

C 1 07596

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED. 8/2/00

COUNTY NUMBER A592763

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED MM DD YY 08 13 00

Depth of Well 22 185 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2548

OWNER TBI Homes last name first name TOWN Greenwood SUBDIVISION Pleasantfields @ CatHail SECTION LOT 14

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, Sandy, Sand Stone, MICKA, Sand Stone, MICKA.

GROUTING RECORD WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL (CM, BC) NO. OF BAGS, NO. OF POUNDS

DEPTH OF GROUT SEAL (to nearest foot) from 8 ft. to 38 ft.

CASING RECORD MAIN CASING TYPE PL, Nominal diameter 6, Total depth 38

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

SCREEN RECORD screen type or open hole (ST, BR, HO, PL, OT) insert appropriate code below

DEPTH (nearest ft.) HO 36 185

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

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

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

DRILLERS LIC. NO. 1 M SD 116 DRILLERS SIGNATURE Lic. No. 1 M SD 116

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

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 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST 3 HOURS PUMPED (nearest hour) 8 9

PUMPING RATE (gal. per min.) 10 PUMPING RATE MEASURE PUMPING RATE Bucket

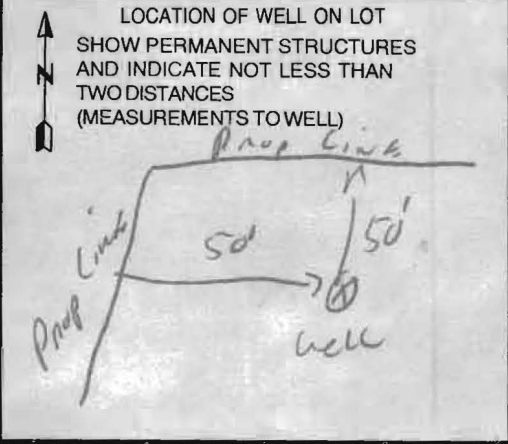
WATER LEVEL (distance from land surface) BEFORE PUMPING 40 ft. WHEN PUMPING 50 ft.

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 (CIRCLE) (YES OR NO) YES NO

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 2 (nearest foot)



B 1 1916

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-2548 fill in this form completely

Date Received (APA) 010200

OWNER INFORMATION

TBI Homes Inc, 7320 Grace Dr, Columbia MD 21044

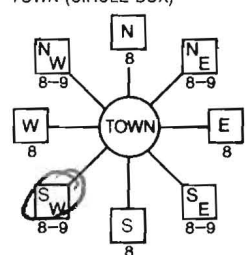
LOCATION OF WELL

Howard County, Peacefields CATTAL Creek, SECTION 44-46 LOT 14, SLEAWOOD, NEAREST TOWN

DRILLER INFORMATION

Ralph MAYNE, M SD 112, Ralph MAYNE well Drilling, 9120 Brown Church Rd Mt Airy, Md

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



CATTAL OAKS, NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX), DISTANCE FROM ROAD 1200 FT

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, 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 Co A59276S, COUNTY NAME, COUNTY NO., DATE ISSUED 01/11/00, CO SIGNATURE, EXP. DATE

APPROXIMATE DEPTH OF WELL 150 FEET, APPROXIMATE DIAMETER OF WELL 6 1/2 INCH

METHOD OF DRILLING (circle one)

BORED (or Augered), AIR-ROTary, JETTED, AIR-PERCussion, ROTARY (Hydraulic Rotary), DRIVE-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

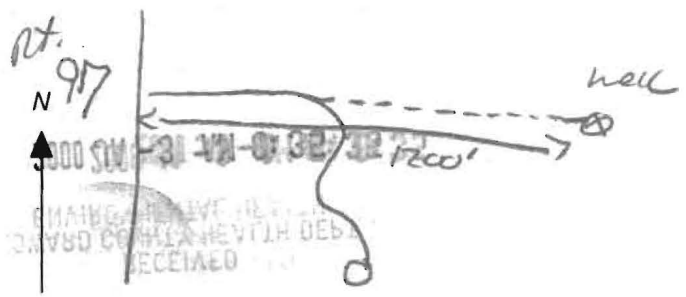
- THIS WELL WILL NOT REPLACE AN EXISTING WELL, THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED, THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS, THIS WELL WILL DEEPEM AN EXISTING WELL

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

7/13/00 Grout 8am No insp.

WRITE THE BOX NUMBER FROM THE MAP HERE, E 250, N 522

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 HO 99 GAP 9015, PERMIT No. HO-94-2548

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

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: Do-It Plumbing Heating Telephone #: 410-531-2330
Address: 11350 Frederick Rd.
Ellicott City Md 21042

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): Duane G. Birds License# 21899

*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: County Homes Telephone #: 410-713-8722
Subdivision: Pealesfields Lot #: P-B Well Tag #: HO-94-2548
Site Address: 15509 Cattail Walk
Glenwood Md 21738

Submersible Pump Data **Pitless Adapter** **Well Cap and Electric Conduit**
Make: ITACUZZI Make: Brass Two piece watertight cap: YES
Model #: T154521 XV +52 Model#: _____ Screened, vented well cap: YES
Pump Capacity 7 GPM Depth: (36" min) Cap secured to casing: YES
Well Yield: 10 GPM NSF approved: Conduit min 18" B.G.: YES
Depth of well encountered at time of pump installation: 185 (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 or Cable guards are required - Must circle one
Safety rope, if used, attached to inside of well casing with eye bolt YES

Piping to house **House Connection**
Type: one inch Black Poly. PVC sleeved to undisturbed soil at wall penetration: YES
PSI: 1/2 (160 psi min) Approximate length of sleeve: 10 FT.
Depth of supply line: 4 (36" min) 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.

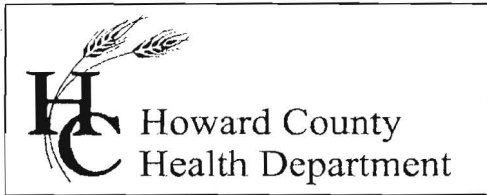
Signature of company representative responsible for installation: [Signature] date: 12-1-05

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

Date Insp. Requested: _____ Date Insp. Approved: 2/7/06 GAC/s0
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

Inspected?
Cap Not Glued
On, Conduit
Not Connected
to Cap.

2/3/06 66 - still not fixed
2/7/06 cap glued, conduit ok
approved? GAC



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

February 8, 2006

Trinity Quality Homes
3675 Park Avenue, #301
Ellicott City, MD 21043

SENT VIA FACSIMILE 410-313-8731

RE: Peacefields @ Cattail Creek, PP-B
15509 Cattail Oaks
Glenwood, MD 21738
BP #: B00148079
Well Permit # HO-94-2548

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 01/26/2006. Final approval of the well line connection to the dwelling was approved on 12/07/2006.**

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-94-2548. 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): 12/16/2005 & 12/27/2005
Date of Well Completion: 07/13/2000

Approving Authority,

Stuart Oster, R. S.
Well & Septic Program

cc: Building Inspector's Office
Community Health Services
File

12
Sq.Ft.* TOTAL
(SET *112)
Sq.Ft.* PIPESTEM
(SET *119)
Sq.Ft.* NET

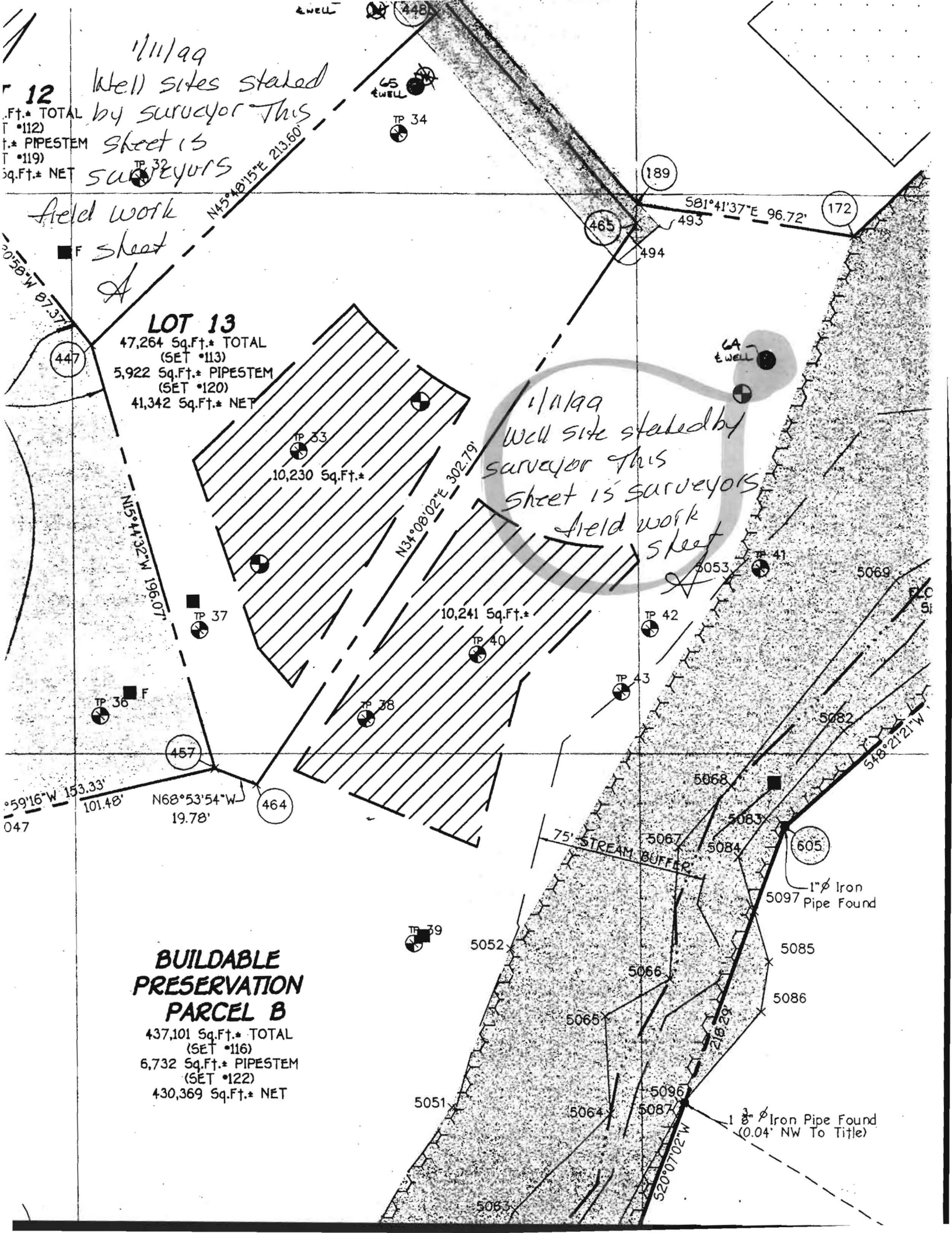
1/11/99
Well sites stated
by surveyor this
sheet is
surveyors
field work

LOT 13
47,264 Sq.Ft.* TOTAL
(SET *113)
5,922 Sq.Ft.* PIPESTEM
(SET *120)
41,342 Sq.Ft.* NET

1/11/99
Well site stated by
surveyor this
sheet is surveyors
field work

**BUILDABLE
PRESERVATION
PARCEL B**

437,101 Sq.Ft.* TOTAL
(SET *116)
6,732 Sq.Ft.* PIPESTEM
(SET *122)
430,369 Sq.Ft.* NET



CASSELL TESTING, INC.

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

REPORT DATE: Dec 28, 2005

County Howard

Lab Number 06-1692

Sample iced Yes

Residual Cl₂ <0.1 mg/L Yes

cc: County Health Dept. Yes

CERTIFICATE OF ANALYSIS

Maryland State Certified Water Quality

Laboratory No. 115

REQUESTER: Trinity Builders
Attn: Lynn
3675 Park Avenue
Suite 301
Ellicott City, Maryland 21043

Property Sampled: U&D: 15509 Cattail Oaks, Retest #1

Station Sampled: Laundry Sink Tap

Tax Map #: 21

Date/Time Sampled: Dec 27, 2005 11:55 am

Parcel #: 63

Owner, Telephone No.: Pusheck

Sampler: 6724GP

Subdivision Name: Peacefields at Cattail Creek

Lot Number: Parcel B

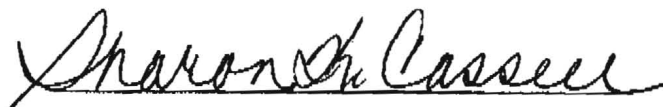
Building Permit No.: B00148079

Well Number: HD-94-2548

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: NONE



Sharon K. Cassell

*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: Dec 19, 2005

County Howard

Lab Number 06-1592

Sample iced Yes
Residual Cl₂ <0.1 mg/L Yes

cc: County Health Dept. Yes

CERTIFICATE OF ANALYSIS

Maryland State Certified Water Quality
Laboratory No. 115

REQUESTER: Trinity Builders
Attn: Lynn
3675 Park Avenue
Suite 301
Ellicott City, Maryland 21043

Property Sampled: U&O: 15509 Cattail Oaks

Station Sampled: Laundry Sink Tap

Date/Time Sampled: Dec 16, 2005 11:00 am

Owner, Telephone No.: Pusheck

Subdivision Name: Peacefields at Cattail Creek

Building Permit No.: B00148079

Well Number: HD-94-2548

Tax Map #: 21

Parcel #: 63

Sampler: 67246P

Lot Number: Parcel B

Observation: 2-Piece Cap
Satisfactory

RESULTS OF ANALYSIS:

PARAMETER	RESULT	METHOD	*MCL/**SMCL	
Nitrate	8.5 mg/L as N	SM 4500D	*10 mg/L as N	Pass
Turbidity	<1.0 NTU	EPA 180.1	*10 NTU	Pass
pH	5.8 Units	EPA 150.1	**6.5-8.5 Units	***
Sand	Negative		Negative	
Total Coliform	PRESENT	SM 9223B	*Absent	UNSAFE
E. coli (18 Hour Test)	Absent			

Treatment/Conditioning: NONE

***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