

6615

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY PLEASE TYPE

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

COUNTY NUMBER

A41431

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

ST/CO USE ONLY

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE Received MM DD YY

06 22 05

22 400 26

HD - 95 - 0047

8 13

15 20

(TO NEAREST FOOT)

28 29 30 31 32 33 34 35 36 37

OWNER

STREET OR RFD

SUBDIVISION

Marvel Danna 2905 Redway Dr Green House

TOWN

SECTION

LOT

Ellicott City 16/19/243 12

WELL LOG

Not required for driven wells

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box)

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT (CM) BENTONITE CLAY (BC)

NO. OF BAGS NO. OF POUNDS

GALLONS OF WATER

DEPTH OF GROUT SEAL (to nearest foot)

from 48 TOP 52 ft. to 54 BOTTOM 58 ft.

CASING RECORD

casing types insert appropriate code below

ST STEEL CO CONCRETE PL PLASTIC OT OTHER

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

PL 6 40

OTHER CASING (if used)

inch depth (feet) from to

SCREEN RECORD

screen type or open hole insert appropriate code below

ST STEEL BR BRASS PL PLASTIC HO OPEN HOLE OT OTHER

DESCRIPTION (Use additional sheets if needed)

FEET

check if water bearing

FROM

TO

Top Soil 0 2 Sandy 2 30 Sandstone 30 35 MICKA 35 40 Sandstone 40 45 MICKA 45 400

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 6

PUMPING RATE (gal. per min.) I

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 22 ft.

WHEN PUMPING 20.5 ft.

TYPE OF PUMP USED (for test)

A air P piston T turbine C centrifugal R rotary O other J jet S submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) (YES or 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

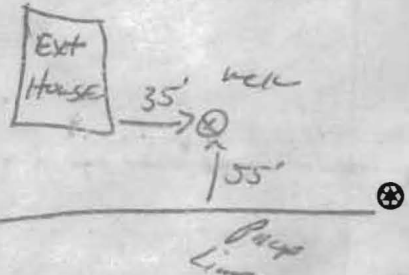
PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height)

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)



NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED

yes no 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 SD 123

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 D

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 TELESCOPE CASING LOG INDICATOR OTHER DATA

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

B 1 8996

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HD-95-0047

please type

fill in this form completely

Date Received (APA)

06/14/05

OWNER INFORMATION

15 MARUEL DANA 34
8300 Dogwood Dr.
57 Baltimore MD 21244 76

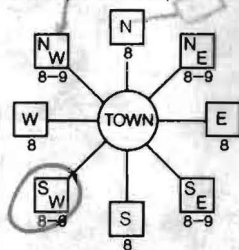
B 3 LOCATION OF WELL

8 COUNTY Howard 21
23 SUBDIVISION Green Hedge 42
SECTION 44 46 LOT 12 48 50
52 NEAREST TOWN MAYFIELD ELlicott City 71

DRILLER INFORMATION

Driller's Name RALPH E. WAYNE MS D 117 76 License No. 81
Firm Name RALPH E. WAYNE INC
Address 17021 Handy Rd Mt Airy MD 21771
Signature Date 6-13-05

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



2905
ORDWAY DR.
11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 150 37
DISTANCE FROM ROAD 38 39

TAX MAP: 16 BLK: 19 PARCEL 242

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- [D] DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
[F] FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
[I] INDUSTRIAL, COMMERCIAL, DEWATERING
[P] PUBLIC WATER SUPPLY WELL
[T] TEST, OBSERVATION, MONITORING
[G] GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME A11431 COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED 6/14/05 6/14/05
CO SIGNATURE EXP. DATE
NORTH GRID 530 000 EAST GRID 819 000

APPROXIMATE DEPTH OF WELL 150 24 28 FEET

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTary DRIVE-POINT
other

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 DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

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

APPROP. PERMIT NUMBER G
PERMIT No. HD-95-0047

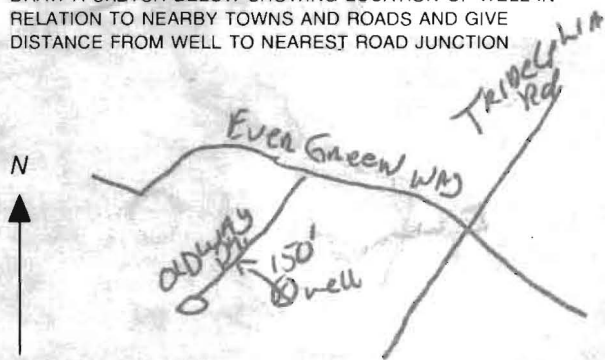
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

- SOURCES OF DRILLING WATER
1. well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 819
N 530

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



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

# CASSELL TESTING, INC.

ENVIRONMENTAL SAMPLING AND TESTING  
10940 BEAVER DAM ROAD, HUNT VALLEY, MD 21030-2211  
(410) 252-7742

REPORT DATE: Sep 23, 2005

County Howard

Lab Number 06-108

Sample iced Yes

Residual Cl<sub>2</sub> <0.1 mg/L Yes

cc: County Health Dept. Yes

## CERTIFICATE OF ANALYSIS

Maryland State Certified Water Quality

Laboratory No. 115

REQUESTER: Ms. Dana Marvel  
Heritage Realty  
3060 Route 97 Ste. 233  
Glenwood, Maryland 21738

Property Sampled: 2905 Ordway Drive, NEW WELL

Station Sampled: Hall Bathroom Tap

Tax Map #: 16

Date/Time Sampled: Sep 22, 2005 11:25 am

Parcel #: 242

Owner, Telephone No.: Martin

Sampler: 67246P

Subdivision Name: Green Henge

Lot Number: 12

Building Permit No.:

Well Number: HQ-95-0047

Observation: 2-Piece Cap  
Cap Tight  
1 Bolt Loose

### RESULTS OF ANALYSIS:

PARAMETER	RESULT	METHOD	*MCL/**SMCL	
Nitrate	6.4 mg/L as N	SM 4500D	*10 mg/L as N	Pass
Turbidity	1.4 NTU	EPA 180.1	*10 NTU	Pass
pH	5.9 Units	EPA 150.1	**6.5-8.5 Units	***
Sand	Negative		Negative	
Total Coliform	Absent	SM 9223B	*Absent	SAFE
E. coli (18 Hour Test)	Absent	SM 9223B	*Absent	SAFE

Treatment/Conditioning: NONE

\*\*\*A non-enforceable parameter that may cause cosmetic effects or aesthetic effects (such as taste, odor, or color) in drinking water.

Sharon K. Cassell

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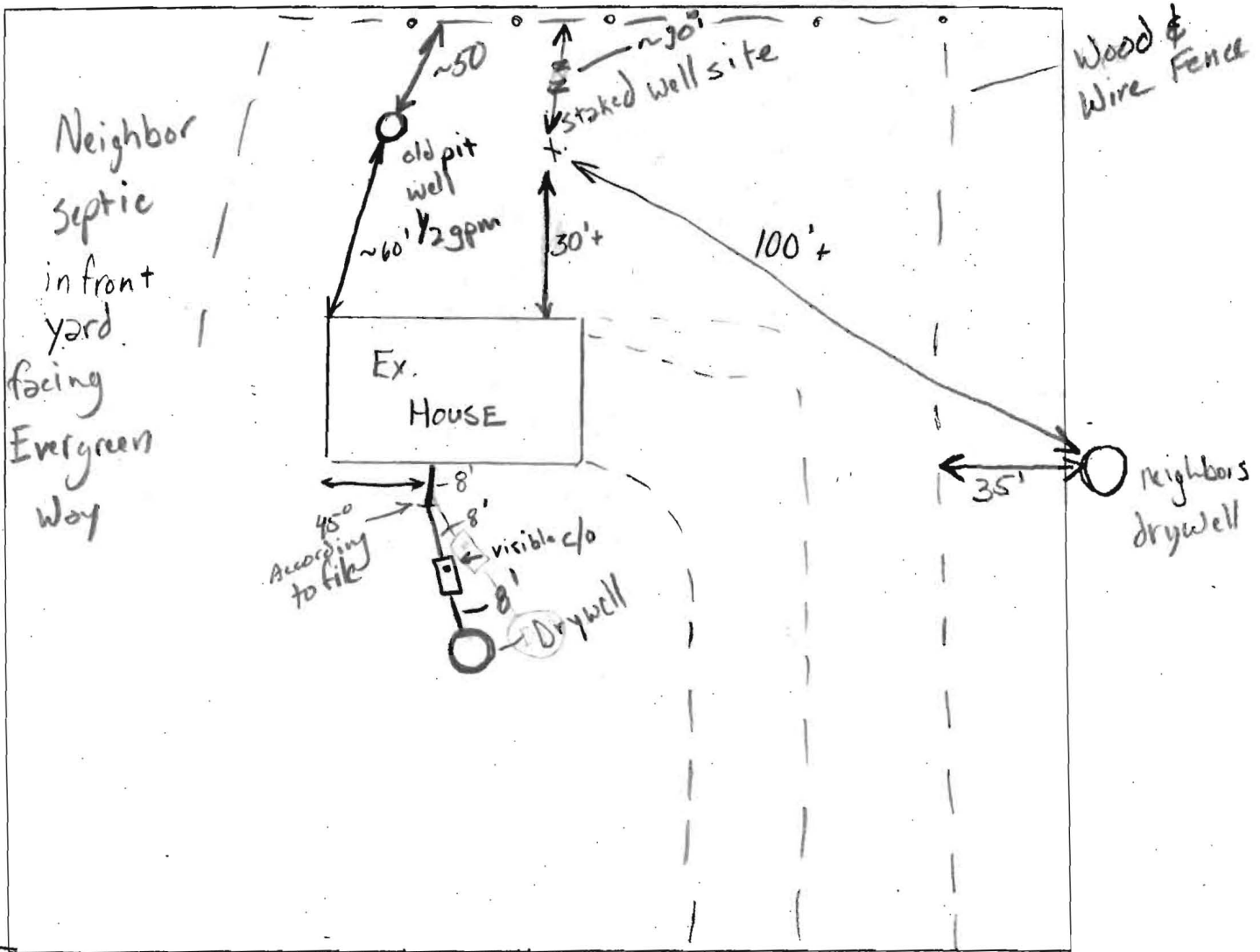
Sharon K. Cassell

\*MCL = Maximum Contamination Level  
 \*\*SMCL = Secondary Maximum Contamination Level

SITE INSPECTION SHEET

OWNER: \_\_\_\_\_ PHONE #: \_\_\_\_\_  
ADDRESS: 2905 Ordway Dr CONTRACTOR: Maynes Drilling  
WELL TAG #: \_\_\_\_\_  
SUBDIVISION: \_\_\_\_\_ LOT: \_\_\_\_\_ COUNTY #: Howard  
PROPOSAL: Replacement Well 1/2 gpm in existing well

LOCATION DIAGRAM



COMMENTS: ORDWAY  
New Well site meets setback requirements to  
all adjacent properties. (GAC)

DATE: 6/14/05 INSPECTOR: David A. Gipe

