



**OWNER INFORMATION**

Date Received (APA) 02 27 02  
8 MM DD YY 13

HARBIN John & Linda  
15 Last Name Owner First Name 34

15190 Frederick Rd  
36 Street or RFD 55

WOOD BINE MD. 21799  
57 Town 70 State 72 Zip 76

**LOCATION OF WELL**

Howard  
8 COUNTY 21

HARBIN PROP  
23 SUBDIVISION 42

SECTION 44 46 LOT I  
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 M SD 117  
Driller's Name 76 License No. 81

Ralph E. MAYNE well drilling  
Firm Name

17024 Hardy Rd. Mt. Airy MD. 21271  
Address

Ralph E. Mayne 2-19-02  
Signature Date

**WELL INFORMATION**

5  
APPROX. PUMPING RATE (GAL. PER MIN.) 8 12

500  
AVERAGE DAILY QUANTITY NEEDED (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

**DIRECTION OF WELL FROM TOWN (CIRCLE BOX)**

**ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)**

200  
DISTANCE FROM ROAD ENTER FT OR MI 38 39

TAX MAP: 8 BLK: 3 PARCEL 9

**NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL**

Howard A516060  
COUNTY NAME COUNTY NO.

STATE SIGNATURE \_\_\_\_\_ INSERT S → \_\_\_\_\_  
DATE ISSUED 41

05 17 02 Karen Jordey 05/17/03  
43 MM DD YY 48 CO SIGNATURE EXP. DATE

NORTH GRID 7560 00 EAST GRID 548 000  
50 55 57 63

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APPROXIMATE DEPTH OF WELL 150 FEET  
24 28

APPROXIMATE DIAMETER OF WELL 64 INCH  
NEAREST INCH

**METHOD OF DRILLING (circle one)**

BORED (or Augered)  AIR-ROTary

JETTED  AIR-PERCussion

Jetted & DRIVEN  ROTARY (Hydraulic Rotary)

CABLE  REVerse-ROTary

other  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

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 \_\_\_\_\_

PERMIT No. HO-94-3413  
70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

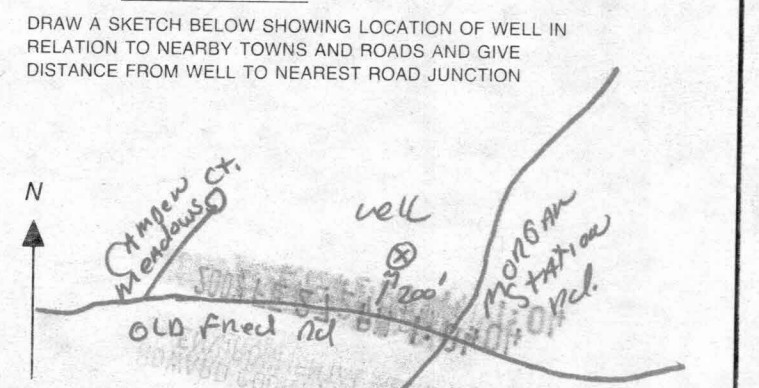
SOURCES OF DRILLING WATER

- well
- 
- 

WRITE THE BOX NUMBER FROM THE MAP HERE

E 550  
48

N 750  
000 000



FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-3413  
 Location of property (road) Morgan Station Road  
 Subdivision Harbin Property Lot \_\_\_\_\_ Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller R. Mayde Owner John and Linda  
 Depth of well 200' Harbin  
 Distance of measuring point (M.P.) above ground 2'  
 Static water level (S.W.L.) below M.P. 59'

I. High rate pumping -- reservoir drawdown

Time pump started 8:30 Pumping rate 10 GPM  
 Total time 15 min to reach pumping water level 70 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)
8:30	59'	6 Sec		10 GPM
			TEST STARTED	
8:45	70'	7 Sec		8.5 GPM
9:00	70'	7 Sec		8.5 GPM
9:15	70'	7 Sec		8.5 GPM
9:30	70''	7''		8.5''
9:45	70''	7''		8.5''
10:00	70''	7''		8.5''
10:15	70'	7 Sec		8.5 GPM
10:30	70'	7 Sec		8.5 GPM
10:45	70'	7 Sec		8.5 GPM
11:00	70''	7''		8.5''
11:15	70''	7''		8.5''
11:30	70'	7 Sec		8.5 GPM
11:45	70'	7 Sec		8.5 GPM

**HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
WATER AND SEWERAGE PROGRAM  
TEL: (410)313-2640 FAX: (410)313-2648**

APPROPRIATE FORM FOR THE INSTALLATION OF ONE WELL & PUMP, PUMP ADAPTER, AND ELECTRICAL CONDUIT

**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). Submitting of a complete form is required prior to Use and Occupancy approval.

Company Name: K.H. Plumbing Telephone #: 410-857-0253  
Address: 470 Davis 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: Anita Furk Telephone #: \_\_\_\_\_  
Subdivision: Cape/Kail Lot #: \_\_\_\_\_ Well Tag #: HO 94-3413  
Site Address: 15325 Old Frederick Rd.

<u>Submittable Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Casing and Electric Conduit</u>
Make: <u>Vacc</u>	Make: <u>American Comby</u>	Two piece watertight cap: _____
Model #: <u>7754101ES2</u>	Model: <u>PT 800</u>	Screened, vented well cap: _____
Pump Capacity: <u>5</u> GPM	Depth: <u>4 1/2</u> (36" min)	Cap secured to casing: <u>✓</u>
Well Yield: <u>8</u> GPM	NSF approved: <u>1995</u>	Conduit min 1 1/2" B.C.: <u>✓</u>
Depth of well encountered at time of pump installation: <u>100</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 17.2.4  
Torque wrenches or Cable guards are required - Must circle one  
Safety rope, if used, attached to inside of well casing with eye bolt \_\_\_\_\_

<u>Lines in house</u>	<u>House Connection</u>
Type: <u>Polyethylene 1" IPS-PE 3408</u>	FVC stored to undisturbed soil at wall penetration: <u>✓</u>
PSI: <u>160</u> (160 psi min)	Approximate length of sleeve: <u>6'</u>
Depth of supply line: <u>4 1/2</u> (36" min)	Sleeve caulked and sealed properly: <u>✓</u>

The water supply line is required to be at least two 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: 5-14-03

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

Date Insp Requested: 5/12/03 Date Insp Approved: 6/18/03 50 SRK

Inspection Data:

Pitless adapter and water supply line at least 36" below grade	<u>✓</u>
Two piece cap installed and attached to casing securely	<u>✓</u>
Elec. conduit extends at least 1 1/2" below grade/attached to cap properly	<u>✓</u>
Safety rope installed inside of well casing	<u>✓</u>
Screened well cap attached properly and casing 6" above finished grade	<u>✓</u>
Water supply line sleeved adequately at house connection	<u>✓</u>
Adequate grout observed below pitless adapter	<u>✓</u>

DATE

4/30/02

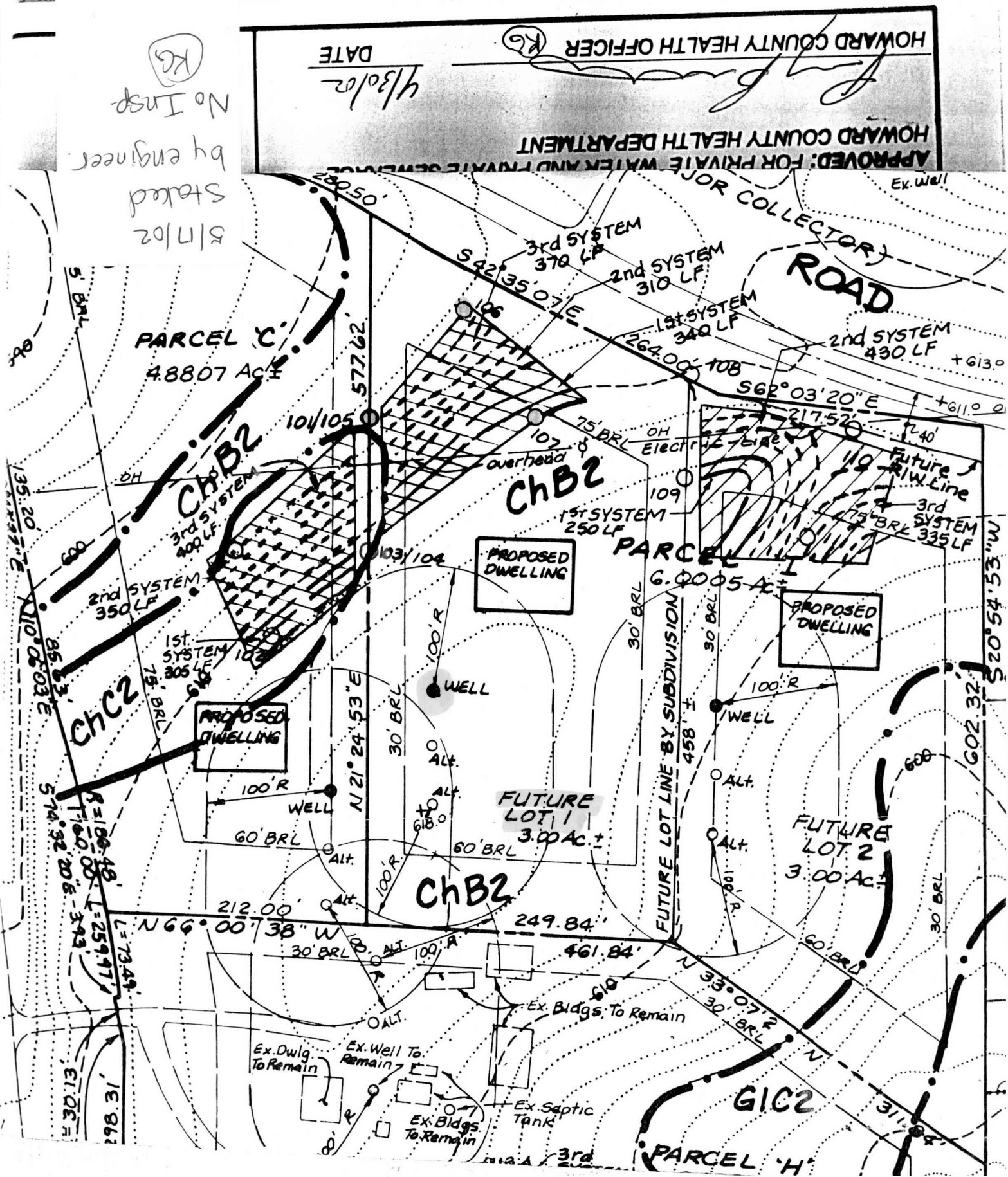
(KG)

HOWARD COUNTY HEALTH OFFICER

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE

HOWARD COUNTY HEALTH DEPARTMENT

No Insp  
Staked  
5/17/02  
by engineer



PARCEL C  
4.8807 Ac ±

PARCEL I  
6.0005 Ac ±

PARCEL H

ChB2

ChB2

ChB2

GIC2

PROPOSED DWELLING

PROPOSED DWELLING

PROPOSED DWELLING

FUTURE LOT 1  
3.00 Ac ±

FUTURE LOT 2  
3.00 Ac ±

Ex. Bldgs. To Remain

Ex. Dwlg. To Remain

Ex. Well To Remain

Ex. Bldgs. To Remain

Ex. Septic Tank

Ex. Well

MAJOR COLLECTOR ROAD

Future R/W Line

FUTURE LOT LINE BY SUBDIVISION

overhead

3rd SYSTEM  
370 LF

2nd SYSTEM  
310 LF

1st SYSTEM  
340 LF

2nd SYSTEM  
430 LF

2nd SYSTEM  
350 LF

1st SYSTEM  
305 LF

1st SYSTEM  
250 LF

3rd SYSTEM  
335 LF

ChC2

3rd SYSTEM  
400 LF

75' BRL

30' BRL

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