

**Plugging Specifications and Scope of Work**  
**Bearkamp FJ-1 (Permit #20003)**  
**Mahoning County; Ellsworth Township**  
**Landowner: Jeremy & Laurie Hornberger**

**Area Surrounding Well**

- A.** The shagbark hickory trees must not be disturbed. These trees will be clearly marked so they can be avoided.
- B.** Crushed stone will need to be temporarily placed in Meander Creek and the tributary before driving heavy equipment to the well. Rock may also need to be laid on the path from the Creek to the well site per discussions with the inspector. It is estimated that 5 tons of crushed stone will be sufficient.

**Specifics to Plugging Well**

- A.** Install a wellhead control device
- B.** All fluids shall be disposed of properly pursuant to approved oil field practices.
- C.** Install a heavy-duty pit liner with inspector approval.
- D.** Run tools to the bottom of the hole to confirm depth (approximately 410') and the condition. Clean out hole to depth approved by the inspector. This may require drilling to either get to the bottom of the hole or remove any obstructions from the well bore. If so, this activity is included in the bid.
- E.** Well will be plugged from total depth to surface by running tubing to total depth and cementing to surface with Class A cement (weight of 15.6 lbs/gal). Grout may be used in place of Class A with approval from Inspector.
- F.** During plugging, a good faith effort must be made to remove any casing that is not cemented.
- G.** Cut casing off a minimum of 30 inches below surface.
- H.** Install a steel plate with ODNR and the permit number on top of casing.
- I.** Remove all oilfield related materials from the site. Within six months after the plugging of the well, the owner or the owner's agent shall remove all production and storage structures, supplies, and equipment and any oil, salt water and debris, and fill any remaining excavations.
- J.** Restore site according to Ohio Revised Code.

**Bid Schedule**  
**Bearkamp FJ-1 (Permit #20003)**  
**Mahoning County; Ellsworth Township**  
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**Bearkamp FJ-1, Permit # 34-099-20003-0000**

	Labor	Materials	Total
Clean Out & Plug Well			
Access to Well & Restoration			
Total			

**Total Bid for Work \$\_\_\_\_\_**

**Fishing and Milling prices will not be a factor in determining the low bidder.**

In the event that fishing of rods, tubing or casing is required, provide the cost per hour - \$\_\_\_\_\_. The hourly rate includes rig time, tongs and all labor. Additionally, list the cost per foot for tubular rental - \$\_\_\_\_\_. The authority to do this operation will be approved by the division inspector and paid at the above rate. Required rental equipment will be considered a negotiated extra and will be reimbursed to the contractor at actual cost.

In the event that milling is required, provide the cost per hour - \$\_\_\_\_\_. The hourly rate includes rig time, mud pump, power swivel and all labor. The authority to do this operation will be approved by the division inspector and paid at the above rate. Required rental equipment will be considered a negotiated extra and will be reimbursed to the contractor at actual cost.

**SUBMITTED BY:** \_\_\_\_\_

**REPRESENTING:** \_\_\_\_\_