

C1 9396

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)

COUNTY NUMBER

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER: Renner Wendel; STREET OR RFD: 5475 Gales Lane; TOWN: Columbia; SUBDIVISION: River Meadows; SECTION: 2; LOT: 9

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes handwritten notes: '2 holes bed means', 'FYI Potable water source is Public Water'.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS (24), NO. OF POUNDS (528), DEPTH OF GROUT SEAL (0 to 400 ft).

CASING RECORD: casing types (ST, CO, PL, OT), MAIN CASING TYPE (60, 61, 63, 64, 66, 70), Nominal diameter and Total depth.

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

SCREEN RECORD: screen type or open hole (ST, BR, HO, PL, OT), DEPTH (nearest ft.) table.

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

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

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.: MWD304; David Kelly; DRILLERS SIGNATURE

LIC. NO.: MWD564; Matt Moffitt

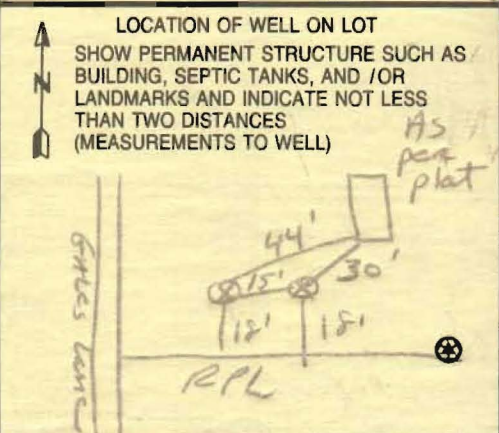
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) table with columns: 1-2, 8-9, 11, 15, 17, 21, 23-24, 26, 30, 32, 36, 38-39, 41, 45, 47, 51; SLOT SIZE 1-3; DIAMETER OF SCREEN (56, 60); 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; TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST: HOURS PUMPED (8, 9), PUMPING RATE (11, 15), METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL (distance from land surface) BEFORE PUMPING (17, 20), WHEN PUMPING (22, 25), TYPE OF PUMP USED (A, C, J, P, R, S, T, O, S)

PUMP INSTALLED: DRILLER INSTALLED PUMP (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 (31, 35), PUMP HORSE POWER (37, 41), PUMP COLUMN LENGTH (43, 47), CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot)



B 1 7060

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type

STATE PERMIT NUMBER

110-95-1304 fill in this form completely

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13

Renner Wendel Last Name Owner First Name

5975 GAMES Lane Street or RFD

Colombia md 21045 Town State Zip

LOCATION OF WELL

8 COUNTY 21

23 SUBDIVISION 42

SECTION 2 LOT 9A10

Colombia NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) 1 M I

DRILLER INFORMATION

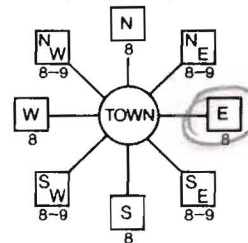
DAVID KELLY M W D 304 Driller's Name License No.

Jones Well Drilling Inc. Firm Name

3700 Rush Rd. Jarroetsville, md 21084 Address

David Kelly 9/19/07 Signature Date

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



5975 Games Lane NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD ENTER FT OR MI 38 39

TAX MAP: 36 BLK: 8 PARCEL 261

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)

- 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 13 COUNTY NAME COUNTY NO.

STATE SIGNATURE DATE ISSUED 10/9/07 CO SIGNATURE EXP. DATE 10/9/08

APPROXIMATE DEPTH OF WELL 400 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

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)

APPROP. PERMIT NUMBER G

PERMIT No. 110-95-1304

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

COMAR approved grant bottom to top

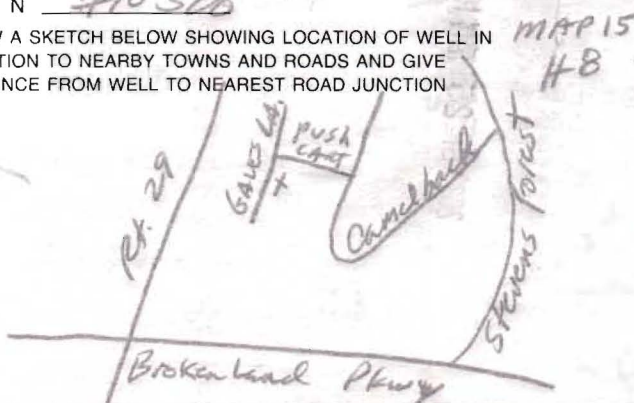
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

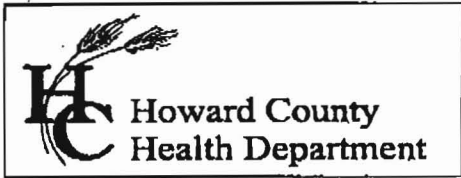
SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE

E 842 000
N 490 500

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION





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:

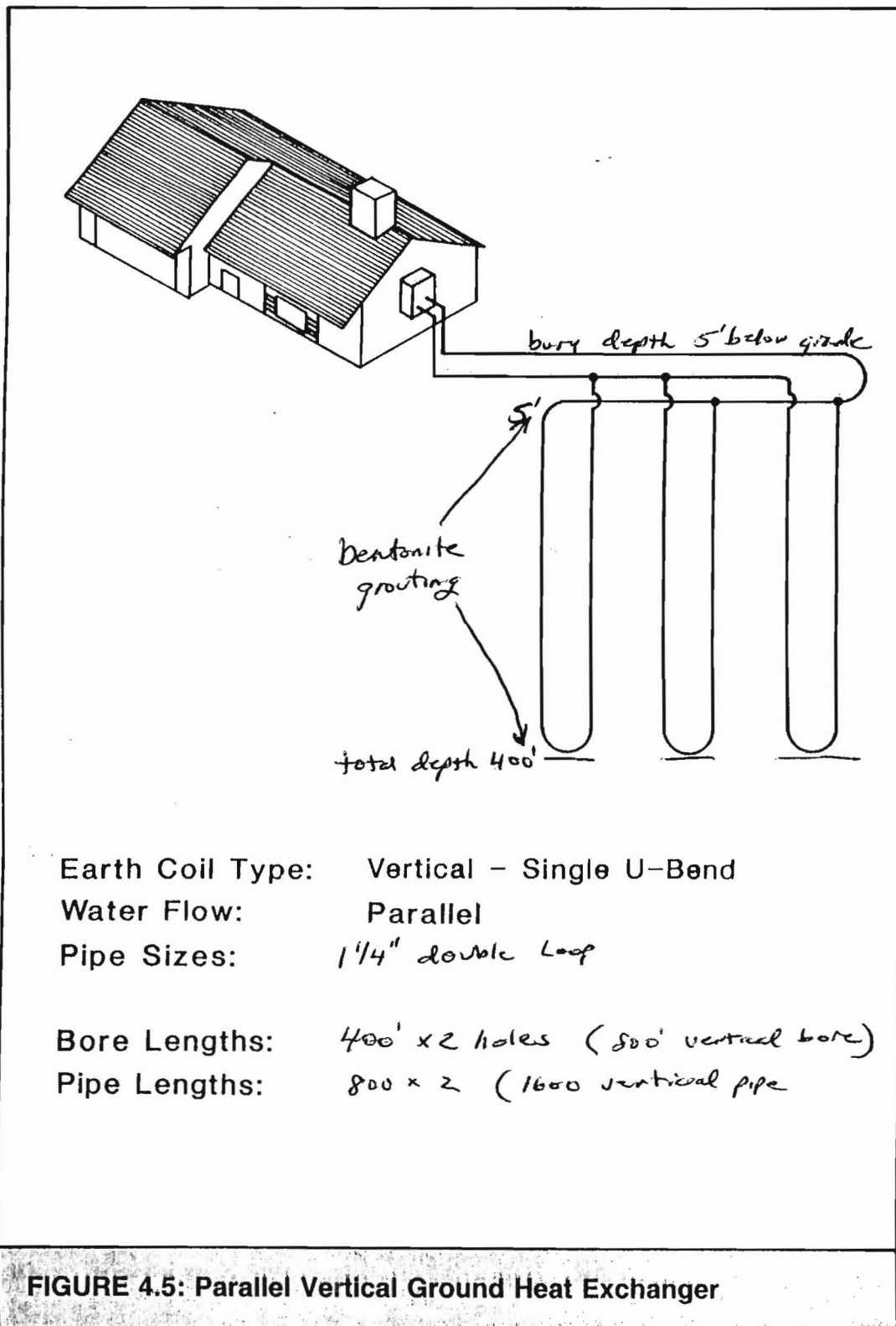
Well Site Location:

Renner Residence      5975 Gales Lane  
 Subdivision/Property Name      Lot#      Road Name

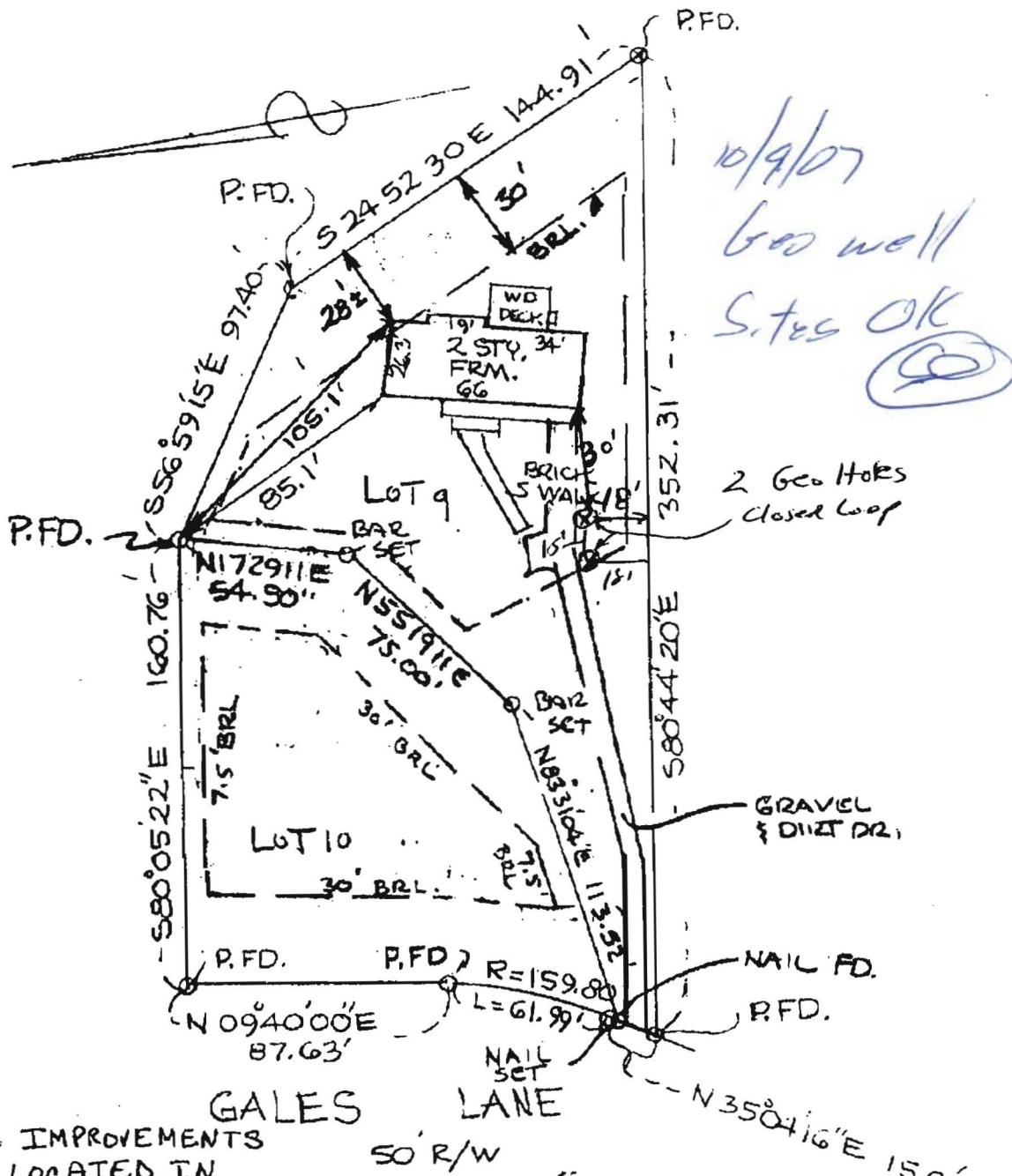
- The well site has been staked by \_\_\_\_\_,  
 (professional land surveyor or company employing professional land surveyors)  
 on \_\_\_\_\_ (date) and does not require a site inspection.
- The well driller, builder or property owner will call the Health  
 Department to schedule a time to meet in the field to verify the  
 proposed well site location.      *2 geo hoks are flagged*

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



**FIGURE 4.5: Parallel Vertical Ground Heat Exchanger**



THE IMPROVEMENTS  
ARE LOCATED IN  
ZONE C.

GALES LANE  
50' R/W

BEING LOTS 9 & 10 RESUBDIVISION  
LOT 1 B SECTION 2 RIVER  
MERCERS PLAT CMP 6967  
HOWARD CO. MD.

*Leticia C. Hopkins*

REG. NO. 274



**BOUNDARY SURVEY**  
5975 GALES LANE HOWARD CO.

**HOPKINS ENGINEERING**  
18 BRIGHT STAR COURT  
BALTIMORE, MARYLAND 21206  
PHONE: 866-8226

SCALE  
1" = 50'  
DATE  
5-25-91  
JOB NO.



# HOWARD COUNTY HEALTH DEPARTMENT

W 5 27834

DATE  
10/1/07

LLIS

Received From Jones Hill Drilling, Inc PHONE # 410-557-8123

For Well permit -  
5915 Hales Lane

To be SCANNED

CASH  
 CHECK

NO.

23831 one hundred sixty dollars Dollars

\$

160.00

Received By

LLIS