

C1 07687

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED. On SRN 5/18/00

COUNTY NUMBER A511463A

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED MM 4 DD 3 YY 2000

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-74-2627

OWNER Avery last name, Audrey + John first name, TOWN Cooksville, SUBDIVISION Avery Property, SECTION, LOT 1

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Sand Stone and gray granite.

GROUTING RECORD form with fields for CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS (20), NO. OF POUNDS (1880), GALLONS OF WATER (120), DEPTH OF GROUT SEAL (78).

CASING RECORD form with fields for casing types (ST, CO, PL, OT), MAIN CASING TYPE (ST), Nominal diameter (6), Total depth (86).

OTHER CASING (if used) form with fields for diameter and depth.

SCREEN RECORD form with fields for screen type (ST, BR, HO, PL, OT) and screen diameter (56 to 60).

PUMPING TEST form with fields for HOURS PUMPED (3), PUMPING RATE (5), METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL (41 ft before, 218 ft when pumping), TYPE OF PUMP USED (S submersible).

PUMP INSTALLED form with fields for DRILLER INSTALLED PUMP (YES), TYPE OF PUMP INSTALLED (S), CAPACITY: GALLONS PER MINUTE (31 to 35), PUMP HORSE POWER (37 to 41), PUMP COLUMN LENGTH (43 to 47), CASING HEIGHT (2 ft below land surface).

NUMBER OF UNSUCCESSFUL WELLS: 0, WELL HYDROFRACTURED: YES (Y)

CIRCLE APPROPRIATE LETTER: A (well abandoned), E (electric log obtained), P (test well converted to production well).

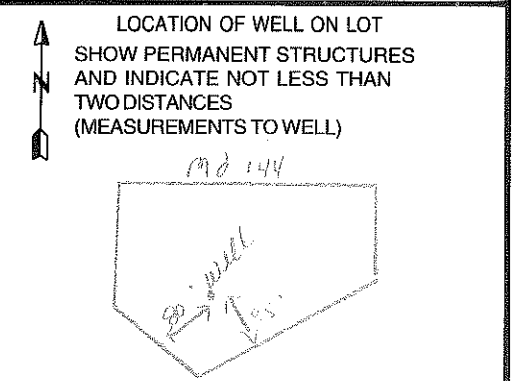
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS LIC. NO. 1 M5 D 24, DRILLERS SIGNATURE (Must match signature on application), LIC. NO. 1 D

DEPTH (nearest ft.) table with columns for depth intervals (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, 55-56, 57-58, 59-60, 61-62, 63-64, 65-66, 67-68, 69-70, 71-72, 73-74, 75-76, 77-78, 79-80, 81-82, 83-84, 85-86, 87-88, 89-90, 91-92, 93-94, 95-96, 97-98, 99-100) and values for 84 and 360.

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 14320

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-2629 fill in this form completely

Date Received (APA) 3/18/00

OWNER INFORMATION

8 MM DD YY 13 Avery Audrey + John 15 Last Name Owner First Name 34 143310 Frederick Rd. 36 Street or RFD 55 Cooksville Md 21723 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL

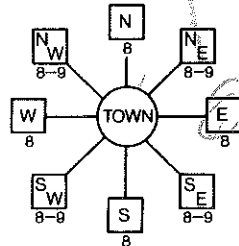
8 COUNTY Howard 21 23 SUBDIVISION Avery Property 42 SECTION 44 46 LOT 48 50 Cooksville 52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 1/2 73 76 77 78

DRILLER INFORMATION

Driller's Name Joseph L. Magee MS D 24 76 License No. 81 Firm Name Joseph L. Magee Well Drilling Address 5512 Ridge Rd. Mt Airy Md. 21771 Signature Joseph L. Magee Date 3/6/2000

B 4 1 2 LOCATION OF WELL FROM TOWN (CIRCLE BOX)



11 NEAR WHAT ROAD 30 Mt Airy Frederick Road

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 180 37 DISTANCE FROM ROAD FT 38 39 ENTER FT OR MI

TAX MAP: 8 BLK: 23 PARCEL 97

B 2 WELL INFORMATION

1 2 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)

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A 511463A COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 3/22/00 CO SIGNATURE EXP. DATE 3/22/01 NORTH GRID 540 000 EAST GRID 0796 000

APPROXIMATE DEPTH OF WELL 280 24 28 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH 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)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 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

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

APPROX. PERMIT NUMBER 54 G A P 63

PERMIT No. HO-94-2629 70 71 72 73 74 75 76 77 78 79

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 7926 N 540

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

LOT NO. 3941
LOT 5

CgC2

MARYLAND
SCENIC
MINOR

65 dba NOISE LINE

EX. STONE DRIVE
TO BE REMOVED
AND AREA SEEDED
AND MULCHED

EX. GAS VALVE

EX. E/P

EX. PP CAP

EX. WALNUT

EX. OAK

LOT 1
50,000 S.F.

S72°53'23"E

EX. WELL

PROP. WELL

PROP. WELL

EX. 2"
D.WELL

ChB2

LOT 2
43,560 S.F.

MIE

DA WILLIAMS
11247 E. 463
N15°55'04"E

BRIGANDINE
H 3488 E. 1648

MICHAEL & GERALDINE
H 3488 E. 1648

MIDDLE PATUXENT RIVER

75' STREAM BUFFER

Ha
FOREST
CONSERVATION
EASEMENT 'A'

ChD2

LIMIT OF
WETLANDS

LIMIT C
FLOODPL
HOWARD COUN
AERIAL TOPOGRAPH

PROP. WELL

100'R

35' BRL

10' BRL

Avery Probert & Co
Frederick Md (RA144)

ChR2

CcC2

N74°51'29"W

25' WETLANDS BUFFER

25' WETLANDS BUFFER

75' STREAM BUFFER

PARSEY

46

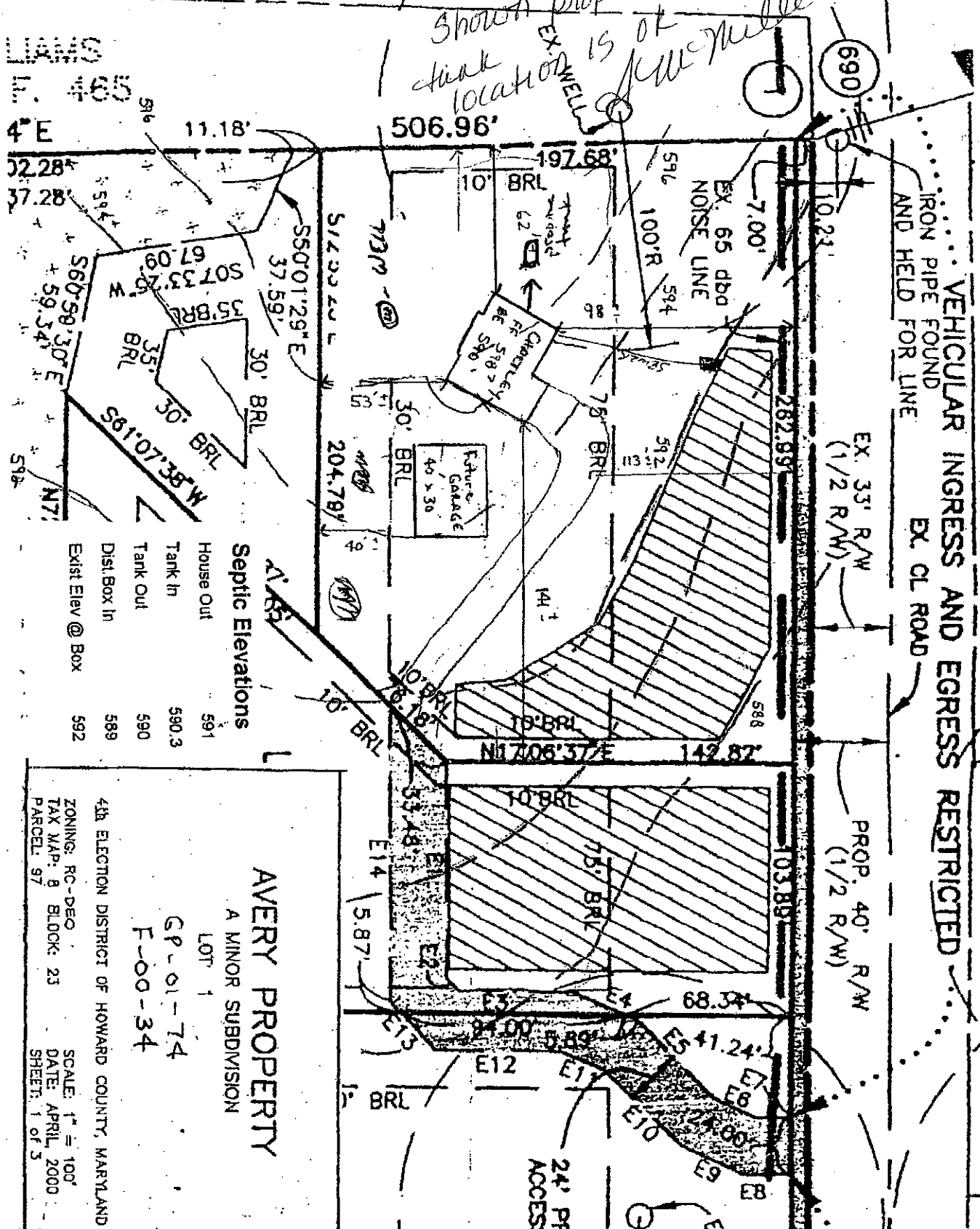
202

100

7/11/01

B00131319

Shown propane tank location is of McMillen



Septic Elevations

House Out	591
Tank In	590.3
Tank Out	590
Dist. Box In	589
Exist Elev @ Box	592

AVERY PROPERTY
 A MINOR SUBDIVISION
 LOT 1
 GP-01-74
 F-00-34

4th ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND

ZONING: RC-DEO
 TAX MAP: B BLOCK 23
 PARCEL: 97

SCALE: 1" = 100'
 DATE: APRIL, 2000
 SHEET: 1 of 3

**HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-2648**

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: FEAGA Plumbing & Heating Telephone #: 410-465-1401
 Address: 3305 Heronwood Rd
Woodstock, MD 21162

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
 License # and name of individual responsible for the field installation:
 Name (Print): Ken Feaga License# 62318
 *A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: _____ Telephone #: _____
 Subdivision: AVERY PROPERTY Lot #: 1 Well Tag #: HO-94-2627
 Site Address: _____

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>Goulds</u>	Make: <u>Campbell</u>	Two piece watertight cap: <input checked="" type="checkbox"/>
Model #: <u>7GS0742</u>	Model#: <u>B10X</u>	Screened, vented well cap: <input checked="" type="checkbox"/>
Pump Capacity: <u>7</u> GPM	Depth: <u>40</u> (36" min)	Cap secured to casing: <input checked="" type="checkbox"/>
Well Yield: _____ GPM	NSF approved: <input checked="" type="checkbox"/>	Conduit min 18" B.G.: <input checked="" type="checkbox"/>
Depth of well encountered at time of pump installation: <u>70.5</u> (feet)		Conduit secured to well cap: <input checked="" type="checkbox"/>

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
 Torque arrestors or Cable guards are required - Must circle one
 Safety rope, if used, attached to inside of well casing with eye bolt

<u>Piping to house</u>	<u>House Connection</u>
Type: <u>PE</u>	PVC sleeved to undisturbed soil at wall penetration: <input checked="" type="checkbox"/>
PSI: <u>160</u> (160 psi min)	Approximate length of sleeve: <u>8ft</u>
Depth of supply line: <u>40</u> (36" min)	Sleeve caulked and sealed properly: <input checked="" type="checkbox"/>

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: _____ date: 7/17/01

For Health Department Use Only - Not to be completed by installer

Date Insp. Requested: 6/15/01 Date Insp. Approved: 6/15/01 (MR)
 Inspection Data: Pitless adapter and water supply line at least 36" below grade
 Two piece cap installed and attached to casing securely
 Elec. conduit extends at least 18" below grade/attached to cap properly
 Safety rope installed inside of well casing
 Correct well tag attached properly and casing 8" above finished grade
 Water supply line sleeved adequately at house connection
 Adequate grout observed below pitless adapter
 BB