

C 0517

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

1 2 3 6
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER W516012

ST/CO USE ONLY
DATE RECEIVED
MM DD YY
8 13

DATE WELL COMPLETED

MM DD YY
12/19/01

Depth of Well

22 300 26
(TO NEAREST FOOT)

(To deepen existing well)

PERMIT NO. FROM "PERMIT TO DRILL WELL"

HO-94-3253

OWNER: Curtis Billy W.
STREET OR RFD: 50 Ridge Rd TOWN: MT AIRY
SUBDIVISION: Ridgeville Hts SECTION: LOT: 76

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	
Ap slate			
Brown slate	75	110	✓
Tan slate	110	114	
Gray slate	114	300	

deepened well

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N

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

NO. OF BAGS 13 NO. OF POUNDS 1380

GALLONS OF WATER 78

DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 30 ft.
48 TOP 52 54 BOTTOM 58 ft.
(enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

ST STEEL CO CONCRETE
 PL PLASTIC OT OTHER

MAIN CASING TYPE St Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 34

60 61 63 64 66 70

OTHER CASING (if used)

E A C H C A S I N G	diameter		depth (feet)	
	inch		from	to

SCREEN RECORD

screen type or open hole (insert appropriate code below)

ST STEEL BR BRASS HO OPEN HOLE
 PL PLASTIC OT OTHER

DEPTH (nearest ft.)

1	2	3	4	5	6
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48
49	50	51	52	53	54

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)
56 from 60 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) 3

PUMPING RATE (gal. per min.) 15

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 34 ft.

WHEN PUMPING 46 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 INSTALLED PUMP (CIRCLE) (YES or NO) 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. 29

CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

PUMP HORSE POWER 37 41

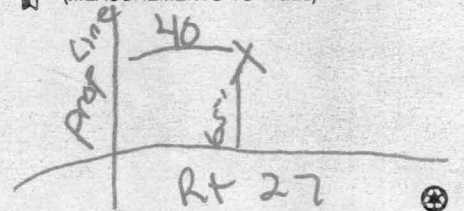
PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height)

+ above } LAND SURFACE
 - below } 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)



B 1 5049

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO - 94 3253

W516012 please print or type

fill in this form completely

Date Received (APA) 8/24/01 8741

B 3 HOWARD LOCATION OF WELL

OWNER INFORMATION CURTIS BILLY W 24620 RIDGE RD DAMASCUS, MD 20872

8 COUNTY Ridgeville Heights 23 SUBDIVISION Mt. Airy 52 NEAREST TOWN

DRILLER INFORMATION

George F. Easterday M W D 040 L. Franklin Easterday, Inc. 9265 Brown Church Rd., Mt. Airy, Md. 21771

B 4 9265 Ridge Rd

Diagram showing directions of well from town (N, S, E, W, NE, SE, SW, NW) and distance from road (120 ft).

B 2 WELL INFORMATION

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

- USE FOR WATER (CIRCLE APPROPRIATE BOX) D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

Howard W516012 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 10/12/01 CO SIGNATURE RONALD PINKLEY 10/13/02

APPROXIMATE DEPTH OF WELL 300 FEET APPROXIMATE DIAMETER OF WELL 6 INCH

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

METHOD OF DRILLING (circle one) BORED (or Augered) AIR-ROTARY CABLE

WRITE THE BOX NUMBER FROM THE MAP HERE 7409 550

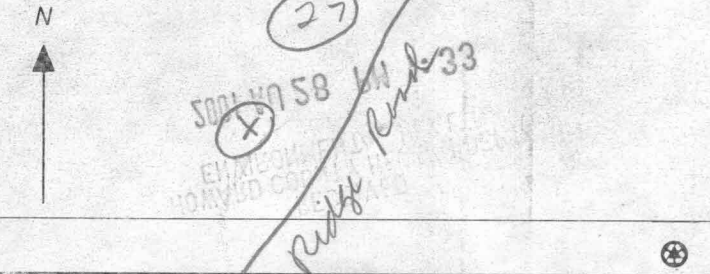
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- 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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS D THIS WELL WILL DEEPEN AN EXISTING WELL

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 G PERMIT No. HO - 94 - 3253



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

12-26-01
 12:00

Review OK R/P 4/25/02

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-3253
 Location of property (road) 950 Ridge Road
 Subdivision Ridgeville Hots Lot 76 Block _____ Plat _____ Sec. _____
 Well Driller G. Easterday Owner Billy M. Curtis

Depth of well 300 8 gpm
 Distance of measuring point (M.P.) above ground 2 FT
 Static water level (S.W.L.) below M.P. 34 FT

I. High rate pumping -- reservoir drawdown

Time pump started 12:45 Pumping rate 15 gpm
 Total time _____ to reach pumping water level 34 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 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
1245	34 FT	4 sec	Flow meter	15 gpm
100	39 FT	4 sec	295 FT	15 gpm
115	42 FT	4 sec	295 FT	15 gpm
130	42 FT	4 sec	295 FT	15 gpm
145	43 FT	4 sec	295 FT	15 gpm
200	43 FT	4 sec	295 FT	15 gpm
215	43 FT	4 sec	295 FT	15 gpm
230	44 FT	4 sec	295 FT	15 gpm
245	44 FT	4 sec	295 FT	15 gpm
300	45 FT	4 sec	295 FT	15 gpm
315	45 FT	4 sec	295 FT	15 gpm
330	46 FT	4 sec	295 FT	15 gpm
345	46 FT	4 sec	295 FT	15 gpm

TESTED BY
 Diddle

HOWARD COUNTY HEALTH DEPARTMENT
 Bureau of Environmental Health
 3525-H Ellicott Mills Drive
 Ellicott City, MD 21043
 Phone: 410-313-2640
 Fax: 410-313-2648

313
1771

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
 Replacement _____

Receipt # _____
 Date 10/8/02

Name of Installer Carroll Water Systems, Inc.

Telephone 410-876-5100

License Number PI-074

Certified Well Pump Installer Well Driller _____ Registered Plumber _____

Name of Property Owner BENCHMARK HOMES Telephone 301-325-6400
 Subdivision: RIDGEVIEW HEIGHTS Lot# 80 Well Tag# HO-94-3253
 Site Address 950 Ridge Road 76
NE Hwy MD 21774

Pump

1. Type
 - a. Deep well jet _____
 - b. Shallow well jet _____
 - c. Submersible
2. Make Gould's
3. Model # 75B07422
4. Capacity 7 GPM

Motor

1. Horsepower 1/2
2. RPM 3450
3. Voltage
 - a. 110 _____
 - b. 220

Pitless Adapter

1. Make Campbell
2. Model # B-10X
3. Depth 48"

5. Pump exceeds well capacity Yes _____ No
6. If yes, is low pressure cutoff switch installed? Yes _____ No
7. What methods are used to protect the pump and electrical wiring from vibrations?
 Torque arrestors _____ Cable guards Other _____

Tank

1. Capacity 120
 Pressure relief valve: Yes

Piping

1. Type Plastic
2. Size 1"
3. NSF and/or BOCA Code approved Yes
4. Depth of supply line 4'

Well data

1. Depth 300' ft
2. Yield 8 GPM
3. Static water level 50 ft.
4. Will water supply be disinfected by installer? No

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: [Signature]
 Date: 10/8/02

10/9/02 (SRK)
WPI OK

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.