

C 1 6504 SECURITY NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER A49993-U

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

ST/CO USE ONLY DATE Received 3/6/97 DATE WELL COMPLETED 1 27 97 Depth of Well 22 365 26 PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-94-1013

OWNER A Layer Michael last name first name TOWN Fulton STREET OR RFD Janney Ct SUBDIVISION Easternview SECTION LOT PPA

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Sand, Gray Mica, and Rock.

Handwritten note: Dry well 400' filled in with cement & drilling materials

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL (CM, BC) NO. OF BAGS 20 NO. OF POUNDS 1880 GALLONS OF WATER 120 DEPTH OF GROUT SEAL 63

CASING RECORD

MAIN CASING TYPE ST Nominal diameter 6 Total depth 68

OTHER CASING (if used)

Empty table for other casing details.

SCREEN RECORD

screen type or open hole (ST, BR, HO, PL, OT)

DEPTH (nearest ft.) table with columns 1-51 and rows A through E.

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

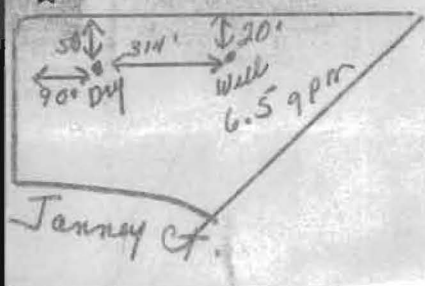
HOURS PUMPED 3 PUMPING RATE 6.5 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL 26 ft. BEFORE PUMPING WHEN PUMPING 20.7 ft. TYPE OF PUMP USED S

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES NO IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 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) 2

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)



NUMBER OF UNSUCCESSFUL WELLS: 1 WELL HYDROFRACTURED Y N

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 LIC. NO. 1 M SD024 DRILLERS SIGNATURE Joseph P. Mayne LIC. NO. 1 M D

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

EMERGENCY/TEMP NO. IF ANY

**B 1** 7478 SEQUENCE NO. (MDE USE ONLY) STATE OF MARYLAND PERMIT TO DRILL WELL STATE PERMIT NUMBER 40-94-1013  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS) please print or type *fill in this form completely*

**OWNER INFORMATION**  
 Date Received (APA) 120996  
L A G E R m i c h a e l  
 15 Last Name Owner First Name 34  
11914 Queen St  
 36 Street or RFD 55  
FULTON MD20759  
 57 Town 70 State 72 Zip 76

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

**DRILLER INFORMATION** CIRCLE: MSD/MGD/MWD  
Joseph L. Mayne 04  
 Driller's Name 77 License No. 80  
Joseph L. Mayne Well Drilling  
 Firm Name  
5512 Ridge Rd. Mt. Airy Md. 21771  
 Address  
Joseph L. Mayne 12/6/96  
 Signature Date

**B 4** DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
  
 NEAR WHAT ROAD Janney Ct.  
 11 30  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 NORTH  WEST  EAST  SOUTH   
 34 200 37  
 DISTANCE FROM ROAD  
 ENTER FT OR MI FT  
 38 39  
 TAX MAP: \_\_\_\_\_ BLK: \_\_\_\_\_ PARCEL \_\_\_\_\_

**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)  
 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)

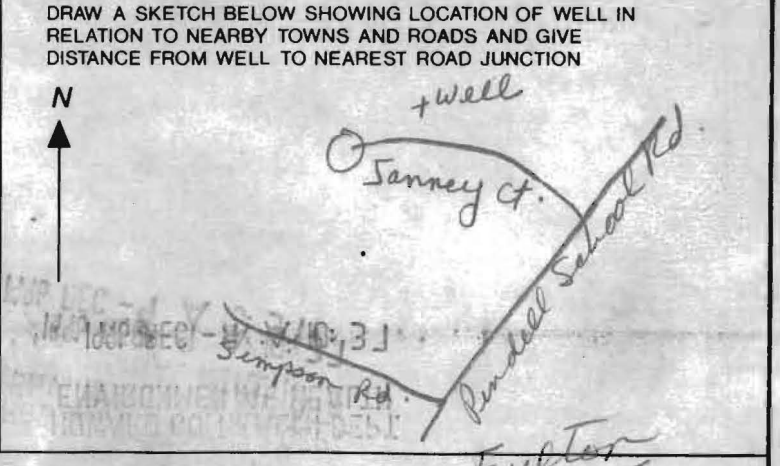
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
HOWARD CO. A 49993U  
 COUNTY NAME COUNTY NO.  
 STATE SIGNATURE \_\_\_\_\_ INSERT S  41  
 DATE ISSUED 12/18/96 J M Miller 12/18/96  
 43 48 CO SIGNATURE EXP. DATE  
 NORTH GRID 486000 EAST GRID 0822000  
 50 55 57 63

APPROXIMATE DEPTH OF WELL 200 FEET  
 24 28  
 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  
 E 8202  
 N 486  
 000 000  
 1-27-97 700 640VA  
 930 640VA

**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 \_\_\_\_\_

**REPLACEMENT OR DEEPEINED 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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS  
 THIS WELL WILL DEEPEIN AN EXISTING WELL  
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41 \_\_\_\_\_ 52



**Not to be filled in by driller (MDE OR COUNTY USE ONLY)**  
 APPROP. PERMIT NUMBER \_\_\_\_\_ 54 63  
 FORCE AM WRITE INITIALS IN BOX PERMIT No. 40-94-1013  
 67 68 70 71 72 73 74 75 76 77 78 79



**FIELD DATA SHEET**  
**HOWARD COUNTY WELL YIELD TEST**

Well Permit No. HO - 94-1013  
 Location of property (road) Janey Ct  
 Subdivision Easternview Lot PPA Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller Joseph Mayne Owner Michael Fager

Depth of well 365'  
 Distance of measuring point (M.P.) above ground 2'  
 Static water level (S.W.L.) below M.P. 26'

**I. High rate pumping -- reservoir drawdown**

Time pump started 7:25 Pumping rate 20gpm  
 Total time 30 min to reach pumping water level 207 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)
7:40	137	3 sec		20gpm
7:55	207	3		20
8:10	206	9		6.5
8:25	206	9		↓
8:40	206	9		
8:55	206	9		
9:10	206	9		
9:25	206	9		
9:40	206	9		
9:55	206	9		
10:10	206	9		
10:25	206	9		
10:45	206	9		
10:55	206	9		6.5
			1-27/7 68' casing per driller 63' open per driller 20' bags of grout per driller no sample taken location OK 1CM/GS	

