

C1 0807 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 13 ONSRK 8/13/01

ST/CO USE ONLY DATE RECEIVED MM DD YY 8 13

DATE WELL COMPLETED MM DD YY 8 9 01 per Driller Depth of Well 22 500 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-3119

OWNER Dale Thompson Builders last name first name STREET OR RFD Preservation Court TOWN Fulton SUBDIVISION Pindell Woods SECTION LOT 13

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

GROUTING RECORD WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (C) (B) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 25 NO. OF POUNDS 2500 GALLONS OF WATER 17.4 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 304 ft.

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 107

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

SCREEN RECORD screen type or open hole (S) (BR) (HO) (PL) (OT) STEEL BRASS BRONZE PLASTIC OPEN HOLE OTHER

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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. 1 M S D DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 M D

DEPTH (nearest ft.) 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

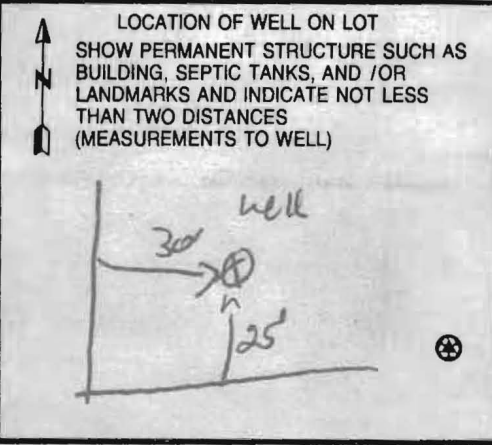
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min.) 2 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 33 ft. WHEN PUMPING 155 ft. TYPE OF PUMP USED (for test) 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 LAND SURFACE (-) below (nearest foot) 50 51



B 1 18623

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

140-94-3119

W514687

fill in this form completely

Date Received (APA)

12-13-00

OWNER INFORMATION

Thomas Dale Builders, 630 Woodside Court, Columbia, MD 21045

B 3

LOCATION OF WELL

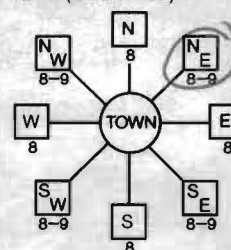
Howard County, Pindellwoods, Fultow, NEAREST TOWN

DRILLER INFORMATION

Ralph Mayne, Ralph Mayne Well Drilling, 17024 Hardy Rd. MT. Airy MD

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Reservation, NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX), DISTANCE FROM ROAD 250 FT

WELL INFORMATION

APPROX. PUMPING RATE 5 GAL. PER MIN., AVERAGE DAILY QUANTITY NEEDED 500 GAL. PER DAY

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard County, DATE ISSUED 06-10-01, CO SIGNATURE, EXP. DATE 06-10-02

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, GEO-THERMAL

APPROXIMATE DEPTH OF WELL 150 FEET, APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

METHOD OF DRILLING (circle one)

AIR-ROTary, JETTED, ROTARY (Hydraulic Rotary), DRIVE-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

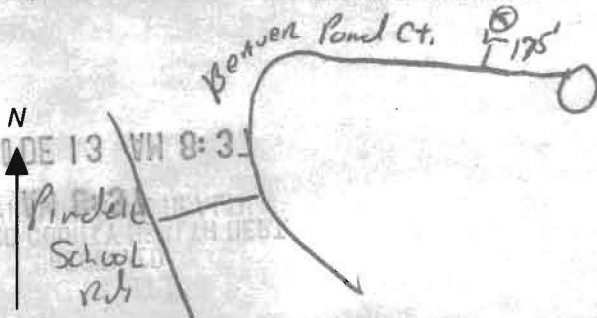
- THIS WELL WILL NOT REPLACE AN EXISTING WELL, THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED, THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS, THIS WELL WILL DEEPEM AN EXISTING WELL

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X, SOURCES OF DRILLING WATER 1. well

WRITE THE BOX NUMBER FROM THE MAP HERE

E 488, N 8203

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



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

APPROX. PERMIT NUMBER H0000 G A P 012(01), PERMIT No. 140-94-3119

SPECIAL CONDITIONS

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

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

Well Permit No. HO - 94-3119  
 Location of property (road) Preservation Court  
 Subdivision Pindell Woods Lot 13 Block      Plat      Sec.       
 Well Driller R. Mayne Owner Dale Thompson Builders

Depth of well 500  
 Distance of measuring point (M.P.) above ground 2 ft  
 Static water level (S.W.L.) below M.P. 33 ft

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

Time pump started 7:00 Pumping rate 10 GPM  
 Total time 30 min to reach pumping water level 155 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	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)	
7:00	155 ft	30 Sec		2 GPM	
7:30	155 ft	30 Sec		2 GPM	
7:45	155 ft	30 Sec		2 GPM	
8:00	155 ft	30 Sec		2 GPM	
8:15	155 "	30 "		2 "	
8:30	155 "	30 "		2 "	
8:45	155 "	30 "		2 "	
9:00	155 "	30 "		2 "	
9:15	155 ft	30 Sec		2 GPM	
9:30	155 ft	30 Sec		2 GPM	
9:45	155 ft	30 Sec		2 GPM	
10:00	155 ft	30 Sec		2 GPM	
10:15	155 "	30 "		107# casing	2 "
10:30	155 "	30 "		30' open	2 "
10:45	155 "	30 "		29 days	2 "
11:00	155 "	30 "		2 "	
11:15	155 ft	30 Sec	2 GPM		
11:30	155 ft	30 Sec	2 GPM		
11:45	155 ft	30 Sec	2 GPM		
12:00	155 ft	30 Sec	2 GPM		
12:15	155 "	30 "	2 "		
12:30	155 "	30 "	2 "		
12:45	155 "	30 "	2 "		
1:00	155 ft	30 Sec	2 GPM		
HD-224 1:15	155 ft	30 Sec	2 GPM		
1:30	155 ft	30 Sec	2 GPM		

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 26.84.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: WILLOUGHBY PLUMBING Telephone #: 410-781-7051  
Address: 1203 PATRICK DR  
SUKESVILLE, MD 21784

(Must circle one)  Licensed Plumber  Licensed Well Driller  Licensed Well Pump Installer  
License # and name of individual responsible for the field installation:  
Name (Print): CHRIS WILLOUGHBY License# 6992

\*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: MOUNT VIEW CO Telephone #: 410-998-6096  
Subdivision: PINELEAF WOODS Lot #: 13 Well Tag #: HO-99-3119  
Site Address: 12th PRESERVATION CT  
FULTON, MD

<b>Submersible Pump Data</b>	<b>Pitless Adapter</b>	<b>Well Cap and Electric Conduit</b>
Make: <u>JACOZZI</u>	Make: <u>HALVATID</u>	Two piece watertight cap: <input checked="" type="checkbox"/>
Model #: _____	Model #: _____	Screened, vented well cap: <input checked="" type="checkbox"/>
Pump Capacity: <u>6</u> GPM	Depth: <u>48"</u> (36" min)	Cap secured to casing: <input checked="" type="checkbox"/>
Well Yield: <u>2</u> GPM	NSF/WSC approved: _____	Conduit min 18" B.G.: <input checked="" type="checkbox"/>
Depth of well encountered at time of pump installation: <u>500</u> (feet)		Conduit secured to well cap: <input checked="" type="checkbox"/>

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

<b>Piping to house</b>	<b>House Connection</b>
Type: <u>CRESTLINE</u>	PVC sleeve to undisturbed soil at wall penetration: <input checked="" type="checkbox"/>
PSI: <u>1"</u> (160 psi min)	Approximate length of sleeve: <u>6"</u>
Depth of supply line: <input checked="" type="checkbox"/> (36" min)	Sleeve caulked and sealed properly: <input checked="" type="checkbox"/>

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: Chris Willoughby date: 3-18-05

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

Date Insp. Requested: \_\_\_\_\_ Date Insp. Approved: 2/21/05 Inspector: (50)  
Inspection Data: Pitless 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 seen 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 pitless adapter

MID2

1856.04'

N02°00'37"E

CIB2

G102

CIB2

G102

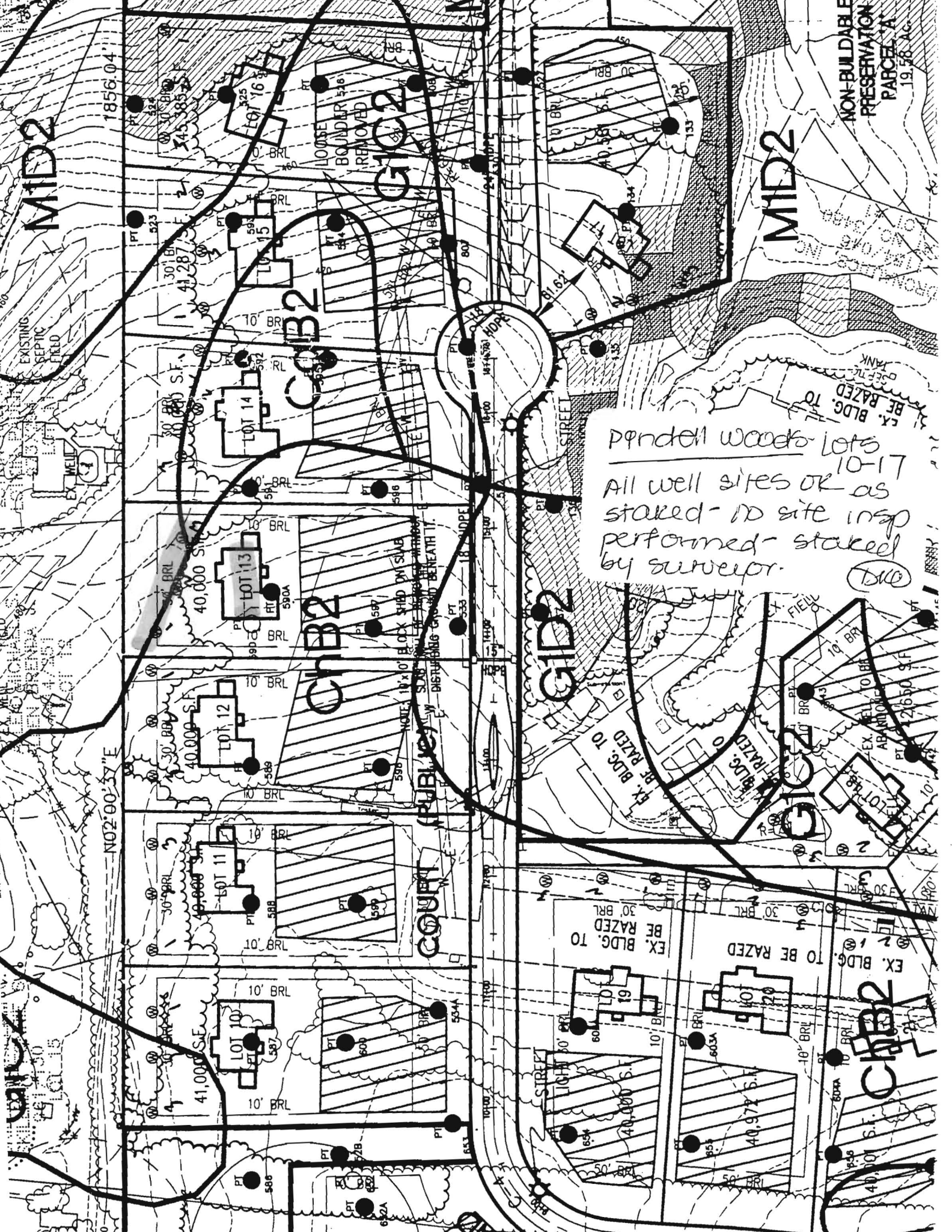
MID2

NON-BUILDABLE  
PRESERVATION  
PARCEL A  
19.58 AC.

pendell woods lots  
10-17  
All well sites or as  
staked - no site insp  
performed - staked  
by surveyor. (D&E)

COURT (PUBLIC) DISTURBING GRASS AND BENEATH IT.

NOTE: 10'x10' BLOCK SHED ON SALE  
S.D. WAS PLACED IN THE WOODS  
DISTURBING GRASS AND BENEATH IT.



N02°00'37"E  
133.33'  
33.33'

*Living Area Added  
but NOT shown*

11.0'

S87°59'23"E

300.00'

POURED  
CONCRETE  
WALLS

76.5'

180.6'

39.3'

S87°59'23"E

300.00'

139.36'

16+00

15+00

S02°00'37"W  
133.33'

14+00

2-10-05  
~~NEED~~

TO FIELD LOCATE  
WELL & STATE  
So on Plan  
(KN)

2/15/05  
Well site/drilled well  
field located by  
Marks & Assoc.  
see site ok  
(KN)

# WALL CHECK

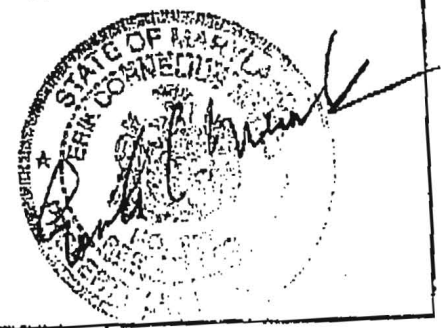
SINGLE FAMILY DWELLING  
LOT 13  
the STASIEWICZ residence  
PINDELL WOODS  
HOWARD COUNTY, MARYLAND

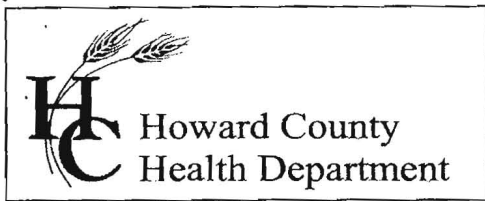
DATE: 9.13.04  
SCALE: 1" = 50'

ENGINEER  
MARKS & ASSOCIATES LLC  
4531 COLLEGE AVENUE  
ELLCOTT CITY, MARYLAND 21043  
410 747 8738

AS-BUILT ELEVATIONS:

TOP OF FNDN WALL: 492.1'





3525 H Ellicott Mills Drive, Ellicott City, MD 21043  
(410) 313-1771 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: www.hchealth.org

**Penny E. Borenstein, M.D., M.P.H., Health Officer**

July 26, 2005

Mount View LLC  
6300 Woodside Court  
Columbia, MD 21046

**SENT VIA FACSIMILE 410-381-8747**

RE: Pindell Woods, Lot 13  
7241 Preservation Court  
Fulton, MD 20759  
BP #: B00150327  
Well Permit # HO-94-3119

Dear Sirs:

This is to advise you that the septic system for the above referenced property has been installed and inspected. **Final approval of the septic system was granted on 03/11/2005. Final approval of the well line connection to the dwelling was approved on 03/21/2005.**

The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking. The water sample results were found to be in compliance with COMAR water quality standards.

**INTERIM CERTIFICATE OF POTABILITY**

This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit #HO-94-3119. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies. Based upon satisfactory investigation and evaluation, the Howard County Health Department as authorized by the Maryland Department of the Environment accepts this well system as required by COMAR 26.04.04.

This certificate may become final upon completion of the second bacteriological test, which is to be taken by the county health department within six months of receipt of this letter. **Please contact (410) 313-1773 to schedule a final water sample appointment. Currently, there is no charge for this final sampling.**

Date of Water Sample(s): 07/25/2005  
Date of Well Completion: 08/04/2001

Approving Authority,  
  
Stuart Oster, R. S.  
Well & Septic Program

cc: Building Inspector's Office  
Community Health Services  
File

MARYLAND DEPARTMENT OF THE ENVIRONMENT, WATER MANAGEMENT ADMINISTRATION  
1800 Washington Blvd., Baltimore, Maryland 21230 (410) 537-3784

\*\*\*\*\*  
WATER WELL ABANDONMENT-SEALING REPORT FORM  
\*\*\*\*\*

SUBMIT COPIES OF COMPLETED FORM TO:

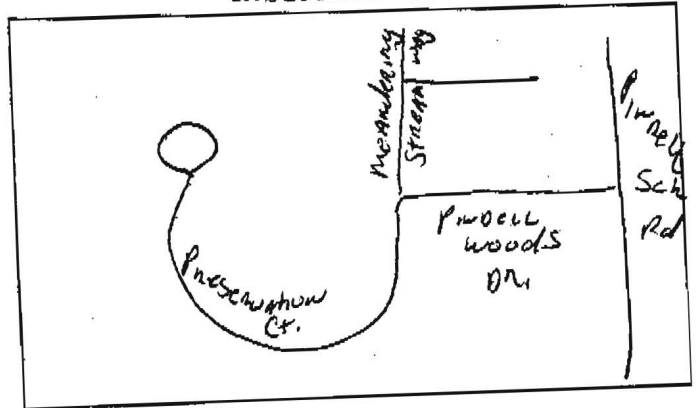
- \* COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if address needed)
- \* WELL OWNER
- \* MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: JAN 26 2006 (month/day/year)

- \* PERMIT NUMBER OF ABANDONED WELL (if any) HO - 94 - 3119
- \* PERMIT NUMBER OF REPLACEMENT WELL HO - 95 - 0081
- \* PERSON ABANDONING WELL: RALPH E. MAYNE
- \* OWNER'S NAME: DALE Thompson Blvd
- \* WELL LOCATION: 7241 Preservation Ct.
- \* COUNTY: Howard
- \* NEAREST TOWN: Columbia
- \* TAX MAP 18 BLOCK \_\_\_\_\_ PARCEL \_\_\_\_\_
- \* SUBDIVISION: Pindell woods
- \* SECTION: \_\_\_\_\_ LOT: 13
- \* NEAREST ROAD: Preservation Ct.

WELL DRILLERS LICENSE NUMBER: 117  
CIRCLE: MWD (MSD) MGD

SITE LOCATION MAP



- \* 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 1/4 INCHES IN DIAMETER
- \* DEPTH OF WELL: 150 FEET DEEP
- \* WAS ANY CASING REMOVED?  YES \_\_\_\_\_ NO  
 if yes, length removed, in feet: 2 ft
- \* WAS CASING RIPPED OR PERFORATED? \_\_\_\_\_ YES  \_\_\_\_\_ NO

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
<del>CE</del> Cement	150	-1
Top Soil	-1	0
VOLUME OF MATERIAL USED		
<u>32 BAGS</u>		

**CASSELL TESTING, INC.**

ENVIRONMENTAL SAMPLING AND TESTING  
10940 BEAVER DAM ROAD, HUNT VALLEY, MD 21030-2211  
(410) 252-7742

REPORT DATE: Jul 26, 2005

County Howard

Lab Number T-0832

Sample iced Yes

Residual Cl<sub>2</sub> <0.1 mg/L Yes

cc: County Health Dept. Yes

**CERTIFICATE OF ANALYSIS**

Maryland State Certified Water Quality  
Laboratory No. 115

REQUESTER: Dale Thompson Builders  
6300 Woodside Court  
Columbia, Maryland 21046

Property Sampled: U&amp;O: 7241 Preservation Court

Station Sampled: Powder room &amp; pressure tank taps

Tax Map #:

Date/Time Sampled: Jul 25, 2005 1:20 pm

Parcel #:

Owner, Telephone No.:

Sampler: 67246P

Subdivision Name: Pindell Woods

Lot Number: CW13

Building Permit No.: B00150327

Well Number: HQ-94-3119

Observation: 2-Piece Cap  
Satisfactory**RESULTS OF ANALYSIS:**

PARAMETER	RESULT	METHOD	*MCL/**SMCL	
Nitrate	<1.0 mg/L as N	SM 4500D	*10 mg/L as N	Pass
Turbidity (Raw)	4.0 NTU	EPA 180.1	*10 NTU	Pass
pH	7.6 Units	EPA 150.1	**6.5-8.5 Units	***
Sand	Negative		Negative	
Total Coliform	Absent	SM 9223B	*Absent	SAFE
E. coli (18 Hour Test)	Absent	SM 9223B	*Absent	SAFE

Treatment/Conditioning: Sediment filter

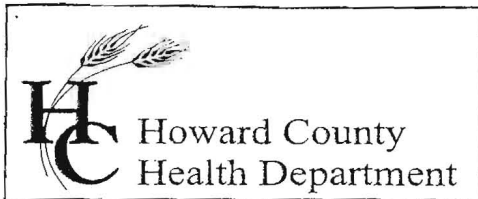
\*\*\*A non-enforceable parameter that may cause cosmetic effects or aesthetic effects (such as taste, odor, or color) in drinking water.



Heather R. Beam

\*MCL = Maximum Contamination Level

\*\*SMCL = Secondary Maximum Contamination Level



Bureau of Environmental Health  
7178 Columbia Gateway Drive, Columbia, MD 21046  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

November 8, 2005

Susan Stasiewicz  
7241 Preservation Ct.  
Fulton, MD 20759

RE: **Replacement Well Issues**  
7241 Preservation Ct.  
Well Permit #: HO-95-0081

Dear Sir or Madam:

Health Department records indicate that the replacement well permitted #HO-95-0081 has tested positive for coliform bacteria on more than one occasion. **Water from this source should not be consumed until the bacteria problem has been resolved.** Under current circumstances Howard County Health Department recommends the use of bottled water for consumption and cooking.

To assure that the water from this source is safe for human consumption, it is recommended that you have your water sampled again to assure that this source has been properly disinfected and potability of the water has been confirmed. If a passing test result has already been achieved, please forward these results to Howard County Health Department via facsimile to my attention at (410) 313-2648 for our records to be completed. If this is not the case please contact the Community Hygiene Program at (410) 313-1773 to schedule additional water sampling for the referenced replacement well. **Currently, there is no charge for this sampling.**

**Additionally, since the original water supply that served this house is a well that is no longer being used, proper disconnection and sealing must occur in order to comply with Code of Maryland Regulations (COMAR 26.04.04.11). This sealing process is important to protect the groundwater resource from potential contamination and to restore the subsurface geologic conditions which existed before the well was drilled. Sealing of wells should be performed by a licensed well driller and proper abandonment documentation should be submitted to Howard County Health Department, Bureau of Environmental Health.**

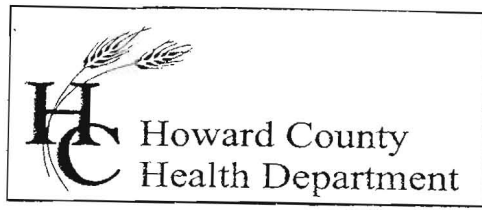
If you have any questions, or would like to discuss these matters further, please call me directly at (410) 313-2775. Thank you for your attention to these important issues.

Respectfully,

Gabriel A. Creighton  
Sanitarian, Well & Septic Program

GAC

cc: Community Hygiene Program file  
Well & Septic Program file  
8854 Herons Flight  
Laurel, MD 20723



Bureau of Environmental Health  
7178 Columbia Gateway Drive, Columbia, MD 21046  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

December 16, 2005

Susan Stasiewicz  
7241 Preservation Ct.  
Fulton, MD 20759

RE: **Replacement Well Issues/  
Well Abandonment**  
7241 Preservation Ct.  
Well Permit #: HO-95-0081

Dear Sir or Madam:

Our records indicate that the replacement well #HO-95-0081 has replaced the well #HO-94-3119 as of 8/12/05, and the latter well is no longer in use. State and local regulations require that wells no longer in use be sealed in an appropriate manner. Sealing of wells should be performed by a licensed well driller and proper abandonment/sealing documentation should be submitted to Howard County Health Department, Bureau of Environmental Health. **Failure to properly seal an abandoned well may result in fines and/or criminal prosecution.** This situation will be re-evaluated in approximately thirty days to determine if enforcement action is needed.

If you have any questions, or would like to discuss these matters further, please call me directly at (410) 313-2775. Thank you for your attention to this important issue.

Respectfully,

Gabriel A. Creighton  
Sanitarian, Well & Septic Program

gac

cc: Well & Septic Program file

WPI-PM

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: WILLOUGHBY PLUMBING Telephone #: 410-781-7051  
Address: 1603 PATRICK DR.  
SYKEVILLE MD.

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

License # and name of individual responsible for the field installation:  
Name (Print): Chris Willoughby License# 6992

\*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: MOUNT VIEW LLC Telephone #: 410-995-6736  
Subdivision: 7241 PRESERVATION CT. Lot #: 13 Well Tag #: HO 95-0081  
Site Address: FULTON MD.

**Submersible Pump Data** Pitless Adapter Well Cap and Electric Conduit  
Make: SACUZZI Make: HANCOCK Two piece watertight cap:   
Model #: \_\_\_\_\_ Model #: \_\_\_\_\_ Screened, vented well cap:   
Pump Capacity 5 GPM Depth: 600 (36" min) Cap secured to casing:   
Well Yield: 3 GPM NSF approved: \_\_\_\_\_ Conduit min 1 1/2" B.G.:   
Depth of well encountered at time of pump installation: \_\_\_\_\_ (feet) Conduit secured to well cap:   
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 \_\_\_\_\_

**Piping to house** House Connection  
Type: Crestline PVC sleeved to undisturbed soil at wall penetration:   
PSI: 1/2" (160 psi min) Approximate length of sleeve: 6'  
Depth of supply line:  (36" min) Sleeve capped and sealed properly:

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: Chris Willoughby date: 8/11/05

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

Date Insp. Requested: 8/12/05 pm Date Insp. Approved: 8/12/05 (BB)  
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 grommets observed below pitless adapter

C1 6658

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 A220023

ST/CO USE ONLY DATE Received DATE MM DD YY 8 13

DATE WELL COMPLETED MM DD YY 8/10/05 15 20

Depth of Well 22 6.00 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" A513574-M 10-95-0081

OWNER Dale Thompson Bluffs last name first name STREET OR RFD 7241 Preservation Dr TOWN Fulton SUBDIVISION Woodruff Woods SECTION LOT 13

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 Top Soil, Brown mica, Gray mica, Sandstone, etc.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC NO. OF BAGS 29 NO. OF POUNDS 2900 GALLONS OF WATER 174 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 60 ft.

CASING RECORD

MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 6 63 Total depth of main casing (nearest foot) 90 66 70

OTHER CASING (if used)

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

SCREEN RECORD

screen type or open hole ST BR HO BRONZE PL OT PLASTIC OTHER

DEPTH (nearest ft.)

Table for DEPTH with columns: 1-6, 8-11, 13-16, 18-21, 23-26, 28-31, 33-36, 38-41, 43-46, 48-51

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

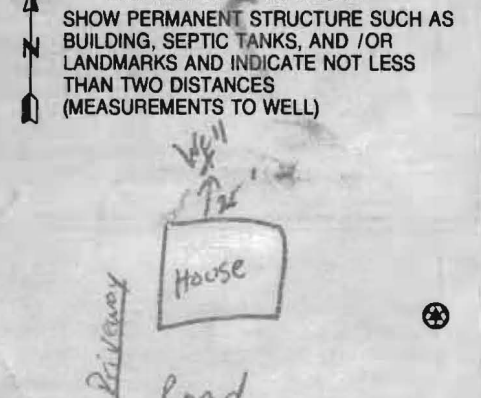
PUMPING TEST

HOURS PUMPED (nearest hour) 3 8 9 PUMPING RATE (gal. per min.) 2.8 11 15 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 50 17 20 ft. WHEN PUMPING 1000 22 25 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 2 (nearest foot)

LOCATION OF WELL ON LOT



NUMBER OF UNSUCCESSFUL WELLS: 1

WELL HYDROFRACTURED yes no 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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. 1 M/D D 040 157 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 A/D 788

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

B 1 8948

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type

STATE PERMIT NUMBER

HO - 95 - 0081

fill in this form completely

523073

Date Received (APA)

08/05/05

OWNER INFORMATION

Thompson Builders 6300 Woodside Ct. Columbia MD 21045

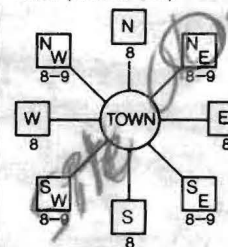
LOCATION OF WELL

Howard Pindell woods SECTION 44 LOT 13 NEAREST TOWN Fulton MILES FROM TOWN 3

DRILLER INFORMATION

Ralph E. Maywe MS D 117 Ralph E. Maywe Inc 17024 Handy Rd Mt Airy MD 21771

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Preservation Ct. ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD 275 ENTER FT OR MI 4 TAX MAP: 41

WELL INFORMATION

APPROX. PUMPING RATE 5 (GAL. PER MIN.) AVERAGE DAILY QUANTITY NEEDED 500 (GAL. PER DAY)

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- Domestic Potable Supply & Residential Irrigation (circled) Farming (Livestock Watering & Agricultural Irrigation) Industrial, Commercial, Dewatering Public Water Supply Well Test, Observation, Monitoring Geo-Thermal

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME STATE SIGNATURE DATE ISSUED 8/5/05 CO SIGNATURE EXP. DATE 9/5/06 NORTH GRID 488 000 EAST GRID 823 000

APPROXIMATE DEPTH OF WELL 250 FEET

APPROXIMATE DIAMETER OF WELL 64 INCH

METHOD OF DRILLING (circle one)

AIR-ROTARY (circled) JETTED ROTARY (Hydraulic Rotary) DRIVE-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL (circled) 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 DEEPEMED 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 HO 000 G 812/00 PERMIT No. HO - 95 - 0081

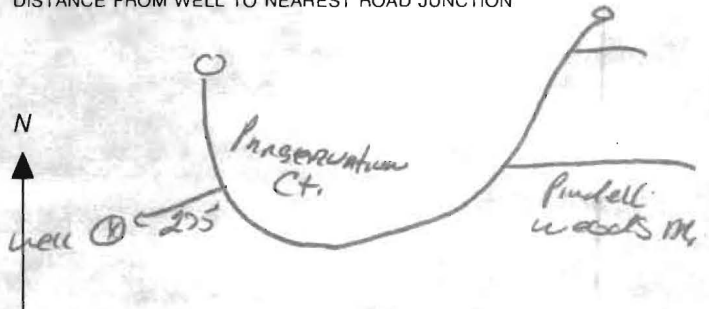
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1. well

WRITE THE BOX NUMBER FROM THE MAP HERE

E 488 823 N 820 488

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



SPECIAL CONDITIONS

**CASELL TESTING, INC.**

ENVIRONMENTAL SAMPLING AND TESTING  
 10940 BEAVER DAM ROAD, HUNT VALLEY, MD 21030-2211  
 (410) 252-7742

REPORT DATE: Nov 30, 2005

County Howard

Lab Number 06-1307

Sample iced Yes

Residual Cl<sub>2</sub> <0.1 mg/L Yes

cc: County Health Dept. Yes

**CERTIFICATE OF ANALYSIS**

Maryland State Certified Water Quality  
 Laboratory No. 115

REQUESTER: Dale Thompson Builders  
 6300 Woodside Court  
 Columbia, Maryland 21046

Property Sampled: U&O: 7241 Preservation Court, NEW WELL, Retest #2

Station Sampled: 1st floor bathroom tap

Tax Map #: 41

Date/Time Sampled: Nov 29, 2005 11:55 am

Parcel #: 274

Owner, Telephone No.: Stasiewicz

Sampler: 6724GP

Subdivision Name: Pindell Woods

Lot Number: CW13

Building Permit No.: B00150327

Well Number: HO-95-0081

Observation: 2-Piece Cap  
 Satisfactory

**RESULTS OF ANALYSIS:**

PARAMETER	RESULT	METHOD	*MCL/**SMCL	
Total Coliform	Absent	SM 9223B	*Absent	SAFE
E. coli (18 Hour Test)	Absent	SM 9223B	*Absent	SAFE

Treatment/Conditioning: Sediment filter

*Heather R. Beam*

Heather R. Beam

\*MCL = Maximum Contamination Level  
 \*\*SMCL = Secondary Maximum Contamination Level

**CASELL TESTING, INC.**

ENVIRONMENTAL SAMPLING AND TESTING  
10940 BEAVER DAM ROAD, HUNT VALLEY, MD 21030-2211  
(410) 252-7742

REPORT DATE: Aug 25, 2005

County Howard

Lab Number T-1413

Sample iced Yes  
Residual Cl<sub>2</sub> <0.1 mg/L Yes

cc: County Health Dept. Yes

**CERTIFICATE OF ANALYSIS**

Maryland State Certified Water Quality  
Laboratory No. 115

REQUESTER: Dale Thompson Builders  
6300 Woodside Court  
Columbia, Maryland 21046

Property Sampled: U&amp;D: 7241 Preservation Court, NEW WELL

Station Sampled: Outside front tap

Tax Map #: 41

Date/Time Sampled: Aug 24, 2005 1:00 pm

Parcel #: 274

Owner, Telephone No.: Stasiewicz

Sampler: 6724GP

Subdivision Name: Pindell Woods

Lot Number: CW13

Building Permit No.: B00150327

Well Number: HQ-95-0081

Observation: 2-Piece Cap  
Satisfactory

**RESULTS OF ANALYSIS:**

PARAMETER	RESULT	METHOD	*MCL/**SMCL	
Nitrate	<1.0 mg/L as N	SM 4500D	*10 mg/L as N	Pass
Turbidity	9.0 NTU	EPA 180.1	*10 NTU	Pass
pH	6.8 Units	EPA 150.1	**6.5-8.5 Units	***
Sand	Negative		Negative	
Total Coliform	PRESENT	SM 9223B	*Absent	UNSAFE
E. coli (18 Hour Test)	PRESENT			

Treatment/Conditioning: Unable to gain access into house to observe.

\*\*\*A non-enforceable parameter that may cause cosmetic effects or  
aesthetic effects (such as taste, odor, or color) in drinking water.

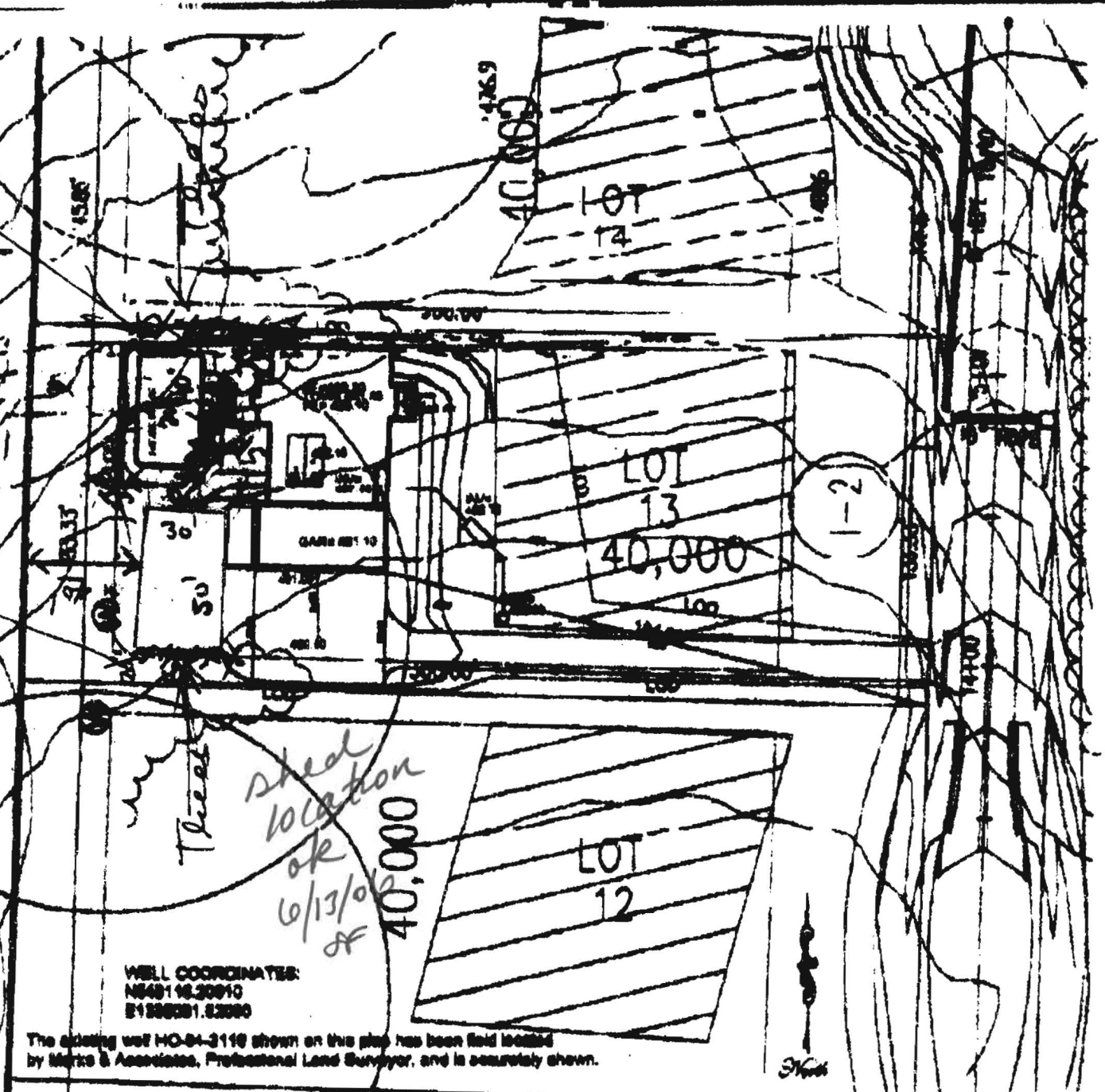


Heather R. Beam

\*MCL = Maximum Contamination Level

\*\*SMCL = Secondary Maximum Contamination Level

Will plot goes along side of 7 trees on road



WELL COORDINATES:  
 N64°11'16.30\"/>

The existing well HO-04-3110 shown on this plan has been field located by Marks & Associates, Professional Land Surveyor, and is accurately shown.

3001100013

### PLOT PLAN

**SINGLE FAMILY DWELLING**  
**LOT 13**  
 the STASIEWICZ residence  
 PINDELL WOODS  
 HOWARD COUNTY, MARYLAND

DATE: 9.13.04  
 SCALE: 1" = 50'

OWNER/BUILDER:  
**DALE THOMPSON BUILDERS**  
 688 WOODSIDE COURT, SUITE A  
 COLUMBIA, MD. 21046  
 410-993-0130

FINISHED ELEVATIONS	
BASEMENT FLOOR	489.63
TOP OF FIN WALL	481.80
FIRST FLOOR	485.10
INLET OUT OF HOUSE	487.50
INLET INTO TANK	486.75
INLET OF DISTRIBUTION BOX	486.00
GRADE AT SEPTIC TANK	486.00
GRADE AT DISTRIBUTION BOX	486.00
FINISH SPECIFICATIONS	
IF ASPHALT OVER 4 CRG-PR	
OR ASPHALT OVER 2 CRG-PR	
30 LF OF FILTER CLOTH BEGINNING AT DRIVEWAY APRON	

? approval APV  
 3m-5m Multiple use