

C1 1946  
SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND  
WELL COMPLETION REPORT  
FILL IN THIS FORM COMPLETELY  
PLEASE TYPE

THIS REPORT MUST BE SUBMITTED AFTER  
WELL IS COMPLETED.

COUNTY  
NUMBER A589934

ST/CO USE ONLY  
DATE Received  
MM DD YY  
8 13

DATE WELL COMPLETED  
MM DD YY  
09 27 99

Depth of Well  
22 240 26  
(TO NEAREST FOOT)

PERMIT NO.  
FROM "PERMIT TO DRILL WELL"  
HO-94-2410  
28 29 30 31 32 33 34 35 36 37

OWNER BRS Developers  
STREET OR RFD Rolling Hills Dr  
SUBDIVISION Cat Hill Ridge  
TOWN Greenwood  
SECTION LOT 7

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

Top Soil 0 2  
Sandy 2 20  
Sand Stone 20 75  
MICKA 75 110  
Sand Stone 110 115  
MICKA 115 240

GROUTING RECORD

WELL HAS BEEN GROUTED  
(Circle Appropriate Box)

yes

no

Y N

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT CM

BENTONITE CLAY BC

NO. OF BAGS 22

NO. OF POUNDS 2200

GALLONS OF WATER 132

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 30+ ft.  
(enter 0 if from surface)

CASING RECORD

casing  
types  
insert  
appropriate  
code  
below

ST

CO

STEEL

CONCRETE

PL

OT

PLASTIC

OTHER

MAIN  
CASING  
TYPE  
ST

Nominal diameter  
top (main) casing  
(nearest inch)

Total depth  
of main casing  
(nearest foot)

6 84

OTHER CASING (if used)

depth (feet)  
from to  
inch

screen type  
or open hole  
(insert  
appropriate  
code  
below)

SCREEN RECORD

ST

BR

HO

STEEL

BRASS

OPEN

BRONZE

PL

OT

PLASTIC

OTHER

C2

DEPTH (nearest ft.)

1 2 82 240  
E 1 8 9 11 15 17 21  
A 2 23 24 26 30 32 36  
C 3 38 39 41 45 47 51  
H  
S  
C  
R  
E  
E  
N  
SLOT SIZE 1 2 3

DIAMETER  
OF SCREEN (NEAREST  
INCH)  
56 60  
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 LOG OTHER DATA  
CASING INDICATOR

PUMPING TEST

HOURS PUMPED (nearest hour)

3

PUMPING RATE (gal. per min.)

12

METHOD USED TO  
MEASURE PUMPING RATE

Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 40 ft.

WHEN PUMPING 90 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

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

- below 2 (nearest foot)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURES  
AND INDICATE NOT LESS THAN  
TWO DISTANCES  
(MEASUREMENTS TO WELL)

ROAD IN DWG. SLIGHTLY INACCURATE - (BELIEVED)

B.1		1938		SEQUENCE NO. (MDE USE ONLY)		STATE OF MARYLAND PERMIT TO DRILL WELL please print or type		STATE PERMIT NUMBER  <div style="font-size: 24pt; font-weight: bold;">H0 - 94 - 2410</div> <div style="font-size: 8pt;">fill in this form completely</div>					
Date Received (APA) <div style="font-size: 24pt; font-weight: bold;">083099</div>						B 3				LOCATION OF WELL			
OWNER INFORMATION						8 COUNTY				21			
8 MM DD YY 13						CATTAL Ridge				42			
15 Last Name						Owner		First Name		34			
8808 Centre Park Dr. Suite 205						Street or RFD		55					
36 Columbia MD 21045						Town		70		State		72	
57						Zip		76					
DRILLER INFORMATION						B 4				DIRECTION OF WELL FROM TOWN (CIRCLE BOX)			
Driller's Name						MS D 116		76		License No.		81	
Firm Name						9120 Brown Church Rd Mt Airy		Address					
Signature						Date		8-25-99					
B 2						WELL INFORMATION		APPROX. PUMPING RATE		5		8	
1						2		(GAL. PER MIN.)		3		12	
AVERAGE DAILY QUANTITY NEEDED						500		14		20			
(GAL. PER DAY)						USE FOR WATER (CIRCLE APPROPRIATE BOX)		DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION					
22						FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)		INDUSTRIAL, COMMERCIAL, DEWATERING					
PUBLIC WATER SUPPLY WELL						TEST, OBSERVATION, MONITORING		GEO-THERMAL					
APPROXIMATE DEPTH OF WELL						150		FEET					
APPROXIMATE DIAMETER OF WELL						6"		NEAREST INCH					
METHOD OF DRILLING (circle one)						BORED (or Augered)		JETTED		Jettied & DRIVEN			
30 AIR-ROTARY						AIR-PERCussion		ROTARY (Hydraulic Rotary)					
37 CABLE						REVERSE-ROTary		Drive-POINT					
other						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 DEEPMEN 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 A P					
54						63		PERMIT No.					
H0 - 94 - 2410						70		71		72		73	
74						75		76		77		78	
79						SPECIAL CONDITIONS		NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -					

LOCATION OF WELL

8 COUNTY

21

23 SUBDIVISION

42

SECTION 44 46 LOT 48 50

52 NEAREST TOWN

71

MILES FROM TOWN (enter 0 if in town)

73 76 77 78

11 NEAR WHAT ROAD

30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 25 37

DISTANCE FROM ROAD

ENTER FT OR MI

38 39

TAX MAP: 21 BLK: PARCEL 3

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard Co A589936

COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S 41

DATE ISSUED 090799 A.M. 090700

43 MM DD YY 48 CO SIGNATURE EXP. DATE

NORTH GRID 525 000 EAST GRID 790 000

50 55 57 63

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

1. well

2.

3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 790

N 525

000 000

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

North

Road C

Road A.

Country

Sign on

14097

## FIELD DATA SHEET

Well Permit No. HO - 94-2410

Location of property (road) Rolling Hills Drive  
Subdivision Rolling Hills

Subdivision Cattail Ridge

Well Driller Catall Ridge Lot 2 Block Plat Sec.  
Ralph Mayne Owner BRS Dev.

Well Driller Catall Ridge Lot 2 Block Plat Sec.  
Ralph Mayne Owner BRS Dev.

Depth of well 240'

Distance of measuring point (M.P.) above ground 21

Static water level (S.W.L.) below M.P. 40'

I. High rate pumping -- reservoir drawdown

Time pump started 8:30

Pumping rate 12 GPM

Total time 15 min to reach pumping water level 90' ft. below M.P. Pumping rate 12 GPM

II. Recovery pump test data - observations to be recorded every 15 minutes

[illegible]





HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
WATER AND SEWERAGE PROGRAM  
TEL: (410)313-2640 FAX: (410)313-2648

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: CHARLES A. KLEIN & SON, INC. Telephone #: (410) 549-6960  
Address: 5320 KLEES MILL ROAD  
SPRINGVILLE, MD 21784

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer  
License # and name of individual responsible for the field installation:  
Name (Print): CHARLES A. KLEIN, JR. License# 6521  
\*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: WILLIAMS GROUP Telephone #: (410) 957-8800  
Subdivision: CATON RIDGE Lot #: 7 Well Tag #: HO-94-2410  
Site Address: 15016 GLENWOOD, MD 21738

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit  
Make: JACUZZI Make: AMERICAN Two piece watertight cap: ☒  
Model #: 5545-13P-52 Model#: PT-200 Screened, vented well cap: ☒  
Pump Capacity: 2 GPM Depth: 12 (36" min) Cap secured to casing: ☒  
Well Yield: 12 GPM NSF approved: WSC Conduit min 1 1/2" E.G.: ☒  
Depth of well encountered at time of pump installation: 210 (feet) Conduit secured to well cap: ☒  
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4  
Torque arrestors or Cable guards are required - Must circle one  
Safety rope, if used, attached to inside of well casing with eye bolt ☐

Piping to house  
Type: HIGH DENSITY POLYETHYLENE  
PSI: 1" (160 psi min)  
Depth of supply line: 42 (36" min)

House Connection  
PVC sleeved to undisturbed soil at wall penetration: Yes  
Approximate length of sleeve:           
Sleeve caulked and sealed properly: ☒

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: Charles A. Klein, Jr.  
CHARLES A. KLEIN, JR.

date 6/6/01

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested:          Date Insp. Approved: 8/22/01 SRK  
Inspection Data: Pitless adapter and water supply line at least 36" below grade ☒  
Two piece cap installed and attached to casing securely ☒  
Elec. conduit extends at least 18" below grade/attached to cap properly ☒  
Safety rope installed inside of well casing ☒  
Correct well tag attached properly and casing 8" above finished grade ☒  
Water supply line sleeved adequately at house connection ☒  
Adequate grout observed below pitless adapter ☒

→ Check after lab test

