

HARNETT COUNTY DEPARTMENT OF PUBLIC HEALTH
Well Abandonment Permit

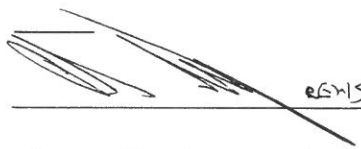
Permit Number: _____ Application Number: EH1903-0005 Applicant Name: Thomas Connelly

Address: 420 Leslie Rd, Sanford NC 27332

Type of Well: Hand Dug Total Dept: 25' Diameter: 36" Grouted: Unknown Static Water Level: 22'

Directions to Site:

Agent of the State _____



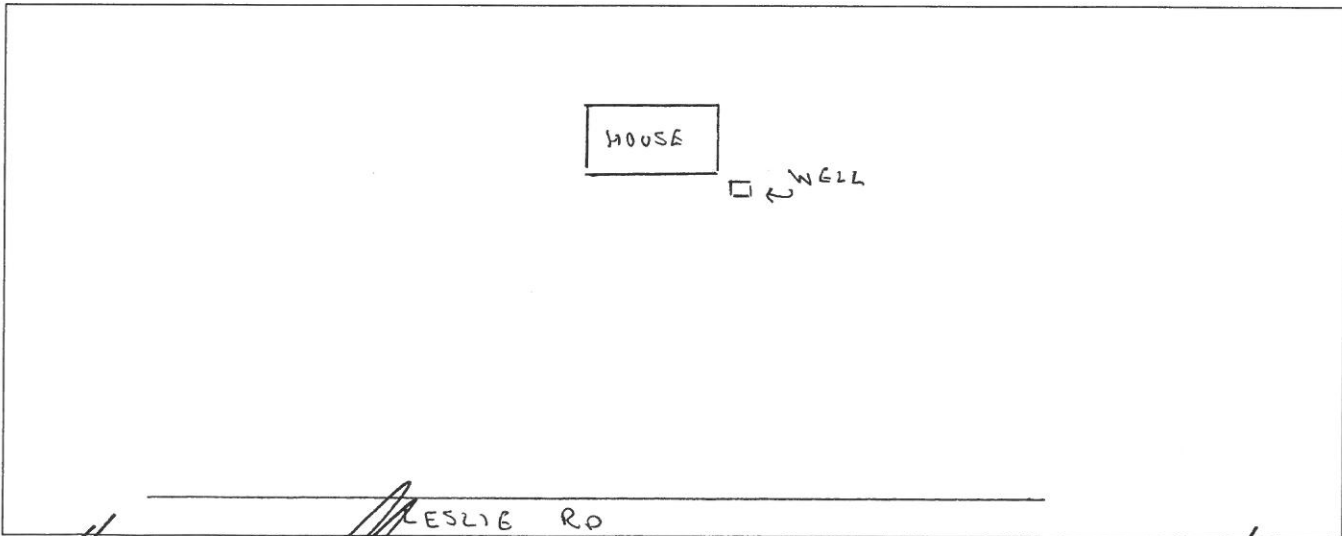
ES-15

Date: 4/5/19

Abandonment Procedure: Abandonment Procedure: 1. Remove all plumbing or piping into the well, along with any obstructions inside the well; 2. Remove as much of the well tile casing as possible, but no less than to a depth of three feet below land surface; 3. remove all soil or other subsurface material present down to the top of the remaining well casing, and extending to a width of at least 12 inches outside of the well casing on all sides; 4. Using 5 oz. of hypochlorite solution (such as HTH), disinfect the well in accordance with 15A NCAC 2C .0111 of this Subchapter. Do not use a common commercial household liquid bleach, as this is too weak a solution to ensure proper disinfection; 5. Fill the well up to the top of the remaining casing with cement grout, concrete grout, bentonite grout, dry clay, or material excavated during drilling of the well and then compacted in place; 6. Pour a one foot thick concrete grout or cement grout plug that fills the entire excavated area about the top of the casing, including the area extending on all sides of the casing out to a width of at least 12 inches on all sides; 7. Complete the abandonment process by filling the remainder of the well above the concrete or cement plug with additional concrete grout, cement grout, or soil.

Note: Contact Harnett County Environmental Health for appointment prior to beginning of well abandonment procedure.

Well must be abandoned by a Certified North Carolina well driller/contractor.



Property Owner's or Owners Legal Representative Signature Required

Date

Thomas Connelly

4/5/19