

C1 118522

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 MM DD YY

DATE WELL COMPLETED MM DD YY

Depth of Well (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER, WELL SITE ADDRESS, TOWN, 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 entries like Top soil, Hard Brn Rock, etc.

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)

Table for OTHER CASING with columns: diameter inch, depth (feet) from, to

SCREEN RECORD

screen type or open hole, insert appropriate code below, TABLE with columns: ST, BR, HO, PL, OT

C 2

DEPTH (nearest ft.)

Table for C 2 DEPTH with columns: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76

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

PUMP INSTALLED

DRILLER INSTALLED PUMP, TYPE OF PUMP INSTALLED, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT

LATITUDE 39.17938, LONGITUDE 76.88736 (DEFAULT COORD. WGS 84)

NOTES: Diagram showing well location and coordinates

B 1 36005
1 2 3 6

SEQUENCE NO.
(MDE USE ONLY)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL

please type

STATE PERMIT NUMBER

140-15-0025
70 fill in this form completely 79

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13
Martin Frederick Thomas TR
15 Last Name Owner First Name 34
10817 Vista Road
36 Street or RFD 55
Columbia MD 21044
57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL

Howard
8 COUNTY 21
Holiday Hills
23 SUBDIVISION 42
SECTION 44 46 LOT 77 48 50
Columbia
52 NEAREST TOWN 71

DRILLER INFORMATION

John Hess MWD 553
Driller's Name 76 License No. 81
Allied Environmental Services
Firm Name
P.O. Box 29 Annapolis Junction MD 20708
Address
John Hess 03/13/15
Signature Date

B 4 SOURCES OF DRILLING WATER

10817 Vista Road
11 STREET ADDRESS 30
1. Public
2.
3.
ON WHICH SIDE OF ROAD
(CIRCLE APPROPRIATE BOX)
NORTH
WEST EAST
SOUTH
34 37
DISTANCE FROM ROAD
ENTER FT OR MI 38 39
TAX MAP: 0041 BLK: 0005 PARCEL 0304

B 2 WELL INFORMATION

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

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
- O OPEN LOOP GEOTHERMAL
- C CLOSED LOOP GEOTHERMAL 2 loops

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard
COUNTY NAME COUNTY NO. 13
STATE SIGNATURE INSERT S
DATE ISSUED 4/9/15
43 MM DD YY 49 CO SIGNATURE EXP. DATE 4/26/15

APPROXIMATE DEPTH OF WELL 400 FEET
24 28

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

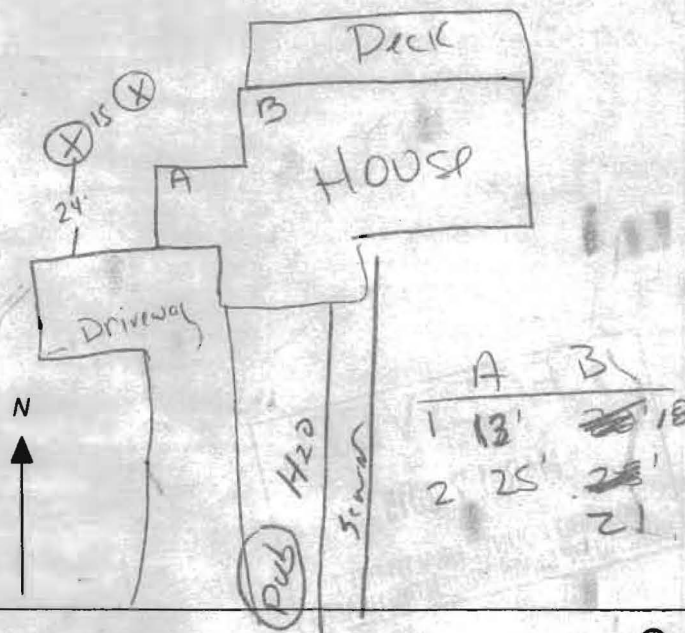
METHOD OF DRILLING (circle one)

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
 - 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

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)

APPROP. PERMIT NUMBER G

PERMIT No. 140-15-0025
70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

DO NOT REMOVE THIS TAG
DEPARTMENT OF THE ENVIRONMENT
WELL PERMIT NUMBER

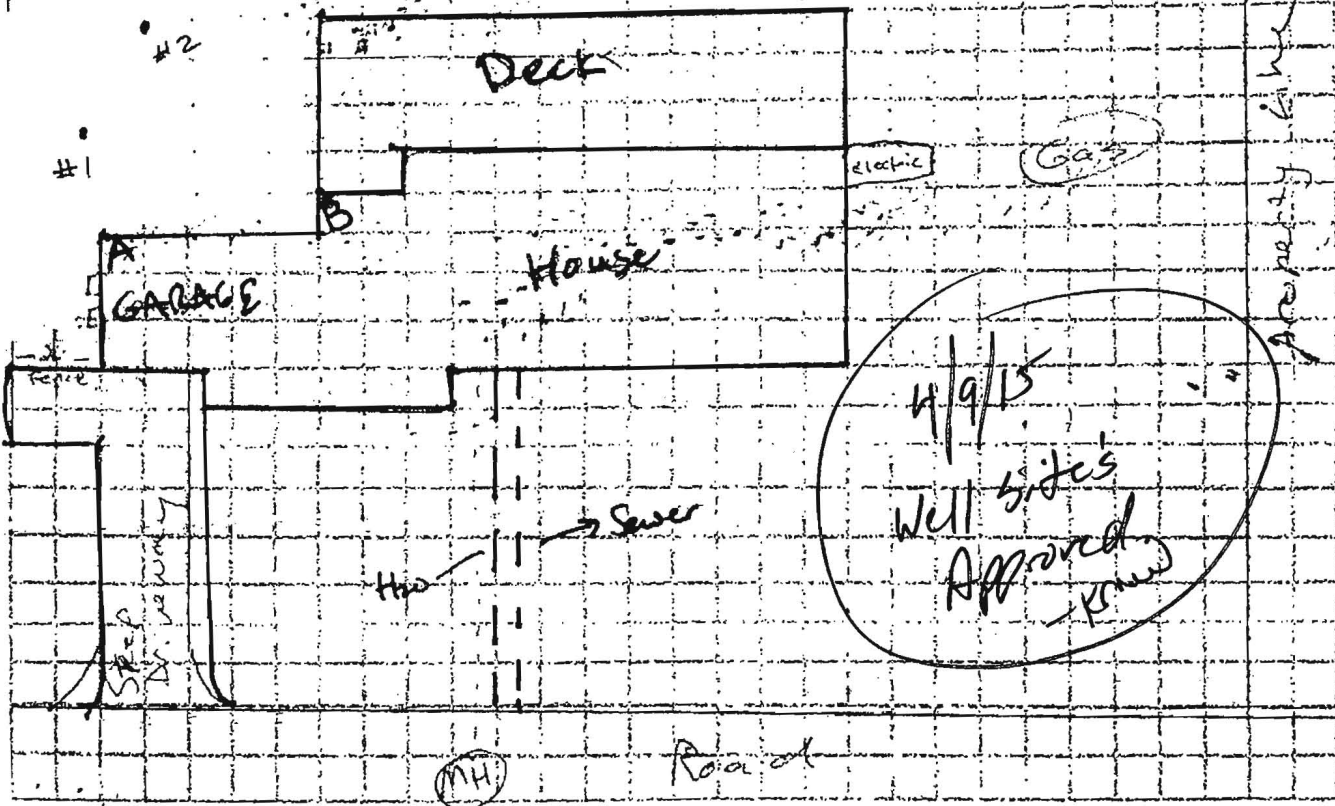
HO-15-0025

INFORMATION-GIVE NUMBER AND WRITE
1800 WASHINGTON BLVD
BALTIMORE MARYLAND, 21230

Distances

1 (13, 18)

2 (25, 21)



Sediment Control Protocol: Silt Fence, silt bag

Distance From House: 12'
From Septic: N/A
From Sewer: Need marked
From Property Line: 7'
From Street: 100

Trees Nearby: YES all overhanging trees
Utility Issues: Plants removed need marked
Mats Needed: YES
Access For H/U: _____
Neighboring Tags: N/A

Comments: Need fence removed, 15' off of house until slight slope, not need to excavate, remove plants by #2 and clear all overhanging branches. very steep driveway
Person Completing Form: _____



HOWARD COUNTY HEALTH DEPARTMENT

55773

DATE 3/11/15

W5

Received From

Applied Env.

PHONE #

301 776-5370

For

W500 permit / 10817 Ridge

CASH

CHECK

NO.

11563

One hundred seventy, 74

Dollars

\$

160.00

Received By

Alvin

Wolf, Kevin

From: Brooks, Calvin
Sent: Thursday, March 26, 2015 11:09 AM
To: Wolf, Kevin
Subject: RE: 10817 Vista Road, 2628 N Rogers Ave

Kevin,
Water only for 2628 N. Rogers
Sewer stops before the property line

10817 Vista
5/94 water
2009 for sewer

Csl

From: Wolf, Kevin
Sent: Thursday, March 26, 2015 8:27 AM
To: Brooks, Calvin
Subject: 10817 Vista Road, 2628 N Rogers Ave

Cal,
Can you check on connection dates pub w/s for these properties? 2628 N Rogers Ave I see water at the front of the property but sewer looks to be behind them. Can you confirm?

Thanks,

Kevin M. Wolf, EHS Supervisor
Groundwater Mgmt. Sec.
Well & Septic Program
Bureau of Environmental Health
8930 Stanford Blvd.
Columbia, MD 21045
(o) 410-313-2645
(f) 410-313-2648



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Real Property Data Search (w4)

Guide to searching the database

Search Result for HOWARD COUNTY

View Map	View GroundRent Redemption	View GroundRent Registration							
Account Identifier:		District - 05 Account Number - 359104							
Owner Information									
Owner Name:		MARTIN FREDERICK THOMAS TR MARTIN DORIS JEAN TR		Use:	RESIDENTIAL				
Mailing Address:		10817 VISTA RD COLUMBIA MD 21044-4225		Principal Residence:	YES				
				Deed Reference:	/11828/ 00005				
Location & Structure Information									
Premises Address:		10817 VISTA RD COLUMBIA 21044-0000		Legal Description:	LOT 77 S 6 10817 VISTA RD HOLIDAY HILLS				
Map:	Grid:	Parcel:	Sub District:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0041	0005	0304		0000			77	2014	Plat Ref:
Special Tax Areas:				Town:	NONE				
				Ad Valorem:	104				
				Tax Class:					
Primary Structure Built		Above Grade Enclosed Area		Finished Basement Area		Property Land Area		County Use	
1996		3,725 SF				40,075 SF			
Stories	Basement	Type	Exterior	Full/Half Bath	Garage	Last Major Renovation			
		STANDARD UNIT	SIDING	2 full/ 1 half	1 Attached				
Value Information									
		Base Value		Value As of		Phase-in Assessments As of		As of	
				01/01/2014		07/01/2014		07/01/2015	
Land:		217,400		217,400					

Improvements	440,700	462,100		
Total:	658,100	679,500	665,233	672,367
Preferential Land:	0			0

Transfer Information

Seller: MARTIN FREDERICK T & WF	Date: 06/17/2009	Price: \$0
Type: NON-ARMS LENGTH OTHER	Deed1: /11828/ 00005	Deed2:
Seller:	Date:	Price:
Type:	Deed1:	Deed2:
Seller:	Date:	Price:
Type:	Deed1:	Deed2:

Exemption Information

Partial Exempt Assessments:	Class	07/01/2014	07/01/2015
County:	000	0.00	
State:	000	0.00	
Municipal:	000	0.00 0.00	0.00 0.00
Tax Exempt:		Special Tax Recapture:	
Exempt Class:		NONE	

Homestead Application Information

Homestead Application Status: Approved 05/07/2008

1. This screen allows you to search the Real Property database and display property records.
2. Click **here** for a glossary of terms.
3. Deleted accounts can only be selected by Property Account Identifier.
4. The following pages are for information purpose only. The data is not to be used for legal reports or documents. While we have confidence in the accuracy of these records, the Department makes no warranties, expressed or implied, regarding the information.

HOWARD COUNTY GROUTING PROCEDURE

Boreholes will be grouted from the bottom to the top via a tremie pipe and positive displacement pump. Bentonite grout, known as Quik-Grout will be used according to the manufacturer's specifications to achieve a consistency of at least 20% solids (24 gallons potable water/50 lb. sack of grout) and a permeability no more than $2.5 \text{ E}(-08) \text{ cm/sec}$. Grouting will be completed immediately after installing the geothermal loop and no later than twenty-four (24) hours after installing the geothermal loop. Open boreholes/annular space will be protected as necessary to prevent the entry of surface water or pollutants.

GRADE

EACH BORE HOLE (TYP.)

MINIMUM

HORIZONTAL BURY

DEPTH 4 FT

FOR CONT.
SEE PLANS

HORIZONTAL
PIPING

BORE DEPTH

TAPE

5 TO 10 FOOT SECTION OF
REBAR TO GUIDE TUBE
INTO BORE DURING
INSTALLATION

ANCHOR FITTING TO
PREVENT U-TUBE FROM
SURFACING AFTER
INSTALLATION

GROUT ENTIRE ANNULAR
SPACE AND VERTICAL
U-TUBE WITH (BENTONITE)
GROUT.

DEPTH MARKINGS IN FEET TO
INDICATE DEPTH OF INSERTION

TYPICAL VERTICAL U TUBE
1.5" Ø PINCHES

TYPICAL BORE DIAMETER
6.0 Ø PINCHES

TYPICAL SOCKET D BENDING

