

07828

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED. COUNTY NUMBER A17264

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 07 29 2000

Depth of Well 22 300 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2740

OWNER Leftidge, last name; Mink Hollow Road, first name; TOWN Highland; SUBDIVISION County Farm Lane; SECTION; LOT 5

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Overburden, Gray Rock, and water at 123'.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS (10), NO. OF POUNDS (1000), GALLONS OF WATER (60), DEPTH OF GROUT SEAL (0 to 42 ft).

CASING RECORD: casing types insert appropriate code below (PL, ST, CO, OT), MAIN CASING TYPE (PL), Nominal diameter top (main) casing (6), Total depth of main casing (45).

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

SCREEN RECORD: screen type or open hole (HO), insert appropriate code below (ST, BR, HO, PL, OT), DEPTH (nearest ft.) 45, 300.

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

CIRCLE APPROPRIATE LETTER: A (well abandoned and sealed), 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...

DRILLERS LIC. NO. MW D 399; DRILLERS SIGNATURE (Warm Powell)

LIC. NO. JW 241 D

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

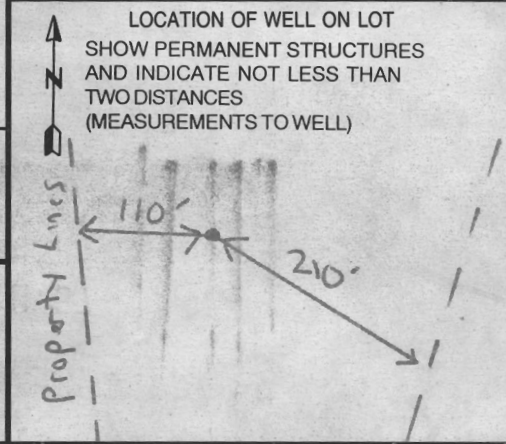
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST: PUMPING TEST (6), HOURS PUMPED (8.9), PUMPING RATE (gal. per min.) 2.48, METHOD USED TO MEASURE PUMPING RATE (Submersible), WATER LEVEL (distance from land surface) BEFORE PUMPING (48 ft), WHEN PUMPING (250 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, (-) below, LAND SURFACE (nearest foot) 50-51



B 1 1114

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-94-2740

fill in this form completely

W513651 please print or type

Date Received (APA) 09/22/00

OWNER INFORMATION

Leftridge Doug
5044 Dorsey Hall Drive
Elliott City MD 21042

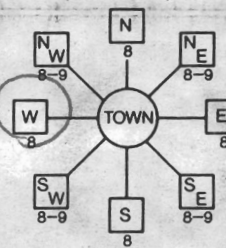
LOCATION OF WELL

Howard
Mink Hollow (State Route)
5 Country Farm Lane
Highland
2 miles from town

DRILLER INFORMATION

Paul M. Fabozak MWD 399
Edgar Hays Sons Corp
12047 Falls Rd Cockeysville 21030
Palmer Fabozak 6/20/00

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Mink Hollow Road
300 feet from road
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) SOUTH

WELL INFORMATION
APPROX. PUMPING RATE 750 GAL. PER MIN.
AVERAGE DAILY QUANTITY NEEDED 750 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 A17204
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED 07/13/00
CO SIGNATURE EXP. DATE 01/12/01
NORTH GRID 487 000 EAST GRID 0802 000

APPROXIMATE DEPTH OF WELL 250 FEET
APPROXIMATE DIAMETER OF WELL 6 INCH

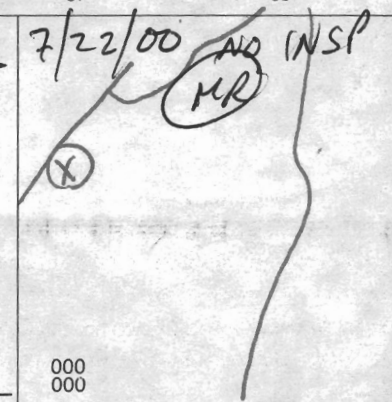
METHOD OF DRILLING (circle one)

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)

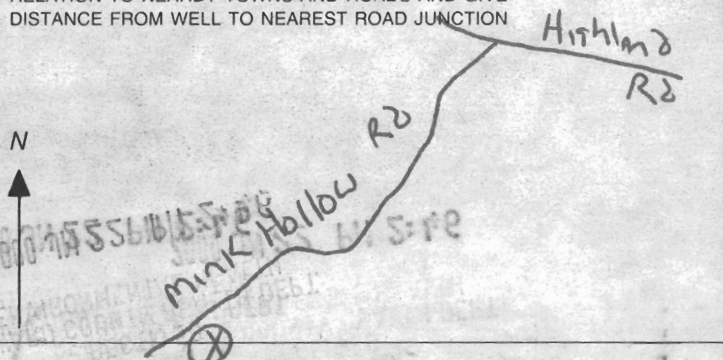
- THIS WELL WILL NOT REPLACE AN EXISTING WELL
THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
THIS WELL WILL DEEPEM AN EXISTING WELL

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 8002
N 4807

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 G
PERMIT No. HO-94-2740

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-2740
 Location of property (road) Mink Hollow Road
 Subdivision Country Farm Lane Lot 15 Block _____ Plat _____ Sec. _____
 Well Driller G. Edgar Harr Sosn' Corp Owner Doug. Leftridge

Depth of well 300'
 Distance of measuring point (M.P.) above ground 1'
 Static water level (S.W.L.) below M.P. 48'

I. High rate pumping -- reservoir drawdown
 Time pump started 0830 Pumping rate 15.0
 Total time 1 hour to reach pumping water level 250 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 1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
0830	48'	4 Sec		15.0
0845	93	4		15.0
0900	134	4		15.0
0915	215	5		12.0
0930	250'	24		2.50
0945	250'	24		2.50
1000	250'	25		2.40
1015	250'	25		2.40
1030	250'	25		2.40
1045	250'	25		2.40
1100	250'	25		2.40
1115	250'	25		2.40
1130	250'	25		2.40
1145	250'	25		2.40
1200	250'	25		2.40
1215	250'	25		2.40
1230	250'	25		2.40
1245	250'	25		2.40
1300	250'	25		2.40
1315	250'	25		2.40
1330	250'	25		2.40
1345	250'	25		2.40
1400	250'	25		2.40
1415	250'	25		2.40

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: American Water Technologies Telephone #: 301-963-4457
Address: 19 N Frederick Avenue X 201
Croftersburg, Maryland 20877

(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# 465

*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: _____ Telephone #: _____
Subdivision: COUNTRY FARM LANE Lot #: 5 Well Tag #: HO-94-2740
Site Address: 7441 Mink Hollow Road
Highland, Maryland 20905

Submersible Pump Data
Make: WEST FLINT WALLING
Model #: 1/2 HP 1/2" M 230V 2WIRE
Pump Capacity: 7 GPM
Well Yield: 7 GPM
Depth of well encountered at time of pump installation: _____ (feet)

Pitless Adapter
Make: CAMBLE
Model #: _____
Depth: 48" (36" min)
NSF approved:

Well Cap and Electric Conduit
Two piece watertight cap:
Screened, vented well cap:
Cap secured to casing:
Conduit min 18" B.G.:
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 BOTH TORQUE C. GUARDS FRANKLIN PUMP TECH
Safety rope, if used, attached to inside of well casing with eye bolt EVERY 20'

Piping to house
Type: 1" PDLT
PSI: 200 (160 psi min)
Depth of supply line: 48 (36" min)

House Connection
PVC sleeved to undisturbed soil at wall penetration:
Approximate length of sleeve: 3'
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: [Signature] date: 2/19/02

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

Date Insp. Requested: 3/2/02 AM Date Insp. Approved: 3/25/02 (50)

- 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

3/8/02
Still needs barricades (50)

HD-215 (Rev. 8/00)

3/2/02 well, line & house conn covered
Well needs barricades - 6" from driveway (50)
3/25/02 Bench placed as barricade (50)