

C 1 18561 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE TYPETHIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.COUNTY
NUMBER1 2 3 6
(THIS NUMBER IS TO BE PUNCHED
IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY

DATE Received

MM DD YY
8 03 12

DATE WELL COMPLETED

MM DD YY
12-7-12

Depth of Well

22 240 26
(TO NEAREST FOOT)PERMIT NO.
FROM "PERMIT TO DRILL WELL"40-95-2449
28 29 30 31 32 33 34 35 36 37

OWNER

WELL SITE ADDRESS

SUBDIVISION

last name

first name

TOWN

LOT

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR
COLOR, DEPTH, THICKNESS AND IF WATER BEARINGDESCRIPTION (Use
additional sheets if needed)

FEET

FROM

TO

check
if water
bearing

Top Soil 0 1
Orange Silty Clay 1 15
Bm Clay Silty 15 20
Dark Bm Clay 20 40
Weathered Rock 40 60
Gray Rock 60 140
Green Gray Rock 140 180
Gray Rock 180 240

NUMBER OF UNSUCCESSFUL WELLS:

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
WELLI 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.

MWD 553

DRILLERS SIGNATURE

(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO.

AWD 875

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

GROUTING RECORD

yes

no

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

Y

N

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT CM

BENTONITE CLAY BC

NO. OF BAGS 26 NO. OF POUNDS 1380

GALLONS OF WATER 650

DEPTH OF GROUT SEAL (to nearest foot)

from 48 TOP 52 ft. to 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
TYPENominal diameter
top (main) casing
(nearest inch)Total depth
of main casing
(nearest foot)

60 61 63 64 66 70

E
A
C
H
C
A
S
I
N
G

OTHER CASING (if used)

diameter
inchdepth (feet)
from toscreen type
or open hole
(insert
appropriate
code
below)

SCREEN RECORD

ST

STEEL

BR

BRASS

HO

OPEN

BR

BRONZE

OT

HOLE

PL

PLASTIC

OT

OTHER

C 2

DEPTH (nearest ft.)

1 2

E 8 9 11 15 17 21

A 23 24 26 30 32 36

C 38 39 41 45 47 51

R 38 39 41 45 47 51

E SLOTTED SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

56 60

from to

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

68

MDE USE ONLY

(NOT TO BE FILLED IN BY DRILLER)

T

(E.R.O.S.)

W Q

70

72

74 75 76

TELESCOPE
CASINGLOG
INDICATOR

OTHER DATA

C 3

1 2

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

27

27

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

LAND SURFACE

- below

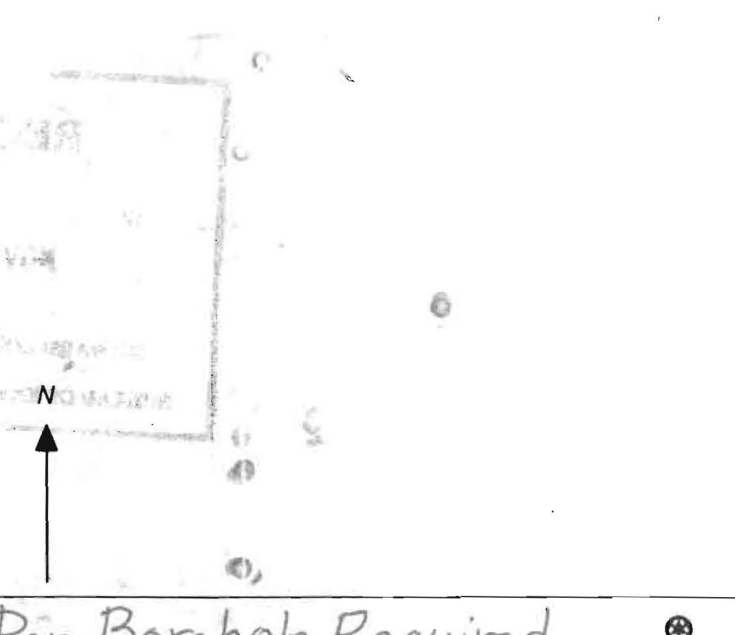
(nearest
foot)LATITUDE 39.216325
LONGITUDE 76.558751
(DEFAULT COORD. WGS 84)

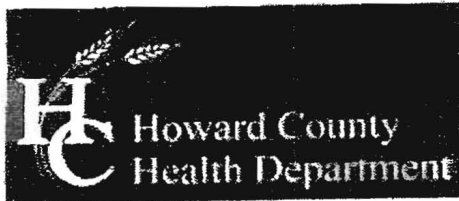
NOTES:

x Geo logs
18' foot

244 15-081503

EMERGENCY/TEMP NO. IF ANY

B 1		05324	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 538133 please type		STATE PERMIT NUMBER HO-95-2448 <small>fill in this form completely</small>	
Date Received (APA) 11/15/12				B 3 LOCATION OF WELL			
OWNER INFORMATION 8 MM DD YY 13 Haermann Hendrik 15 Last Name Owner First Name 34 10800 Bird Song Pass 36 Street or RFD 55 Columbia Md 21044 57 Town 70 State 72 Zip 76				Howard 8 COUNTY 21 Vil Hickory Ridge 23 SUBDIVISION 42 Page of 43 SECTION 3 LOT 43 44 46 48 50 Columbia 52 NEAREST TOWN 71			
DRILLER INFORMATION C John Hess M W D 553 Driller's Name 76 License No. 81 Allied Environmental Svcs Firm Name Po Box 129, Annap June 20701 Address C John Hess 11-12-12 Signature Date				B 4 SOURCES OF DRILLING WATER 1. Public 2. 3. 10800 W. Song Bird Pass 11 STREET ADDRESS 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH W 32 E WEST SOUTH 34 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39 TAX MAP: 0035 BLK: 0010 PARCEL 0393			
B 2 WELL INFORMATION 1 2 APPROX. PUMPING RATE (GAL. PER MIN.) 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20				USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, DEWATERING <input type="checkbox"/> PUBLIC WATER SUPPLY WELL <input type="checkbox"/> TEST, OBSERVATION, MONITORING <input type="checkbox"/> OPEN LOOP GEOTHERMAL <input checked="" type="checkbox"/> CLOSED LOOP GEOTHERMAL 2 Loops			
APPROXIMATE DEPTH OF WELL 240 FEET 24 28				NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard Public 13 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S → 41 DATE ISSUED 11/27/2012 Brian Baper 11/27/2012 43 MM DD YY 48 CO SIGNATURE EXP. DATE			
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) <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 <input checked="" type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="checkbox"/> THIS WELL WILL DEEPEAN 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-95-2448 70 71 72 73 74 75 76 77 78 79							
SPECIAL CONDITIONS 11+ Bags of G Per Borehole Required (Bentonite) <small>NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED</small>							



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
(410) 313-2640 Fax: (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

TO ALL INTERESTED PARTIES

When submitting a well permit application for a proposed well for new construction, please indicate one of the following:

Well Site Location:
Hickory Ridge 43 Bird Song Pass
Subdivision/Property Name Lot# Road Name

- ☐ The well site has been staked by Allied Well Drilling
(professional land surveyor or company employing professional land surveyors)
on 11/12/12 (date) and does not require a site inspection.
- ☐ The well driller, builder or property owner will call the Health Department to schedule a time to meet in the field to verify the proposed well site location.

This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.

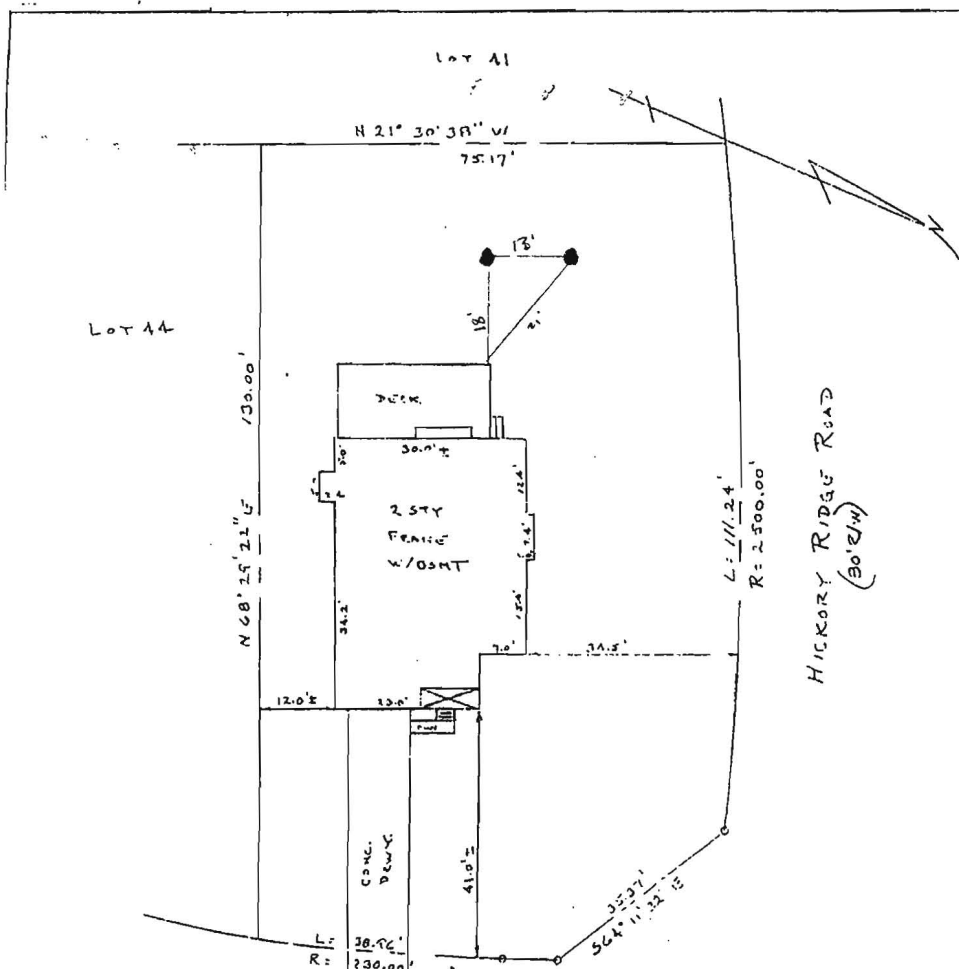
Revised 3/11/05

Lot 1110 Rehab Ctr 6300 Woodside Crt Columbia

410/718-2845

312-9000

- Location Survey -



HICKORY RIDGE ROAD
(30' R/W)

DEED REF:

LIBER 1646, FOLIO 384 BIRD

PLAT REF: LOT NO 43

PLAT ENTITLED - VILLAGE OF

HICKORY RIDGE SUBDIVISION, AREA 2.

LOTS 37 THRU 78, A RESUBDIVISION OF LOT 36.

PLAT BOOK C.H.P. 610A.

SONG PASS
(50' R/W)



I HAVE EXAMINED FLOOD INSURANCE RATE MAP PANEL NUMBER 24004A 0033B FOR THE SUBJECT PROPERTY AND IT APPEARS TO LIE WITHIN ZONE "C" AS SHOWN ON SAID MAP.

DECEMBER 2, 1994

TITLE LOCATION SURVEY				THIS IS TO CERTIFY THAT WE HAVE CONDUCTED A LOCATION SURVEY OF THE IMPROVEMENTS AND THAT THEY ARE LOCATED AS SHOWN HEREON.	
PROJECT No. 10800 BIRD SONG PASS				SIGNATURE <i>Patrick C. Catlett</i>	
LOCATION 5 TH ELECTION DISTRICT, HOWARD CO., CO., MD.				REG. NO. 571 DATE 8-19-94	
FIELD BOOK 710	PAGE NO. 50	DRAWN BY: P.C.C.	CHECKED BY	DATE: 8-19-94	Certified Location Surveyors Inc. 3300 Corporate Center Baltimore, MD 21204 G.P. 410-465-8267 FAX 410-465-8222
SCALE 1" = 31.5'		JOB NO. 94317			
THE INFORMATION ON THIS PLAT SHOWS ONLY THAT THE IMPROVEMENTS INDICATED HEREON ARE CONTAINED WITHIN THE CONFINES OF THE LOT UPON WHICH THEY ARE ERECTED. THIS PLAT IS NOT TO BE CONSTRUED AS, OR USED FOR THE ESTABLISHMENT OF PROPERTY LINES.					

Nansoor + Julie Anwar
10800 Bird Song Pass
Columbia, MD 21044
(410) 740-6947