

C1 1289

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

ST/CO USE ONLY

DATE RECEIVED MM DD YY 06 04 11

DATE WELL COMPLETED MM DD YY 6-3-11

DEPTH OF WELL 22 400' 26

PERMIT NO. FROM "PERMIT TO DRILL WELL" H10-95-2091

OWNER Phillips, Greg STREET OR RFD MARYVALE COURT TOWN CLEVELAND SUBDIVISION Second Discovery SECTION LOT 18

WELL LOG

Not required for driven wells

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (C) (M) (B) (C) NO. OF BAGS 18 NO. OF POUNDS 1800 GALLONS OF WATER 108 DEPTH OF GROUT SEAL (to nearest foot) 37

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 20 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 29 ft. WHEN PUMPING 36 ft. TYPE OF PUMP USED (for test) S submersible

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. Rows include Sandy mica, Grey mica, Brown mica, etc.

CASING RECORD (S) (T) (C) (O) (P) (L) (O) (T) STEEL CONCRETE PLASTIC OTHER

MAIN CASING TYPE (S) Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 40'

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

SCREEN RECORD (S) (T) (B) (R) (H) (O) (P) (L) (O) (T) STEEL BRASS BRONZE PLASTIC OPEN HOLE OTHER

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y) (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 MWD 040 DRILLERS SIGNATURE BEAR 4. EASTENBERG LIC. NO. 1 WRD 064

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

DEPTH (nearest ft.) 38 400' E A C H S C R E E N SLOT SIZE 1 2 3 DIAMETER OF SCREEN 56 (NEAREST INCH) from to

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

PUMP INSTALLED DRILLER INSTALLED PUMP 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) above below 2 (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)

Drilled AS Staked + Approved - See plat

B 1	9241	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL	STATE PERMIT NUMBER HO-95-2091
1 2 3 6			534538 please type	70 fill in this form completely 79

OWNER INFORMATION

Date Received (APA) **03/31/11** 11600

8 MM DD YY 13

PHILLIPS GREG

15 Last Name Owner First Name 34

10544 JASON LANE

36 Street or RFD 55

COLUMBIA MD 21044

57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL

8 COUNTY **Howard** 21

Second Discovery

23 SUBDIVISION 42

SECTION **44** 46 LOT **18** 48 50

Geneleg

52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) **2** M I 73 76 77 78

DRILLER INFORMATION

George F. Easterday MW D 040

Driller's Name 76 License No. 81

L. Franklin Easterday, Inc.

Firm Name

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

Address

George F. Easterday 3/30/2011

Signature Date

B 4

1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

Marvate Court

~~Folly Quarter Road~~

11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

540

34 DISTANCE FROM ROAD FT. 37

ENTER FT OR MI 38 39

TAX MAP: **22** BLK: **17** PARCEL **45**

B 2 WELL INFORMATION

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

1 2 8 12

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

14 20

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard (13) **A533348**

COUNTY NAME COUNTY NO.

STATE SIGNATURE _____ INSERT S → 41

DATE ISSUED **4/19/2011** **Brian Baber** 4/19/2012

43 MM DD YY 48 CO SIGNATURE EXP. DATE

NORTH GRID **520** 0 0 0 EAST GRID **813** 0 0 0

50 55 57 63

APPROXIMATE DEPTH OF WELL **300** FEET

24 28

APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

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-95-2091**

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. **wells**

3. _____

WRITE THE BOX NUMBER FROM THE MAP HERE

E **8103**

N **51020**

000 000 (X)

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION **10 C 11**



TRACE LABORATORIES, INC
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 Hunt Valley, MD 21030 USA
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Maryland State Certified Laboratory #318

CERTIFICATE OF ANALYSIS

Requester:

Michelle Thomas
 Hagan and Hamilton Homes
 20 East Timonium Road, Suite 209
 Timonium, Maryland 21093

S/O Number: 88155

Report Date: February 25, 2013

Short-Term GAGB

Property Sampled: 12750 Maryvale Court, 21042
Sample Location: Pressure Tank Tap
Residual Chlorine: <0.1 mg/L

Building Permit #: 11000411
Sampler ID #: 7483AM
Samples Iced: Yes

County: Howard
Map: 22

Subdivision: Second Discovery
Parcel: 45

Lot #: 24

Date/Time Collected in Field: February 11, 2013 @ 1:39 pm
Date/Time Received in Lab: February 11, 2013 @ 4:27 pm

Well Tag #: HO-95-2091
Well Condition: 2-Piece Cap, Satisfactory

Water Treatment/Conditioning: None

PARAMETER	METHOD	MCL* (pCi/L)	MDL (pCi/L)	RESULT (pCi/L)	ACCEPTABILITY
Gross Alpha (Short-Term)	EPA 900.0	15	1.0	3.8 ± 1.1	Acceptable
Gross Beta (Short-Term)	EPA 900.0	50	1.7	6.4 ± 1.3	Acceptable

*Note: There are no established limits set forth by the EPA for radionuclide particles in private well water. The limits for public water are instead provided as MCLs in this report and the acceptability of this sample is based on these requirements. Gross Alpha levels under 5 pCi/L are acceptable. Levels between 5 and 15 pCi/L are considered moderate, and levels greater than 15 pCi/L are considered high. When levels are moderate or high, treatment or further testing is recommended and in certain cases may be required by the health department.

The results in this report relate only to those items tested. If any additional information or clarification of this report is required, please contact us. This test report shall not be reproduced except in full without the written approval of Trace Laboratories Inc.

Katherine C. Higgs
 Manager - Drinking Water Testing

MCL: Maximum Contamination Level, an enforceable level established by the EPA
 MDL: Method Detection Limit
 Analyzed by Lab #278



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Requester:

Michelle Thomas
 Hagan and Hamilton Homes
 20 East Timonium Road, Suite 209
 Timonium, Maryland 21093

S/O Number: 88155

Report Date: February 25, 2013

Long-Term GAGB

Property Sampled: 12750 Maryvale Court, 21042
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Residual Chlorine: <0.1 mg/L

Building Permit #: 11000411
Sampler ID #: 7483AM
Samples Iced: Yes

County: Howard
Map: 22

Subdivision: Second Discovery
Parcel: 45

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Water Treatment/Conditioning: None

PARAMETER	METHOD	MCL* (pCi/L)	MDL (pCi/L)	RESULT (pCi/L)	ACCEPTABILITY
Gross Alpha (Long-Term)	EPA 900.0	15	1.1	1.9 ± 1.0	Acceptable
Gross Beta (Long-Term)	EPA 900.0	50	1.6	5.1 ± 1.2	Acceptable

*Note: There are no established limits set forth by the EPA for radionuclide particles in private well water. The limits for public water are instead provided as MCLs in this report and the acceptability of this sample is based on these requirements. Gross Alpha levels under 5 pCi/L are acceptable. Levels between 5 and 15 pCi/L are considered moderate, and levels greater than 15 pCi/L are considered high. When levels are moderate or high, treatment or further testing is recommended and in certain cases may be required by the health department.

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Analyzed by Lab #278

16/24 Maryvale Court

PH. LIS

0977-0604

6/1/2011
11~30
Geo Borokh
Locations
Approved

