

C1 20746

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 RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER, WELL SITE ADDRESS, SUBDIVISION, SECTION, TOWN, LOT

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Brown Clay, Gray Rock, etc.

GROUTING RECORD: WELL HAS BEEN GROUTED, TYPE OF GROUTING MATERIAL, CEMENT, BENTONITE CLAY, NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD: casing types insert appropriate code below, MAIN CASING TYPE, Nominal diameter, Total depth.

OTHER CASING (if used) table with columns: diameter inch, depth (feet) from, to.

SCREEN RECORD: screen type or open hole, insert appropriate code below, STEEL, BRASS, BRONZE, PLASTIC, OPEN HOLE, OTHER.

DEPTH (nearest ft.) table with columns: 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 15, 17, 21, 23, 24, 26, 30, 32, 36, 38, 39, 41, 45, 47, 51. Includes SLOT SIZE and DIAMETER OF SCREEN.

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER), GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL, TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST: HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, BEFORE PUMPING, WHEN PUMPING, TYPE OF PUMP USED.

PUMP INSTALLED: DRILLER INSTALLED PUMP, TYPE OF PUMP INSTALLED, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT.

LATITUDE 39.205752, LONGITUDE 76.719210, (DEFAULT COORD. WGS 84)

NOTES: Includes a hand-drawn diagram of a well layout with dimensions and coordinates.

NUMBER OF UNSUCCESSFUL WELLS: WELL HYDROFRACTURED

CIRCLE APPROPRIATE LETTER: A WELL WAS ABANDONED AND SEALED, 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, DRILLERS SIGNATURE, LIC. NO. 1

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

B 1 10650

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-95-2608

fill in this form completely

545183 please type

Date Received (APA) 11/05/13

OWNER INFORMATION

8 MM DD YY 13

Kinder Owner Colin

6080 Adecock LN Street or RFD

Hanover MD 21076

57 Town 70 State 72 Zip 76

B 3

LOCATION OF WELL

Howard COUNTY 21

Canbury Woods SUBDIVISION 42

SECTION 44 46 LOT 107 48 50

Elkridge NEAREST TOWN 71

DRILLER INFORMATION

Edward Gross MWD 580 Driller's Name License No.

Lux Green Drilling 410-409-2260 Firm Name

2109 Emmorton Park Rd #107 Edgewater MD 21040 Address

Signature Date 11/22/13

B 4

SOURCES OF DRILLING WATER

1. Public

2. Transfer of Permit to:

3. Allied Well Drilling

C. John Hess MWD 553

PO Box 129

Annapolis Junction, MD.

2/19/14

6080 Adecock LN STREET ADDRESS 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 221 37 DISTANCE FROM ROAD FT

ENTER FT OR MI 38 39

TAX MAP: 30 BLK: 9 PARCEL 912

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)

- 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
O OPEN LOOP GEOTHERMAL
C CLOSED LOOP GEOTHERMAL

2 geo bores

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME COUNTY NO. 13

STATE SIGNATURE DATE ISSUED 12/05/2013

43 MM DD YY 48 GO SIGNATURE EXP. DATE 12/5/14

APPROXIMATE DEPTH OF WELL 320 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

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)

- 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 DEEPEMED 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 G

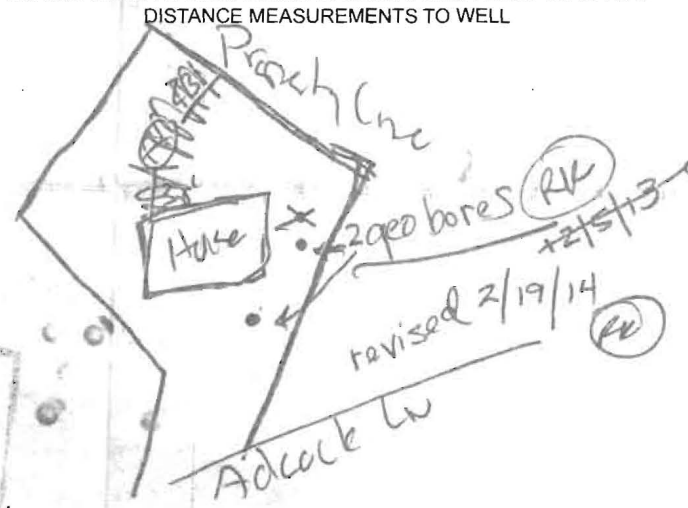
PERMIT No. HO-95-2608

SPECIAL CONDITIONS

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

Wells must be grouted from bottom to top

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





HOWARD COUNTY HEALTH DEPARTMENT

45183

CODES

DATE 11/15/13

WS

CASH
 CHECK
 NO. 1533

Received From
For

Long Green Energy
Well Permit - 6080 Adcock St

One hundred sixty four Dollars

\$ 160.00

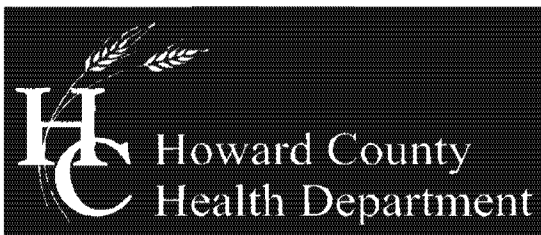
Received By

A King

Customer Has No Heat.

Thank you.

Ed Gross
Long Green Drilling
* 410-909-2260 *



Bureau of Environmental Health

8930 Stanford Blvd., Columbia, MD 21045
Main: 410-313-2640 | Fax: 410-313-2648
TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

MEMORANDUM

TO: C. John Hess, MWD 553
Allied Environmental Services

FROM: Jeff Williams, Program Supervisor *JW*
Well & Septic Program

CC: Edward Gross, MWD 580
Long Green Energy

RE: Well Permit HO-95-2608, 6080 Adcock Lane

DATE: February 11, 2014

On February 12, 2014, I was notified by a representative of Long Green Energy of their intent to transfer the above referenced well permit to you. On February 18, 2014, I received confirmation from a representative of Allied Environmental Services of your intent to accept the permit transfer.

Please accept this memo as the Approving Authority authorization of the permit transfer. Attached is the well tag, the driller copy of the permit, and the well exhibit showing the approved well location. If the well location is no longer staked at the site, you must notify our office and schedule a site visit with a Sanitarian to approve the well site prior to drilling. Please note that the permit expiration date is December 5, 2014.



February 11, 2014

Mr. Ryan Rappaport
Howard County Health Department
Bureau of Environmental Health
8930 Stanford Blvd.
Columbia, MD 21045

Dear Mr. Rappaport,

Long Green Energy, Inc. is transferring the geothermal well permit number HQ-95-2608 for 6080 Adcock Lane Hanover, MD to Allied Well Drilling. Enclosed is the metal well tag.

If you have any questions or need anything further, I can be reached at 410-409-2260 or at egross@longgreenenergy.com.

Sincerely,

Edward Gross



LONGGREENENERGY



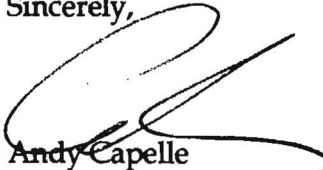
• Ryan Rappaport
Howard County Health Department
Bureau of Environmental Health
8930 Stafford Blvd
Columbia, MD 21045

Dear Mr. Rappaport,

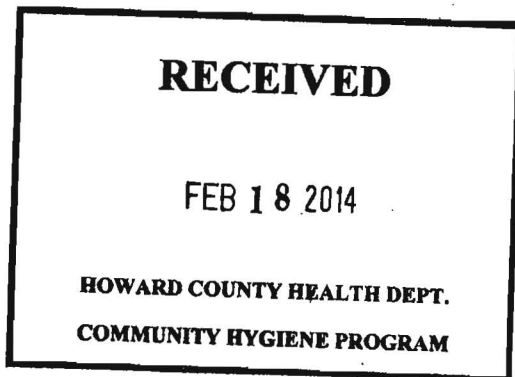
Please receive this letter as Allied Well Drilling's intent to accept the transfer of geothermal well permit HO-95-2608 at 6080 Adcock Lane from Long Green Energy, Inc.

If you have any questions, please do not hesitate to contact me.

Sincerely,



Andy Capelle
Allied Well Drilling

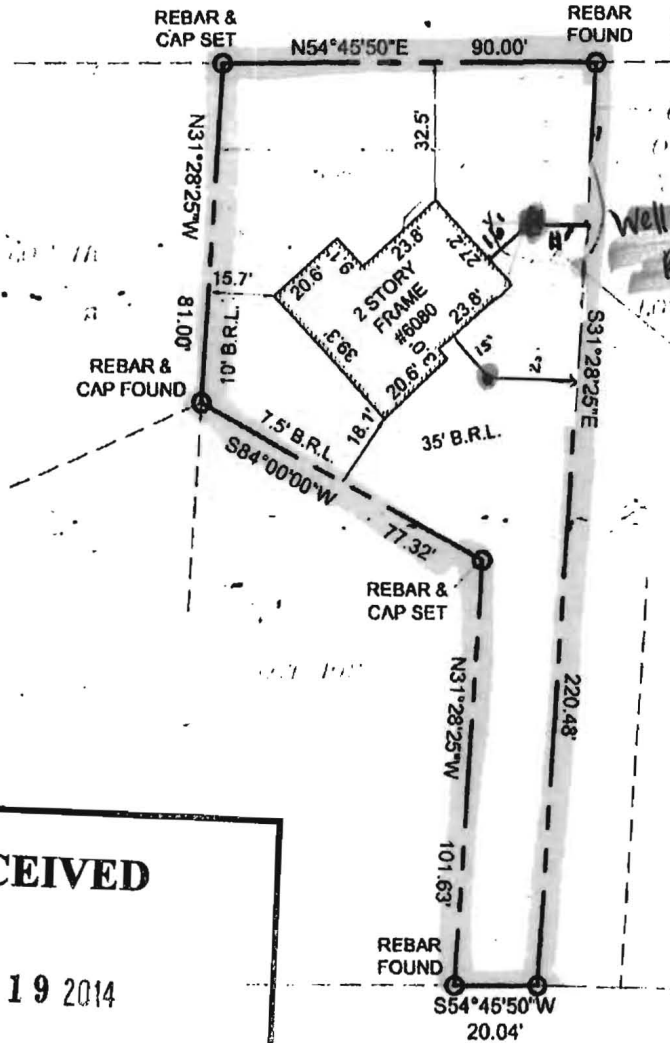


MARYLAND

WASHINGTON, D.C.

VIRGINIA

ADDRESS: 6080 ADOCK LANE
HANOVER, MD 21076



Well sites ok
RR 2/19/14

Geological
Wells

Revised
Well Exhibit
2/19/14
RR

1/0 Scale

RECEIVED

FEB 19 2014

HOWARD COUNTY HEALTH DEPT.
COMMUNITY HYGIENE PROGRAM

1. THIS PLAT WAS PREPARED WITHOUT BENEFIT OF A TITLE REPORT.
2. SUBJECT TO ALL EASMENTS ON RECORD.

DRAWN BY: DS
FILE: #6080 ADOCK LANE

RECEIVED

FEB 19 2014

HOWARD COUNTY HEALTH DEPT.
COMMUNITY HYGIENE PROGRAM

PLAT OF SURVEY
LOT 107
CANBURY WOODS: SECTION 2
PLAT: #7999
HOWARD COUNTY, MARYLAND
SCALE: 1" = 40' DATE: 11/26/13

REAL ESTATE SURVEYORS & DEVELOPERS, LLC

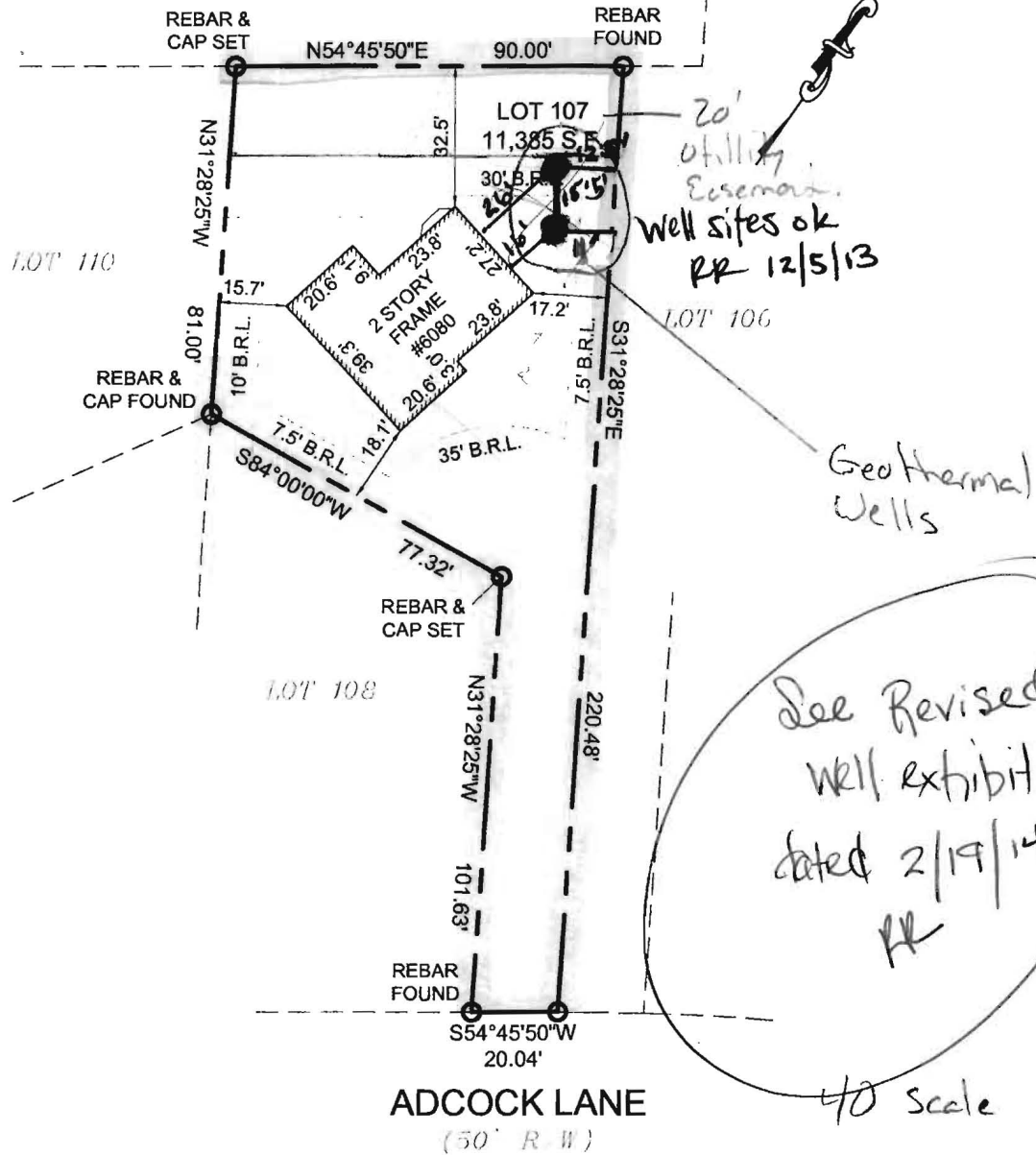
Residential, Commercial, Industrial and Land
WWW.RESDLLC.COM
LAUREL LAKES EXECUTIVE PARK
8325 CHERRY LANE
LAUREL, MARYLAND 20707
TEL: (301)604-3105 FAX: (301)604-3108

MARYLAND

WASHINGTON, D.C.

VIRGINIA

ADDRESS: 6080 ADCOCK LANE
HANOVER, MD 21076



NOTES:

- 1. THIS PLAT WAS PREPARED WITHOUT BENEFIT OF A TITLE REPORT.
- 2. SUBJECT TO ALL EASMENTS ON RECORD.

DRAWN BY: DS
FILE: #6080 ADCOCK LANE

RECEIVED

DEC 5 2013

HOWARD COUNTY HEALTH DEPT.
COMMUNITY HYGIENE PROGRAM

PLAT OF SURVEY
LOT 107
CANBURY WOODS: SECTION 2
PLAT: #7999
HOWARD COUNTY, MARYLAND
SCALE: 1" = 40' DATE: 11/25/13

REAL ESTATE SURVEYORS & DEVELOPERS, LLC

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TEL: (301)604-3105 FAX: (301)604-3108

Bore hole Cross Section

