

B 1 7148

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-95-1952 fill in this form completely

533308 please type

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13

Huang Lucas Last Name Owner First Name

3847 Parrott Drive Street or RFD

Ellicott City MD 21042 Town State Zip

B 3 LOCATION OF WELL

Howard COUNTY Font Hill Manor Farm Est. SUBDIVISION

SECTION 44 46 LOT 17 48 50

Ellicott City NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) 8.1 M I 73 76 77 78

DRILLER INFORMATION

David Kelly Driller's Name M W D 304 License No. 81

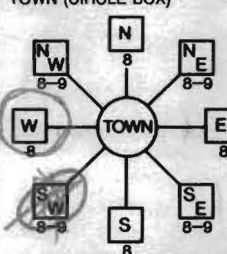
Jones Well Drilling Inc. Firm Name

3700 Rush Rd. Jarrettsville MD 21084 Address

David Kelly Signature 6-1-10 Date

B 4

1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



(3847) Parrott Drive NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 50 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39

TAX MAP: 24 BLK: 8 PARCEL 1074

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 0 8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 0 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 2 holes closed loop

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard (13) Public COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S 41

DATE ISSUED 7/9/2010 Brian Baker 7/9/2011 EXP. DATE

43 MM DD YY 48 CO SIGNATURE EXP. DATE NORTH GRID 522 000 EAST GRID 840 000 50 55 57 63

APPROXIMATE DEPTH OF WELL 400 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 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-95-1952 70 71 72 73 74 75 76 77 78 79

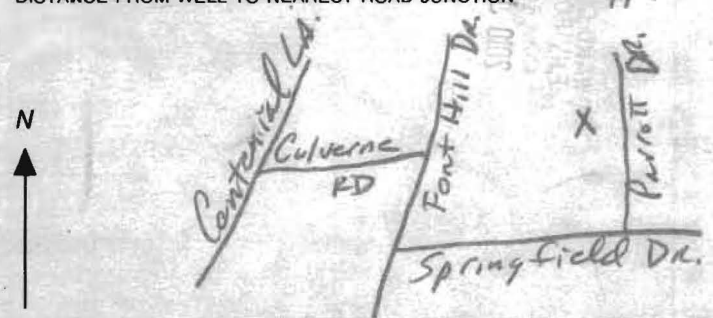
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1. 2. 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

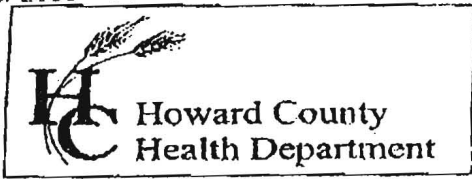
E 840 N 522

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



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

Penny E. Borenstein, 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:

3847 Parrott Drive  
 Subdivision/Property Name      Lot#      Road Name

The well site has been staked by \_\_\_\_\_,  
 (professional land surveyor or company employing professional land surveyors)  
 on \_\_\_\_\_ (date) and does not require a site inspection.

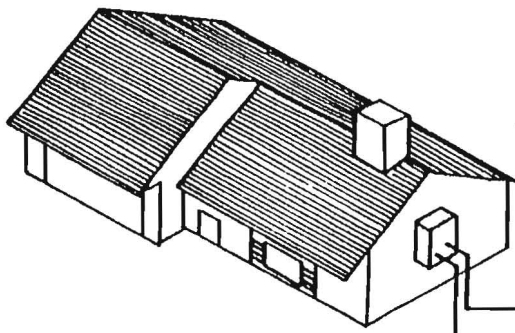
The well driller *flagged on 6/15/10* builder or property owner will call the Health Department to schedule a time to meet in the field to verify the proposed well site location.

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

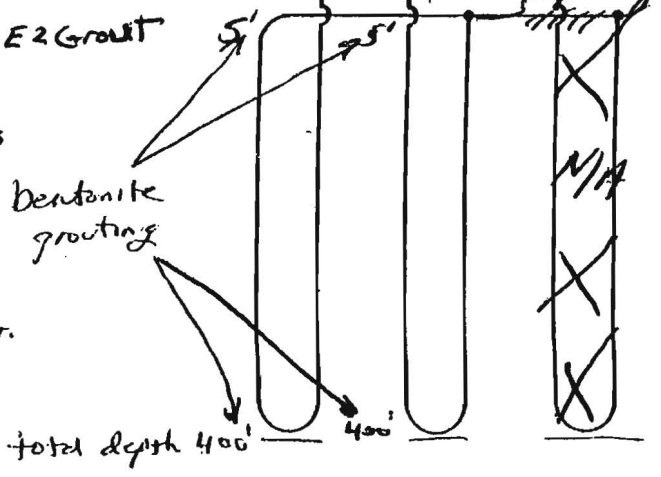
13:00:00

Driller: Jones Well Drilling Inc.  
 contact: David Kelly  
 410-692-6981



bury depth 5' below grade

Wyo-Ben bentonite-E2 Grout  
 grout (50 lb. bags)  
 mixed with 24 gallons  
 of water per  
 manufacturer specs  
 yields 27 gal slurry  
 with a 0.42 btu/ft/hr.  
 thermal conductivity



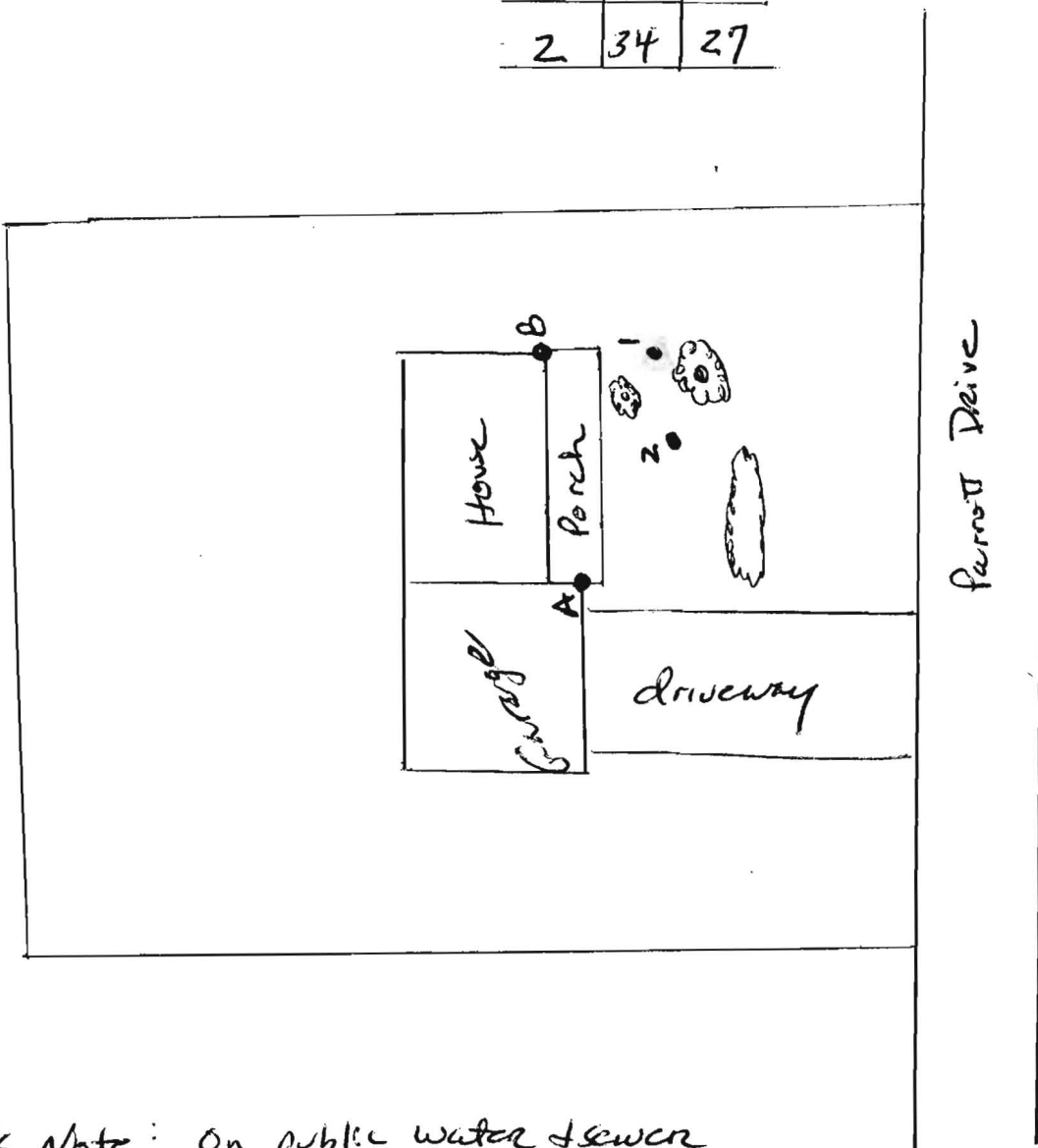
- Earth Coil Type: Vertical - Single U-Bend
- Water Flow: Parallel
- Pipe Sizes: 1 1/4" double Loop
- Bore Lengths: 400' x 2 holes (800' vertical bore)
- Pipe Lengths: 800' x 2 (1600' vertical pipe)

FIGURE 4.5: Parallel Vertical Ground Heat Exchanger



2- Geoholes

	A	B
1	45	21
2	34	27



\* Note: on public water & sewer

Not to Scale

Owner: Lucas Huang  
3847 Parrott Drive  
Elliot City, MN  
21042

15:00:51

-76°51'29"



39°15'58"

39°15'58"

Disclaimer: Howard County, Maryland assumes no responsibility for the accuracy of this report or the information contained herein or derived therefrom. The user assumes all risks and liabilities whatsoever resulting from or arising out of the use of this information. There are no oral agreements or warranties relating to the use of this report.

-76°51'29"



By:  
 Office:  
 Map Width: 910.00 ft.  
 Print Date: 7/9/2010  
 Scale: 1 in. = 100 ft.

