

Date Received
(OEP use only)

DATE WELL COMPLETED
52812

Depth of Well
260
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
40-73-4186

OWNER: Pridemore Humes (Thomas Lutz)
last namefirst name
STREET OR RFD: 2574 Wellworth WayTOWN: West Friendship
SUBDIVISION: Friendship ManorSECTION: 2LOT: 35

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
FROMTO

Check
if water
bearing

TOP SOIL02
SHALEY215
SAND STONE1525
SHALEY2530
SAND STONE3040
MICA4050
SAND STONE5060
MICA6085
SAND STONE8590
MICA90200

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)
TYPE OF GROUTING MATERIAL
CEMENT CM BENTONITE CLAY BC
NO. OF BAGS 10 NO. OF POUNDS 120
GALLONS OF WATER 50
DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 37 ft.
(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
below

STCO
STEELCONCRETE
PLOT
PLASTICOTHER

MAIN
CASING
TYPE

Nominal diameter
top/main/casing
(nearest inch)

Total depth
of main casing
(nearest foot)

ST640

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

EACH CASING

SCREEN RECORD

screen type
or open hole

insert
appropriate
code
below

STBRHO
STEELBRASS, OPEN
BRONZE HOLE
PLOT
PLASTICOTHER

C2

DEPTH (nearest ft.)

EACH SCREEN

SLOT SIZE

DIAMETER
OF SCREEN

GRAVEL PACK

IF WELL DRILLED WAS
FLOWING WELL CIRCLE BOX F

OEP USE ONLY
(NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.)

WQ

TELESCOPE
CASING

LOG
INDICATOR

OTHER DATA

C3

PUMPING TEST

HOURS PUMPED (nearest hour) 6

PUMPING RATE (gal. per min.
to nearest gal.) 2

METHOD USED TO
MEASURE PUMPING RATE Buckner

WATER LEVEL (distance from land surface)

BEFORE PUMPING 200

WHEN PUMPING 201

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 WILL INSTALL PUMP
(CIRCLE APPROPRIATE BOX) Y N

IF DRILLER INSTALLS PUMP, THIS SECTION
MUST BE COMPLETED FOR ALL WELLS
EXCEPT HOME USE

TYPE OF PUMP (WRITE APPROPRIATE
LETTER IN BOX - SEE ABOVE:
(A, C, J, P, R, S, T, O))

CAPACITY:
GALLONS PER MINUTE
(to nearest gallon)

PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box
and enter casing height)

+ above
- below

LAND SURFACE

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)

WELL 90
X
FRONT LOT LINE
RIGHT LOT LINE

CIRCLE APPROPRIATE BOX

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 10.17.13 "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 IDENT. NO. 40

DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)

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

HEALTH

7230 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (OEP USE ONLY) 8:00 a.m. <i>purp test</i> 8:00 p.m. <i>Well grant</i>	STATE OF MARYLAND PERMIT TO DRILL WELL Please print or type	OEP PERMIT NUMBER H0-73-4186 fill in this form completely
Date Received <u>051382</u> (OEP Use Only)		LOCATION OF WELL COUNTY <u>Howard</u> SUBDIVISION <u>Friendship Manor</u> SECTION <u>2</u> LOT <u>3</u> NEAREST TOWN <u>West Friendship</u> MILES FROM TOWN (enter 0 if in town) <u>0</u>	
OWNER INFORMATION <u>Pride Mark Homes</u> Last Name 15 Owner 34 Name <u>Box 128</u> Street or RFD 55 <u>Millersville Md.</u> Town 57 State 76 Zip		DIRECTION OF WELL FROM TOWN (CIRCLE BOX) NEAR WHAT ROAD <u>RT 144</u> ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) <u>600</u> DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX)	
DRILLER INFORMATION <u>George P. Breda</u> Driller's Name 77 License No. 80 <u>40</u> <u>G.P. Breda & Son, Inc.</u> Firm Name <u>2265 Brown Church Rd. Mt. Airy, Md.</u> Address <u>George P. Breda</u> <u>9/12/82</u> Signature Date		WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) <u>5</u> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <u>500</u>	
USE FOR WATER (CIRCLE APPROPRIATE BOX) ☒ HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) ☐ FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) ☐ INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) ☐ PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) ☐ TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		SOURCES OF DRILLING WATER 1. <u>5/28/82</u> 2. <u>WELL GRANT</u> 3. <u>OK RH + well</u> WRITE THE BOX NUMBER FROM THE MAP HERE <u>8104</u> <u>5303</u>	
APPROXIMATE DEPTH OF WELL <u>150</u> FEET APPROXIMATE DIAMETER OF WELL <u>6</u> INCH		METHOD OF DRILLING (circle one) BORED (OR AUGERED) JETTED JETTED & DRIVEN <u>30- AIR ROTARY</u> AIR PERCUSSION ROTARY (HYDRAULIC ROTARY) <u>37- CABLE</u> REVERSE ROTARY DRIVE POINT other _____	
REPLACEMENT OR DEEPEENED 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 ☐ THIS WELL WILL DEEPEEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEENED (IF AVAILABLE) 41 _____ 52		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL <u>Howard</u> <u>A26049</u> COUNTY NAME COUNTY NO. OEP SIGNATURE <u>Frank Skinner</u> STATE HEALTH CIRCLE BOX <u>S</u> 41 DATE ISSUED <u>052082</u> CO SIGNATURE <u>Frank Skinner, Sanitarian</u> NORTH GRID <u>533</u> EAST GRID <u>0814</u> EXPIRES <u>1/12/82</u>	
Not to be filled in by driller (OEP USE ONLY) APPROX. PERMIT NUMBER <u>GAP</u> FORCE <u>FS</u> WRITE INITIALS IN BOX <u>10-73-4186</u> PERMIT No. 70 71 72 73 74 75 76 77 78 79		SPECIAL CONDITIONS 8-63	

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Date 5/28/82

Review 7/28/82 O.K. F.S.

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 73-4186
Location of property (road) Rt 144
Subdivision Friendship Manor Lot 35 Block Plat Sec. 2
Well Driller Enderdale Owner Bridemark Homes
Depth of well 260 1 1/2 ft. m.
Distance of measuring point (M.P.) above ground 1
Static water level (S.W.L.) below M.P. 40 ft

I. High rate pumping -- reservoir drawdown
Time pump started 800 Pumping rate 10 gpm
Total time 45 min to reach pumping water level 200 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)
8:45	200	2 min 30 sec		2
9:00	200	2 min 30 sec		2
9:15	200	2 min 30 sec		2
9:30	200	2 min 30 sec		2
9:45	200	2 min 30 sec		2
10:00	200	2 min 30 sec		2
10:15	200	2 min 30 sec		2
10:30	200	2 min 30 sec		2
10:45	200	2 min 30 sec		2
11:00	200	2 min 30 sec		2
11:15	200	2 min 30 sec		2
11:30	200	2 min 30 sec		2
11:45	200	2 min 30 sec		2
12:00	200	2 min 30		2
12:15	200	2 30		2
12:30	200	2 30		2
12:45	200	2 30		2
1:00	200	2 30		2
1:15	200	2 30		2
1:30	200	2 30		2
1:45	201	2 30		2
2:00	201	2 30		2
2:15	201	2 30		2
2:30	201	2 30		2
2:45	201	2 30		2

