

C1 6132

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)

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER 520877

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 05 18 2007

Depth of Well 22 300 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO - 95 - 1098

OWNER Upchurch Don STREET OR RFD Pleasant View Drive TOWN Highland SUBDIVISION Malton Manor II SECTION LOT

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 (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Includes entries for Soil, Brown Shale, Gray Rock, and water at 89' & 215'.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC NO. OF BAGS 20 NO. OF POUNDS 2000 GALLONS OF WATER 120 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 33 ft.

CASING RECORD casing types insert appropriate code below ST STEEL CO CONCRETE PL PLASTIC OT OTHER

MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch) 5 Total depth of main casing (nearest foot) 55

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.) 110 55 300 E A C H S R C E E N SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 58 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 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

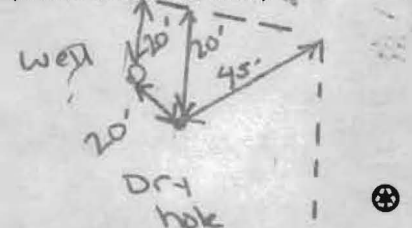
HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min.) 2.00 METHOD USED TO MEASURE PUMPING RATE Submersible WATER LEVEL (distance from land surface) BEFORE PUMPING 22 ft. WHEN PUMPING 157 ft. TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) YES 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) 112 PUMP HORSE POWER 5 PUMP COLUMN LENGTH (nearest ft.) 280 CASING HEIGHT (circle appropriate box and enter casing height) + above LAND SURFACE (nearest foot) - below

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)



NUMBER OF UNSUCCESSFUL WELLS:

WELL HYDROFRACTURED YES Y NO N

CIRCLE APPROPRIATE LETTER A 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 162

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 A W D 766

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

B 1 8382

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-95-1098

526639 please type

fill in this form completely

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13

upchurch Don
457 old orchard circle
millersville MD 2108

B 3

LOCATION OF WELL

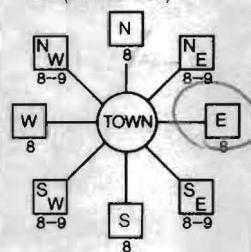
Howard
6 COUNTY
23 SUBDIVISION
SECTION 44 46 LOT 48 50
Highland
52 NEAREST TOWN
MILES FROM TOWN (enter 0 if in town) 1

DRILLER INFORMATION

Michael Isom M SD 162
Edgar Harr Sons Corp
12047 Falls Rd 21030
4/4/07

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Pleasant views Drive
NEAR WHAT ROAD
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
DISTANCE FROM ROAD
ENTER FT OR MI
TAX MAP: 40 BLK: 6 PARCEL 265

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 750

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 1520877
COUNTY NAME COUNTY NO.
STATE SIGNATURE
DATE ISSUED 4/24/07
CO SIGNATURE
NORTH GRID 490 000 EAST GRID 817 000

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

Bored (or Augered) JETTED Jetted & Driven
AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-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 deepen 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 G
PERMIT No. HO-95-1098

SPECIAL CONDITIONS

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

Need well abandoned & Radon testing at well

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

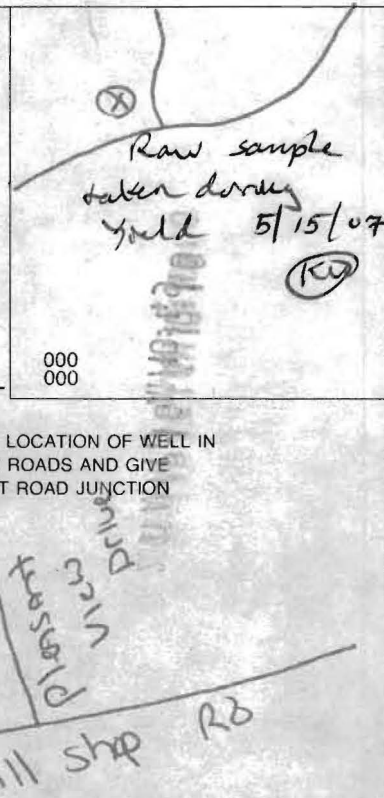
- 1. well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 8167
N 480 496

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

N



# HARR WELL DRILLING

12047 FALLS ROAD  
COCKEYSVILLE, MD 21030  
410-252-4588

## HOWARD COUNTY WELL YIELD TEST REPORT

Date Test Performed: 5-15-07  
Address: Pleasant View Drive  
Owner Name: Don Upchurch  
Well Depth: 300 Ft

Permit Number: HO-95-1098  
Subdivision: Fulton Manor II Lot #5  
Election District:  
Static Water Level: 22 Ft

Time	Water Level	PSI Existing Pump	Pumping Rate Seconds to fill 5gallon bucket	Calculated Flow-Gallons Per Minute
0900	22 ft		4 sec	15.00
0915	144		4	15.00
0930	157		6	10.00
0945	157		30	2.00
1000	157		30	2.00
1015	157		30	2.00
1030	157		30	2.00
1045	157		30	2.00
1100	157		30	2.00
1115	157		30	2.00
1130	157		30	2.00
1145	157		30	2.00
1200	157		30	2.00
1215	157		30	2.00
1230	157		30	2.00
1245	157		30	2.00
1300	157		30	2.00
1315	157		30	2.00
1330	157		30	2.00
1345	157		30	2.00
1400	157		30	2.00
1415	157		30	2.00
1430	157		30	2.00
1445	157		30	2.00
1500	157		30	2.00

**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: G. Edgar Harr Sons Corp Telephone #: 410-252-4588  
Address: 12047 Falls Road  
Cockeysville, MD 21020

(Must circle one) Licensed Plumber  Licensed Well Driller  Licensed Well Pump Installer  
License # and name of individual responsible for the field installation:  
Name (Print): Michael Ison License# MSD 162  
**\*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: Don Upchurch Telephone #: 443-618-8215  
Subdivision: Fulton Manor II Lot #: 5 Well Tag #: HO-95-1098  
Site Address: 12276 Pleasant View Drive  
Fulton, MD

<b>Submersible Pump Data</b>	<b>Pitless Adapter</b>	<b>Well Cap and Electric Conduit</b>
Make: <u>Goulds</u>	Make: <u>Machson</u>	Two piece watertight cap: <input checked="" type="checkbox"/>
Model #: <u>35B05422</u>	Model#: <u>Q100</u>	Screened, vented well cap: <input checked="" type="checkbox"/>
Pump Capacity <u>3</u> GPM	Depth: <u>42</u> (36" min)	Cap secured to casing: <input checked="" type="checkbox"/>
Well Yield: <u>2</u> GPM	NSF approved: <input checked="" type="checkbox"/>	Conduit min 18" B.G.: <input checked="" type="checkbox"/>
Depth of well encountered at time of pump installation: <u>200</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 or Cable guards are required - Must circle one  
Safety rope, if used, attached to inside of well casing with eye bolt \_\_\_\_\_

<b>Piping to house</b>	<b>House Connection</b>
Type: <u>1" Poly</u>	PVC sleeved to undisturbed soil at wall penetration: _____
PSI: <u>160</u> (160 psi min)	Approximate length of sleeve: _____
Depth of supply line: <u>42</u> (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.

Signature of company representative responsible for installation \_\_\_\_\_ date 5-15-07

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

Date Insp. Requested: \_\_\_\_\_ Date Insp. Approved: 5/14/07 (KW)  
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  → connected to Ex Well line  
Adequate grout observed below pitless adapter