

C1 31566

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)

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER

ST/CO USE ONLY

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE Received MM 04 DD 14 YY 15

MM 03 DD 29 YY 15

22 300 26 (TO NEAREST FOOT)

OK 8/7/15SC HO 15 0022

OWNER: Springer Tony; WELL SITE ADDRESS: 18845 Howard Lodge Dr; TOWN: Sykesville; 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. Rows include Brown sandstone, Gray schist, Brown, Gray schist, White, Gray schist.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N); TYPE OF GROUTING MATERIAL (CM, BC); NO. OF BAGS 23; NO. OF POUNDS 2102; GALLONS OF WATER 138; DEPTH OF GROUT SEAL 0 to 32 ft.

CASING RECORD

MAIN CASING TYPE (PL); Nominal diameter top (main) casing 06; Total depth of main casing 54; OTHER CASING (if used) diameter and depth.

SCREEN RECORD

screen type or open hole (HO); insert appropriate code below; DEPTH (nearest ft.) 54, 300.

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 01; PUMPING RATE (gal. per min.) 3; METHOD USED TO MEASURE PUMPING RATE 1906; WATER LEVEL (distance from land surface) BEFORE PUMPING 38 ft, WHEN PUMPING 290 ft; TYPE OF PUMP USED (for test) A air, P piston, T turbine, C centrifugal, R rotary, O other, J jet, S submersible.

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 02 (nearest foot).

C 2

NUMBER OF UNSUCCESSFUL WELLS: 0; WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER: 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...

DRILLERS LIC. NO. MS D 009; DRILLERS SIGNATURE; LIC. NO. D

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

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

LATITUDE 39.339920; LONGITUDE 76.937637; (DEFAULT COORD. WGS 84)

NOTES: 23 bags = 4.4 bags/10'; Storage: 290' - 38' = 252' x 1.5 gal/ft. = 378 gal; 120 (39 gal/min) = 738 gal

B 1 **33882**

SEQUENCE NO.  
(MDE USE ONLY)

STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL  
please type

STATE PERMIT NUMBER

**H0-15-0022**  
70 fill in this form completely 79

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13  
 15 Spangler Tony Last Name Owner First Name 34  
 36 12245 Howard Lodge Dr Street or RFD 55  
 57 Sykesville Md 21784 Town 70 State 72 Zip 76

B 3

LOCATION OF WELL

Howard 8 COUNTY 21  
 23 SUBDIVISION 42  
 SECTION 44 46 LOT 48 50  
Sykesville 52 NEAREST TOWN 71

DRILLER INFORMATION

Allen Compton M S D 009 Driller's Name 76 License No. 81  
Foghts Well Drilling, LLC Firm Name  
P.O. Box 202 Woodbine Md 21797 Address  
Allen Compton 3-20-15 Signature Date

B 4

SOURCES OF DRILLING WATER

1.  
2.  
3.

12245 Howard Lodge Dr 11 STREET ADDRESS 30  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 ~25' 34' 37' DISTANCE FROM ROAD  
 ENTER FT OR MI 38 39  
 TAX MAP: 0009 BLK: 0012 PARCEL 0123

B 2

WELL INFORMATION

APPROX. PUMPING RATE 5  
(GAL. PER MIN.) 8 12  
 AVERAGE DAILY QUANTITY NEEDED 500  
(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 13 COUNTY NO.  
 STATE SIGNATURE \_\_\_\_\_ INSERT S →  
 DATE ISSUED 3/23/2015 Brian Baker 41  
 43 MM DD YY 48 CO SIGNATURE EXP. DATE 3/23/16

APPROXIMATE DEPTH OF WELL 300 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)

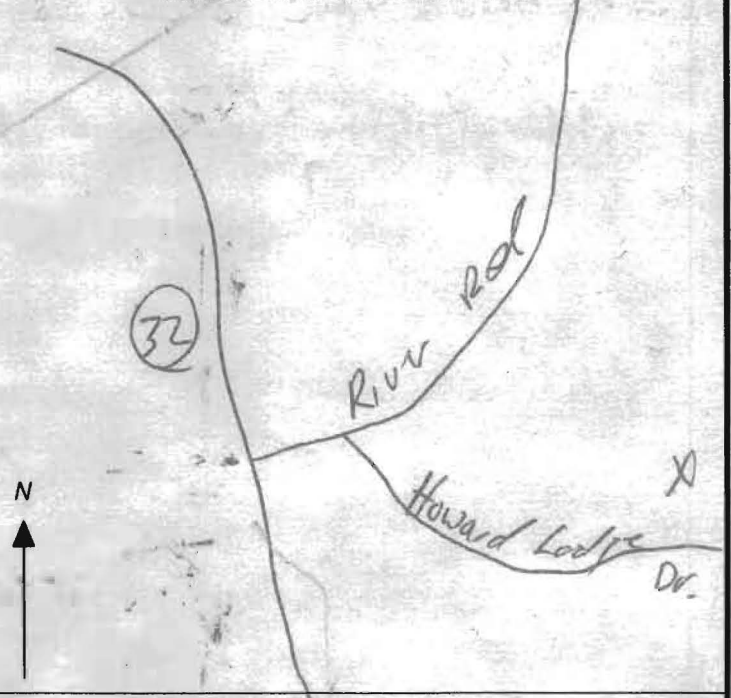
- THIS WELL WILL NOT REPLACE AN EXISTING WELL
- THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
- THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
- THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 \_\_\_\_\_ 52

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

APPROP. PERMIT NUMBER \_\_\_\_\_ G \_\_\_\_\_  
 PERMIT No. H0-15-0022  
 70 71 72 73 74 75 76 77 78 79

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

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
WELL & SEPTIC PROGRAM  
TEL: (410)313-1771 FAX: (410)313-2648

Information Form for the Installation of the Well Pump, Pileless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Fogles Well Drilling LLC Telephone #: 410-795-5670  
Address: PO Box 202  
Woodbine, MD 21797

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer

License # and name of individual responsible for the field installation:

Name (Print): DAVID C FOGLE License# MSD 226

\*A licensed individual must perform the actual installation. Apprentices must be under the supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification. Unlicensed individuals may be reported to the appropriate licensing agency.

Name of Property Owner: Tony Spangler Telephone #: 410-926-5174  
Subdivision: \_\_\_\_\_ Lot #: \_\_\_\_\_ Well Tag #: HO-15-0122  
Site Address: 12745 Howard Road Dr  
Sykesville, MD 21784

Submersible Pump Data      Pileless Adapter      Well Cap and Electric Conduit  
Make: Gards      Make: Pump Bell      Two piece watertight cap: YES  
Model #: THSDH22C      Model #: N/A      Screened, vented well cap: YES  
Pump Capacity: 7 GPM      Depth: 36" (36" min)      Cap secured to casing: YES  
Well Yield: 3 GPM      NSF/WSC approved: YES      Conduit min 18" B.G.: YES  
Depth of well encountered at time of pump installation: 300 (feet)      Conduit secured to well cap: YES  
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4  
Torque arrestors, Cable guards, or other acceptable method used- Must circle one  
Safety rope, if used, attached to brass rope adapter or other acceptable method inside of well casing N/A

Piping to house      House Connection  
Type: 1" poly pipe      PVC sleeve to undisturbed soil at wall penetration: YES  
PSI: 200 (160 psi min)      Length of sleeve (minimum from foundation): 6'  
Depth of supply line: 36" (36" min)      Sleeve sealed properly: YES

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: David Fogle      date: 4/1/15

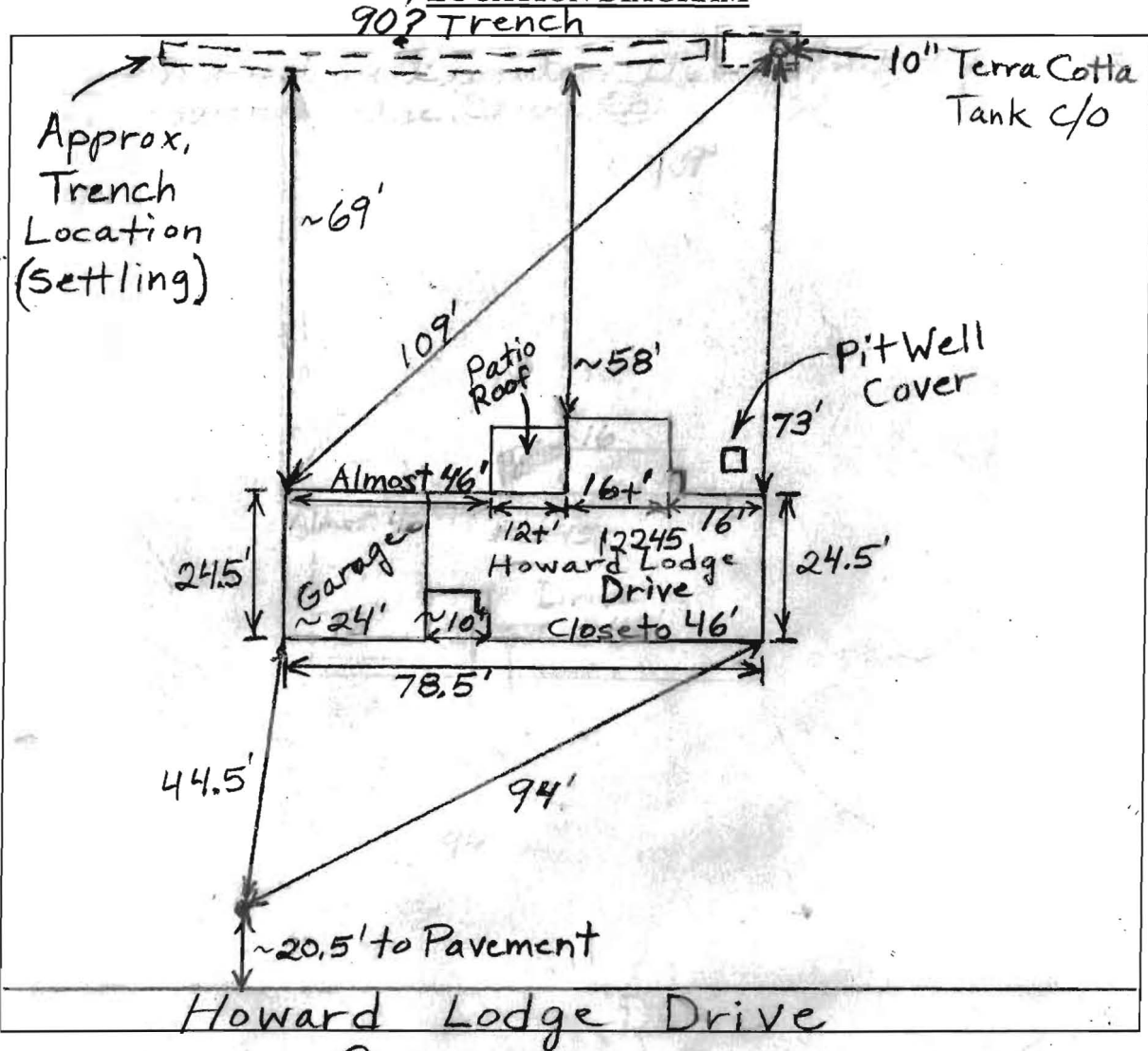
For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 4/2/15      Date Insp. Approved: 4/2/15      Inspector: SC  
Inspection Data: Pileless adapter watertight & water supply line at least 36" below grade ✓  
Two piece cap installed and attached to casing securely ✓  
Elec. conduit extends at least 18" below grade/attached to cap properly ✓  
Safety rope not outside of well cap/casing ✓  
Correct well tag attached properly and casing 8" above finished grade ✓  
Water supply line sleeved adequately at house connection ✓  
Adequate grout observed below pileless adapter ✓

SITE INSPECTION SHEET

OWNER: Tony Spangler PHONE #: \_\_\_\_\_  
ADDRESS: 12245 Howard Lodge Dr. CONTRACTOR: Fogles  
WELL TAG #: HO-15-0022  
SUBDIVISION: No LOT: N/A COUNTY #: ?  
PROPOSAL: Requesting to Drill a Replacement Well

LOCATION DIAGRAM



COMMENTS: 3/20/2015 Proposed well location staked by driller. Don't have records for property. Don't know where property lines are. Cannot find septic system because ground is covered with snow. (BB)  
3/23/2015 Snow has melted. Found septic system. Going to move well stake location 4' further from Howard Lodge Drive to make sure it is 10' from property line. (BB)  
3/24/2015 - Moved well location stake 4' further from Howard Lodge Drive. (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](http://www.hchealth.org)

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

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August 7, 2015

Homeowner  
12245 Howard Lodge Dr.  
Sykesville, MD 21784

RE: **Replacement Well Sampling**  
12245 Howard Lodge Dr.  
#HO-15-0022

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.** If you have any further questions, you can call me at 410-313-6287. Otherwise, call Community Hygiene at 410-313-1773 to schedule or arrange for them to collect the subsequent water samples.

Sincerely,

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

Sarah Collins  
Howard County Health Department  
Well and Septic Program

Cc: Community Hygiene Program  
File



# HOWARD COUNTY HEALTH DEPARTMENT

46317

CODES

DATE

4/16/14

US

CASH

CHECK

Received From

Steven Taylor

For

Well Permit - 12245 Howard Lodge Dr.

NO.

1881

One hundred sixty four Dollars

\$

160.00

Received By

J. King

B 1 37504

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

546317

please type

fill in this form completely

Date Received (APA) 050914

OWNER INFORMATION

Taylor Steve 12245 Howard Lodge Dr Sykesville Md 21784

B 3 LOCATION OF WELL

Howard Heritage Farms Sykesville

DRILLER INFORMATION

Joseph L Mayne MSD 024 Joseph L Mayne Well Drilling 5512 Ridge Rd Mt Airy Md 21771

B 4 SOURCES OF DRILLING WATER

1. well

12245 Howard Lodge Dr ON WHICH SIDE OF ROAD DISTANCE FROM ROAD ENTER FT OR MI

B 2 WELL INFORMATION

APPROX. PUMPING RATE 4 AVERAGE DAILY QUANTITY NEEDED 500

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

- 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

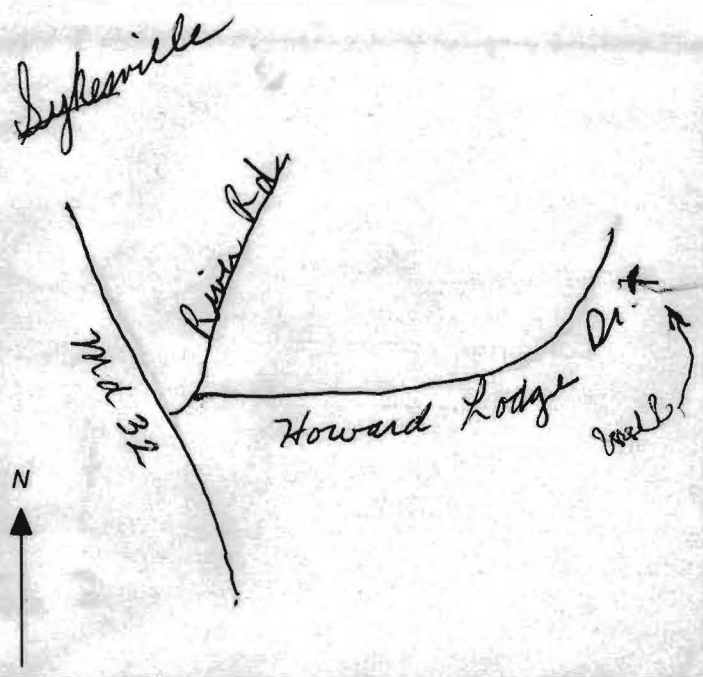
COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED CO SIGNATURE EXP. DATE

APPROXIMATE DEPTH OF WELL 260 FEET APPROXIMATE DIAMETER OF WELL 6 INCH

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

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) APPROX. PERMIT NUMBER PERMIT No.

SPECIAL CONDITIONS

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

|                            |                                |   |   |
|----------------------------|--------------------------------|---|---|
| B 1<br>3166<br>1 2 3 4 5 6 | 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 - 2690</b><br><small>70 fill in this form completely 79</small> |
|----------------------------|--------------------------------|---|---|

**OWNER INFORMATION**

Date Received (APA) \_\_\_\_\_

8 MM DD YY 13  
 TAYLOR Steve  
 15 Last Name Owner First Name 34  
 12245 HOWARD LODGE DR  
 36 Street or RFD 55  
 SKYSVILLE MD 21784  
 57 Town 70 State 72 Zip 76

**LOCATION OF WELL**

B 3  
 HOWARD  
 8 COUNTY 21  
 23 SUBDIVISION 42  
 SECTION \_\_\_\_\_ LOT \_\_\_\_\_ Parcel 123  
 44 46 48 50  
 SKYSVILLE  
 52 NEAREST TOWN 71

**DRILLER INFORMATION**

Perry HARLEY M 5 D 143  
 76 License No. 81  
 HARLEY DRILLING + HYDRO ENGR  
 Firm Name  
 Box 160 WILKESVILLE, MD  
 Address  
 Perry Harley 4-5-2014  
 Signature Date

**SOURCES OF DRILLING WATER**

B 4  
 1. DOMESTIC  
 2. WELL  
 3.

12245 HOWARD LODGE DR  
 11 STREET ADDRESS 30  
 ON WHICH SIDE OF ROAD  
 (CIRCLE APPROPRIATE BOX)  
 NORTH  
 N  
 WEST 32 EAST  
 S SOUTH  
 34 11 37  
 DISTANCE FROM ROAD  
 ENTER FT OR MI 38 39  
 TAX MAP: \_\_\_\_\_ BLK: \_\_\_\_\_ PARCEL \_\_\_\_\_

**WELL INFORMATION**

B 2  
 APPROX. PUMPING RATE 3  
 (GAL. PER MIN.) 8 12  
 AVERAGE DAILY QUANTITY NEEDED 600  
 (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 13  
 COUNTY NAME COUNTY NO.  
 STATE SIGNATURE \_\_\_\_\_ INSERT S → 41  
 DATE ISSUED 5/1/14 Andrew Hunt 5/1/15  
 43 MM DD YY 48 CO SIGNATURE EXP. DATE

APPROXIMATE DEPTH OF WELL 300 FEET  
 24 28

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

**METHOD OF DRILLING (circle one)**

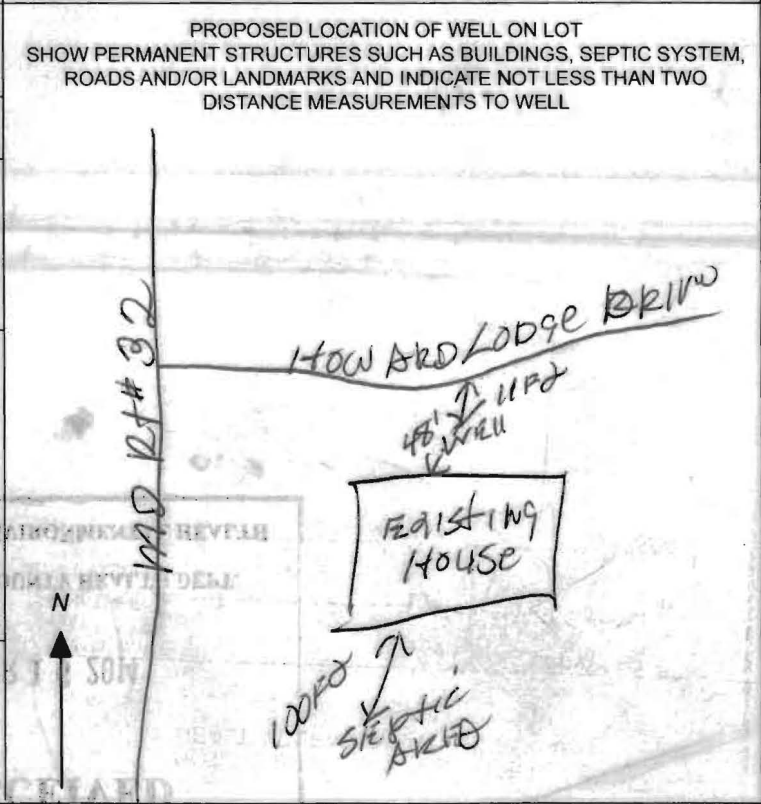
BORED (or Augered) JETTED Jetted & DRIVEN  
 30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)  
 37 CABLE REVERSE-ROTary DRIVE-POINT  
 other \_\_\_\_\_

**REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)**

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

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

APPROP. PERMIT NUMBER \_\_\_\_\_ G \_\_\_\_\_  
 PERMIT No. HO-95-2690  
 70 71 72 73 74 75 76 77 78 79



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



Bureau of Environmental Health

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[www.hchealth.org](http://www.hchealth.org)

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

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June 29, 2016

Homeowner  
12245 Howard Lodge Drive  
Sykesville, MD 21784

RE: **Old well abandonment**  
12245 Howard Lodge Drive

Dear Homeowner,

According to our records, Fogle's Well Drilling drilled a replacement well at 12245 Howard Lodge Road in March of 2015. The Health Department never received documentation that the old well was sealed.

The old well must be abandoned and sealed by a licensed well driller as per *COMAR 26.04.04.34*. A well not in use can contribute to pollution of groundwater and pose a risk to people drinking water in the area. Documentation should be submitted by the driller to the Health Department showing the well has been abandoned and sealed.

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.  
Howard County Health Department  
Well and Septic Program  
[SCollins@howardcountymd.gov](mailto:SCollins@howardcountymd.gov)  
410-313-6287

Cc: File