

B 1 5576

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

STATE PERMIT NUMBER

40-55-0767

fill in this form completely

Date Received (APA)

5/24/89

OWNER INFORMATION

15 Last Name Owner First Name

36 Street or RFD 55

57 Town 70 State 72 Zip 76

B 3

LOCATION OF WELL

8 COUNTY 21

23 SUBDIVISION 42

SECTION 2 44 46 LOT 4 48 50

52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 73 76 77 78

DRILLER INFORMATION

Driller's Name 77 License No. 80

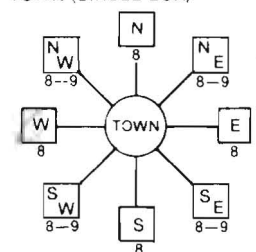
Firm Name

Address

Signature Date

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

DISTANCE FROM ROAD ENTER FT OR MI

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.)

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)

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 COUNTY NO.

STATE SIGNATURE INSERT S

DATE ISSUED CO SIGNATURE EXP. DATE

NORTH GRID EAST GRID

APPROXIMATE DEPTH OF WELL FEET

APPROXIMATE DIAMETER OF WELL 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
THIS WELL WILL DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

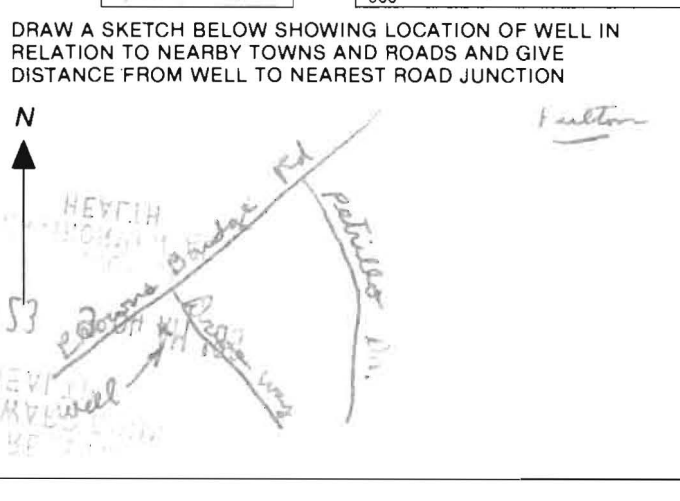
Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER

FORCE INITIALS PERMIT No.

SPECIAL CONDITIONS

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
WRITE THE BOX NUMBER FROM THE MAP HERE



C1 0208
 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 A-39074

ST/CO USE ONLY
 DATE Received

DATE WELL COMPLETED
07/11/89

Depth of Well
 22 225 26
 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
H0-88-0767

OWNER HILLMAN DEVELOPMENT CORP last name first name
 STREET OR RFD Brown Bridge Rd TOWN EMMERTON
 SUBDIVISION Waterman Estates SECTION 2 LOT 4

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		Check if water bearing
	FROM	TO	
SAND Stone	0	34	
Grny mica rock	34	305	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box)
 YES Y NO N
 TYPE OF GROUTING MATERIAL
 CEMENT CM BENTONITE CLAY BC
 NO. OF BAGS 12 NO. OF POUNDS 1128
 GALLONS OF WATER 72
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 ft. to 31 ft.
 (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 PL CO OT
4 40

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

SCREEN RECORD
 screen type or open hole insert appropriate code below
 ST BR HO
 STEEL BRASS OPEN HOLE
 PL OT
 PLASTIC OTHER

C2
 DEPTH (nearest ft.)
 EACH SCREEN
 1 40 38 205
 2
 3
 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 CASING LOG INDICATOR OTHER DATA

C3
PUMPING TEST
 HOURS PUMPED (nearest hour) 3
 PUMPING RATE (gal. per min. to nearest gal.) 75
 METHOD USED TO MEASURE PUMPING RATE Bucket
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING 8
 WHEN PUMPING 30
 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
 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 36
 PUMP HORSE POWER 37 41
 PUMP COLUMN LENGTH (nearest ft.) 43 47
 CASING HEIGHT (circle appropriate box and enter casing height)
 + above } LAND SURFACE (nearest foot)
 - below }

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)
Brown Bridge Rd

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)

B 7 5676

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

STATE PERMIT NUMBER

40-89-0767

fill in this form completely

Date Received (APA)

05249

OWNER INFORMATION

15 Last Name Hillier 21 Owner Hillier 27 First Name Hillier 34 Street or RFD 55 Town 57 State 70 Zip 76

B 3

LOCATION OF WELL

8 COUNTY HOWARD 21 WATERMAN ESTATES 23 SUBDIVISION 42 SECTION 2 44 46 LOT 4 48 50 52 NEAREST TOWN FULTON 71

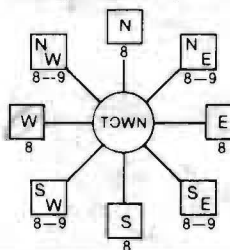
MILES FROM TOWN (enter 0 if in town) 1.3 MI 73 76 77 78

DRILLER INFORMATION

Driller's Name Joseph L. Magee 77 License No. 80 238 Firm Name Joseph L. Magee Well Drilling Address 5512 Ridge Rd. Mt. Airy, Md. 21771 Signature Joseph L. Magee Date 5/22/89

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



11 NEAR WHAT ROAD Burnside Bridge Ford 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 275 37 DISTANCE FROM ROAD

ENTER FT or MI FT 38 39

B 2

WELL INFORMATION

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

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- [D] HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) [F] FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) [I] INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) [P] PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) [T] TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

COUNTY NAME HOWARD COUNTY NO. A-39079

STATE SIGNATURE DATE ISSUED 061689

CO SIGNATURE EXP. DATE

NORTH GRID 481000 EAST GRID 0814000

APPROXIMATE DEPTH OF WELL 240 FEET 24 28

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

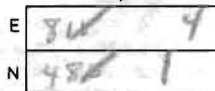
METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROtary AIR-PERcussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROtary DRive-POINT other

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE



7/11/89 WELL OK SEE OTHER SIDE RJA

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)

- [N] THIS WELL WILL NOT REPLACE AN EXISTING WELL [Y] THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED [S] THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY [D] 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 (OEP USE ONLY)

APPROX. PERMIT NUMBER GAP 54 63

FORCE CV PERMIT NO. 40-89-0767 67 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

7/11/89

- ① 40 FT casing
 - ② 31 FT open hole
 - ③ 12 Bags
 - ④ location of -
 - ⑤ Well already Gwuler
- I got information from Johnny

RECEIVED
HOWARD COUNTY
HEALTH DEPT
FAY 23 9 04 AM '89

