

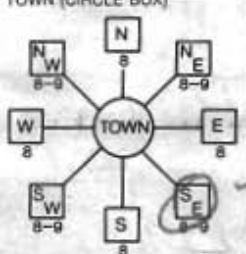
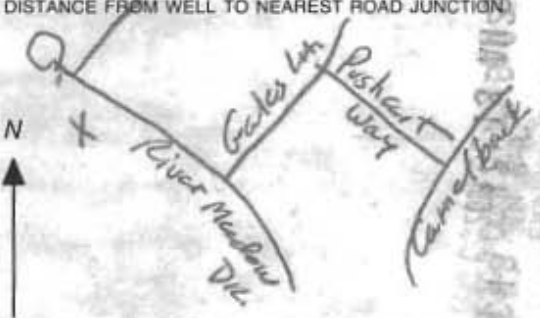
C 1 0503	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE		THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.	
				COUNTY NUMBER	
ST/CO USE ONLY DATE Received MM DO YY 8 13		DATE WELL COMPLETED MM DO YY 11 23 10 2X 22		Depth of Well 400 26 (TO NEAREST FOOT)	
				PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-95-2027	
OWNER Walker		STREET OR RFD 6070 River Meadows Drive		TOWN Columbia	
SUBDIVISION		SECTION		LOT	

WELL LOG		
Not required for driven wells		
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING		
DESCRIPTION (Use additional sheets if needed)	FEET FROM TO	check if water bearing
Dirt	0 20	
Hard Gray	20 25	
Med. hard Tan	25 28	
Hard Gray	28 400	

NUMBER OF UNSUCCESSFUL WELLS: 0
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 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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.
DRILLERS LIC. NO. MW D304 David Kelly DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. LW D376 Jason Morrison
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GROUTING RECORD		
WELL HAS BEEN GROUTED (Circle Appropriate Box)		
TYPE OF GROUTING MATERIAL (Circle one)		
CEMENT CM	BENTONITE CLAY BC	
NO. OF BAGS 24	NO. OF POUNDS 7200	
GALLONS OF WATER 504		
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 TYPE		
Nominal diameter top (main) casing (nearest inch)		
Total depth of main casing (nearest foot)		
OTHER CASING (if used)		
diameter inch depth (feet) from to		
EACH CASING		
screen type or open hole		
insert appropriate code below		
ST STEEL	BR BRASS	HO OPEN HOLE
PL PLASTIC	OT OTHER	
C 2 DEPTH (nearest ft.)		
E 1 8 9 11 15 17 21		
A 2 23 24 26 30 32 36		
C 3 38 39 41 45 47 51		
R 56 60		
SLOT SIZE 1 2 3		
DIAMETER OF SCREEN (NEAREST INCH)		
from to		
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		
70 72 74 75 76		
TELESCOPE CASING LOG INDICATOR OTHER DATA		

C 3		
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	
PUMP INSTALLED		
DRILLER INSTALLED PUMP YES NO		
(CIRCLE) (YES or 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 (nearest foot)		
- below 49 50 51		
LOCATION OF WELL ON LOT		
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)		
A1-31, A2-23, B1-41, B2-26		
House		
2X X1		
River Meadows Drive		

B 1 6409 1 2 3 4 5 6	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type	STATE PERMIT NUMBER 40-95-2027 70 fill in this form completely 79
Date Received (APA) 8 MM DD YY 13 WALKER Clayton 15 Last Name Owner First Name 34 6010 River Meadows Drive 36 Street or RFD 55 Colombia md 21045 57 Town 70 State 72 Zip 76		B 3 Howard LOCATION OF WELL 8 COUNTY 21 23 SUBDIVISION 42 SECTION 44 46 LOT 48 50 Colombia 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 73 76 77 78	
DRILLER INFORMATION David Kelly MWD 304 Driller's Name 76 License No. 81 Jones Well Drilling Inc. Firm Name 3700 Rock rd Jarrettsville md 21084 Address David Kelly 10-4-10 Signature Date		B 4 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  6010 River Meadow Dr. 11 NEAR WHAT ROAD 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 34 50 37 DISTANCE FROM ROAD PT ENTER FT OR MI 38 39 TAX MAP: 36 BLK: 8 PARCEL: 318	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard (13) COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S → 41 DATE ISSUED 10/22/10 10/22/10 43 MM DD YY 48 CO SIGNATURE EXP. DATE NORTH GRID 498 000 EAST GRID 0840 000 50 55 57 63	
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 closed loop (2 holes)		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 76°51'45" N 39°12'00" DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
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 ☐ 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		MAP 4935 D8	
Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER G PERMIT No. 40-95-2027 70 71 72 73 74 75 76 77 78 79			
SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -			

WSME
11/04/10

WATER - SEWER BILLING SYSTEM
METER INFORMATION

PAGE 1 OF 2
9:12 AM

* NOTES EXIST *

ACCOUNT# 66274143

CYCLE# 3

BILL STATUS B BILL

PROPERTY LOC 006010 -
COLUMBIA

RIVER MEADOWS DR

BLDG# LOT 3

210450000

SUBDIVISION

BOTTOM CHANGE DATE

ADC MAP NUMBER 15-H8

ORIGINAL INSTALL DATE 09/05/1991

TYPE SERVICE 1 = WATSEW

READING CHANGE DATE 00/00/0000

NUMBER OF DIALS 1

ACTUAL METER NUMBER 89587520Z

TYPE METER M=MASTER S=SUBMETER

ERT ID (RADIO ONLY) 24694936

PERMANENT CODE I * RADIO *

METER SIZE A = 5/8"

TAP SIZE =

METER MANUFACTURER B = BADGER

METER SIZE APPLIED FOR =

WATER APPLICATION # 1-92-173

SEWER APPLICATION # 2-92-175

WATER APPLICATION DATE 08/16/1991

SEWER APPLICATION DATE 08/16/1991

APPLICATION FEE PAID \$ NONE

APPLICATION FEE PAID \$ NONE

WATER CONNECT DATE 00/00/0000

SEWER CONNECT DATE 00/00/0000

ADO #

WALKING PATTERN # 8850

WHC

SHC

F3=MENU F4=CONSUMPTION HISTORY F5=FINANCIAL INQ F6=BILL INQ
F7=MOVE BETWEEN FIRST AND SECOND PAGE F9=METER INFO F10=EXIT F11=NOTES

WSME
11/04/10

WATER - SEWER BILLING SYSTEM
METER INFORMATION

PAGE 1 OF 2
9:12 AM

* NOTES EXIST *

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BILL STATUS B BILL

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SEWER CONNECT DATE 00/00/0000

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Owner: WALTER Clayton

6010 River Meadows Drive

Columbia Md 21045

Lot Number: 3

Block/Section: B

Plat Reference: Book: 5 Page:

Title of Plat: River Meadows

Year built: 1955

2,100 SF

1.07 Acres



Drawing

consumer only insofar as it is insurance company or its agent transfer, financing or refinancing for the establishment or location dwellings or other existing or uses that plot purport to reflect the accurate identification of the identification may not be required during financing or refinancing, be dwelling is shown in relation to the property known as Meadows Drive City, Maryland

2/28, 702

n - Corporation

300

21204

3-5000

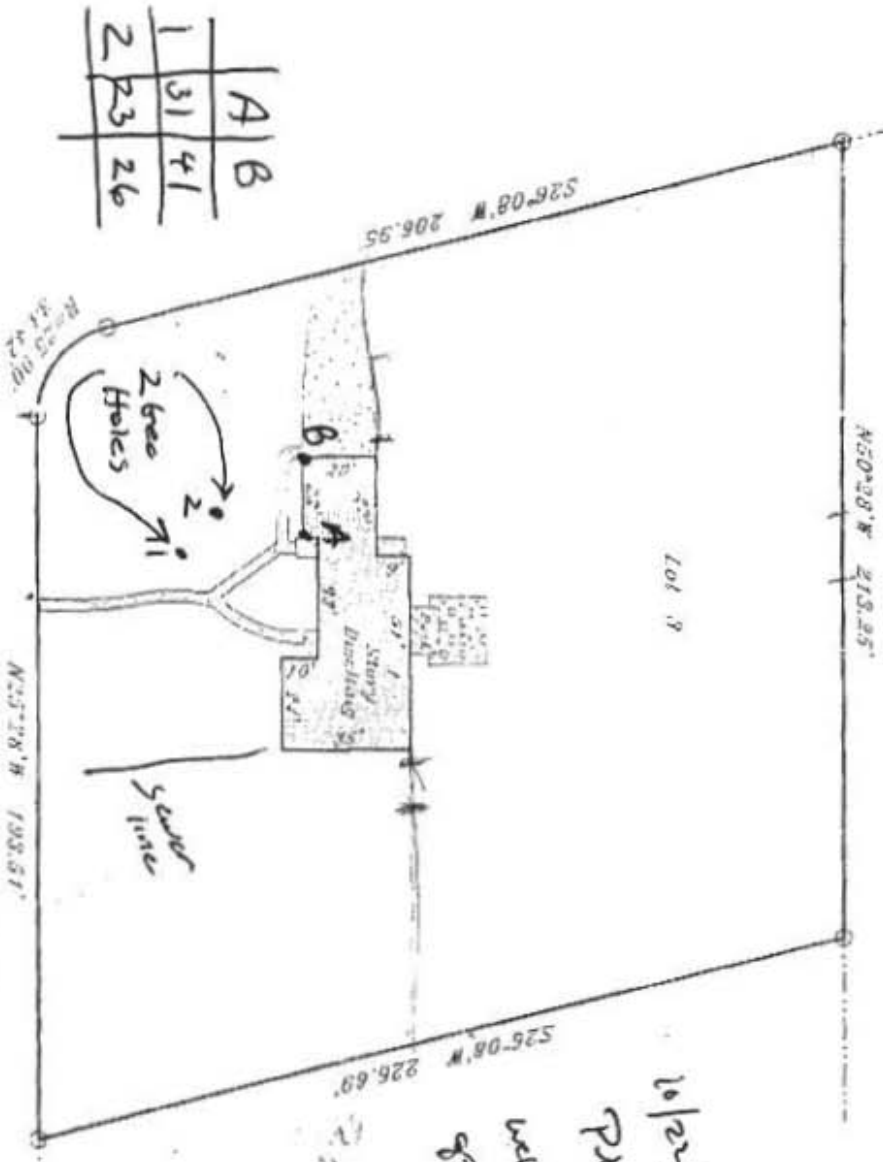
2-01155ar

www.platondesign.com

02DR3734

Scale 1"=50'

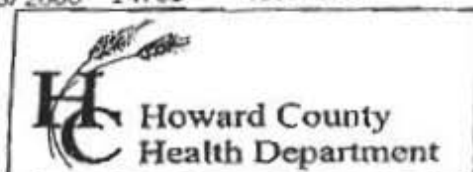
RIVER MEADOWS DRIVE



10/2/20
PDR
H2 &
Sous.
well located
Lot 2
agreed
(K)

Dwelling less in Plot

P.E.M.A. Map Panel 1
240044 0034 R, Paled 1



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:

6010 River Meadows Drive
Subdivision/Property Name Lot# Road Name

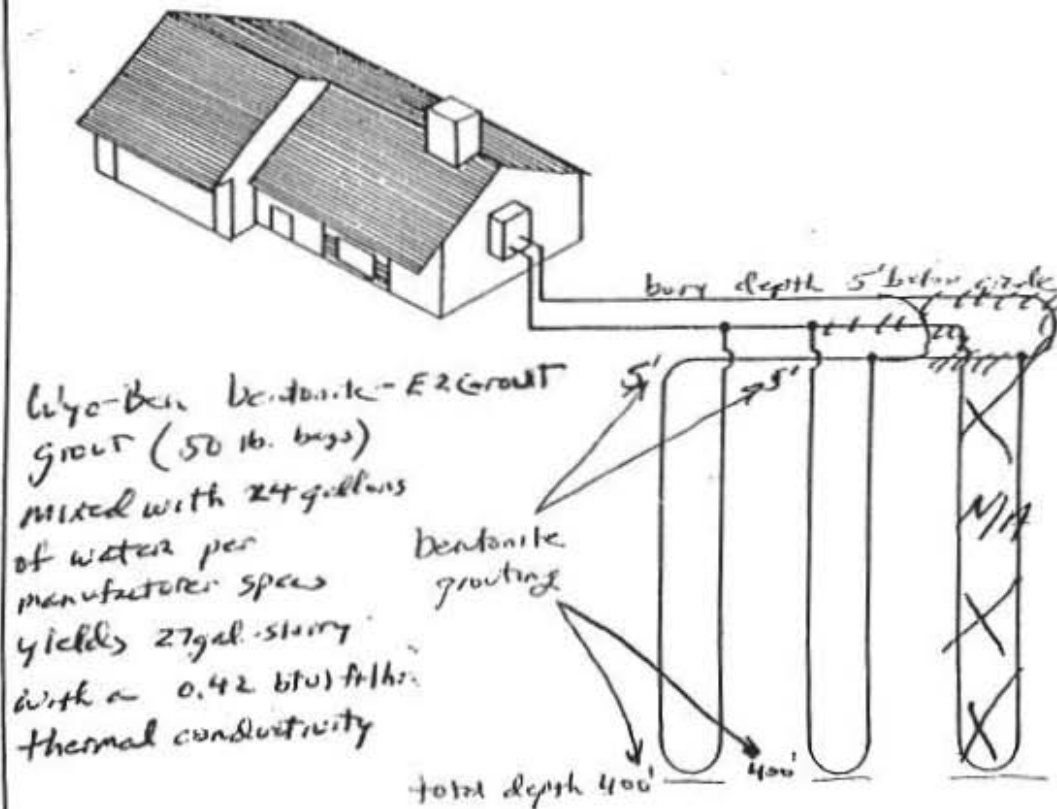
☐ The well site has been staked by _____
(professional land surveyor or company employing professional land surveyors)
on _____ (date) and does not require a site inspection.

☒ The well driller, 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. *Geo Holes Flagged on 10/5/10*

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

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



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