

C 1 31016

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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 WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE Received MM 05 DD 05 YY 16

4 25 16

22 300 26 (TO NEAREST FOOT)

OK 10/24/16 SC

H0 - 15 - 0245

OWNER: Z Waretz David; WELL SITE ADDRESS: 14001 Celbridge Drive; TOWN: Glenwood; SUBDIVISION: Burntwoods; SECTION: 3; LOT: 12

WELL LOG

Not required for driven wells

GROUTING RECORD

WELL HAS BEEN GROUTED (Y); TYPE OF GROUTING MATERIAL: CEMENT (CM); BENTONITE CLAY (BC); NO. OF BAGS: 13; NO. OF POUNDS: 1222; GALLONS OF WATER: 169; DEPTH OF GROUT SEAL: 70 ft.

C 3

PUMPING TEST

HOURS PUMPED: 4; PUMPING RATE: 10 gal. per min.; METHOD USED TO MEASURE PUMPING RATE: Air; WATER LEVEL: 30 ft. before, 250 ft. when pumping; TYPE OF PUMP USED: Air (A).

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. Rows: Top soil #Clay, gravel, grey Limestone, Hit water.

CASING RECORD: STEEL (ST), CONCRETE (CO), PLASTIC (PL), OTHER (OT). MAIN CASING TYPE: PL.

MAIN CASING TYPE: PL; Nominal diameter: 60-61; Total depth: 70.

OTHER CASING (if used): diameter, depth (feet).

SCREEN RECORD: STEEL (ST), BRASS (BR), BRONZE (PL), OPEN HOLE (HO), PLASTIC (PL), OTHER (OT).

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED: YES (Y), NO (N)

CIRCLE APPROPRIATE LETTER: A (ABANDONED), E (ELECTRIC LOG), P (TEST WELL CONVERTED).

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

DRILLERS LIC. NO.: MND579; DRILLERS SIGNATURE: Frank Kelly

LIC. NO.: D

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

DEPTH (nearest ft.): HO 71 300

Table with columns: 1-11, 15-17, 21, 23-24, 26, 30-32, 36, 38-39, 41, 45-47, 51. Rows: A, C, H, S, R, E, N.

DIAMETER OF SCREEN: 56-60 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

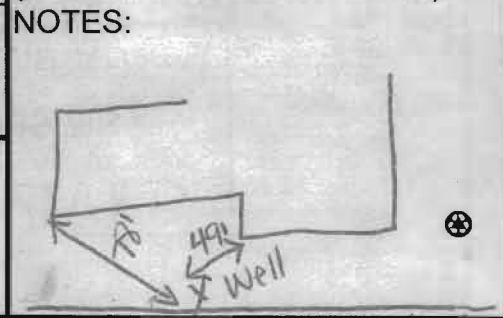
CAPACITY: GALLONS PER MINUTE (to nearest gallon): 31-35

PUMP HORSE POWER: 37-41

PUMP COLUMN LENGTH (nearest ft.): 43-47

CASING HEIGHT (circle appropriate box and enter casing height): + above, - below; LAND SURFACE (nearest foot): 49-51

LATITUDE 39.464427852; LONGITUDE 76.5915499807 (DEFAULT COORD. WGS 84)



B 1 28014

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-15-0245

P558705 please type

fill in this form completely

Date Received (APA)

04 28 16

OWNER INFORMATION

Zwanetz David 14001 Celbridge Drive Glenwood MD 21783

B 3

LOCATION OF WELL

Howard COUNTY Burntwoods SUBDIVISION SECTION 3 LOT 12 Glenwood NEAREST TOWN

DRILLER INFORMATION

Franklin Phillips MWD 579 Phillips & Son Drilling Inc. 2624 Koetzel Rd Knoxville MD 21757 Franklin Phillips 4/25/16

B 4

SOURCES OF DRILLING WATER

1. well

14001 Celbridge Dr STREET ADDRESS ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD ENTER FT OR MI TAX MAP: 22 BLK: 6 PARCEL 110

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 300 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 300

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 P49179 COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 4/26/2016 Brian Baker 4/26/17 CO SIGNATURE EXP. DATE

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH 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)

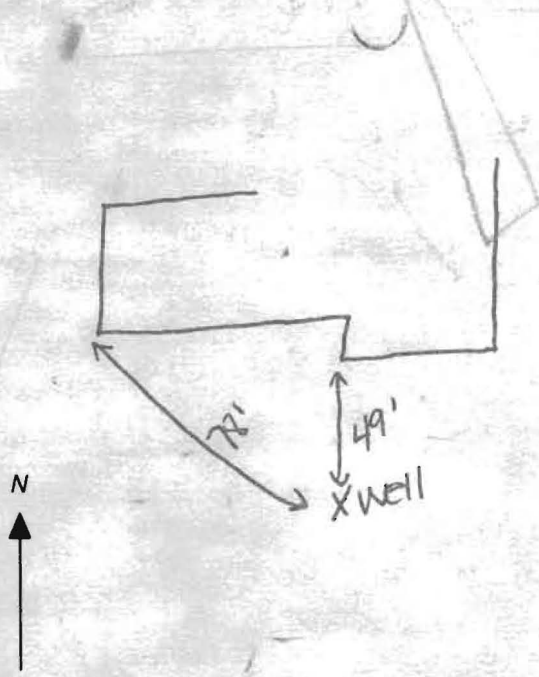
- THIS WELL WILL NOT REPLACE AN EXISTING WELL THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

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

APPROX. PERMIT NUMBER G PERMIT No. HO-15-0245

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



SPECIAL CONDITIONS

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

 WATER WELL ABANDONMENT-SEALING REPORT FORM

SUBMIT COPIES OF COMPLETED FORM TO:

- * COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if address needed)
- * WELL OWNER
- * MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

OK
10/24/16 SC

DATE WELL ABANDONED: 4-25-16 (month/day/year)

* PERMIT NUMBER OF ABANDONED WELL (if any) _____

* PERMIT NUMBER OF REPLACEMENT WELL _____

HO - 15 - 0245

* PERSON ABANDONING WELL: Franklin Phillips

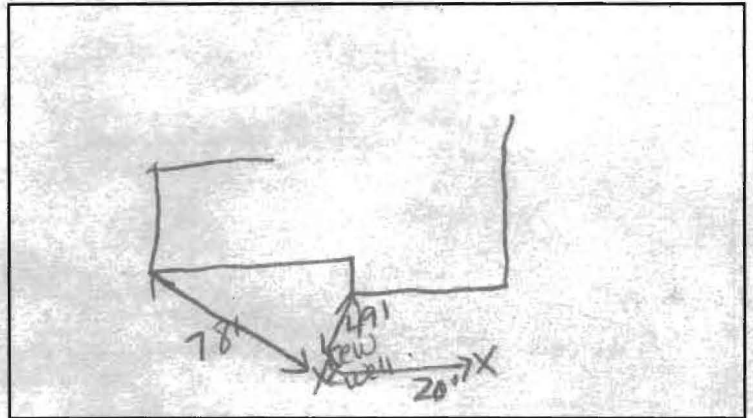
WELL DRILLERS LICENSE NUMBER: _____

CIRCLE: MWD/MSD/MGD

* OWNER'S NAME: David Zwanetz

SITE LOCATION MAP

* WELL LOCATION:
 COUNTY: Howard
 NEAREST TOWN: Glenwood
 TAX MAP 22 BLOCK 6 PARCEL 110
 SUBDIVISION: Burntwoods
 SECTION: 3 LOT: 12
 NEAREST ROAD: CB Bridge Dr.



* TYPE OF WELL BEING ABANDONED:

- DRILLED JETTED
- BORED/AUGERED HAND DUG
- OTHER (specify) _____

* USE CODE:

- DOMESTIC MUNICIPAL/PUBLIC
- IRRIGATION INDUSTRIAL
- TEST/OBSERVATION GEOTHERMAL

* TYPE OF CASING:

- STEEL PLASTIC
- CONCRETE OTHER (specify) _____

* SIZE OF CASING: 6 INCHES IN DIAMETER

* DEPTH OF WELL: 200 FEET DEEP

* WAS ANY CASING REMOVED? YES NO
 if yes, length removed, in feet: 4

* WAS CASING RIPPED OR PERFORATED? YES NO

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
Portland Type II	100	0
VOLUME OF MATERIAL USED		
24 bags 2256 lbs 312 gal		

SIGNATURE - MASTER WELL DRILLER OR SUPERVISING SANITARIAN

LICENSE # 579

MWD/MSD/MGD
 CIRCLE ONE

DATE 4/25/16



SITE INSPECTION SHEET

OWNER: _____ PHONE #: _____

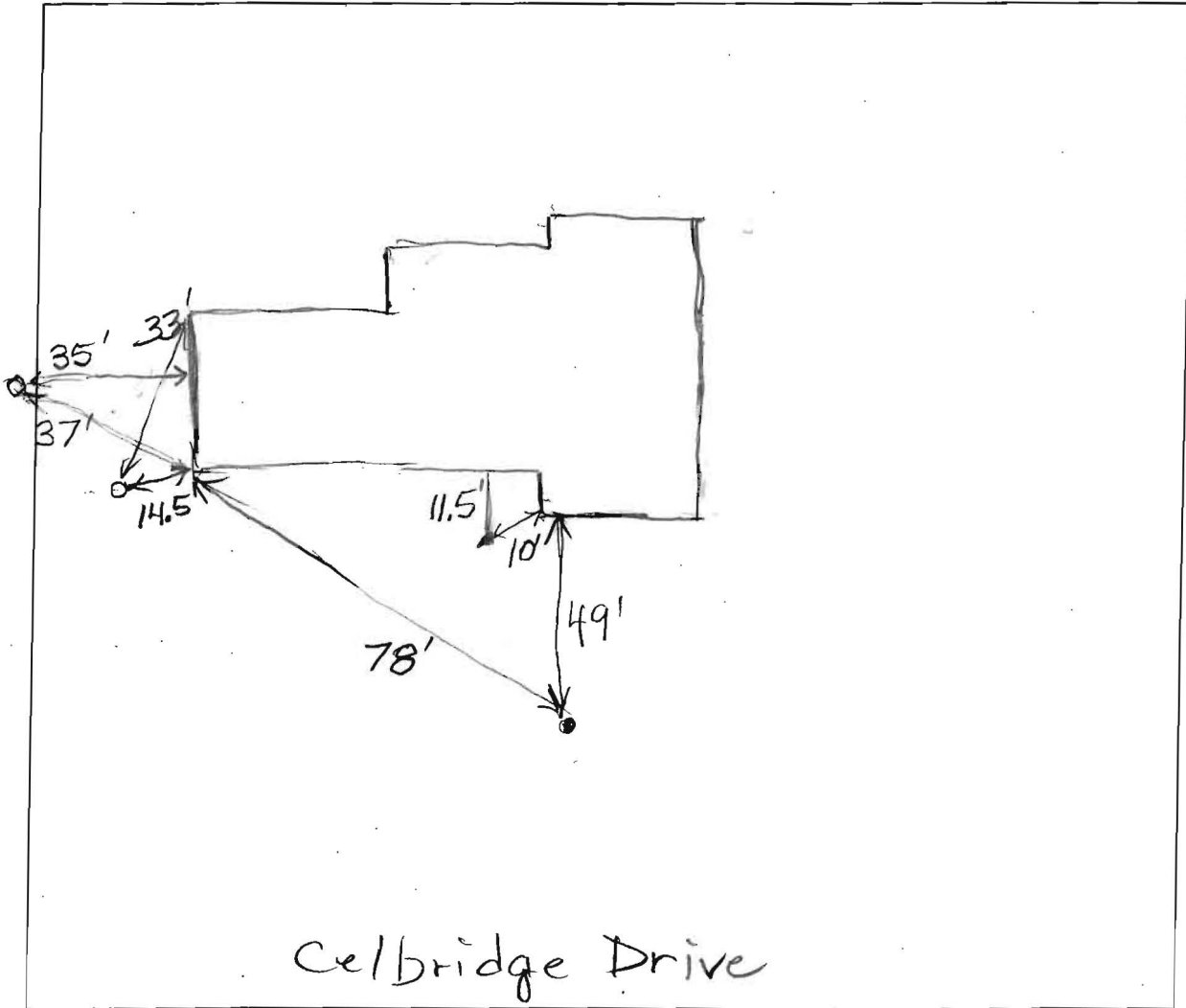
ADDRESS: 14001 Celbridge Dr. CONTRACTOR: _____

WELL TAG #: H0-15-0245

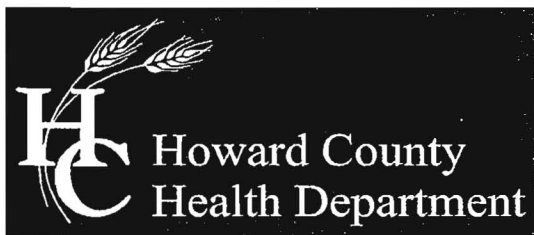
SUBDIVISION: _____ LOT: _____ COUNTY #: _____

PROPOSAL: _____

LOCATION DIAGRAM



COMMENTS: 4/25/2016 Replacement well site picked. Seal old well. (BB)
4/26/2016 Driller grouting new well and sealing original well. (BB)



Bureau of Environmental Health

8930 Stanford Blvd, Columbia, MD 21045
Main: 410-313-2640 | Fax: 410-313-2648
TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org

Maura J. Rossman, M.D., Health Officer

October 24, 2016

Homeowner
14001 Celbridge Drive
Glenwood, MD 21738

RE: **Replacement Well Sampling**
14001 Celbridge Drive
#HO-15-0245

Dear Homeowner,

According to our records, your replacement well has been connected to the dwelling. We request that you contact the Community Hygiene Program at **(410) 313-1773** to schedule initial water sampling for the above referenced replacement well, as required by the Maryland Well Construction Regulation (*COMAR 26.04.04*). This sampling includes testing for bacteria, nitrates, turbidity, and sand. There is currently **no charge** for the sampling and it is to your benefit to have it tested.

Sampling of the new well should be collected from the primary indoor drinking tap, but if suitable scheduling is not possible, the sample may be taken from an outside tap to complete your sampling obligation. However, the potential for unsuccessful sample results increases when samples are collected from taps exposed to the outside environment. If sampling has already been performed by an outside lab, please help us by forwarding the results of the samples to our office.

The old well was abandoned by Phillips and Son Drilling, Inc. on 4/25/16. Documentation was received by the Health Department that this task has been completed.

Feel free to contact me with any questions.

Sincerely,

A handwritten signature in cursive script that reads 'Sarah Collins'.

Sarah Collins, L.E.H.S.
Well and Septic Program
SCollins@howardcountymd.gov
410-313-6287

Cc: Community Hygiene Program
File