

C1 4538 SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER A25877

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 030791

Depth of Well 125 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-88-1673

OWNER Hartmann Paul last name first name MD Route 94 TOWN Lisbon STREET OR RFD SUBDIVISION CUFOLD PROP SECTION LOT

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes entries for Brown Shale and Gray Granite.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS: 8, NO. OF POUNDS: 732

CASING RECORD: MAIN CASING TYPE: ST (STEEL), Nominal diameter: 6 inch, Total depth: 34 feet

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

SCREEN RECORD: screen type or open hole: ST (STEEL), BR (BRASS), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER)

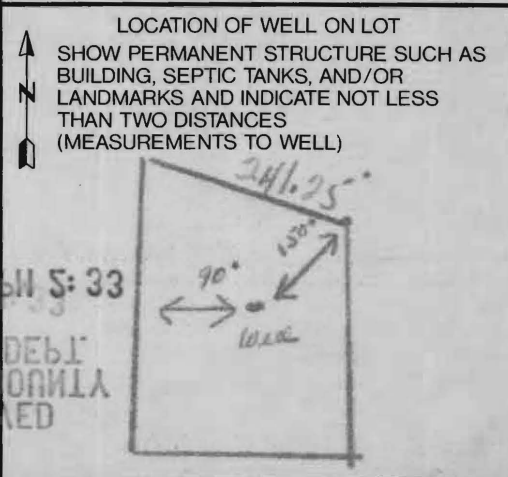
DEPTH (nearest ft.) table with rows for EACH CASING and SCREEN, and SLOT SIZE, DIAMETER OF SCREEN

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST: HOURS PUMPED (nearest hour) 3, PUMPING RATE (gal. per min. to nearest gal.) 124, METHOD USED TO MEASURE PUMPING RATE: Bucket, TYPE OF PUMP USED (for test): S (submersible)

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES NO, TYPE OF PUMP INSTALLED: S (submersible), CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT



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...

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 1 **3475** SEQUENCE NO. (DP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
 APPLICATION FOR PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
40-88-1673
 fill in this form completely

B 3 **OWNER INFORMATION**
 Date Received (APA) **022291**
 8 COUNTY 13
 15 Last Name **HARRIS** Owner 34
 First Name **PAUL**
 36 Street or RFD **3043 SCHUBERT DRIVE** 55
 57 Town **SILVER SPRING** 70 State 72 **MD** Zip 76 **20904**

B 3 **LOCATION OF WELL**
 1 2 **HOWARD**
 8 COUNTY 21
 23 SUBDIVISION **CIOFOLLO PROP** 42
 SECTION 44 46 LOT 48 50
 52 NEAREST TOWN **LISBON** 71
 MILES FROM TOWN (enter 0 if in town) **4** 73 76 77 78 **M I**

DRILLER INFORMATION
 Driller's Name **Joseph L. Mayne** 77 License No. 80 **238**
 Firm Name **Joseph L. Mayne Well Drilling**
 Address **5512 Ridge Rd. Mt. Airy, Md. 21771**
 Signature **Joseph L. Mayne** Date **2/22/91**

B 4
 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 11 NEAR WHAT ROAD **Md. 94** 30
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH N
 WEST W 32 EAST E
 SOUTH S
 34 DISTANCE FROM ROAD **1/2** 37
 ENTER FT or MI **M I** 38 39

B 2 **WELL INFORMATION**
 1 2 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)
 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. **A25877**
 STATE SIGNATURE _____ INSERT S _____ 41
 DATE ISSUED **022691** CO SIGNATURE **Mark E. Tiffin** EXP. DATE **8/26/91**
 NORTH GRID **530000** EAST GRID **0763000**
 50 55 57 63

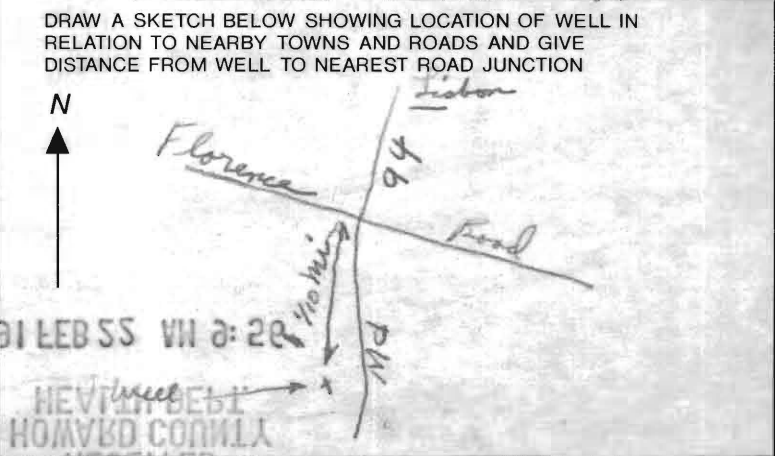
APPROXIMATE DEPTH OF WELL **249** FEET 24 28

APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

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 _____

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
 E **76X3**
 N **530**
 000 000 + RIT

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 DEEPEM 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 63
 FORCE **HR** WRITE INITIALS IN BOX PERMIT No. **40-88-1673**
 67 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

Page _____ of _____
 Date 3/7/91

Review OK MR 9/24/91

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 88-1673
 Location of property (road) Route 94
 Subdivision CIVFOLD PROP Lot _____ Block _____ Plat _____ Sec. _____
 Well Driller J. Mayne Owner Hartmann - Janice + Paul
 Depth of well 125
 Distance of measuring point (M.P.) above ground 1'
 Static water level (S.W.L.) below M.P. 34'

I. High rate pumping -- reservoir drawdown

Time pump started 7:40 Pumping rate 12 gpm
 Total time 15 min. to reach pumping water level 39 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 1/2 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:55	39	5 sec		12 gpm
8:10	39	5		12
8:25	39	5		12
8:40	39	5		12
8:55	39	5		12
9:10	39	5		12
9:25	39	5		12
9:40	39	5		12
9:55	39	5		12
10:10	39	5		12
10:25	39	5		12
10:40	39	5		12
10:55	39	5		12

