



HOWARD COUNTY HEALTH DEPARTMENT

44558

CODES

DATE

3/7/13

WS

CASH

CHECK

NO.

cc

58633612

Received
From

William Guingardi

For

Well permit - 11174 Wood Elms way

One hundred sixty ^{xx} / 1 = Dollars

\$

160 | 00

Received By

Juanita King

C1 11089

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 TYPE

COUNTY NUMBER

ST/CO USE ONLY

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE Received MM DD YY

MM DD YY

22 300 26

28 29 30 31 32 33 34 35 36 37

OWNER Heckman Timothy WELL SITE ADDRESS 1174 Wood Elms Way TOWN Columbia MD SUBDIVISION Village Halls Place SECTION LOT 11

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)

Table with columns: FEET FROM, FEET TO, check if water bearing. Rows: Top Soil (0-1), Bin clay (1-10), Weathered Rock (10-15), Hard Gray Rock (15-85), Hard Gray Blk Rock (85-120), Hard Gray Rock (120-300)

NUMBER OF UNSUCCESSFUL WELLS:

WELL HYDROFRACTURED YES NO

- 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...

DRILLERS LIC. NO. M W D 553

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. A W D 875

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

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 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

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)

60 61 63 64 66 70

OTHER CASING (if used)

EACH CASING diameter inch depth (feet) from to

SCREEN RECORD

ST STEEL BR BRASS PL PLASTIC HO OPEN HOLE OT OTHER

DEPTH (nearest ft.)

Table with columns: E A C H S R E E N, 1 2, 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) 56 60

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 Loop 1 Loop 2

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) 8 9

PUMPING RATE (gal. per min.) 11 15

METHOD USED TO MEASURE PUMPING RATE

WATER LEVEL (distance from land surface)

BEFORE PUMPING 17 20 ft.

WHEN PUMPING 22 25 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

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 - below LAND SURFACE (nearest foot)

LATITUDE 39.220603 LONGITUDE 76.901729 (DEFAULT COORD. WGS 84)

NOTES: 39.220445 76.901729 39.220470 76.901699 front Loop 1 - X X - Loop 2 Geoloops

B 1	23574	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type 544558	STATE PERMIT NUMBER HO - 95 - 2502 <small>70 fill in this form completely 79</small>
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OWNER INFORMATION

Date Received (APA) 03/08/13

8 MM DD YY 13

15 Last Name Heckman Owner Timothy M First Name 34

36 11174 Wood Elves Way Street or RFD 55

57 Columbia MD 21044 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL

8 COUNTY Howard 21

23 SUBDIVISION Village Harpers Choice 42

SECTION 44 46 LOT 11 48 50

52 NEAREST TOWN Columbia 71

DRILLER INFORMATION

Driller's Name C. John Hess MWD 553 76 License No. 81

Firm Name Allied Environmental Svcs

Address PO Box 129 Annapolinc 20701

Signature C. John Hess Date _____

B 4 SOURCES OF DRILLING WATER

1. Public

2. _____

3. _____

11 11174 Wood Elves Way STREET ADDRESS 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH
 WEST
 EAST
 SOUTH

34 16/17 37 DISTANCE FROM ROAD

ENTER FT OR MI 38 39

TAX MAP: 0029 BLK: 0022 PARCEL 0306

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 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

OPEN LOOP GEOTHERMAL

CLOSED LOOP GEOTHERMAL 2 loops

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

COUNTY NAME Howard COUNTY NO. 13

STATE SIGNATURE _____ INSERT S → 41

DATE ISSUED 3/19/2013 CO SIGNATURE R. K. T. EXP. DATE 3/19/14

43 MM DD YY 48

APPROXIMATE DEPTH OF WELL 300 FEET 24 28

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

PROPOSED LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURES SUCH AS BUILDINGS, SEPTIC SYSTEM, ROADS AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCE MEASUREMENTS TO WELL

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)

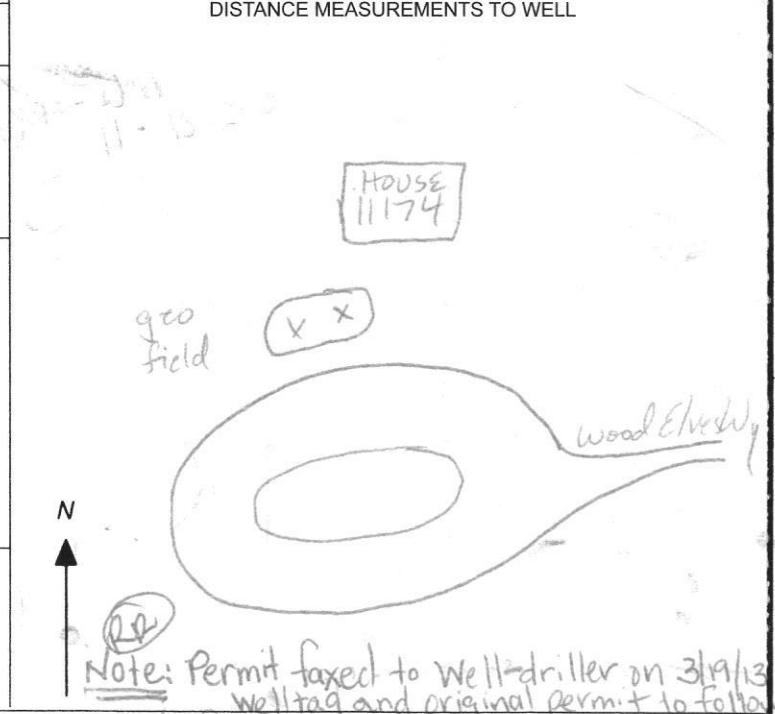
THIS WELL WILL NOT REPLACE AN EXISTING WELL

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



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

APPROP. PERMIT NUMBER _____ G _____

PERMIT No. HO - 95 - 2502 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED=

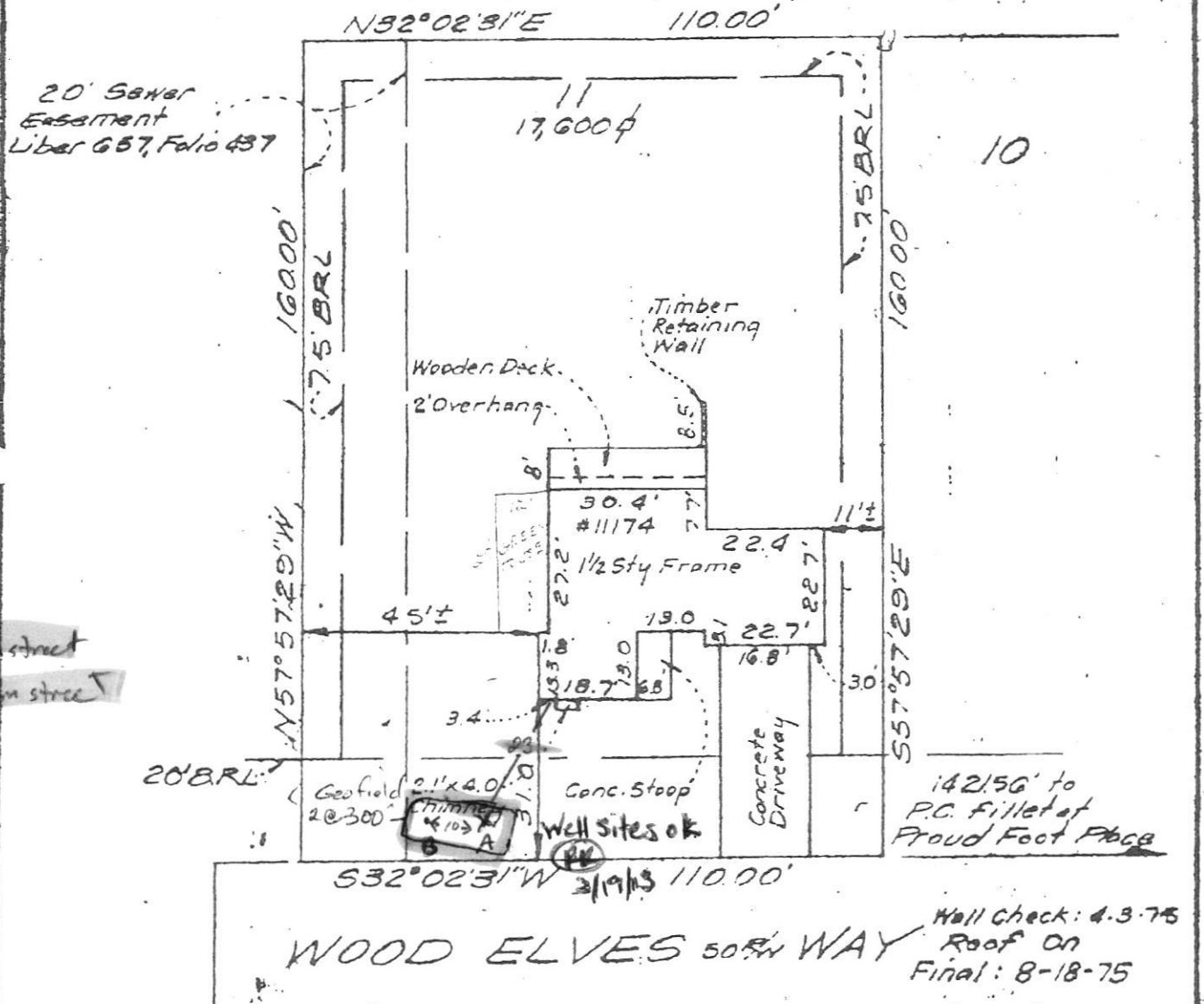
well must be grouted from bottom to top

Liber 910 Folio 658
 Blatt 5 Map 29 Bk 22 Parc 306

B.B

LOCATION OF HOUSE
 #11174 WOOD ELVES WAY
 LOT 11

COLUMBIA
 VILLAGE OF HARPER'S CHOICE
 SECTION 2, AREA 5
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND



A - 16' from street
 B - 17' from street

SURVEYOR'S CERTIFICATE I hereby certify that the position of all existing improvements on the above described property have been carefully established by a transit-tape survey and that unless otherwise shown, there are no encroachments. <i>Donald B. Sackett #6059</i>		CLARK · FINEFROCK & SACKETT ENGINEERS · PLANNERS · SURVEYORS 1010 LOCKWOOD DRIVE SILVER SPRING, MD. 20904 TEL. 202-291-2400	
REFERENCE	DRAWN BY H.F.	CHECKED BY K.W.G.	
Plot Book 24	DATE 8-20-75	FILE NO.	
Folio 84	SCALE 1"=30'	2466-H	