

C1 7198

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER 13

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 04/01/09

Depth of Well 3x 22 400 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-95-1749

OWNER Felchner last name, Brian first name, STREET OR RFD 10306 Champions Way TOWN Land SUBDIVISION CHAMPIONS SECTION LOT 60

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Soft Brown, Hard gray, Med hard gray, hard gray, Med hard gray, Hard gray.

3-Boreholes

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N), TYPE OF GROUTING MATERIAL (CEMENT CM, BENTONITE CLAY BC), NO. OF BAGS 24, NO. OF POUNDS 1200, GALLONS OF WATER 504, DEPTH OF GROUT SEAL 400 ft.

CASING RECORD

MAIN CASING TYPE (ST/PL/CO/OT), Nominal diameter top (main) casing, Total depth of main casing.

OTHER CASING (if used)

Table for other casing with columns for diameter and depth.

SCREEN RECORD

screen type or open hole (ST/BR/PL/HO/OT), DEPTH (nearest ft.)

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 28.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS LIC. NO. MWD 304, David Kelly, DRILLERS SIGNATURE

LIC. NO. MWD 564, Matt Maffitt

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

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 88

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

TELESCOPE CASING LOG INDICATOR OTHER DATA

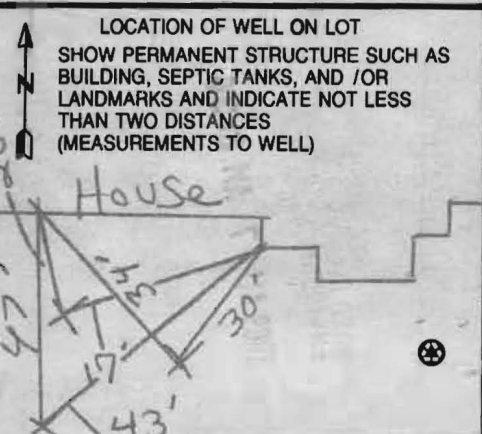
C 3

PUMPING TEST

HOURS PUMPED, PUMPING RATE (gal. per min.), METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL (distance from land surface) BEFORE PUMPING, WHEN PUMPING, TYPE OF PUMP USED (for test).

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 (to nearest gallon), PUMP HORSE POWER, PUMP COLUMN LENGTH (nearest ft.), CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot).



B 1 **6063**
1 2 3 6

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

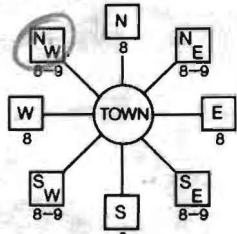
140-95-1749
fill in this form completely

please type P 530334

Date Received (APA) 3-17-09
8 MM DD YY 13
OWNER INFORMATION
FEIGHNER BRIAN
15 Last Name Owner First Name 34
10306 Champions Way
36 Street or RFD 55
Laurel MD 20723
57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL
Howard
8 COUNTY 21
Hunters Creek Farm
23 SUBDIVISION 42
SECTION 1 LOT 80
44 46 48 50
Laurel
52 NEAREST TOWN 71
MILES FROM TOWN (enter 0 if in town) 3 M I
73 76 77 78

DRILLER INFORMATION
David Kelly M W D 304
76 License No. 81
Driller's Name
JONES WELL DRILLING INC
Firm Name
3700 RUSH RD JARRETTVILLE, MD 21084
Address
David Kelly 3-10-09
Signature Date

B 4
1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH N
WEST W 32 EAST E
SOUTH S
34 30 37
DISTANCE FROM ROAD FT
ENTER FT OR MI 38 39
TAX MAP: 42 BLK: 19 PARCEL 81

B 2 WELL INFORMATION
1 2 APPROX. PUMPING RATE 0
(GAL. PER MIN.) 8 12
AVERAGE DAILY QUANTITY NEEDED 0
(GAL. PER DAY) 14 20

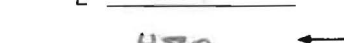
USE FOR WATER (CIRCLE APPROPRIATE BOX)
 D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
 F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 I INDUSTRIAL, COMMERCIAL, DEWATERING
 P PUBLIC WATER SUPPLY WELL
 T TEST, OBSERVATION, MONITORING
 G GEO-THERMAL 3 holes chisel loop

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard 13
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S →
DATE ISSUED 3/20/09 Kim Wall 3/20/10
43 MM DD YY 48 CO SIGNATURE EXP. DATE
NORTH GRID 480 0 0 0 EAST GRID 0530 0 0 0
50 55 57 63


APPROXIMATE DEPTH OF WELL 400 FEET
24 28

APPROXIMATE DIAMETER OF WELL 6 INCH
NEAREST 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 _____

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 830
N 480


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
39 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

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

MAP 5053 B6
TO TOP

Not to be filled in by driller (MDE OR COUNTY USE ONLY)
APPROX. PERMIT NUMBER _____ G _____
PERMIT No. 140-95-1749
70 71 72 73 74 75 76 77 78 79

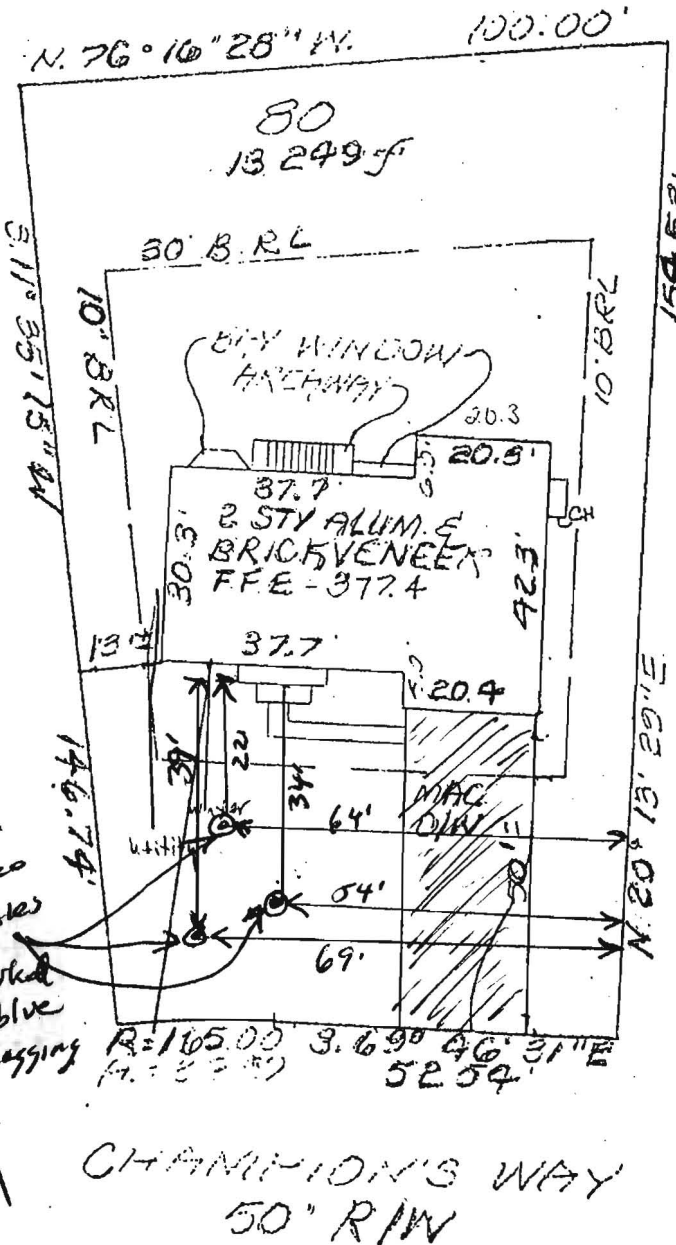
SPECIAL CONDITIONS
NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED
Use only COMAR approval grant bottom

owners

Brian + Liz FEIGHNER
10306 Champions Way
Lanarol MD 20723

LOCATION OF HOUSE
"HUNTER'S CREEK FARM"
SECTION 1 AREA 2
LOT 80
10306 CHAMPION'S WAY
HOWARD COUNTY,
MARYLAND

OPEN SPACE LOT 38



FLOOD PLAN CERTIFICATION

I hereby certify that, to the best of my knowledge, information and belief, the property shown hereon lies within Zone C (Special Flood Hazard) as shown on the Flood Insurance Rate Map, Community # 0039 B
No. 240044 revised Dec. 7, 1988

3/19/09
Geo Sites
look good!
-KW

1/17/09
unpublished

Front yard

WALL CHK. 3.28.90
FINAL: 6.18.92

ENGINEER'S CERTIFICATE

I hereby certify that the position of all existing improvements on the above described property have been carefully established by accepted field practices and that unless otherwise shown, there are no encroachments.

David Weber 4/19/92
6-22-92

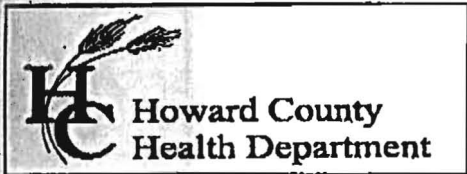
GLW GUTSCHICK LITTLE & WEBER, P.A.

ENGINEERS, PLANNERS, SURVEYORS
3909 NATIONAL DRIVE • SUITE 250 • BURTONSVILLE OFFICE PARK
BURTONSVILLE, MD. 20866
TEL. (301) 421-4024

REFERENCE: PLAT BOOK _____ PLAT NO. 8225

DRAWN BY: JLB DATE: 4-16-90 G.L.W. FILE NO.

CHECKED BY: JLB SCALE: 1"=30' 89-001



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:

Hunter's Creek Farm 80 10306 Champions Way
 Subdivision/Property Name Lot# Road Name

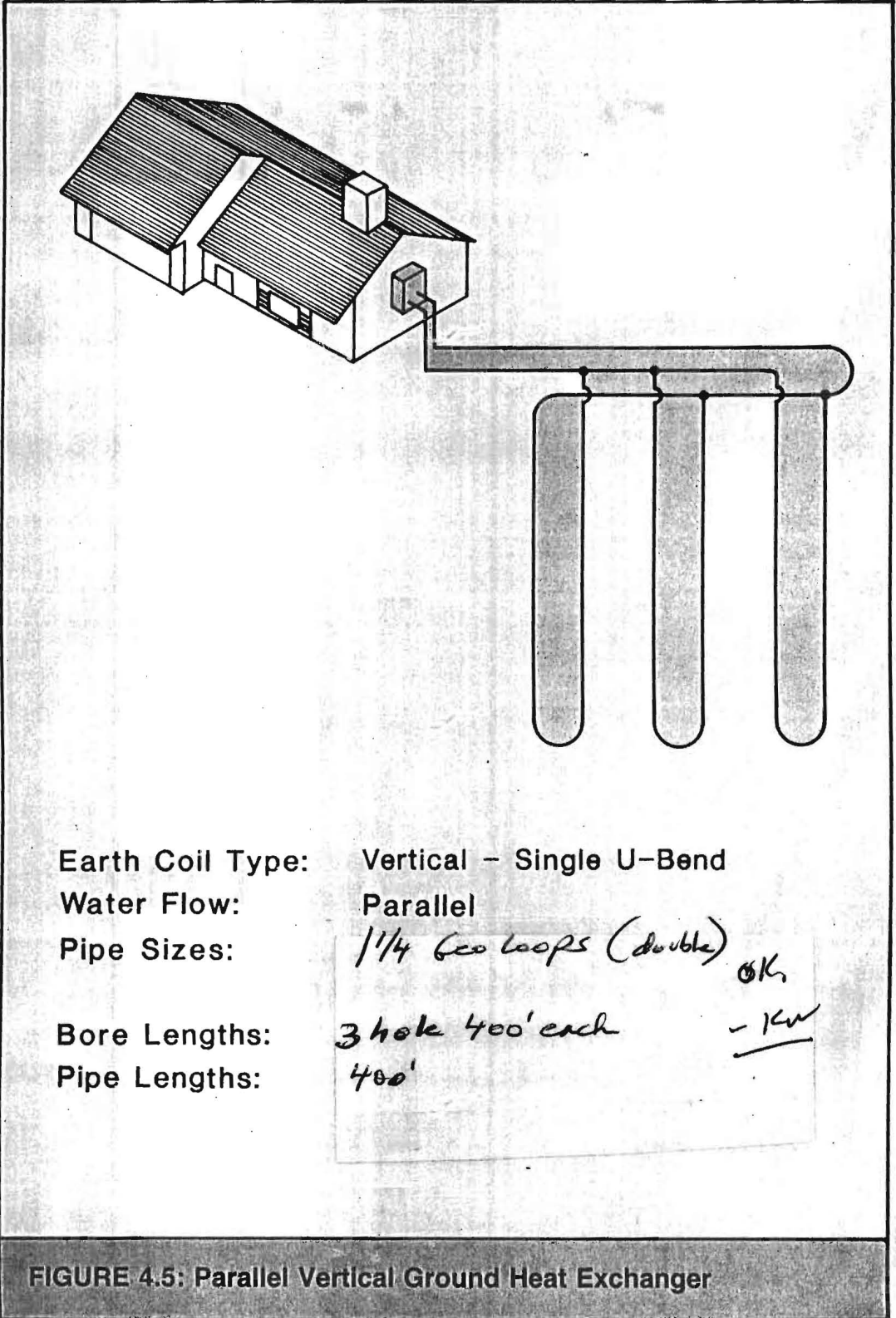
The well site has been staked by _____,
 (professional land surveyor or company employing professional land surveyors)
 on _____ (date) and does not require a site inspection.

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. *site marked with blue flags marked
 geo*

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

Dave Kelly
Jones Well Drilling Inc.
410-692-6981



Earth Coil Type: Vertical - Single U-Bend
Water Flow: Parallel
Pipe Sizes: $1\frac{1}{4}$ Geo loops (double) OK
Bore Lengths: 3 hole 400' each - 12W
Pipe Lengths: 400'

FIGURE 4.5: Parallel Vertical Ground Heat Exchanger