

B-1 8477  
1 2 3 6

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL  
518616 please type

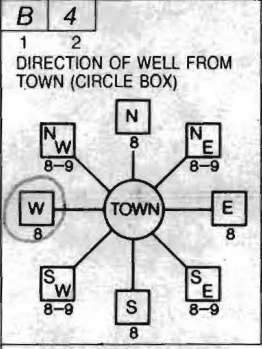
STATE PERMIT NUMBER  
HO-94-3669  
70 fill in this form completely 79

Date Received (APA) 04/07/03  
OWNER INFORMATION 9434  
8 MM DD YY 13  
15 Last Name HOROSZCZAK ANDRZEJ Owner First Name 34  
14898 BUSHY PARK RD  
36 Street or RFD 55  
WOODBINE, MD 21797  
57 Town 70 State 72 Zip 76

LOCATION OF WELL  
Howard  
8 COUNTY 21 CC#  
23 SUBDIVISION 42  
SECTION 44 46 LOT 48 50  
Cooksville  
52 NEAREST TOWN 71  
MILES FROM TOWN (enter 0 if in town) 73 M I 76 77 78

DRILLER INFORMATION  
George F. Easterday M WD 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 4/4/2003  
Signature Date

14898 Bushy Park Rd  
11 NEAR WHAT ROAD 30  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
NORTH  
WEST 32 EAST  
SOUTH  
34 85 37  
DISTANCE FROM ROAD  
ENTER FT OR MI 38 39  
TAX MAP: 8 BLK: 21 PARCEL 68



WELL INFORMATION  
APPROX. PUMPING RATE (GAL. PER MIN.) 5  
8 12  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500  
14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)  
 DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION  
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
22  INDUSTRIAL, COMMERCIAL, DEWATERING  
 PUBLIC WATER SUPPLY WELL  
 TEST, OBSERVATION, MONITORING  
 GEO-THERMAL

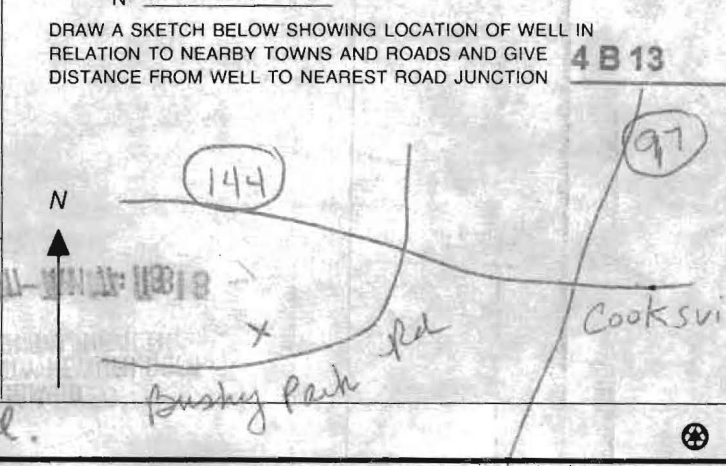
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
Howard 518047 13  
COUNTY NAME COUNTY NO.  
STATE SIGNATURE INSERT S  
DATE ISSUED 04/15/03 JELM 04/15/05  
43 MM DD YY 48 CO SIGNATURE EXP. DATE  
NORTH GRID 541 000 EAST GRID 791 000  
50 55 57 63

APPROXIMATE DEPTH OF WELL 300 FEET  
24 28  
APPROXIMATE DIAMETER OF WELL 6 INCH  
NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
SOURCES OF DRILLING WATER  
1. wells  
2.  
3.  
WRITE THE BOX NUMBER FROM THE MAP HERE  
E 790 791  
N 540 541  
X  
000 000

METHOD OF DRILLING (circle one)  
BORED (or Augered) JETTED Jetted & DRIVEN  
39 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  
39  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 DEEPEEN 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)  
APPROX. PERMIT NUMBER G  
PERMIT No. HO-94-3669  
70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS 3 Hour yeikl test is required.  
NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED.

C1 14162 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 518047

ST/CO USE ONLY DATE Received 04/10/03

DATE WELL COMPLETED 1/10/03

Depth of Well 400 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-3669

OWNER Horoscak Andrej first name TOWN Woodbine SUBDIVISION SECTION LOT Parcel 68

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Brown Slate, Gray Slate, and openings.

GROUTING RECORD form including: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CEMENT CM, BENTONITE CLAY BC), NO. OF BAGS (28), NO. OF POUNDS (2800), GALLONS OF WATER (168), DEPTH OF GROUT SEAL (68 ft).

CASING RECORD form including: casing types insert appropriate code below (ST STEEL, CO CONCRETE, PL PLASTIC, OT OTHER), MAIN CASING TYPE (ST), Nominal diameter top (main) casing (6), Total depth of main casing (94).

OTHER CASING (if used) table with columns: diameter inch, depth (feet) from, to.

SCREEN RECORD form including: screen type or open hole (insert appropriate code below: ST STEEL, BR BRASS, HO OPEN HOLE, PL PLASTIC, OT OTHER), DEPTH (nearest ft.) (92, 400).

WELL HYDROFRACTURED (Y), CIRCLE APPROPRIATE LETTER (A, E, P), 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...

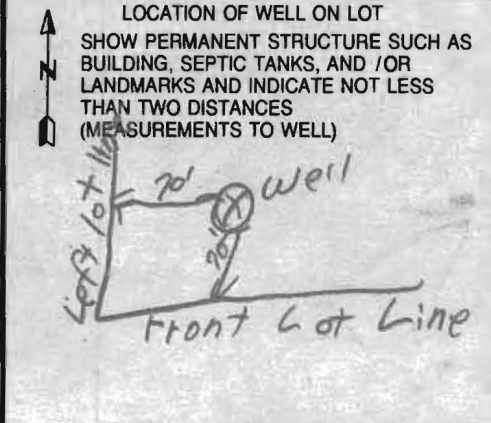
SCREEN RECORD table with columns: ACHS, 8, 9, 11, 15, 17, 21, 23, 24, 26, 30, 32, 36, 38, 39, 41, 45, 47, 51. Includes SLOT SIZE 1, 2, 3 and DIAMETER OF SCREEN (56, 60).

DRILLERS LIC. NO. 1 M W D 040, DRILLERS SIGNATURE George F. Henderson, LIC. NO. 1 J S D 038, SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) Bruce Thompson

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

PUMPING TEST form including: HOURS PUMPED (6), PUMPING RATE (3.3 gal. per min.), METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL (distance from land surface) BEFORE PUMPING (48 ft), WHEN PUMPING (113 ft), TYPE OF PUMP USED (for test) (S submersible).

PUMP INSTALLED form including: 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 (31, 35), PUMP HORSE POWER (37, 41), PUMP COLUMN LENGTH (43, 47), CASING HEIGHT (circle appropriate box and enter casing height) (+ above, - below) LAND SURFACE (2 nearest foot).



7-10-03

**FIELD DATA SHEET**  
**HOWARD COUNTY WELL YIELD TEST**

Well Permit No. HO - 94-3669  
 Location of property (road) 14898 Bushy Park Rd  
 Subdivision \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller Easterday Owner A. Horo

Depth of well 400 3APM  
 Distance of measuring point (M.P.) above ground 2 1/2 FT  
 Static water level (S.W.L.) below M.P. 48 FT

**I. High rate pumping -- reservoir drawdown**

Time pump started 10145 Pumping rate 15 GPM  
 Total time 15 min to reach pumping water level 112 ft. below M.P.

**II. Recovery pump test data - observations to be recorded every 15 minutes**

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill gallon bucket	<del>FLOW METER READING</del> (if used) Pump SET	CALCULATED FLOW (gallons per minute)
1100	112 FT	18 Sec	380 FT	3.3 GPM
1115	112 FT	18 SEC	↗	3.3 GPM
1130	112 FT	18 SEC	↗	3.3 GPM
1145	112 FT	18 SEC	↗	3.3 GPM
1200	112 FT	18 Sec	↗	3.3 GPM
1215	112 FT	18 Sec	↗	3.3 GPM
1230	112 FT	18 Sec	↗	3.3 GPM
1245	112 FT	18 SEC	↗	3.3 GPM
100	112 FT	18 SEC	↗	3.3 GPM
115	112 FT	18 Sec	↗	3.3 GPM
130	112 FT	18. sec	↗	3.3 GPM
145	112 FT	18 Sec	↗	3.3 GPM
200	112 FT	18 Sec	↗	3.3 GPM
215	113 FT	18 SEC	↗	3.3 GPM
230	113 FT	18 Sec	↗	3.3 GPM
245	113 FT	18 Sec	↗	3.3 GPM
300	113 FT	18 Sec	↗	3.3 GPM
315	113 FT	18 Sec	↗	3.3 GPM
330	113 FT	18 Sec	↗	3.3 GPM
345	113 FT	18 Sec	↗	3.3 GPM
400	113 FT	18 Sec	↗	3.3 GPM
415	113 FT	18 Sec	↗	3.3 GPM
430	113 FT	18 Sec	↗	3.3 GPM
445	113 FT	18 Sec	↗	3.3 GPM
HD-224 500	113 FT	18 Sec	380 FT	3.3 GPM

TESTED BY DICK



HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
WATER AND SEWERAGE PROGRAM  
TEL: (410)313-2640 FAX: (410)313-2648

Information Form for the Installation of the Well Pump, Pitless 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: HAFER Plumbing Inc Telephone #: 301-831-9931  
Address: 4937-A Green Valley Rd  
Monrovia MD 21220

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer  
License # and name of individual responsible for the field installation:

Name (Print): KRIST HAFER License# 7920

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

Name of Property Owner: ANDRZEJ S HORASZCZAK Telephone #: 410-489-0568  
Subdivision: \_\_\_\_\_ Lot #: \_\_\_\_\_ Well Tag #: HO-94-3669  
Site Address: 14899 Bushy Park Dr

Submersible Pump Data

Make: JACOZZI  
Model #: 7547LX2-S2  
Pump Capacity 7 GPM  
Well Yield: 4 GPM

Pitless Adapter

Make: MARTINSON  
Model #: B-10K  
Depth: 42 (36" min)  
NSF approved: ✓

Well Cap and Electric Conduit

Two piece watertight cap: ✓  
Screened, vented well cap: ✓  
Cap secured to casing: ✓  
Conduit min 18" B.G.: ✓  
Conduit secured to well cap: ✓

Depth of well encountered at time of pump installation: 420 (feet)  
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4

Torque arrestors or Cable guards are required - Must circle one

Safety rope, if used, attached to inside of well casing with eye bolt NO

Piping to house

Type: C.PVC  
PSI: 100 (160 psi min)  
Depth of supply line: 5' (36" min)

House Connection

PVC sleeved to undisturbed soil at wall penetration: yes  
Approximate length of sleeve: 7'  
Sleeve caulked and sealed properly: yes

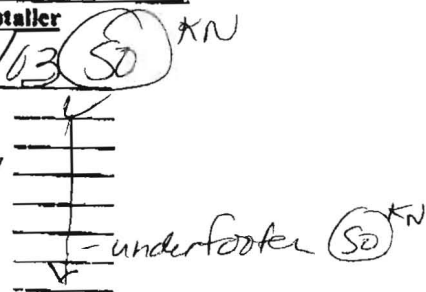
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

HAFER Plumbing Inc - Krist Hafner 3/13/03  
Signature of company representative responsible for installation date

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

Date Insp. Requested: \_\_\_\_\_ Date Insp. Approved: 8/8/03 (SD) KN

- Inspection Data: Pitless adapter and 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 installed inside of well casing
- Correct well tag attached properly and casing 8" above finished grade
- Water supply line sleeved adequately at house connection
- Adequate grout observed below pitless adapter



Andrzej & Shannon Horoszczak  
14898 Bushy Park Rd  
Woodbine, MD 21797  
Dec. 17, 2003

Mr. Brian Baker  
Howard County Health Dept.  
Environmental Health  
Ellicott City, Maryland

Dear Mr. Baker,

This letter is to confirm the details of our telephone conversation regarding the demolition of the well and septic system used with our old house at 14898 Bushy Park Rd. We have agreed to demolish the house as well as seal the well used for that house. The septic system will be pumped and then crushed and buried at the time of demolition. A certified well professional will close the well. All of this will be accomplished in the time period of ninety days from the time the use and occupancy is awarded. Thank you for your advice and patience.

Sincerely,

The image shows two handwritten signatures in black ink. The top signature is for Shannon Dee C. Horoszczak, and the bottom signature is for Andrzej Horoszczak. Both signatures are written in a cursive, flowing style.

Shannon Dee C. Horoszczak  
Andrzej Horoszczak