



B 1 8953

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-94-3414

WS165408

fill in this form completely

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13

HARBIN John & Linda
15 Last Name Owner First Name 34
15190 Frederick Rd
36 Street or RFD 55
Woodbine Md. 21797
57 Town 70 State 72 Zip 76

B 3

LOCATION OF WELL

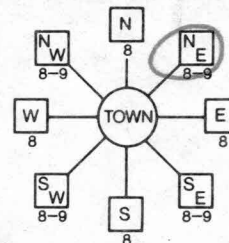
8 COUNTY Howard 21
23 SUBDIVISION Harbin Prop 42
SECTION - LOT 2 C
44 46 48 50
Lisbon
52 NEAREST TOWN 71
MILES FROM TOWN (enter 0 if in town) 2 M I
73 76 77 78

DRILLER INFORMATION

Ralph E. Mayne MSD 117
76 Driller's Name License No. 81
Ralph E. Mayne Well Drilling
Firm Name
17024 Handy Rd Mt Airy Md. 21221
Address
Ralph E. Mayne 2/19/02
Signature Date

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



11 OLD Frederick Rd. 30
NEAR WHAT ROAD
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH
WEST SOUTH
EAST
34 125 37
DISTANCE FROM ROAD 1/4
ENTER FT OR MI 38 39
TAX MAP: 8 BLK: PARCEL 9

B 2

WELL INFORMATION

APPROX. PUMPING RATE 5
(GAL. PER MIN.) 8 12
AVERAGE DAILY QUANTITY NEEDED 500
(GAL. PER DAY) 14 20

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 A 516060
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED 5/17/02 K Goedeck 5/17/03
43 MM DD YY 48 GO SIGNATURE EXP. DATE
NORTH GRID 786 0 0 0 EAST GRID 548 0 0 0
50 55 57 63

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 64 NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN
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 DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41

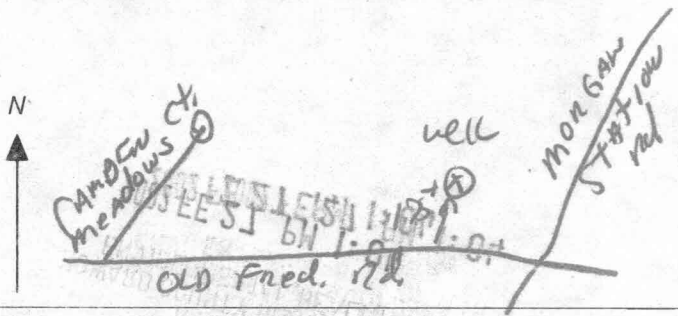
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER
1. well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

5548
E 5548
N 7860

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)

APPROP. PERMIT NUMBER G
PERMIT No. HO-94-3414

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-3414  
 Location of property (road) Old Frederick / Morgan Station Rds  
 Subdivision Harben Property Lot 2 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller R. Mayne Owner Harben, Linda & John  
 Depth of well 200 ft. Parcel C  
 Distance of measuring point (M.P.) above ground 2 ft  
 Static water level (S.W.L.) below M.P. 51 ft

I. High rate pumping -- reservoir drawdown

Time pump started 8:15 Pumping rate 10 GPM  
 Total time 15 min to reach pumping water level 56 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 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:15	51 ft	6 Sec		10 GPM
			TEST STARTED	
8:30	56 ft	6 Sec		10 GPM
8:45	56 ft	6 Sec		10 GPM
9:00	56 ft	6 Sec		10 GPM
9:15	56 "	6 "		10 "
9:30	56 "	6 "		10 "
9:45	56 "	6 "		10 "
10:00	56 ft	6 Sec		10 GPM
10:15	56 ft	6 Sec		10 GPM
10:30	56 ft	6 Sec		10 GPM
10:45	56 "	6 "		10 "
11:00	56 "	6 "		10 "
11:15	56 ft	6 Sec		10 GPM
11:30	56 ft	6 Sec		10 GPM

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: K.A. Plumbing, Inc. Telephone #: 410-857-0255  
Address: 470 Dorsie Dr.  
Westminster, MD 21158

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer  
License # and name of individual responsible for the field installation:  
Name (Print): Keith Hundertmark License# 8300  
\*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: John Harbin Telephone #: 410-442-8229  
Subdivision: Cope/Knoll Lot #: C Well Tag #: HO 94-3414  
Site Address: 1151 Morgan Station Rd. Parcel

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit  
Make: Jreazzi Make: American Can-by Two piece watertight cap: ✓  
Model #: T7S410TLXV-52 Model#: PT800 Screened, vented well cap: ✓  
Pump Capacity: 7 GPM Depth: 42" (36" min) Cap secured to casing: ✓  
Well Yield: 8 GPM NSF approved: Yes Conduit min 18" B.G.: ✓  
Depth of well encountered at time of pump installation: 200 (feet) 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  
Safety rope, if used, attached to inside of well casing with eye bolt \_\_\_\_\_

Piping to house House Connection  
Type: Polyethylene PVC sleeved to undisturbed soil at wall penetration: ✓  
PSI: 160 (160 psi min) Approximate length of sleeve: 6  
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.

Signature of company representative responsible for installation: Keith Hundertmark date: 10-3-02

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

Date Insp. Requested: 8/8/02 Date Insp. Approved: 8-8-02 (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 ✓

HOWARD COUNTY HEALTH OFFICER (K6) DATE 4/30/02

APPROVED: FOR PRIVATE WATER AND SEWERAGE HOWARD COUNTY HEALTH DEPARTMENT

No map  
Staked by  
5/17/02

PARCEL C  
4.8807 Ac ±

PARCEL D  
6.0005 Ac ±

PARCEL H

