

C1 3701

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 P520029B

ST/CO USE ONLY

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED MM DD YY

6 11 04

22 300 26 (TO NEAREST FOOT)

9/9/04 O.K. (signature)

H0-94-3962

OWNER Seils Jonathan STREET OR RFD 4791 Morning Star Drive TOWN Dayton SUBDIVISION Linden Chapel Hills SECTION LOT 11B

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)

FEET FROM TO

check if water bearing

Brown mica 0 60 Gray mica 60 95 White 95 166 Gray mica 96 300

concrete 0 70 Rock (cuttings) 70 300 concrete 0 70 Rock (cuttings) 70 300

NUMBER OF UNSUCCESSFUL WELLS: 2

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 28.04.04 "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 MSD 007

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 D

SITE SUPERVISOR (sign. of driller or journeyman)

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 24 NO. OF POUNDS 2256

GALLONS OF WATER 144

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 59 ft. (enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

ST STEEL CO CONCRETE PL PLASTIC OT OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

PL 6 66

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

SCREEN RECORD

screen type or open hole insert appropriate code below

ST STEEL BR BRASS PL PLASTIC HO OPEN HOLE OT OTHER

DEPTH (nearest ft.)

H0 66 300

E A C H S C R E E N

1 8 9 11 15 17 21

2 23 24 26 30 32 36

3 38 39 41 45 47 51

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

56 60 from to

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

TELESCOPE LOG 74 75 76

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 01

PUMPING RATE (gal. per min.) 2

METHOD USED TO MEASURE PUMPING RATE 190L

WATER LEVEL (distance from land surface)

BEFORE PUMPING 54 ft.

WHEN PUMPING 290 ft.

TYPE OF PUMP USED (for test)

A air P piston T turbine

C centrifugal R rotary O other (describe below)

J jet S submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) (YES OR NO) 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

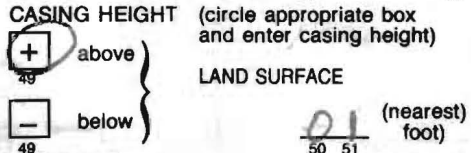
CASING HEIGHT (circle appropriate box and enter casing height)

+ above LAND SURFACE

- below 01 (nearest foot)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



B 1 5762

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-94-3962

520322 please print or type

fill in this form completely

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13
Seils, Jonathan
4991 Morning Star Drive
Dayton, Md 21036

B 3

LOCATION OF WELL

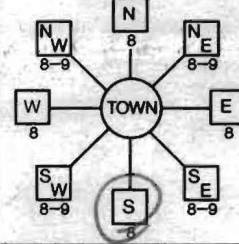
8 COUNTY Howard
23 SUBDIVISION Linden Chapel Hills
SECTION 3 LOT 11
52 NEAREST TOWN Dayton
MILES FROM TOWN 3

DRILLER INFORMATION

Allen Compton M S D 009
Fogle Well Drilling
580 Obrecht Rd.
Date 4-23-04

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



(4991) Morning Star Drive
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
DISTANCE FROM ROAD 40 FT
TAX MAP: 28 BLK: B14 PARCEL 191

B 2

WELL INFORMATION

APPROX. PUMPING RATE 500
AVERAGE DAILY QUANTITY NEEDED 500

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard (13) P520029B
COUNTY NAME COUNTY NO.
DATE ISSUED 5/19/2005
CO SIGNATURE EXP. DATE

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

METHOD OF DRILLING (circle one)

AIR-ROTARY
CABLE
other
JETTED
AIR-PERCussion
REVerse-ROTary
Jetted & DRIVEN
ROTARY (Hydraulic Rotary)
DRive-POINT

REPLACEMENT OR DEEPEINED 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 deepen an existing well

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) HO-73-0843

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

APPROX. PERMIT NUMBER GAP
PERMIT No. HO-94-3962

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

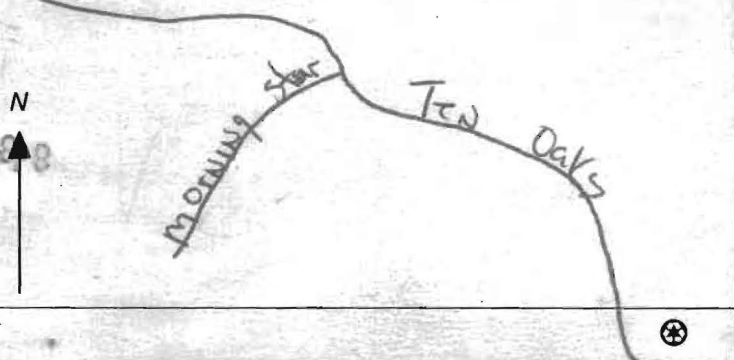
SOURCES OF DRILLING WATER

- 1.
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 8005
N 5009

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

4991 Morning Star

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: S. M. Fenlon Plumbing & Htg Telephone #: 301-854-0500
Address: 13912 Hallowell Ct
DAYTON MD 21036

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

Name (Print): Sheldon Fenlon License# 11092

*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: Jonathan E. Seals Telephone #: 301 854 9012
Subdivision: Linden Chapel Hills Lot #: 11 Well Tag #: HO-94-3962
Site Address: 4991 Morning Star Dr.
Dayton, MD 21036

<u>Submersible Pump/Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>Goulds</u>	Make: <u>Boshart Industries</u>	piece watertight cap: <u>✓</u>
Model #: <u>5G905412L</u>	Model #: <u>PABCO</u>	Screened, vented well cap: _____
Pump Capacity <u>5</u> GPM	Depth: <u>42"</u> (36" min)	Cap secured to casing: <u>✓</u>
Well Yield: <u>2</u> GPM	NSF approved: _____	Conduit min 18" B.G.: <u>✓</u>
Depth of well encountered at time of pump installation: <u>300</u> (feet)		Conduit secured to well cap: <u>✓</u>

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4

Torque arrestors of Cable guards are required - Must circle one

Safety rope, if used, attached to inside of well casing with eye bolt _____

Piping to house

Type: Poly
PSI: 200 (160 psi min)

House Connection

PVC sleeved to undisturbed soil at wall penetration: Yes
Approximate length of sleeve (5 foot minimum): 13'

Depth of supply line: 42" (36" min)

Sleeve caulked 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.

Sheldon Fenlon
Signature of company representative responsible for installation

5-11-05
date

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

Date Insp. Requested: 5/11/05 Date Insp. Approved: 5/11/05
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 ✓

GAC

New well to service very large addition to existing structure
Old well serves pre-existing structure

THE SIXTH ANNUAL MIDDLE SCHOOL LACY – GRAVES TENNIS TOURNAMENT

Date: Saturday, May 14, 2005

Place: River Hill High
1210 Rt. 108

Time: 8 AM – 2 PM

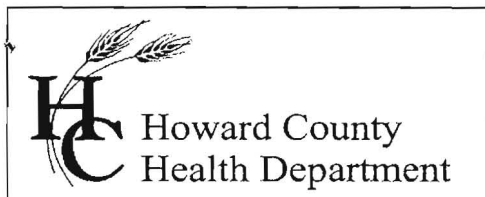
Purpose: To promote tennis as a lifetime sport for physical fitness and good health habits.

Sponsors: John Graves Memorial Fund,
Howard County Tennis Association,
Patuxent Valley Middle School G/T
Department

The event is open to one finalist from each grade level, from each middle school. One singles player grades 6, 7,8 and 1 doubles teams will represent their school. Please contact the physical education teachers at your school. Students are limited to play either singles or doubles. They cannot play both.

Deadline for entries is Monday, May 9, 2005. Permission slips need to be submitted to Judie Cephas, at Patuxent Valley Middle School. E-mail: jcephas@hcpss.org FAX 410 880 5846

Late entries and “walk ups” will not be accepted.



3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

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

October 25, 2004

Mr. Jonathan Seils
4991 Morning Star Drive
Dayton, MD 21036

RE: **Replacement Well Issues**
4991 Morningstar Drive
Well Permit # HO-94-3962

Dear Mr. Seils:

~~According to our records your replacement well has been connected to the dwelling and an inspection has been conducted and approved, this office is also requesting that you contact the Community Services Program at (410) 313-1773 to schedule an initial water sampling for the referenced replacement well, as required by the Maryland Well Construction Regulation (COMAR 26.04.04). There is currently no charge for the sampling and it is to your benefit to have it tested.~~

It is preferred that the sample 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.

Failure to confirm the potability of this well water supply by completion of documentation or water sampling requirements could result in enforcement action.

We have also noted in your file that your old hand dug well, will not be abandoned & sealed, as you will be using it as a standby. If you have any questions, or would like to discuss these matters further please call me at (410) 313-1771. Thank you for your attention to these important matters.

Respectfully,

Brian Baker

Brian Baker, R.S.
Well and Septic Program

cc: Community Services Program
File

8 02 DEGREES 00'00" W 108.75'

5' Utility Easement

5/19/04
Replacement well
site O.K.

BB

Expanded Septic Trench 8/9/85

Pool Enclosure

40,278 SF ML
0.9247 Ac. ML

New 1500 Gallon Septic Tank expanded 2/10/04

DUE EAST 244.83'

DUE EAST 238.82'

Lot 10

Lot 12

Edgetg Well

40 HO-73-0843

Plat of Location Survey
Lot 11, Block B
Linden Chapel Hills
Section 3 Plat 28/28
Election District 5
Howard County, MD
No portion of this lot is
within a 100 year flood plain

66
New prop well
loc. per call
from driller
6/19/04

Lot 11

Final Well
Location

DUE SOUTH 108.63'

New well

Dry Hole
not fixed by
well driller
6/2/04

Black Top Drive

6/8/04
Dry Holes
moved hole
30' to the
West (as
shown)

Site Plan for 4991 Morning Star Drive Dayton, MD 21036

Zoning Information

Lot Number 11 in Block Lettered B
Section Three, Linden Chapel Hills
Plat Book 28 plat 28
Howard County, Maryland
Liber 2077 at Folio 0889
Project complies to set backs as per Code

TRUE NORTH  Site Plan