

C-1 4150

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 MM DD YY 10 7 10

Depth of Well 22 305 26 3 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-95-1612

OWNER FUZZ (SKID) STEPHEN STREET OR RFD 5550 MONTGOMERY RD TOWN ELLICOTT CITY SUBDIVISION MILLS PROPERTY SECTION LOT

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 (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Includes entries for Dirt, Clay (white), Clay (tan), Soft Green, Med Hard Clay, Hard Clay, and Med Hard Clay.

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 15 NO. OF POUNDS 750. GALLONS OF WATER 375. DEPTH OF GROUT SEAL (to nearest foot) from 2 ft. to 305 ft.

CASING RECORD

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot). Includes checkboxes for STEEL, CONCRETE, PLASTIC, OTHER.

OTHER CASING (if used)

Table for OTHER CASING with columns for diameter (inch) and depth (feet).

SCREEN RECORD

screen type or open hole (insert appropriate code below) ST STEEL, BR BRASS, HO OPEN HOLE, PL PLASTIC, OT OTHER.

C 2

DEPTH (nearest ft.)

Table for DEPTH with columns for diameter of screen (NEAREST INCH) and slot size (1, 2, 3).

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

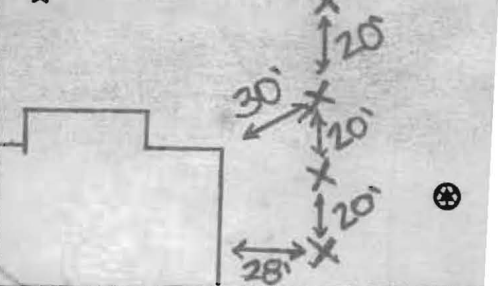
HOURS PUMPED (nearest hour) 8. PUMPING RATE (gal. per min.) 11. METHOD USED TO MEASURE PUMPING RATE. WATER LEVEL (distance from land surface) BEFORE PUMPING 17 ft. WHEN PUMPING 22 ft. TYPE OF PUMP USED (for test) C centrifugal, S submersible.

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. PUMP HORSE POWER 37. PUMP COLUMN LENGTH (nearest ft.) 41. CASING HEIGHT (circle appropriate box and enter casing height) + above, - below. LAND SURFACE (nearest foot) 49.

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 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" 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 355

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 MW D 553

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

301-206-5070

EMERGENCY/TEMP NO. IF ANY

B 1	0503	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 528878 please type	STATE PERMIT NUMBER Ho-95-1612 fill in this form completely
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Date Received (APA) _____

OWNER INFORMATION

8 MM DD YY 13
 15 Last Name First Name 34
 36 Street or RFD 55
 57 Town 70 State 72 Zip 76

Fultz, Skip
 8039 Laurel Lakes Court
 Laurel, MD 20707

B 3 LOCATION OF WELL

8 COUNTY 21
 23 SUBDIVISION 42
 SECTION 44 46 LOT 48 50
 52 NEAREST TOWN 71

Howard
 Miles Property
 Ellicott City

DRILLER INFORMATION

Driller's Name 76 License No. 81
 Firm Name
 Address
 Signature Date

Michael Barlow MW D 355
 Barlow Well Drilling Service
 522 Underwood Ln, Bel Air, Md
 3-18-08

B 4

1 2
 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

11 NEAR WHAT ROAD 30
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 34 37
 DISTANCE FROM ROAD ENTER FT OR MI 38 39
 TAX MAP: 31 BLK: 21 PARCEL 755

5550 Montgomery Rd
 750
 31 21 755

B 2 WELL INFORMATION

1 2
 APPROX. PUMPING RATE (GAL. PER MIN.) 8 12
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20

0
 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

4-300'

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard (13) A5/8005-C
 COUNTY NAME COUNTY NO.
 STATE SIGNATURE INSERT S →
 DATE ISSUED 4/17/2008 Brian Baber 4/17/2009
 43 MM DD YY 48 CO SIGNATURE EXP DATE
 NORTH GRID 504 000 EAST GRID 860 000
 50 55 57 63

APPROXIMATE DEPTH OF WELL 24 28 FEET
 300

APPROXIMATE DIAMETER OF WELL NEAREST INCH
 6

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN
 30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
 37 CABLE REVERSE-ROTary DRIVE-POINT
 other _____

REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41 _____ 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER _____ G _____
 PERMIT No. Ho-95-1612
 70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER
 1.
 2.
 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 860
 N 504

000
 000

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

Montgomery Rd
 Karger Rd
 X

SPECIAL CONDITIONS Upgrade Existing Well to Meet State and Local Regulations - Existing Well To Be Used For Irrigation Only

DENV-Permit 97



Providing Quality Systems for Over 20 Years
Commercial & Residential Water Well Drilling
Test Borings & Consulting • Geothermal Drilling & Systems
NGWA & IGSHA Certified

Mr. Brian Baker
Howard County Health Department
7178 Columbia Gateway
Columbia, MD 21046
Phone: (410) 313-2640
Fax: (410) 313 2648

Subject: Existing well at 5550 Montgomery Road

Dear Mr. Baker,

In reference to Mr. Skip Fultz at 5550 Montgomery Road in Howard County Maryland, we have been contracted to extend the casing and install the approved cap and miscellaneous fittings and or work in order to bring the existing well to Comar regulations. If you have any questions or would like to discuss this matter any further please feel free to contact me at my office.

Sincerely,

Michael Barlow



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Test Borings & Consulting • Geothermal Drilling & Systems
NGWA & IGSHA Certified

July 21, 2008

Mr. Brian Baker
Howard County Health Department
7178 Columbia Gateway
Columbia, MD 21046
Phone: (410) 313-2640
Fax: (410) 313 2648

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Sincerely,

Michael Barlow

April 23,2008

Howard County Health Department
Department of Environment
Ellicott City, Maryland

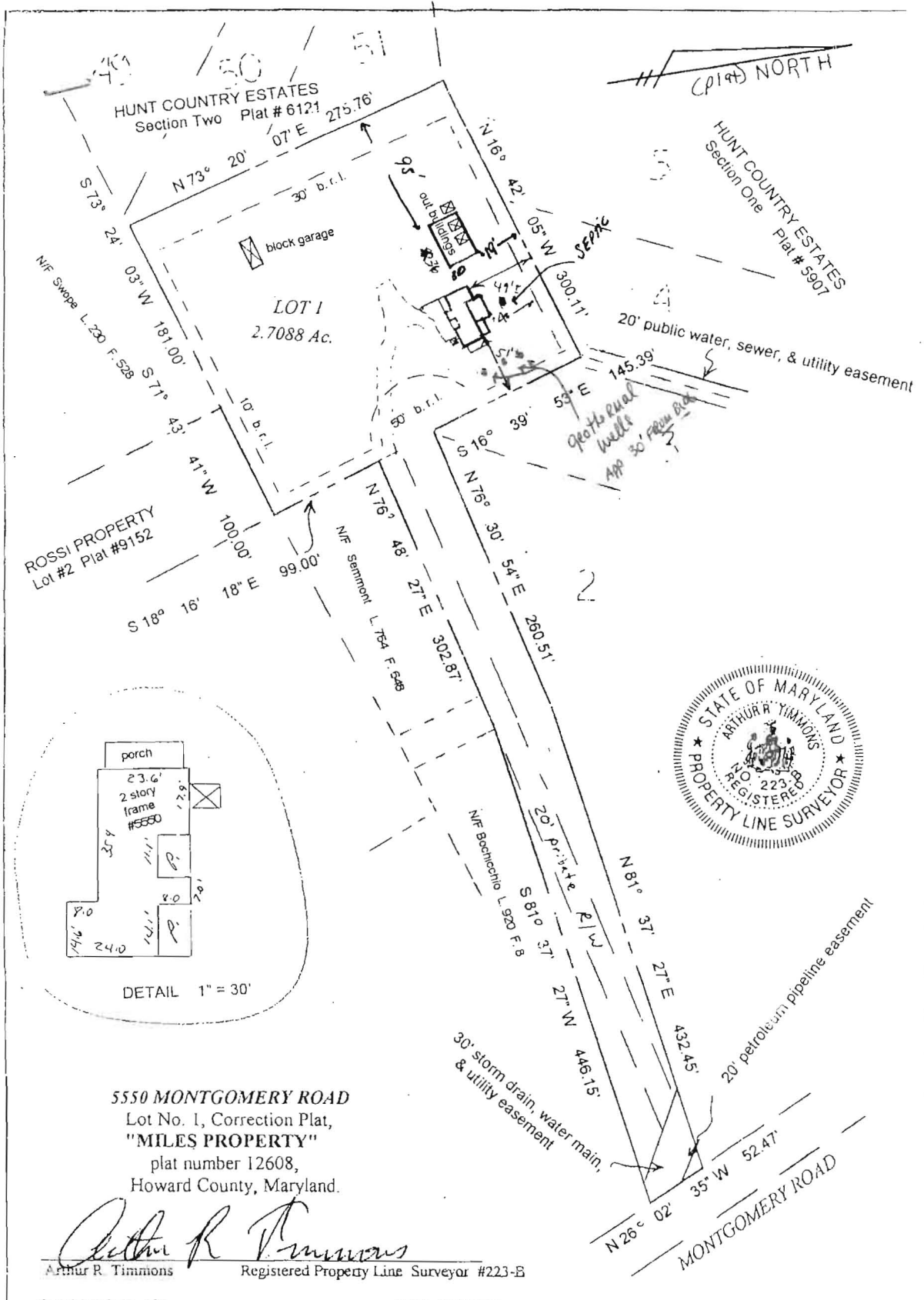
Attention : To whom it may concern:

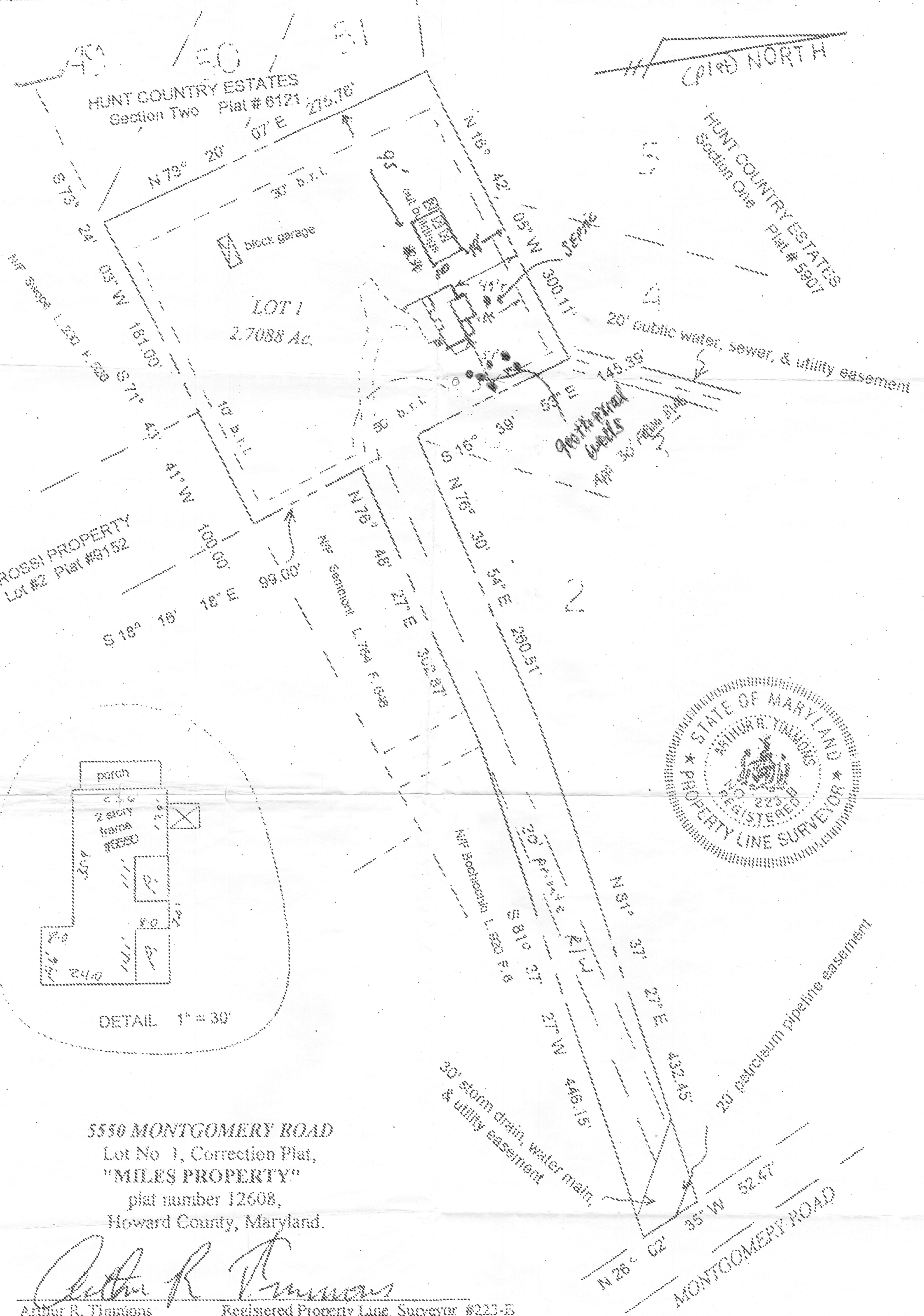
I am in the process of obtaining a permit for drilling (4) geothermal bores at my property located @ 5550 Montgomery Road, Ellicott City, Maryland 21043. I would like to locate the geothermal bores at least 50 feet or more but less than 100 from my septic system. I believe you have the current land plat which indicates the location of the bores.

If you have any questions, please call me at 301-580-6431. Thank you for your consideration in this matter.

Sincerely,

Stephen R. Fultz (OWNER)
5550 Montgomery Road
Ellicott City, Maryland 21043
301-580-6431





5550 MONTGOMERY ROAD
 Lot No 1, Correction Plat,
 "MILES PROPERTY"
 plat number 12608,
 Howard County, Maryland.

Arthur R. Timmons
 Arthur R. Timmons Registered Property Line Surveyor #223-B

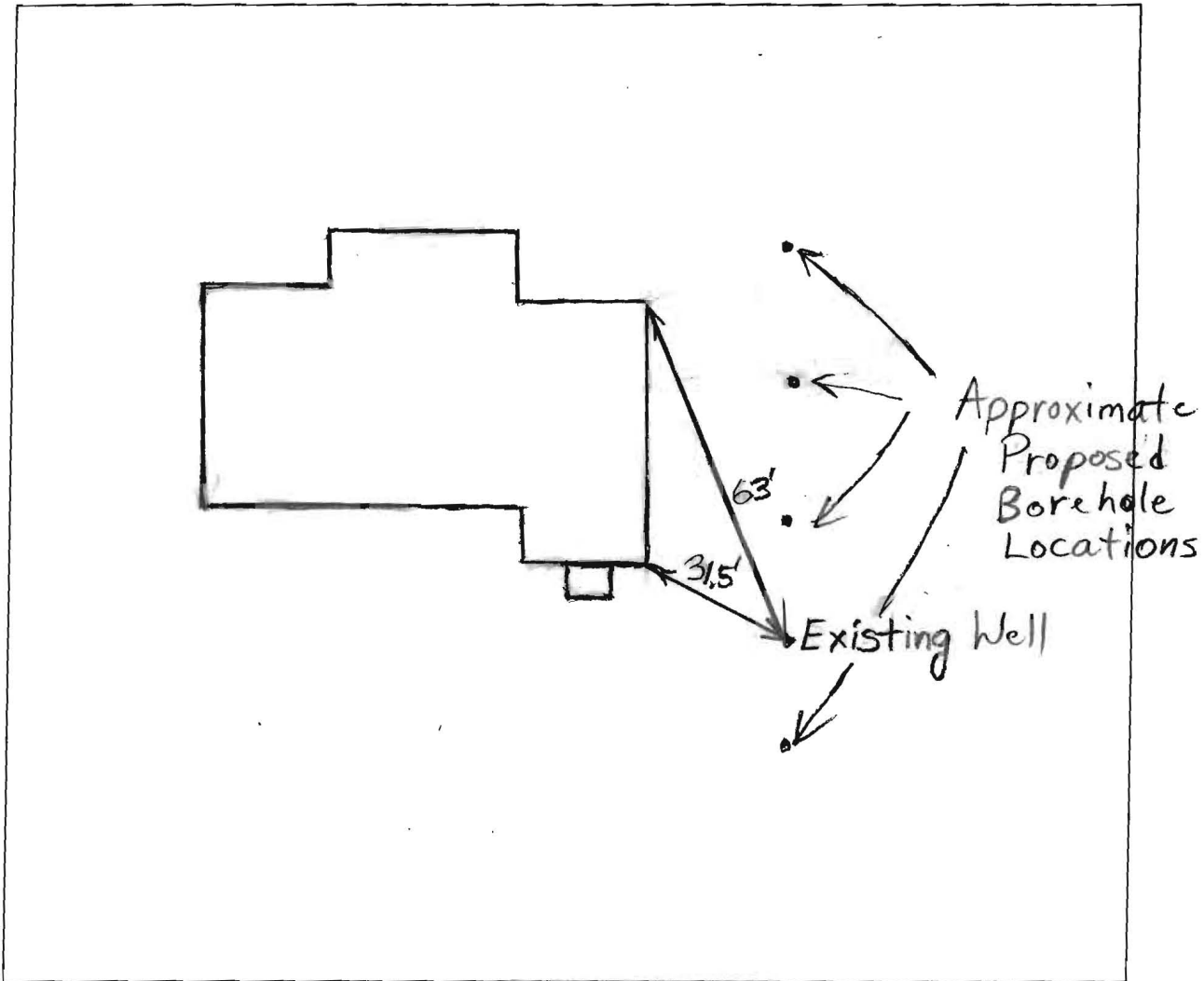
FLOOD ZONE "C"

FILE NO. 12608

SITE INSPECTION SHEET

OWNER: Stephen Fultz PHONE #: _____
ADDRESS: 5550 Montgomery Rd. CONTRACTOR: _____
WELL TAG #: _____
SUBDIVISION: Miles LOT: 1 COUNTY #: _____
PROPOSAL: 4 Geothermal Boreholes

LOCATION DIAGRAM



COMMENTS: 6/20/08 Met property owner at site. Property connected to public water and sewer. Septic system filled in per owner. Owner wants to keep existing well for irrigation. Keep geothermal boreholes at

DATE: _____ INSPECTOR: _____

least 25' from existing well. Upgrade existing well and use for irrigation only. (BB)