

B 1 **10641**

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-95-2460
fill in this form completely

544443 please type

Date Received (APA)

12/17/12

OWNER INFORMATION

8 MM DD YY 13

GNATT Owner **Lewis** First Name

4089 Fragile Sail Way Street or RFD

Ellicott City MD 21042 Town State Zip

B 3

LOCATION OF WELL

Howard COUNTY

Dorsey Hall SUBDIVISION

SECTION **44** LOT **48**

Ellicott City NEAREST TOWN

DRILLER INFORMATION

Edward Gross Driller's Name **MWD 580** License No.

Long Green Drilling 410-409-2260 Firm Name

2109 Emmorton Park Rd #107 Ellicott City MD 21040 Address

[Signature] Signature **12/17/12** Date

B 4

SOURCES OF DRILLING WATER

- 1. **Public**
- 2.
- 3.

4089 Fragile Sail Way STREET ADDRESS
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH
 WEST
 EAST
 SOUTH
DISTANCE FROM ROAD **200** FT
ENTER FT OR MI
TAX MAP: **24** BLK: **21** PARCEL **1148**

B 2 WELL INFORMATION

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

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
- FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- INDUSTRIAL, COMMERCIAL, DEWATERING
- PUBLIC WATER SUPPLY WELL
- TEST, OBSERVATION, MONITORING
- OPEN LOOP GEOTHERMAL
- CLOSED LOOP GEOTHERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME **Public** COUNTY NO.
STATE SIGNATURE _____ INSERT S
DATE ISSUED **1/7/2013** **Bruce Baker** 1/7/2014
CO SIGNATURE EXP. DATE

APPROXIMATE DEPTH OF WELL **320'** FEET

APPROXIMATE DIAMETER OF WELL **6"** NEAREST INCH

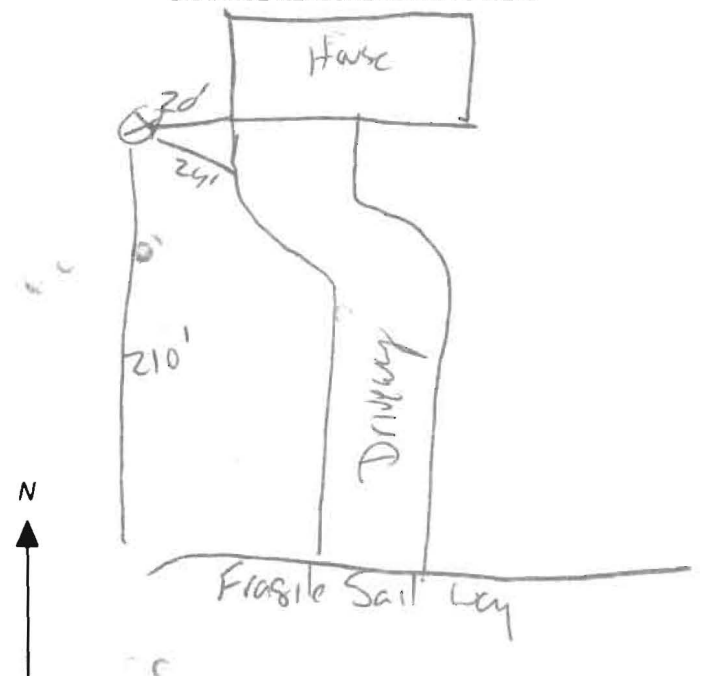
METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN
- AIR-ROTary** AIR-PERCussion ROTARY (Hydraulic Rotary)
- CABLE REVerse-ROTary Drive-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL
 - THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 - THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
 - THIS WELL WILL DEEPEM AN EXISTING WELL
- PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) **41** **52**

PROPOSED LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURES SUCH AS BUILDINGS, SEPTIC SYSTEM, ROADS AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCE MEASUREMENTS TO WELL



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

APPROX. PERMIT NUMBER **G**
PERMIT No. **HO-95-2460**

SPECIAL CONDITIONS **~15 Bags Per Borehole (Bentonite)**

C1 14246

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, WELL SITE ADDRESS, SUBDIVISION, 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, FEET (FROM, TO), check if water bearing. Includes handwritten entries like 'mossy shiff', 'Brown fine', 'Sandy micaceous silt', 'Reddy weathered Rock', 'Rock', '2x Geotherm'.

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, Nominal diameter top (main) casing, Total depth of main casing, OTHER CASING (if used)

SCREEN RECORD

screen type or open hole, DEPTH (nearest ft.), SLOT SIZE, DIAMETER OF SCREEN

C3

PUMPING TEST

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

PUMP INSTALLED

DRILLER INSTALLED PUMP, IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS, TYPE OF PUMP INSTALLED, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT

C2

NUMBER OF UNSUCCESSFUL WELLS, WELL HYDROFRACTURED

CIRCLE APPROPRIATE LETTER A, E, P

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

DRILLERS LIC. NO., DRILLERS SIGNATURE

LIC. NO.

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)

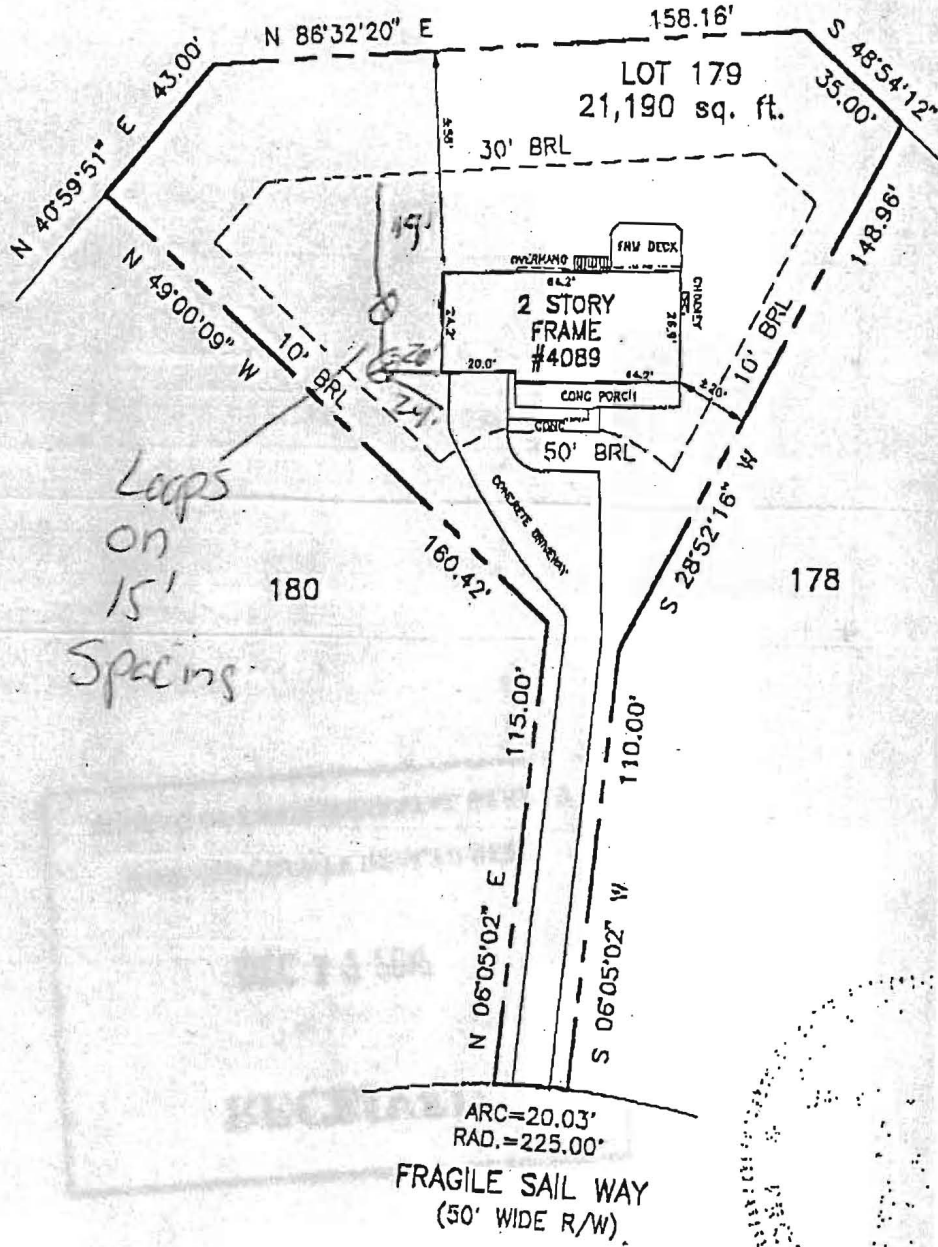
TELESCOPE CASING, LOG INDICATOR, OTHER DATA

LATITUDE 39.261503, LONGITUDE 76.838233 (DEFAULT COORD. WGS 84)

NOTES:

100 YR. FLOOD PLAIN
& DRAINAGE ESMT.

NORTH



PROPERTY ADDRESS: 4089 FRAGILE SAIL WAY		THE PROPERTY SHOWN HEREON IS LOCATED IN ZONE C (FLOODING) ACCORDING TO NATIONAL FLOOD INSURANCE COMMUNITY PANEL NO. 240044 0023 B AS REVISED 12
CERTIFICATE		REFERENCES
I HEREBY DECLARE THAT THE POSITION OF ALL		
		PIAT RK CMP 4571



DEC-12-2012 15:58

DOD

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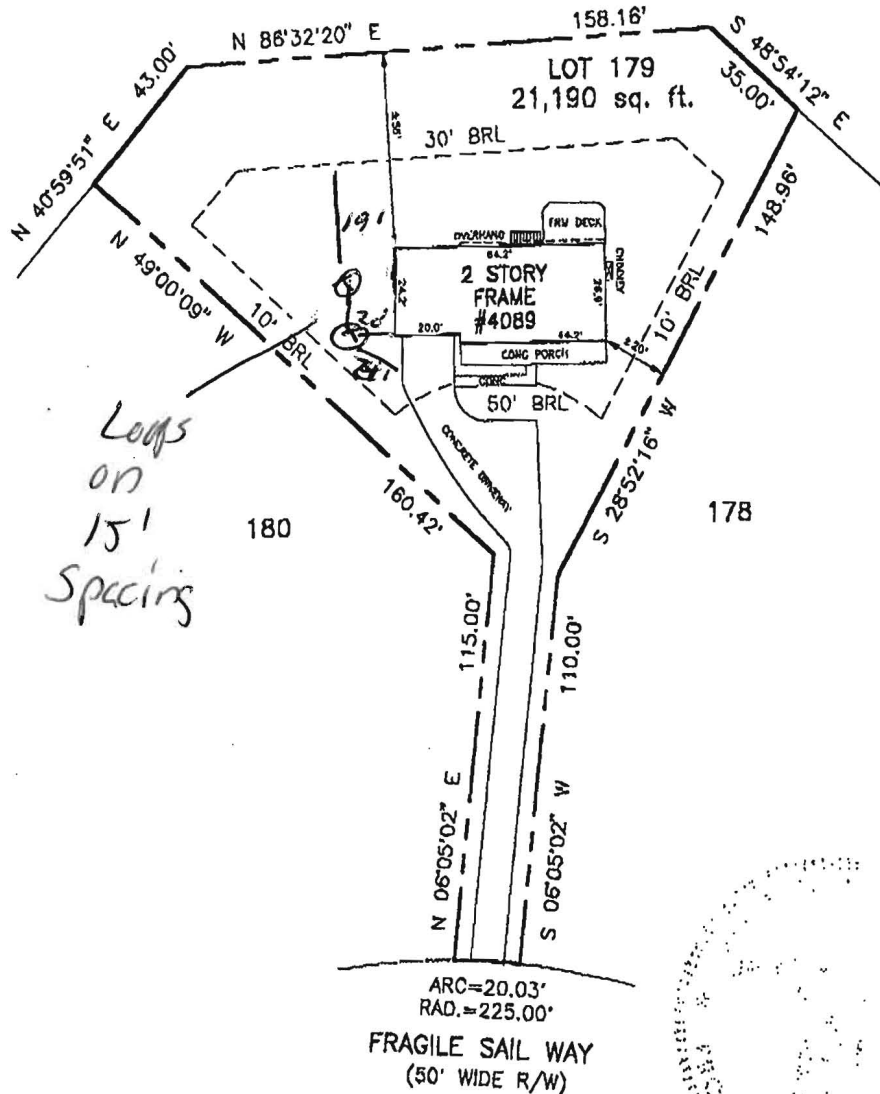
P.01/01

DORSEY HALL
SECTION 1 AREA 4
SHEET 3 OF 7
LOT 179
HOWARD COUNTY, MARYLAND

From: Sheldon Gantt

100 YR. FLOOD PLAIN
& DRAINAGE ESMT.

NORTH



PROPERTY ADDRESS: 4089 FRAGILE SAIL WAY

THE PROPERTY SHOWN HEREON IS LOCATED IN ZONE C (AREA OF MINIMAL FLOODING) ACCORDING TO NATIONAL FLOOD INSURANCE PROGRAM F.I.R.M. MAP COMMUNITY PANEL NO. 240044 0023 B AS REVISED 12/04/86.

CERTIFICATE
I HEREBY DECLARE THAT THE POSITION OF ALL

REFERENCES
PLAT BK CMP 4571



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