

C1 7059 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 A 58993 66

ST/CO USE ONLY DATE Received MM 02 DD 03 YY 99

DATE WELL COMPLETED MM 01 DD 30 YY 99

Depth of Well 22 180 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 2/4/99 OK 40-94-2067

OWNER Cattail overlook STREET OR RFD 8808 Centre Park Dr TOWN Columbia SUBDIVISION Cattail SECTION LOT 3734

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. Includes entries for Orange Silty Soil, Tan Silty Soil, Brown Silty Soil, Soft Tan Weathered Rock, and Med. Hard Cony Rock.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (CM) (BC) NO. OF BAGS 17 NO. OF POUNDS 1578 GALLONS OF WATER 102 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 65 ft.

CASING RECORD casing types insert appropriate code below (ST) (CO) (PL) (OT)

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch)! Total depth of main casing (nearest foot) (ST) 6 65

OTHER CASING (if used) diameter inch depth (feet) (PL) 4.5 60 180

SCREEN RECORD screen type or open hole (ST) (BR) (HO) (PL) (OT)

DEPTH (nearest ft.) (H) 65 180

DIAMETER OF SCREEN (NEAREST INCH) from 56 to 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

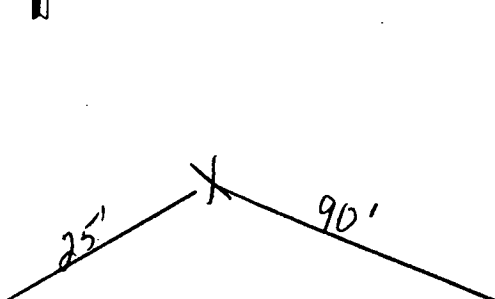
PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 10.2 METHOD USED TO MEASURE PUMPING RATE Watch & Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 34 ft. WHEN PUMPING 10.2 ft. TYPE OF PUMP USED (for test) (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)



NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (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. MWD 355 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. MWD 546 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

RIGHT Prop Line

FRONT Prop Line

B 1 5126

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER

HO-94-2067
fill in this form completely

Date Received (APA)

1 13 99

OWNER INFORMATION

CatTail Overlook Inc
Last Name Owner First Name

8808 Centre Park Dr. suite 209
Street or RFD

Columbia md 21045
Town State Zip

B 3

LOCATION OF WELL

Howard
COUNTY

CatTail Ridge
SUBDIVISION

SECTION: 31 LOT: 34

Glenwood
NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) 2 M I
73 76 77 78

DRILLER INFORMATION

Michael Barlow MWD 355
Driller's Name License No.

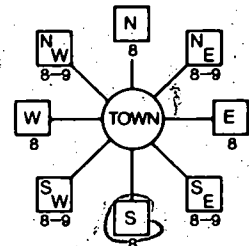
Michael Barlow Well Drilling
Firm Name

912 Fawn Ct. Joppa, md 21085
Address

[Signature] 1-6-99
Signature Date

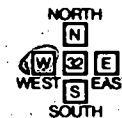
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Barbury Mill
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



170
DISTANCE FROM ROAD

ENTER FT OR MI FT

TAX MAP: _____ BLK: _____ PARCEL _____

B 2 WELL INFORMATION

APPROX. PUMPING RATE 5
(GAL. PER MIN.)

AVERAGE DAILY QUANTITY NEEDED 500
(GAL. PER DAY)

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 Co A 58993GG
COUNTY NAME COUNTY NO.

STATE SIGNATURE _____ INSERT S → _____

DATE ISSUED 1/20/99 A McMill 1/20/00
MM DD YY EXP. DATE

NORTH GRID 520 000 EAST GRID 790 000
50 55 57 63

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 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 DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER _____ GAP _____

PERMIT No HO-94-2067
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.

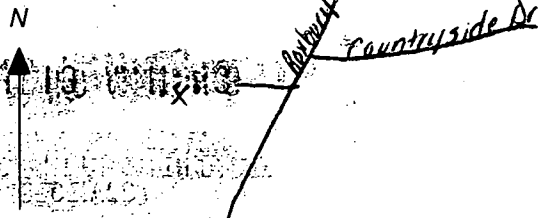
WRITE THE BOX NUMBER FROM THE MAP HERE

E 790

N 520

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



HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3325-N Ellicott Mills Drive
Ellicott City, MD 21043
461-9833

WPI 8/22/00

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # _____
Date _____

Name of Installer

CHARLES A. KLEIN

Telephone (410) 549-6960

License Number

6521

Certified Well Pump Installer

Well Driller _____

Registered Plumber _____

Name of Property Owner

WILLIAMS BURG GROUP

Telephone (410) 997-8800

Subdivision

CATTLE RIDGE

Lot #

2

Well Tag # HO-94-2067

Site Address

13009 ROLLING HILLS DRIVE

Pump

- Type
 - Deep well jet _____
 - Shallow well jet _____
 - Submersible
- Make JACOZZI
- Model # 5545-13P
- Capacity 5 GPM
- Pump exceeds well capacity Yes _____ No
- If Yes, is low pressure cutoff switch installed? Yes _____ No
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards Other _____

Motor

- Horsepower 1/2
- RPM 1765
- Voltage
 - 110 _____
 - 220

Pitless Adapter

- Make HARVARD
- Model # PT-800
- Depth 42"

Tank

- Capacity 20 GAL
- Pressure relief valve? YES

Piping

- Type Polyethylene
- Size 1"
- NSF and/or BOCA Code approved
- Depth of supply line 180'

Well data

- Depth 180 ft.
- Yield 11 GPM
- Static water level 90 ft.
- Will water supply be disinfected by installer? NO

8/22/00 New pitless O.K.
Old pitless sealed with screw in solid metal plug and teflon tape. Left note to

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

Call in for reinspection when casing shortened, PVC conduit not

All information given above is true to the best of my knowledge.

Currently 18" below grade.

Signature of Applicant:

Charles A Klein Jr

Date:

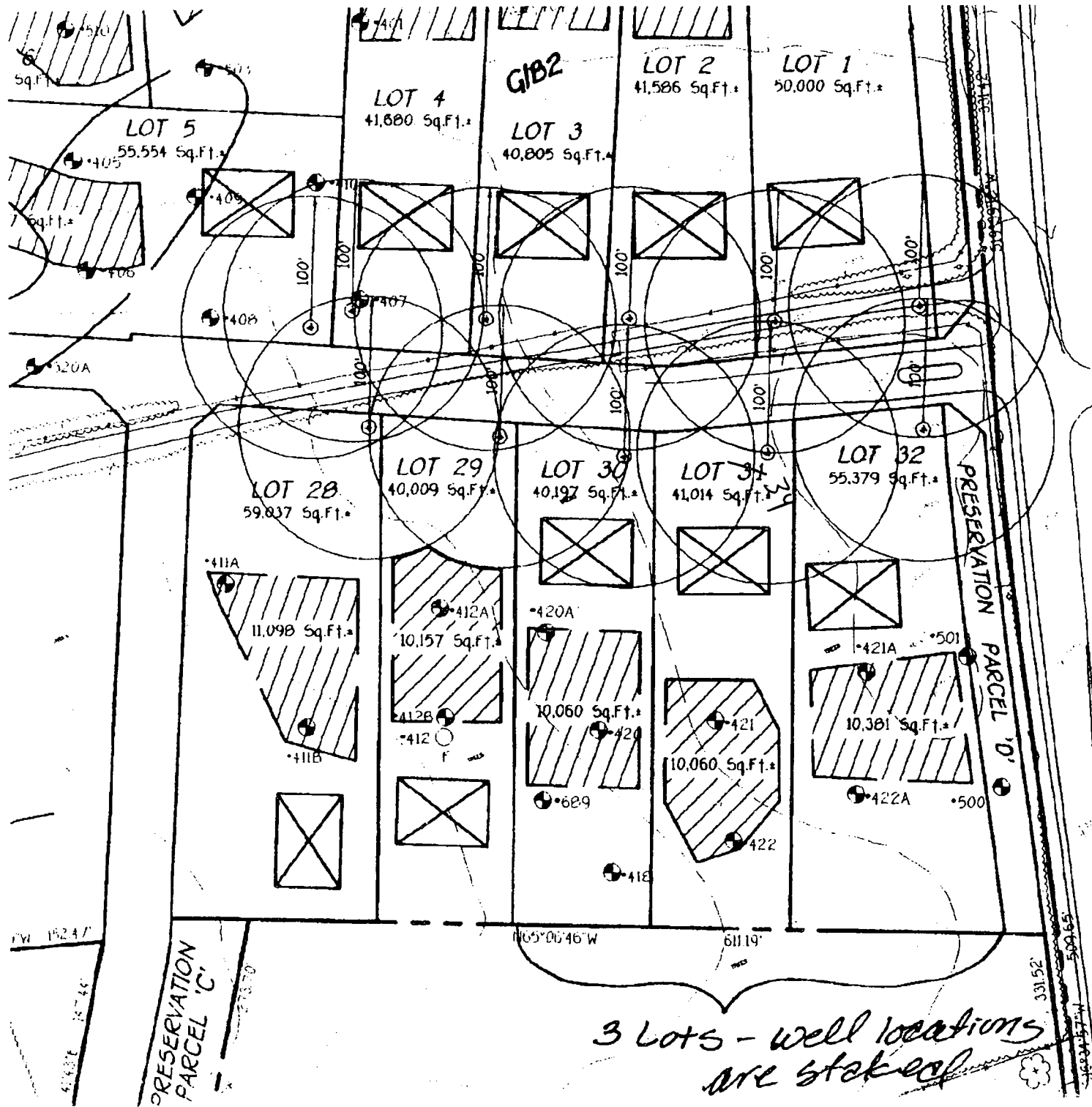
3/24/00

Note: A sticker indicating approval status of the installation will be placed on the well casing at the time of the inspection.

HD-215

3/24/00-WPI on (DUS) SRK

10/4/00-Issue resolved per Charles Klein (SRK)
& Builder



1/20/98
 Well staked
 by licensed
 surveyor
 AM

3 Lots - well locations
 are staked