

HARNETT COUNTY DEPARTMENT OF PUBLIC HEALTH Well Abandonment Permit

Permit Number: 4 Application Number: Applicoant Name: James M. Smith

Address: 676 Raford Rd. Erwin, N.C. 28339

Type of Well: Bored Total Dept: 23' Diameter: 24" Grouted: NO Static Water Level: 14' from top of casing

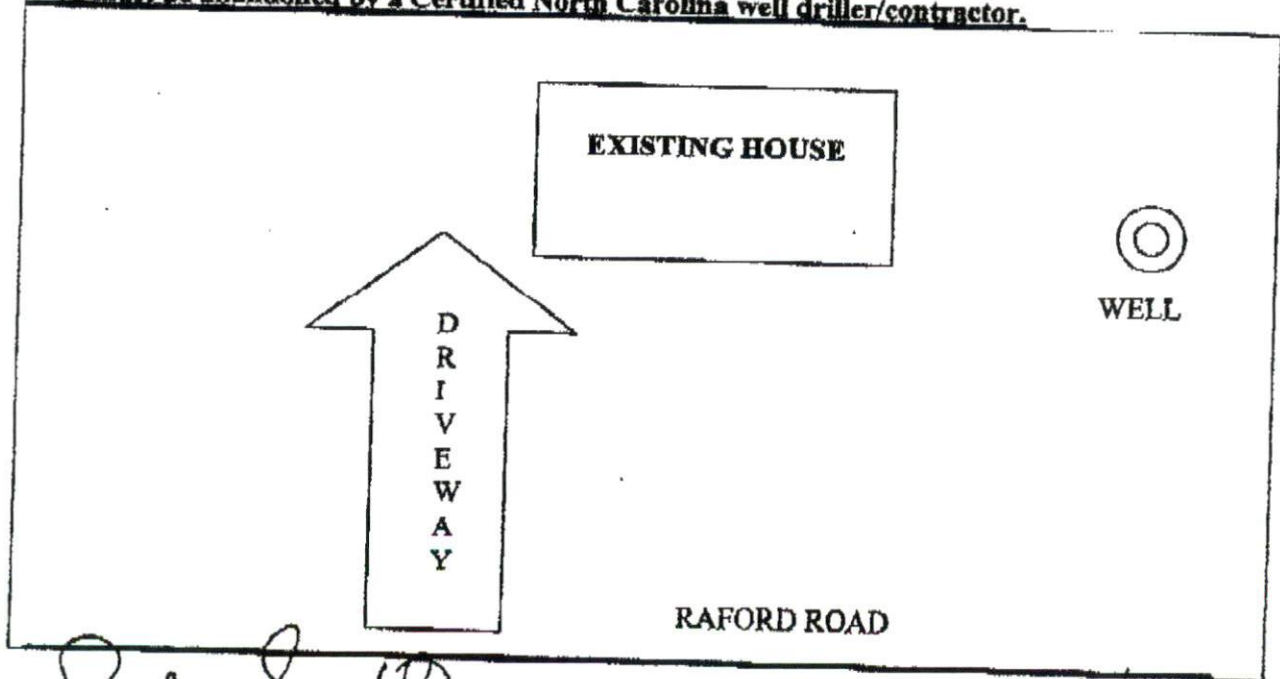
Directions to Site: 421 to Erwin turn right to Hwy 82 turn left go straight on Antioch Ch. Rd. turn left on Raford Rd.

Agent of the State *Bryan M. Smith* Date: 11/5/2008

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 a possible, but no les 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 4.0 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 sided 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.



Rick Lamb

11/5/08

Property Owner's or Owners Legal Representative Signature Required

Date



WELL ABANDONMENT RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3474

1. WELL CONTRACTOR:
Justin Barefoot
 Well Contractor (Individual) Name
Barefoot's Well Drilling
 Well Contractor Company Name
 STREET ADDRESS 72 Randall Circle
Newton Grove NC 28366
 City or Town State Zip Code
919-291-5082
 Area code - Phone number

2. WELL INFORMATION:
 SITE WELL ID # (if applicable) _____
 STATE WELL PERMIT # (if applicable) _____
 COUNTY WELL PERMIT # (if applicable) _____
 DWQ or OTHER PERMIT # (if applicable) _____
 WELL USE (Check applicable use): Monitoring Residential
 Municipal/Public Industrial/Commercial Agricultural
 Recovery Injection Irrigation
 Other (list use) _____

3. WELL LOCATION:
 COUNTY Harnett QUADRANGLE NAME _____
 NEAREST TOWN: Erwin
676 Ralston Rd. Erwin 28335
 (Street/Road Name, Number, Community, Subdivision, Lot No., Parcel, Zip Code)
 TOPOGRAPHIC / LAND SETTING:
 Slope Valley Flat Ridge Other
 (Check appropriate setting)
 LATITUDE 35° 18.799'N May be in degrees, minutes, seconds, or in a decimal format
 LONGITUDE 78° 39.522'W
 Latitude/longitude source: GPS Topographic map
 (Location of well must be shown on a USGS topo map and attached to this form if not using GPS.)

4a. FACILITY. The name of the business where the well is located. Complete 4a and 4b. (If a residential well, skip 4a; complete 4b, well owner information only.)
 FACILITY ID # (if applicable) _____
 NAME OF FACILITY _____
 STREET ADDRESS _____
 City or Town State Zip Code

4b. CONTACT PERSON/WELL OWNER:
 NAME James M Smith
 STREET ADDRESS 676 Ralston Rd
Erwin NC 28335

5. WELL DETAILS:
 a. Total Depth: 23' ft. Diameter: 24 in.
 b. Water Level (Below Measuring Point): 14 ft.
 Measuring point is level ft. above land surface.

6. CASING: Length Diameter
 a. Casing Depth (if known): _____ ft. _____ in.
 b. Casing Removed: 4 ft. 24 in.

7. DISINFECTION: 1 pound
 (Amount of 65%-75% calcium hypochlorite used)

8. SEALING MATERIAL:
Sand Cement Sand Cement
 Cement _____ lb. Cement 120 lb.
 Water _____ gal. Water 18 gal.
Bentonite
 Bentonite _____ lb.
 Type: Slurry Pellets
 Water _____ gal.
Other:
 Type material Sand Clay mix
 Amount _____

9. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL:
pumped water out
put soil to it then
concrete the rest of
the way

10. WELL DIAGRAM: Draw a detailed sketch of the well on the back of this form showing total depth, depth and diameter of screens (if any) remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

11. DATE WELL ABANDONED 12-8-08

I DO HEREBY CERTIFY THAT THIS WELL WAS ABANDONED IN ACCORDANCE WITH 15A NCAC 2C. WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Justin Barefoot 12-8-08
 SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

SIGNATURE OF PRIVATE WELL OWNER ABANDONING THE WELL DATE
 (The private well owner must be an individual who personally abandons his/her residential well in accordance with 15A NCAC 2C .0113.)
Justin Barefoot
 PRINTED NAME OF PERSON ABANDONING THE WELL