

C 1 **06759** SEQUENCE NO. (MDE 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) **FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE** COUNTY NUMBER **A23736** PERMIT NO. **HO-94-2261**

DATE RECEIVED **MM 05 DD 19 YY 99** DATE WELL COMPLETED **MM 05 DD 19 YY 99** DEPTH OF WELL **400'** FROM "PERMIT TO DRILL WELL" **HO-94-2261**

OWNER **Duncan John** STREET OR RFD **Clemson Cooks Rd** TOWN **Clemson** SUBDIVISION **14875 Cemetery Rd** SECTION **14** LOT **1-16**

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	15	
Gray Granite	15	400	✓

GROUTING RECORD (Circle appropriate box)

WELL HAS BEEN GROUTED **Y** **N**

TYPE OF GROUTING MATERIAL (Circle one)
CEMENT **CM** BENTONITE CLAY **BC**

NO. OF BAGS **5** NO. OF POUNDS **470**

GALLONS OF WATER **30**

DEPTH OF GROUT SEAL (to nearest foot)
from **0** ft. to **19** ft.

CASING RECORD

types insert appropriate code below

ST **CO**
STEEL CONCRETE

PL **OT**
PLASTIC OTHER

MAIN CASING TYPE **ST** **6** **21**

Nominal diameter top (main) casing (nearest inch): **6**

Total depth of main casing (nearest foot): **21**

OTHER CASING (if used)

diameter inch _____ depth (feet) from _____ to _____

SCREEN RECORD

screen type or open hole **ST** **BR** **HO**
STEEL BRASS OPEN HOLE

insert appropriate code below **PL** **OT**
PLASTIC OTHER

NUMBER OF UNSUCCESSFUL WELLS: **0**

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.: **MSD024**

DRILLERS SIGNATURE **Joseph L. Marjano**

LIC. NO.: **M D**

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

C 2 DEPTH (nearest ft.)

10 **20** **400**

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 68

MDE 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 _____

C 3 **PUMPING TEST**

HOURS PUMPED (nearest hour) **6**

PUMPING RATE (gal. per min.) **1 1/2**

METHOD USED TO MEASURE PUMPING RATE **Air**

WATER LEVEL (distance from land surface)

BEFORE PUMPING **52** ft.

WHEN PUMPING **290** ft.

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) **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 **29**

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

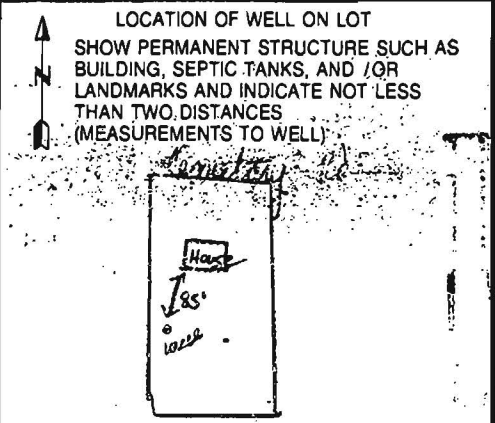
PUMP HORSE POWER **37**

PUMP COLUMN LENGTH (nearest ft.) **43**

CASING HEIGHT (circle appropriate box and enter casing height)

+ above **LAND SURFACE**

- below **/** (nearest foot)



B 1 7450

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-2261 fill in this form completely

Date Received (APA) 05-17-99

OWNER INFORMATION

Owner: John Duncan, 14875 Cemetery Rd., Cooksville Md. 21723

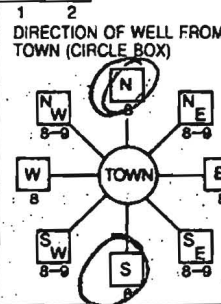
LOCATION OF WELL

Howard County, 23 Subdivision, Section 44, Lot 48, Nearest Town: Cooksville, Miles from town: 1.1

DRILLER INFORMATION

Driller's Name: Joseph E. Mayne, License No. MS D 24, Firm Name: Joseph E. Mayne Well Drilling, Address: 5512 Ridge Rd., Mt. Airy, Md. 21771, Date: 5/14/99

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



14875 Cemetery Road, NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

Distance from road: 480 FT, Enter ft or mi: 0.48

Tax Map: 14, Blk: 4, Parcel: 16

WELL INFORMATION

Approx. Pumping Rate: 5 GAL. PER MIN., Average Daily Quantity Needed: 500 GAL. PER DAY

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- Domestic Potable Supply & Residential Irrigation (D)
Farming (Livestock Watering & Agricultural Irrigation) (F)
Industrial Commercial Dewatering (I)
Public Water Supply Well (P)
Test, Observation, Monitoring (T)
Geo-Thermal (G)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard County, A23736, State Signature: Mark E. Riddlein, Date Issued: 05-17-99, North Grid: 539, East Grid: 0791

Approximate Depth of Well: 360 FEET

Approximate Diameter of Well: 6 INCH

METHOD OF DRILLING (circle one)

Bored (or Augered) JETTED Jetted & DRIVEN, AIR-ROTary, AIR-PERcussion, ROTARY (Hydraulic Rotary), CABLE, REVerse-ROTary, Drive-POINT

REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX)

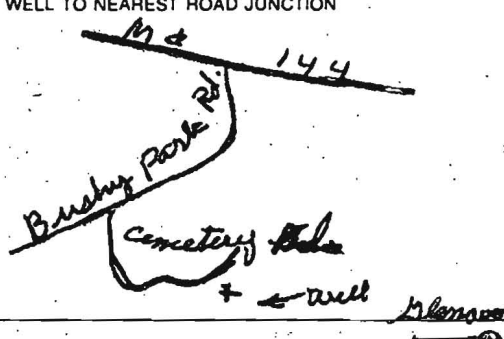
- This well will not replace an existing well (N)
This well will replace a well that will be abandoned and sealed (Y)
This well will replace a well that will be used as a standby-contact local approving authority for policy on standby wells (S)
This well will deepen an existing well (D)

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X, SOURCES OF DRILLING WATER: 1. Well

WRITE THE BOX NUMBER FROM THE MAP HERE

E 79x1, N 53x9

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



Not to be filled in by driller (MDE OR COUNTY USE ONLY)

Approp. Permit Number: HO-94-2261

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED