

C1 0726

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER PETRY, MICHAEL STREET OR RFD 7217 TALL PINE WAY TOWN SIMPSONVILLE

WELL LOG Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Brown Shale, Brown Mica, Gray Mica opening, and Gray Mica.

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED YES NO

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION"

DRILLERS LIC. NO. 1 MWD 040 DRILLERS SIGNATURE

LIC. NO. 1 JSD 038

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL (CM, BC) NO. OF BAGS 6 NO. OF POUNDS 300

CASING RECORD MAIN CASING TYPE PL Nominal diameter top (main) casing 6 Total depth of main casing 81

SCREEN RECORD screen type or open hole (ST, BR, HO) insert appropriate code below

OTHER CASING (if used) diameter inch depth (feet) from to

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

DEPTH (nearest ft.) 80 300

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 8 9 PUMPING RATE (gal. per min.) 11 15 METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface)

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) YES NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29

CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot)

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

See plat

C1 0733 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER

1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY DATE Received MM DD YY 07 13 07

DATE WELL COMPLETED 6/28/07 Depth of Well 22 300 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-95-1138

OWNER PETRY MICHAEL STREET OR RFD 7217 TOWN SUBDIVISION SECTION LOT 274

WELL LOG Not required for driven wells

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes handwritten entries: Top Soil, Brown Shale, Brown Mica, Gray Mica, Brown Mica, Gray Mica.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL (CEMENT/BENTONITE CLAY) NO. OF BAGS/POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL

CASING RECORD

MAIN CASING TYPE (PL) Nominal diameter (6), Total depth (80)

OTHER CASING (if used) diameter, depth

SCREEN RECORD

screen type or open hole (ST, BR, HO, PL, OT)

C 3 PUMPING TEST

HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, TYPE OF PUMP USED

PUMP INSTALLED

DRILLER INSTALLED PUMP (YES/NO), TYPE OF PUMP INSTALLED, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED, E ELECTRIC LOG OBTAINED, P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS LIC. NO. MW D 040 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. JS D 038

Table with columns: E A C H S R E E N, DEPTH (nearest ft.), DIAMETER OF SCREEN

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q TELESCOPE CASING LOG INDICATOR OTHER DATA

C1 0734

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER: Petry, Michael; STREET OR RFD: 7217 TAIL PINE WAY; TOWN; SUBDIVISION; SECTION 1; LOT 3, 4

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Brown Shale, Brown Mica, Gray Mica, opening, Gray Mica.

Installed loop & back filled with bentonite

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N); TYPE OF GROUTING MATERIAL (CEMENT, BENTONITE CLAY); NO. OF BAGS; NO. OF POUNDS; GALLONS OF WATER; DEPTH OF GROUT SEAL

CASING RECORD

MAIN CASING TYPE (PL); Nominal diameter top (main) casing; Total depth of main casing

OTHER CASING (if used) diameter inch; depth (feet) from to

screen type or open hole

SCREEN RECORD

SCREEN RECORD (ST, BR, HO, PL, OT)

DEPTH (nearest ft.)

Table with columns: E, A, C, H, S, C, R, E, E, N; rows for depth intervals and slot size.

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)

TELESCOPE CASING; LOG INDICATOR; OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED; PUMPING RATE; METHOD USED TO MEASURE PUMPING RATE; WATER LEVEL; TYPE OF PUMP USED

PUMP INSTALLED

DRILLER INSTALLED PUMP; TYPE OF PUMP INSTALLED; CAPACITY; PUMP HORSE POWER; PUMP COLUMN LENGTH; CASING HEIGHT

LOCATION OF WELL ON LOT; SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

E ELECTRIC LOG OBTAINED; P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION"

DRILLERS LIC. NO.: MD 040; DRILLERS SIGNATURE: George F. Kusterley

LIC. NO.: JS D 038; DRILLER SIGNATURE: Bruce Thompson

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

C1 0735

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

MM DD YY 07 13 07

MM DD YY 6/28/07

22 300 26 (TO NEAREST FOOT)

HO - 95 - 1138

OWNER: PERRY, MICHAEL STREET OR RFD: 7217 TALL PINE WAY TOWN: SECTION: LOT: 474

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed) FEET FROM TO check if water bearing

Table with columns: DESCRIPTION, FEET FROM, FEET TO, check if water bearing. Rows: Top Soil (0-2), Brown Shale (2-10), Brown Mica (10-65), Gray Mica (65-300). Includes handwritten note: 'Installed loop & backfilled with Bentonite slurry'.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES [Y] NO [N]

TYPE OF GROUTING MATERIAL (Circle one) CEMENT [CM] BENTONITE CLAY [BC]

NO. OF BAGS: 5 NO. OF POUNDS: 2500

GALLONS OF WATER: 150 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 69 ft.

CASING RECORD

MAIN CASING TYPE: PL Nominal diameter top (main) casing (nearest inch): 6 Total depth of main casing (nearest foot): 71

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD

screen type or open hole: PL (insert appropriate code below) STEEL [ST] BRASS [BR] OPEN HOLE [HO] BENTONITE [PL] OTHER [OT]

DEPTH (nearest ft.)

Table with columns: E A C H S R E N, 8 9 11 15 17 21, 23 24 26 30 32 36, 38 39 41 45 47 51. Includes slot size and diameter of screen information.

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 8 9

PUMPING RATE (gal. per min.) 15

METHOD USED TO MEASURE PUMPING RATE

WATER LEVEL (distance from land surface)

BEFORE PUMPING 17 20 ft.

WHEN PUMPING 22 25 ft.

TYPE OF PUMP USED (for test)

[A] air [P] piston [T] turbine [C] centrifugal [R] rotary [O] other [J] jet [S] submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) YES [] NO [X]

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29.

CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height) [X] above [] below LAND SURFACE 50 51 (nearest foot)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED yes [Y] no [N]

CIRCLE APPROPRIATE LETTER

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED ELECTRIC LOG OBTAINED TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. 1 M W D 040 George F. Eusterman DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 J S D 038 Bruno G. ...

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

TELESCOPE CASING LOG INDICATOR OTHER DATA

B 1 3265

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type 526717

STATE PERMIT NUMBER 410-95-1138 fill in this form completely

OWNER INFORMATION Date Received (APA) 05 21 07 OWNERS: PETRY MICHAEL 7217 TALL PINE WAY CLARKSVILLE, MD 21029-1708

LOCATION OF WELL Howard 21 COUNTY This is down 23 SUBDIVISION Simpsonville 52 NEAREST TOWN 1 MILE FROM TOWN

DRILLER INFORMATION George F. Easterday M 040 Driller's Name License No. L. Franklin Easterday, Inc. Firm Name 9265 Brown Church Rd., MT. Airy, Md. 21771 Address George F. Easterday Signature Date 5/11/2007

7217 Tall Pine Way 11 NEAR WHAT ROAD 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD FT. 50 ENTER FT OR MI 38 39 TAX MAP: 41 BLK: 2 PARCEL 276

WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard A37253 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 6/5/07 CO SIGNATURE EXP. DATE 6/5/08 NORTH GRID 491 000 EAST GRID 823 000

USE FOR WATER (CIRCLE APPROPRIATE BOX) [D] DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION [F] FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) [I] INDUSTRIAL, COMMERCIAL, DEWATERING [P] PUBLIC WATER SUPPLY WELL [T] TEST, OBSERVATION, MONITORING [G] GEO-THERMAL

APPROXIMATE DEPTH OF WELL 300 FEET APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST TOWN

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. wells 2. wells 3. wells WRITE THE BOX NUMBER FROM THE MAP HERE E 820 3 N 491 1

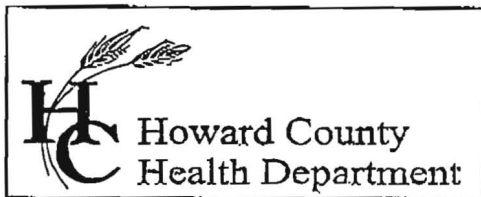
METHOD OF DRILLING (circle one) BORED (or Augered) AIR-ROTary CABLE JETTED AIR-PERcussion REVerse-ROTary Jetted & DRIVEN ROTARY (Hydraulic Rotary) DRive-POINT other

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) [N] THIS WELL WILL NOT REPLACE AN EXISTING WELL [Y] THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED [S] THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS [D] THIS WELL WILL DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 14 H 12 Simpsonville Meadow road way

Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER G PERMIT No. 410-95-1138

SPECIAL CONDITIONS NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED Using Bentons Shred



7178 Columbia Gateway Drive, Columbia, MD 21046

(410) 313-2640 Fax (410) 313-2648

TDD (410) 313-2323 Toll Free 1-866-313-6300

website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

TO ALL INTERESTED PARTIES

When submitting a well permit application for a proposed well for new construction, please indicate one of the following:

Well Site Location:

7217 Hill Pine Way Lot# - Michael Petry
Subdivision/Property Name Lot# Road Name

The well site has been staked by driller,
(professional land surveyor or company employing professional land surveyors)
on 5/10/07 (date) and does not require a site inspection.

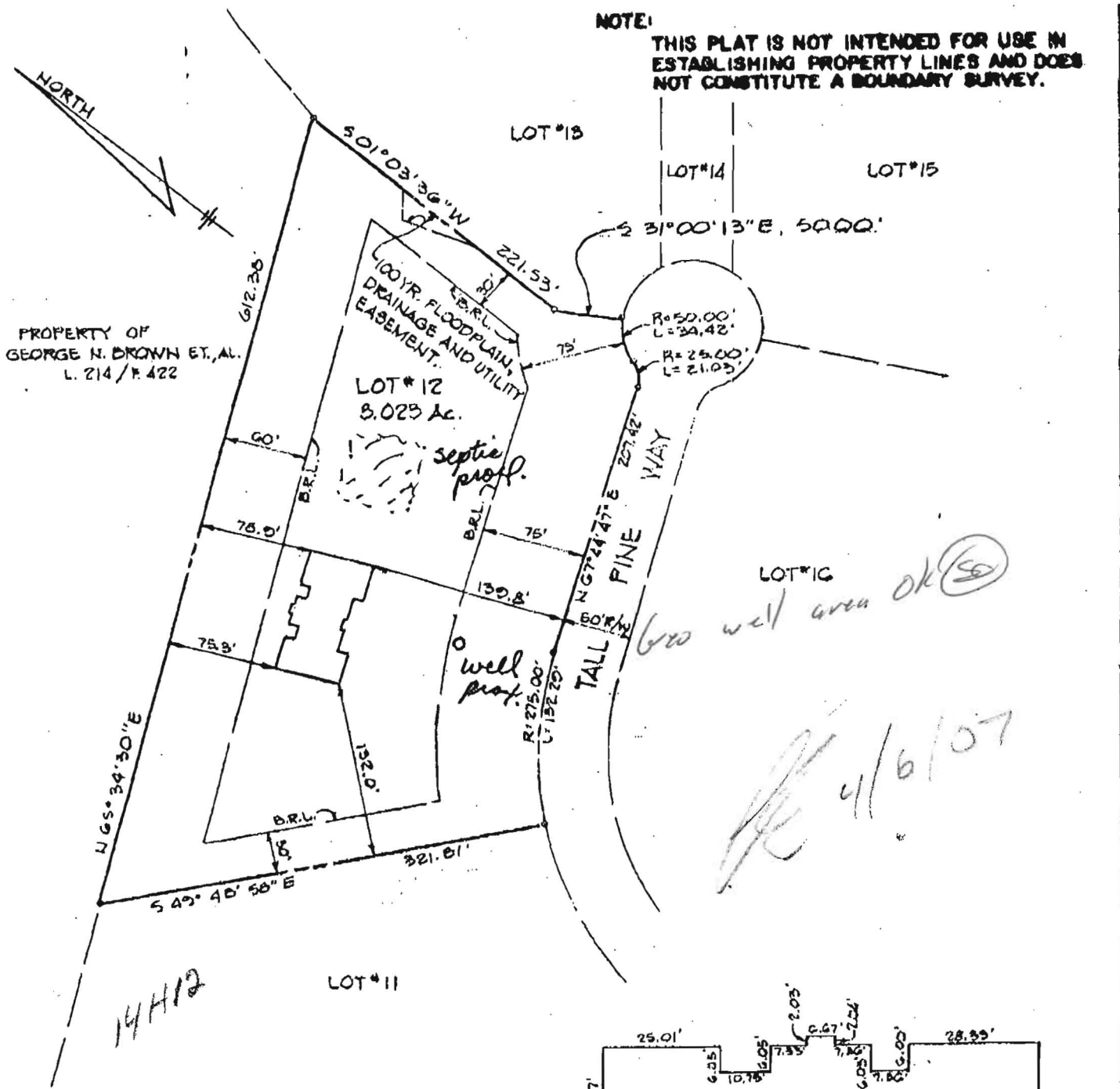
The well driller, builder or property owner will call the Health Department to schedule a time to meet in the field to verify the proposed well site location.

This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.

Revised 3/11/05

NOTE:

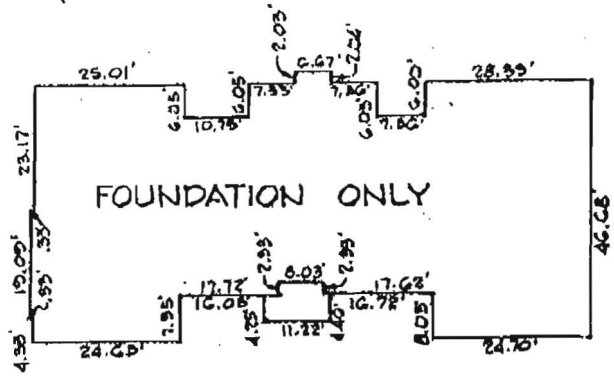
THIS PLAT IS NOT INTENDED FOR USE IN ESTABLISHING PROPERTY LINES AND DOES NOT CONSTITUTE A BOUNDARY SURVEY.



PROPERTY OF GEORGE N. BROWN ET. AL. L. 214 / P. 422

LOT#16
Good well area OK (S)

4/6/07



subsidary
Patton - Harris Rule

Lee Draught



THIS IS TO CERTIFY THAT I HAVE SURVEYED THE PROPERTY SHOWN HEREON FOR THE PURPOSE OF LOCATING THE IMPROVEMENTS ON SAID PROPERTY AND THAT THE IMPROVEMENTS ARE LOCATED AS SHOWN.

From: sara easterday <hepsabah@yahoo.com>
To: <soster@howardcountymd.gov>
Date: 5/30/2007 10:26 AM
Subject: 7217 Tall Pine Way

Hello Stuart,

The geothermal wells for Michael Petry will grouted with bentonite slurry. The geo thermal wells will be between the domestic well and the house about 50 ft from the domestic well.

Please let me know if you need any further information.

Thanks,

Sara

Mom of lots
Grandma of too many to count