

C1 2935

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER A 522526

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

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO.

FROM "PERMIT TO DRILL WELL" Ho-95-0520

OWNER: Dadda William, STREET OR RFD: Hardy Rd, TOWN: Mt. Airy, SUBDIVISION: Woodcamp, SECTION, LOT

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. Entries: Brown Shale 0-56, Blue Rock 56-440'

GROUTING RECORD

WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM), CEMENT, BENTONITE CLAY (BC), NO. OF BAGS 15, NO. OF POUNDS 1410, GALLONS OF WATER 90, DEPTH OF GROUT SEAL 0-56 ft.

CASING RECORD

MAIN CASING TYPE (ST), Nominal diameter top (main) casing 6, Total depth of main casing 60

OTHER CASING (if used)

Table for OTHER CASING with columns: diameter inch, depth (feet) from, to

SCREEN RECORD

screen type or open hole (ST), insert appropriate code below

C 2

DEPTH (nearest ft.)

Table for C 2 with columns: slot size, diameter of screen, gravel pack

C 3

PUMPING TEST

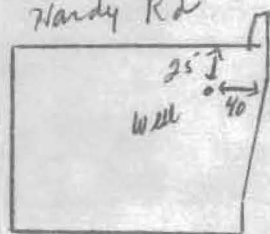
HOURS PUMPED (nearest hour) 6, PUMPING RATE (gal. per min.) 1.5, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL (distance from land surface) BEFORE PUMPING 50 ft, WHEN PUMPING 380 ft

PUMP INSTALLED

DRILLER INSTALLED PUMP YES (NO), TYPE OF PUMP INSTALLED (S), 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 2 (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)



DRILLERS LIC. NO. 1 M S D 024 1, DRILLERS SIGNATURE Joseph L. Mayne

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

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

B 1 1404
1 2 3 6

SEQUENCE NO.
(MDE USE ONLY)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
525249 please type

STATE PERMIT NUMBER
40 - 95 - 0520
fill in this form completely

Date Received (APA)
8 MM DD YY 13
OWNER INFORMATION
15 Last Name Oodd Owner William First Name 34
36 Street or RFD 17545 Hardy Rd 55
57 Town Mt. Airy Md 21771 70 State 72 Zip 76

B 3 LOCATION OF WELL
8 COUNTY Howard 21
23 SUBDIVISION Woodcamp 42
SECTION 44 46 LOT 1 48 50
52 NEAREST TOWN Mt. Airy 71
MILES FROM TOWN (enter 0 if in town) 3 1/2 M 73 76 77 78

DRILLER INFORMATION
Driller's Name Joseph L. Wayne 76 License No. M 5 D 0 2 4 81
Firm Name Joseph L. Wayne Well Drilling
Address 5512 Ridge Rd Mt Airy md. 21771
Signature Joseph L. Wayne 9/8/06 Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NEAR WHAT ROAD Hardy Road 11 30
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
34 4.5 37 DISTANCE FROM ROAD FT
ENTER FT OR MI 38 39
TAX MAP: 6 BLK: 6 PARCEL 485

B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL
COUNTY NAME Howard COUNTY NO. 9522526
STATE SIGNATURE _____ INSERT S → 41
DATE ISSUED 9/8/06 CO SIGNATURE Scott B... EXP. DATE 9/8/07
43 MM DD YY 48
NORTH GRID 550 0 0 0 EAST GRID 764 0 0 0
50 55 57 63

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
22 INDUSTRIAL, COMMERCIAL, DEWATERING
 PUBLIC WATER SUPPLY WELL
 TEST, OBSERVATION, MONITORING
 GEO-THERMAL

APPROXIMATE DEPTH OF WELL 300 FEET
APPROXIMATE DIAMETER OF WELL 6 INCH 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 764
N 550
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 _____

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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
 THIS WELL WILL DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION
Mt Airy
Hardy Rd
Long Corner Rd
Md 144
N
well *

Not to be filled in by driller (MDE OR COUNTY USE ONLY)
APPROX. PERMIT NUMBER _____ G _____
PERMIT No 40 - 95 - 0520
70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS
NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 95-0520
 Location of property (road) Hardy Rd
 Subdivision Woodcamp Lot 1 Block _____ Plat _____ Sec. _____
 Well Driller Joseph L Mayne Owner William Dodd

Depth of well 440
 Distance of measuring point (M.P.) above ground 1 1/2
 Static water level (S.W.L.) below M.P. 50'

I. High rate pumping -- reservoir drawdown

Time pump started 7:15 Pumping rate 15 gpm
 Total time 45 min. to reach pumping water level 380 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

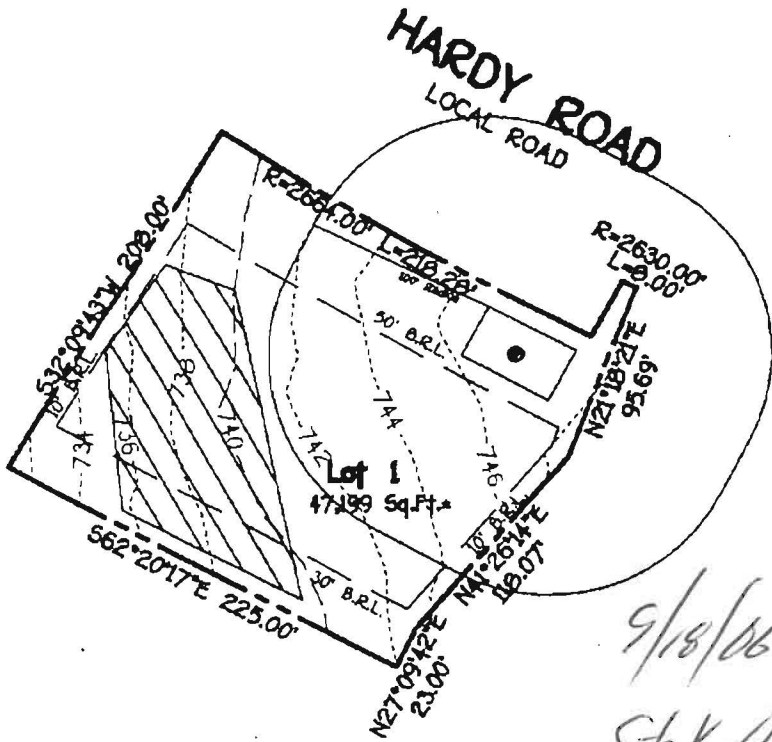
TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5/ gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:30	142	4 sec	N/A	15 gpm
7:45	262	4		15
8:00	380	5		12
8:15	378	40		1.5
8:30	378	40		1.5
8:45	377	40		1.5
9:00	377	40		1.5
9:15	377	40		1.5
9:30	377	40		1.5
9:45	376	40		1.5
10:00	376	40		1.5
10:15	376	40		1.5
10:30	376	40		1.5
10:45	376	40		1.5
11:00	375	40		1.5
11:15	375	40		1.5
11:30	375	40		1.5
11:45	375	40		1.5
12:00	374	40		1.5
12:15	374	40		1.5
12:30	374	40		1.5
12:45	374	40		1.5
1:00	374	40		1.5
1:15	374	40		1.5

1:30 374
1:45 374
2:00 374

40 sec.
40
40

1.5 gpm.
1.5
1.5

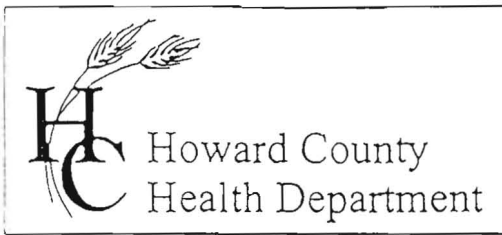
RECEIVED
WARD COUNTY HEALTH &
ENVIRONMENTAL HEALTH
2006 OCT 25 PM 5:17



9/18/06 well site OK
Staked by FCC
②

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21042
(410) 461 - 2855

EXHIBIT TO ACCOMPANY
WELL PERMIT
LOT 1
WOODCAMP
TAX MAP 6 GRID 6 PARCEL 485
HOWARD COUNTY, MARYLAND
SCALE 1"=100'
DATE SEPTEMBER 7, 2006



3525 H Ellicott Mills Drive • Ellicott City, MD 21043
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

ATTENTION WELL DRILLERS!!!

When submitting a well application for a new or replacement well, please indicate one of the following:

- The well site has been staked by Fisher Collins Carter on Sept 2006 and is ready for site inspection.
- _____ will call the Health Department for a time to meet in the field to verify a well location.
- Site plan for new well is attached to well permit application.

Please attach this sheet when submitting your green application. This should help improve communication allowing a more timely service for our citizens.

KN

William Dodd

301-829-5937-240-674-6955