

B 1	5620	SEQUENCE NO. (DP USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER 40-88-0909 fill in this form completely
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)				
Date Received (APA) 062789		INDEXED		
OWNER INFORMATION 15 Last Name GRAY Owner MARY First Name 36 Street or RFD 2575 SAND HILL RD 57 Town WEST FRIENDSHIP 70 State 72 Zip 76		LOCATION OF WELL 8 COUNTY HOWARD 21 23 SUBDIVISION 42 SECTION 44 46 LOT 48 50 52 NEAREST TOWN WEST FRIENDSHIP 71 MILES FROM TOWN (enter 0 if in town) 1 73 76 77 78		
DRILLER INFORMATION Driller's Name Joseph MAYNE 77 License No. 80 238 Firm Name Joseph L. Mayne Well Drilling Address 5512 RIDGE RD. MT. AIRY 2177 Signature Joseph L. Mayne Date 6/27/89		DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 		
WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20		NEAR WHAT ROAD Sand Hill Rd. 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH ☐ WEST ☒ EAST ☐ SOUTH ☐ DISTANCE FROM ROAD 200 34 37 ENTER FT or MI FT 38 39		
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)		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME Howard COUNTY NO. WP44755 STATE SIGNATURE _____ INSERT S _____ DATE ISSUED 071889 CO SIGNATURE Mark E. Rokin EXP. DATE 1/18/90 NORTH GRID 534000 50 55 EAST GRID 082000 57 63		
APPROXIMATE DEPTH OF WELL 260 24 28 FEET APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH		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 N 820 E 53X4 000 000		
METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN 30. AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) 37. CABLE REVERSE-ROTary Drive-POINT other _____		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 		
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 39. ☒ THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY ☐ THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52		Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER _____ 54 G A P 63 FORCE MR WRITE INITIALS IN BOX 67 68 PERMIT NO. 40-88-0909 70 71 72 73 74 75 76 77 78 79		
SPECIAL CONDITIONS				

C1 1035 SEQUENCE NO. (DENV USE ONLY)

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.COUNTY
NUMBER WP44755ST/CO USE ONLY
DATE Received

8 13

DATE WELL COMPLETED

072789

Depth of Well

22 185 26
(TO NEAREST FOOT)REVIEW OK
8/1/89 CWPERMIT NO.
FROM "PERMIT TO DRILL WELL"
H0-88-0909OWNER
STREET OR RFD. 2575 Sand Hill Rd last name first name
SUBDIVISION SECTION TOWN West Friendship LOT

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS
PENETRATED, THEIR COLOR, DEPTH,
THICKNESS AND IF WATER BEARINGDESCRIPTION (Use
additional sheets if needed)FEET
FROM TOCheck
if water
bearing

SAND stone

0 36

Gray Mica
Rock

36 185 ✓

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT CM

BENTONITE CLAY BC

NO. OF BAGS 8

NO. OF POUNDS 252

GALLONS OF WATER 48

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 32 ft.
48 TOP 52 54 BOTTOM 58
(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
belowST CO
STEEL CONCRETE
PL OT
PLASTIC OTHERMAIN
CASING
TYPENominal diameter
top (main) casing
(nearest inch)Total depth
of main casing
(nearest foot)

S+

6

42

EACH
CASING

OTHER CASING (if used)

diameter depth (feet)
inch from toscreen type
or open holeinsert
appropriate
code
below

SCREEN RECORD

ST BR HO
STEEL BRASS OPEN
PL BRONZE HOLE
PLASTIC OTHER

C2

EACH
SCREEN

DEPTH (nearest ft.)

H0 41 185
8 9 11 15 17 21
23 24 26 30 32 36
38 39 41 45 47 51

SLOT SIZE 1 2 3

DIAMETER
OF SCREEN (NEAREST
INCH)

from to

GRAVEL PACK
IF WELL DRILLED WAS
FLOWING WELL INSERT
F IN BOX 68OEP USE ONLY
(NOT TO BE FILLED IN BY DRILLER)T (E.R.O.S.) W Q
70 72 74 75 76TELESCOPE LOG OTHER DATA
CASING INDICATOR

C3

1 2

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 12

METHOD USED TO
MEASURE PUMPING RATE Air

WATER LEVEL (distance from land surface)

BEFORE PUMPING 43

WHEN PUMPING 145

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 YES NO

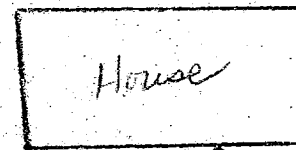
(CIRCLE) (YES or NO)
IF DRILLER INSTALLS PUMP, THIS SECTION
MUST BE COMPLETED FOR ALL WELLS
EXCEPT HOME USE
TYPE OF PUMP INSTALLED
PLACE (A,C,J,P,R,S,T,O)
IN BOX - SEE ABOVE.CAPACITY:
GALLONS PER MINUTE 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box
and enter casing height)+ above } LAND SURFACE
- below } (nearest foot)

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)House
Driveway
Ejecting well
13'
63'
0.111DRILLERS IDENT. NO. 238
DRILLERS SIGNATURE Joseph B. Mayne
(MUST MATCH SIGNATURE ON APPLICATION)SITE SUPERVISOR (sign of driller or journeyman
responsible for sitework if different from permittee)

DRILLER County

SANDHILL RD. 129A

REPLACEMENT WELL SITE INSPECTION

OWNER

Gray

DATE REQUESTED

7/14/89

ADDRESS

25715 Sand Hill Rd

DRILLER

J Mayne

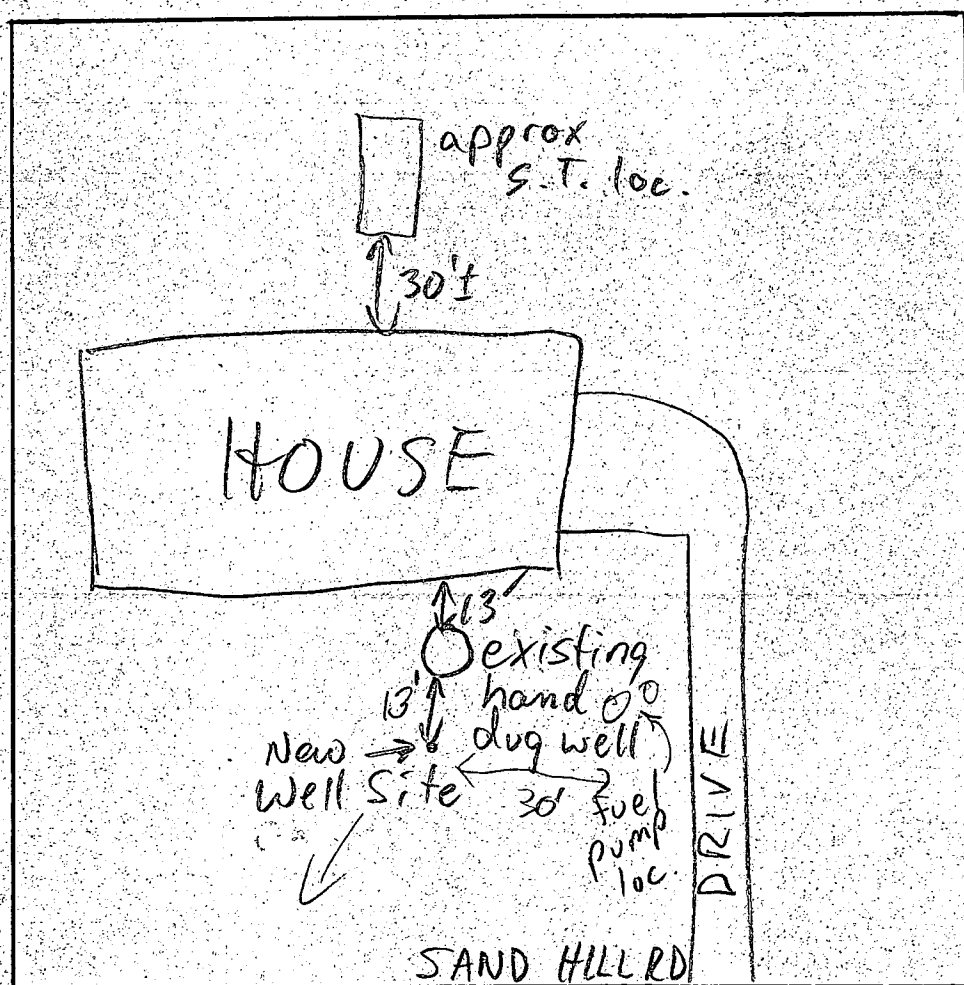
WELL TAG#

none

COUNTY#

Howard

LOCATION DIAGRAM



COMMENTS:

Ex. well has insufficient flow. New well site not staked, to be staked by 7/17/89. MR 7/14/89

New Well Site OK MR 7/17/89

7/24/89 Well Site Moved further from house due to fuel tank location. MR

Lab No. Date Received

[illegible]

-Do not write above this line.

Bottle Number: GY-575 Name: MARY GRAY County: HOWARD

Source of Sample: 2575 SAND HILL RD. (BATHROOM TAP) Collector: J. MENUSTIK
(include telephone Number 461-9934)

Sample Types (Circle):	<u>Drinking Water</u>	Community (Public Treated)	<u>Source (Raw Water)</u>
	Landfill	Non-Community (Pub. Untreated)	Distribution (Treated)
	Stream	<u>Private</u>	MCL
	Other	Other	Emergency Routine Recheck

Remarks: 40-88-0909

13						081589	Date & Time are Required for Valid Samples	1032	☒ Iced	☐ Acid	Type of Acid:
County	Plant No.	Sampling Station	Date Collected	Time							
Field Data:	5.6		Chlorine Residual	0.0		0.0					
	pH*			Free		Total					Specific Conductance

[illegible]

*Results reported in units, all others in milligrams per liter (ppm)

Date Received ^{by}

Date Reported

AUG 31 1989

Chemist

J. T. Payne

DHHM 90-A 8/88

PROGRAM COPY

.50M

C1 1035 SEQUENCE NO. (DENV USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.

COUNTY
NUMBER WP44755

ST/CO USE ONLY
DATE Received

DATE WELL COMPLETED

Depth of Well

RENEW OR
8/1/89 CW

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

8 13

15 20 072789

22 26 185 (TO NEAREST FOOT)

28 37 40-88-0909

OWNER Gray Mary
STREET OR RFD 2575 Sand Hill Rd first name TOWN West Friendship
SUBDIVISION SECTION LOT

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 FROM TO Check if water bearing

SAND stone 0 36
Gray Micaceous Rock 36 185 ✓

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 8 NO. OF POUNDS 252

GALLONS OF WATER 48

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 32 ft.
TOP BOTTOM (enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

ST CO
STEEL CONCRETE
PL OT
PLASTIC OTHER

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

ST 6 42

OTHER CASING (if used)

diameter depth (feet) from to

screen type or open hole

SCREEN RECORD

insert appropriate code below

ST BR HO
STEEL BRASS OPEN HOLE
PL OT
PLASTIC OTHER

C2

DEPTH (nearest ft.)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

from to

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

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

T (E.R.O.S.) W Q
70 72 74 75 76

TELESCOPE LOG OTHER DATA
CASING INDICATOR

C3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 12

METHOD USED TO MEASURE PUMPING RATE air

WATER LEVEL (distance from land surface)

BEFORE PUMPING 43

WHEN PUMPING 145

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) (YES or NO) YES NO
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
TYPE OF PUMP INSTALLED
PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: 29

CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

PUMP HORSE POWER 37 41

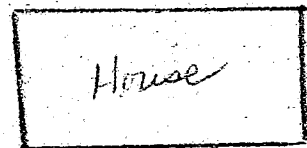
PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height)

+ above } LAND SURFACE
- below } (nearest foot) 1

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)



House
Driveway
Existing well
13'
63'

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 IDENT. NO. 238

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

DRILLER County

SANDHILL 1294