORDANCE WITH 62 IAC 240.610(B) AND 240.710(B);**

DISTRICT OFFICE REPRESENTATIVE

Printed on recycled and recyclable paper

DATE