

C1 3932

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: LEWIS, LINDA; STREET OR RFD: 10705 GRAELICH RD; TOWN: SCHAFFERSVILLE

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, and Opening.

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)

Table for other casing with columns for diameter and depth

screen type or open hole

SCREEN RECORD

insert appropriate code below; SCREEN RECORD options: ST, BR, HO, PL, OT

C 2

DEPTH (nearest ft.)

Table for depth measurements with columns for casing types and depths

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; BEFORE PUMPING; WHEN PUMPING; TYPE OF PUMP USED

PUMP INSTALLED

DRILLER INSTALLED PUMP (YES/NO); 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

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

DRILLERS LIC. NO. MVD040

DRILLERS SIGNATURE: George F. Eastwood

LIC. NO. JS D038

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

|     |      |                                |   |   |
|-----|------|--------------------------------|---|---|
| B 1 | 4992 | SEQUENCE NO.<br>(MDE USE ONLY) | STATE OF MARYLAND<br><b>APPLICATION FOR PERMIT TO DRILL WELL</b><br>please type | STATE PERMIT NUMBER<br><b>HO-95-1970</b><br><small>70 fill in this form completely 79</small> |
|-----|------|--------------------------------|---|---|

Date Received (APA) **11416**

**OWNER INFORMATION**

8 MM DD YY 13  
**LEWIS LINDA**

15 Last Name Owner First Name 34

36 Street or RFD 55  
**10705 GRAELOCH ROAD**

57 Town 70 State 72 Zip 76  
**LAUREL, MD 20723**

**LOCATION OF WELL**

Howard gch#

8 COUNTY 21

23 SUBDIVISION 42  
**Hammond Park**

SECTION 5 LOT 20  
44 46 48 50  
**Scaggsville**

52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 1 M I  
73 76 77 78

**DRILLER INFORMATION**

**George F. Easterday** M W D **040**

Driller's Name 76 License No. 81

Firm Name  
**L. Franklin Easterday, Inc.**

Address  
**9265 Brown Church Rd., MT. Airy, Md. 21771**

Signature *George F. Easterday* Date **8/5/2010**

**10705 Gradloch Road**

11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

|   |      |      |   |
|---|------|------|---|
| N | WEST | EAST | E |
| W | 2    | S    | 3 |
| S | 4    | 5    | 6 |

34 40 37  
DISTANCE FROM ROAD Ft.

ENTER FT OR MI 38 39

TAX MAP: 41 BLK: 23 PARCEL 249

**WELL INFORMATION**

APPROX. PUMPING RATE (GAL. PER MIN.) 5

8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 0 500

14 20

**NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL**

**Howard** (13) **Public**

COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S → 41

DATE ISSUED **8/23/2010 Brian Baker 8/23/2010**

43 MM DD YY 48 CO SIGNATURE EXP. DATE

NORTH GRID **480** 0 0 0 EAST GRID **833** 0 0 0

50 55 57 63

**USE FOR WATER (CIRCLE APPROPRIATE BOX)**

D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

22  I INDUSTRIAL, COMMERCIAL, DEWATERING

P PUBLIC WATER SUPPLY WELL

T TEST, OBSERVATION, MONITORING

G GEO-THERMAL

APPROXIMATE DEPTH OF WELL 450 FEET  
24 28

APPROXIMATE DIAMETER OF WELL 5 INCH  
NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- 
- wells
- 

WRITE THE BOX NUMBER FROM THE MAP HERE

**833** ↓

E

**480** ←

N

000 000 ⊗

**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 DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)**

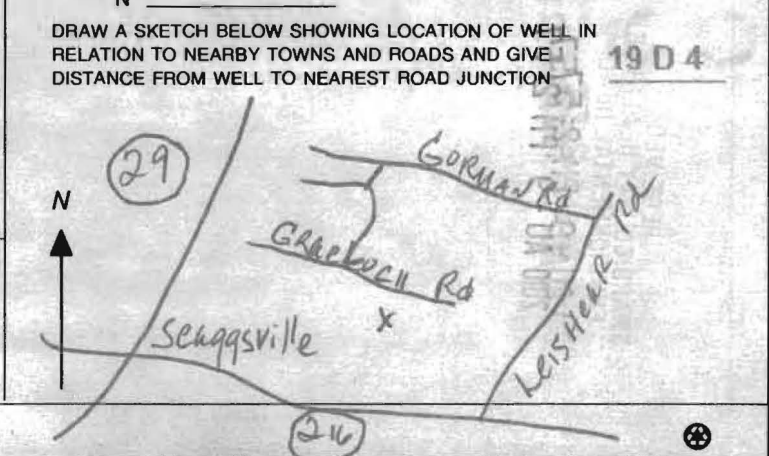
N THIS WELL WILL NOT REPLACE AN EXISTING WELL

Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

39  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



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

APPROP. PERMIT NUMBER **G**

PERMIT No. **HO-95-1970**  
70 71 72 73 74 75 76 77 78 79

**SPECIAL CONDITIONS**  
NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

N 68° 35' 5" W

5' Easement For Utilities

8/23/2010

Location Shown loops

O.K.

BB

Shed

Lot 19

Lot 20  
20,886 Sf

Block 7

Keep Borehole at Least 15' From  
Any Part of House Foundation

Wall

198.14 feet  
S 21° 4' 45" W

125.54 feet  
N 10° 59' 45" E

Concrete  
Patio

Bay  
Window

WD

30' +/-

32' 5"

33' 1"  
2 Story  
Brick  
Frame  
#10705

26' 10"

Carport

11' 11"

21' 2"

5' 7"

Asphalt Driveway

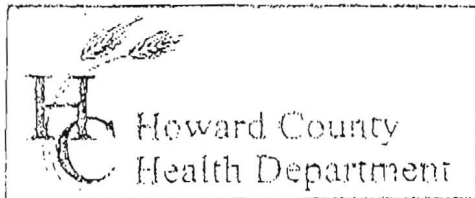
50' BRL

15'

51' +/-

R=5895.36' A=107.69'

GRAELOCH ROAD



3525 H Ellicott Mills Drive, Ellicott City, MD 21043  
(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

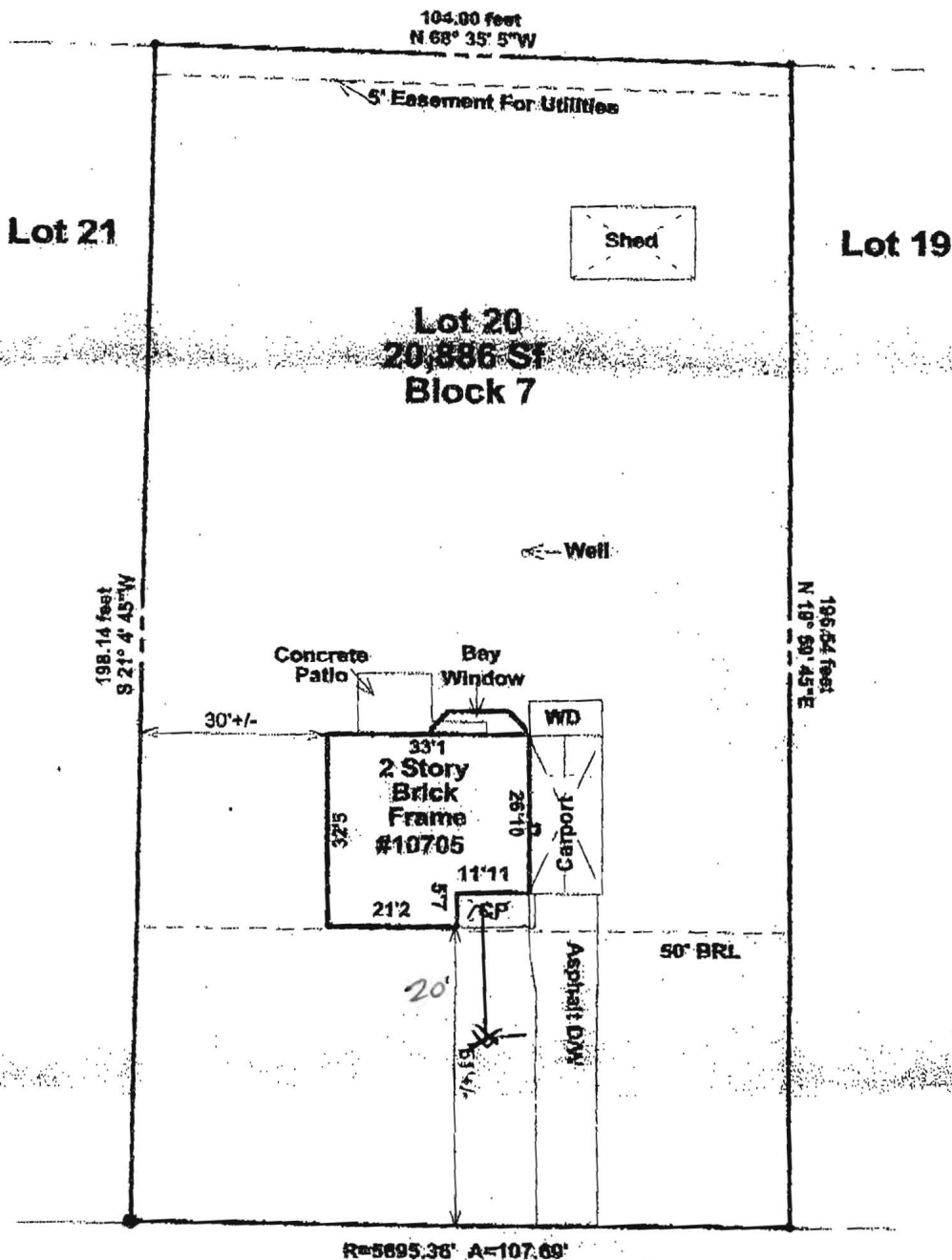
When submitting a well permit application for a proposed well for new construction, please indicate one of the following:

- The well site has been staked by driller, owner, contractor  
(professional land surveyor or company employing professional land surveyors)  
on (8-10) 8-6-10 (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 6/10/03

Linda Lewis  
10705 GRAELOCH Rd

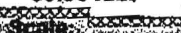


**GRAELOCH ROAD**  
(50' R/W)



Project: 10705 GRAELOCH ROAD  
LAUREL, MARYLAND 20723 (Howard County)

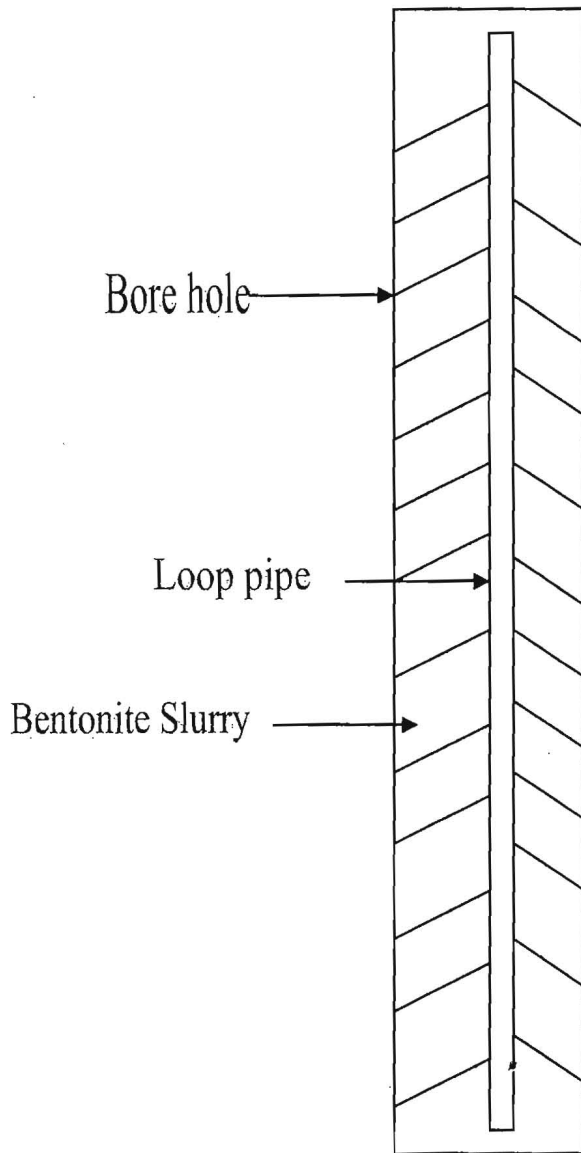
30.00 feet



KEY:  
WD=Wood Deck  
CP=Concrete Patio

# GEOHERMAL WELL DESIGN

L. FRANKLIN EASTERDAY, INC



Owner LINDA LEWIS

Location 10705 GRAELOCH Rd

Number of wells 1

Depth 450 Loop Size 1 1/4

Grout Material-----Bentonite Slurry from bottom to G.L.

10705