

C1 04046 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED. COUNTY NUMBER 13

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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

DATE WELL COMPLETED MM DD YY 9 14 98 Depth of Well 140 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-1741

OWNER HIGHLAND OSU, CMC STREET OR RFD TOWN DAYTON SUBDIVISION B16 BRANCH WARDEN SECTION 1 LOT 5

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Sand (0-43) and Gray Mica Rock (43-140).

GROUTING RECORD form including WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM), NO. OF BAGS (18), NO. OF POUNDS (108), GALLONS OF WATER, DEPTH OF GROUT SEAL (44).

CASING RECORD form including casing types (ST, CO, PL, OT), MAIN CASING TYPE (ST), Nominal diameter (6), Total depth (47).

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

SCREEN RECORD form including screen type (ST, BR, PL, HO, OT), DEPTH (nearest ft.) 46.

WELL HYDROFRACTURED (Y), NUMBER OF UNSUCCESSFUL WELLS (0).

CIRCLE APPROPRIATE LETTER: A (well abandoned), E (electric log), P (test well converted).

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. M D 027, DRILLERS SIGNATURE (Larry Wayne), LIC. NO. M D 027.

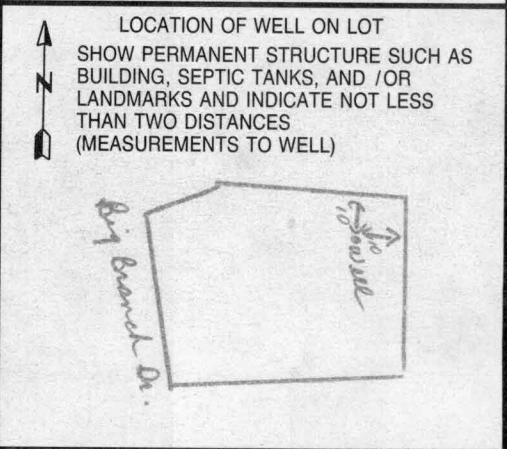
SITE SUPERVISOR (signature of driller or journeyman responsible for sitework if different from permittee)

DEPTH table with columns: 1-21, 23-36, 38-51, SLOT SIZE 1-3, DIAMETER OF SCREEN (56, 60).

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 (3), PUMPING RATE (7.5), METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL (10 ft before, 73 ft when pumping), TYPE OF PUMP USED (S - submersible).

PUMP INSTALLED form including DRILLER WILL INSTALL PUMP (NO), TYPE OF PUMP INSTALLED (S), PLACE (29), CAPACITY (GALLONS PER MINUTE), PUMP HORSE POWER, PUMP COLUMN LENGTH (43).



B 1 6731

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER Ho-94-1741 fill in this form completely

Date Received (APA) 8 31 98

OWNER INFORMATION

Highland Development CMC P.O. Box 228 Clarksville Md. 21029

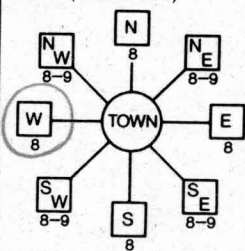
LOCATION OF WELL

Howard Big Branch Overlook Dayton 3 MILES FROM TOWN

DRILLER INFORMATION

Joseph L. Maupie MS D024 Joseph L. Maupie Well Drilling 5512 Ridge Rd. Mt. Airy 21778

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Big Branch Dr. NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD 20 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 13 COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 9 10 98 CO SIGNATURE EXP. DATE 9 10 99

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 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) 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 DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED

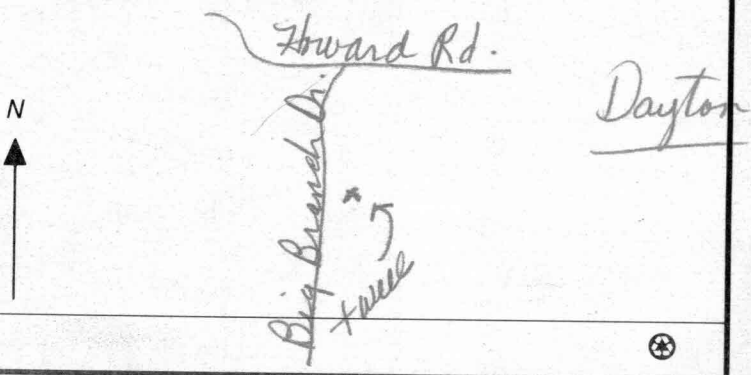
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1. Well

WRITE THE BOX NUMBER FROM THE MAP HERE

E 790 N 510

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 54 G A P 63 PERMIT No. Ho-94-1741

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: Fogles Well Drilling Telephone #: 410-795-5670  
Address: 580 Obrecht Rd  
Sykesville, 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): Allen Compton License# MSD 009  
\*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.

Big Branch

Name of Property Owner: Toll Brothers Telephone #: 443-535-9296  
Subdivision: ~~Colony~~ ~~Colony~~ Lot #: 5 Well Tag #: HO - 94-1741  
Site Address: Big Branch Dr

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>Goulds</u>	Make: <u>Campbell</u>	Two piece watertight cap: <u>YES</u>
Model #: _____	Model#: _____	Screened, vented well cap: <u>YES</u>
Pump Capacity <u>5</u> GPM	Depth: <u>42"</u> (36" min)	Cap secured to casing: <u>YES</u>
Well Yield: <u>7.5</u> GPM	NSF/WSC approved: <u>YES</u>	Conduit min 18" B.G.: <u>YES</u>
Depth of well encountered at time of pump installation: <u>140</u> (feet)		Conduit secured to well cap: <u>YES</u>

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 NO

<u>Piping to house</u>	<u>House Connection</u>
Type: <u>Black Plastic</u>	PVC sleeve to undisturbed soil at wall penetration: <u>YES</u>
PSI: <u>160</u> (160 psi min)	Approximate length of sleeve: <u>5'</u>
Depth of supply line: <u>42"</u> (36" min)	Sleeve caulked and sealed properly: <u>YES</u>

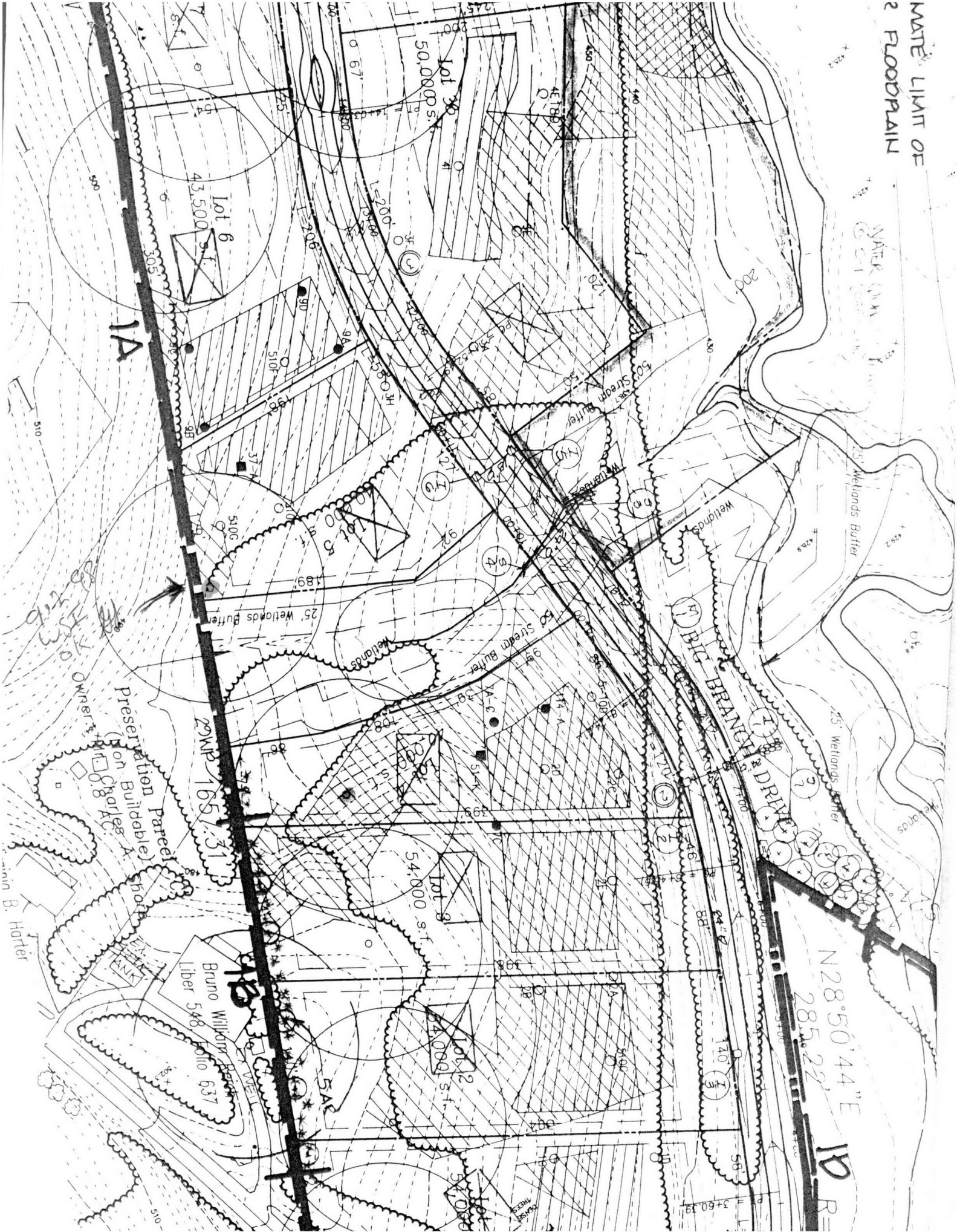
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: Allen Compton date: 6-6-01

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

Date Insp. Requested: 6/1/01 Date Insp. Approved: 7/27/01 Inspector: MR/DKC  
Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade   
Two piece cap installed and attached to casing securely  BB  
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

WATER LIMIT OF  
FLOODPLAIN



WATER GAIN

1A

RIG BRANCH DRIVE

Preservation Parcel  
(on Charles A. ...  
B. Horner)

Bruno Williams  
Liber 548, 637

N28.50'44"E  
285.22'

1D R

Lot 9  
50,000 s.f.

Lot 6  
43,500 s.f.

Lot 9  
54,000 s.f.

Lot 12  
54,000 s.f.

Lot 10  
54,000 s.f.

Wetlands

25' Wetlands Buffer

50' Stream Buffer

50' Stream Buffer

25' Wetlands Buffer

25' Wetlands Buffer

Wetlands

510

500

305

310

310

310

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