

C 1 1970 (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 A58993AA

ST/CO USE ONLY  
DATE Received MM DD YY  
8 13  
DATE WELL COMPLETED MM DD YY  
10-4-99  
Depth of Well  
22 375 26  
(TO NEAREST FOOT)  
PERMIT NO.  
FROM "PERMIT TO DRILL WELL"  
H0-94-2428  
28 29 30 31 32 33 34 35 36 37

OWNER Cattail Overlook  
last name first name  
STREET OR RFD Windy Path Court  
SUBDIVISION Cattail Ridge SECTION Glenwood LOT 25

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
Brown Soil	0	40
Green weathered ROCK	40	50
Brown Soil	50	56
Gray Granite	56	375
	70	✓
	360	✓

GROUTING RECORD  
WELL HAS BEEN GROUTED (Circle Appropriate Box)  
yes ☒ Y no ☐ N  
TYPE OF GROUTING MATERIAL (Circle one)  
CEMENT ☒ CM BENTONITE CLAY ☐ BC  
NO. OF BAGS 15 NO. OF POUNDS 1410  
GALLONS OF WATER 90 gals.  
DEPTH OF GROUT SEAL (to nearest foot)  
from 0 ft. to 60 ft.  
(enter 0 if from surface)

CASING RECORD  
casing types insert appropriate code below  
STEEL ☒ ST CONCRETE ☐ CO  
PLASTIC ☐ PL OTHER ☐ OT  
MAIN CASING TYPE ST  
Nominal diameter top (main) casing (nearest inch) 06  
Total depth of main casing (nearest foot) 60

OTHER CASING (if used)  
EACH CASING diameter depth (feet)  
inch from to

SCREEN RECORD  
screen type or open hole  
insert appropriate code below  
STEEL ☒ ST BRASS ☐ BR OPEN HOLE ☐ HO  
BRONZE ☐ PL PLASTIC ☐ PL OTHER ☐ OT

NUMBER OF UNSUCCESSFUL WELLS: 0  
WELL HYDROFRACTURED yes ☒ Y no ☐ 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 Max S. Jones  
(MUST MATCH SIGNATURE ON APPLICATION)  
LIC. NO. MWD 549

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

DEPTH (nearest ft.)  
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100  
H0 60 375  
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 CASING LOG INDICATOR OTHER DATA

PUMPING TEST  
HOURS PUMPED (nearest hour) 3  
PUMPING RATE (gal. per min.) 4  
METHOD USED TO MEASURE PUMPING RATE WATCH & BUCKET  
WATER LEVEL (distance from land surface)  
BEFORE PUMPING 49' ft.  
WHEN PUMPING 228' 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 (CIRCLE) (YES or NO) 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 - below  
LAND SURFACE 2 (nearest foot)

LOCATION OF WELL ON LOT  
SHOW PERMANENT STRUCTURES AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)  
15'  
10'

B 1	16681	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER 10-94-2428 fill in this form completely
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Date Received (APA) 083099

OWNER INFORMATION

8 MM DD YY 13

15 Last Name CATTAIL 21 Owner OVERLOOK 28 First Name LLC 34

36 Street or RFD 8808 CENTRE PARK DR Suite 108 55

57 Town Columbia 70 State MARYLAND 72 Zip 21045 76

DRILLER INFORMATION

Driller's Name MICHAEL BARLOW 76 License No. MD D355 81

Firm Name MICHAEL BARLOW WELL DRILLING Svc Inc

Address 912 FAIR CT. Joppa. MD 21085

Signature [Signature] 8/18/99 Date

B 2 WELL INFORMATION

1 2 APPROX. PUMPING RATE 5 (GAL. PER MIN.) 8 12

AVERAGE DAILY QUANTITY NEEDED 500 (GAL. PER DAY) 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

APPROXIMATE DEPTH OF WELL 250 FEET

APPROXIMATE DIAMETER OF WELL 6" 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

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

39 ☐ 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 DEEPEAN 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 54 G A P 63

PERMIT No. 10-94-2428

B 3 LOCATION OF WELL

8 COUNTY HOWARD 21

23 SUBDIVISION CATTAIL RIDGE 42

SECTION 44 46 LOT 25 48 50

52 NEAREST TOWN ROXBURY 71

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

B 4

1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

11 NEAR WHAT ROAD Windy path Ct 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 IS 37 DISTANCE FROM ROAD 15 FT 38 39

TAX MAP: BLK: PARCEL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

COUNTY NAME Howard Co COUNTY NO. A58993AA

STATE SIGNATURE DATE ISSUED 090799 A McMillen 9/7/00

43 MM DD YY 48 CO SIGNATURE EXP. DATE

NORTH GRID 520 000 EAST GRID 780 000

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 780

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

Sketch showing location of well in relation to nearby towns and roads. Includes labels for ROAD A, ROAD B, ROAD C, and ROAD D. A north arrow is present.



Date 10-4-99

Review 3/1/00 O.K. (BP)

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-2428  
Location of property (road) Windy Path Ct  
Subdivision Cattail Ridge Lot 25 Block        Plat        Sec.         
Well Driller Michael Barlow Owner BRS Development

Depth of well 375 FEET  
Distance of measuring point (M.P.) above ground \_\_\_\_\_  
Static water level (S.W.L.) below M.P. \_\_\_\_\_

I. High rate pumping -- reservoir drawdown

Time pump started 10:30 Pumping rate 4  
Total time \_\_\_\_\_ to reach pumping water level \_\_\_\_\_ ft. below M.P.

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: Pipe-Rite Plumbing Telephone #: 410-788-3080  
Address: 405 Lafayette Ave  
Baltimore, MD 21228

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer

License # and name of individual responsible for the field installation:

Name (Print): George Baker License# 2214

\*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: Breidenstein Telephone #: \_\_\_\_\_  
Subdivision: Cattail Ridge Lot #: 25 Well Tag #: HO-99-2428  
Site Address: 3521 Winding Path Ct

**Submersible Pump Data**

Make: Meyers  
Model #: 25T102-S  
Pump Capacity: 5 GPM  
Well Yield: 4 GPM

**Pitless Adapter**

Make: Martinson  
Model#: BIKE  
Depth: 48 (36" min)  
NSF approved: X

**Well Cap and Electric Conduit**

Two piece watertight cap: X  
Screened, vented well cap: X  
Cap secured to casing: X  
Conduit min 18" B.G.: X  
Conduit secured to well cap: X

Depth of well encountered at time of pump installation: 345 (feet)

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: X

**Piping to house**

Type: 16016 Plastic  
PSI: 160 (160 psi min)  
Depth of supply line: 48 (36" min)

**House Connection**

PVC sleeved to undisturbed soil at wall penetration: X  
Approximate length of sleeve: 5'  
Sleeve caulked and sealed properly: X

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.

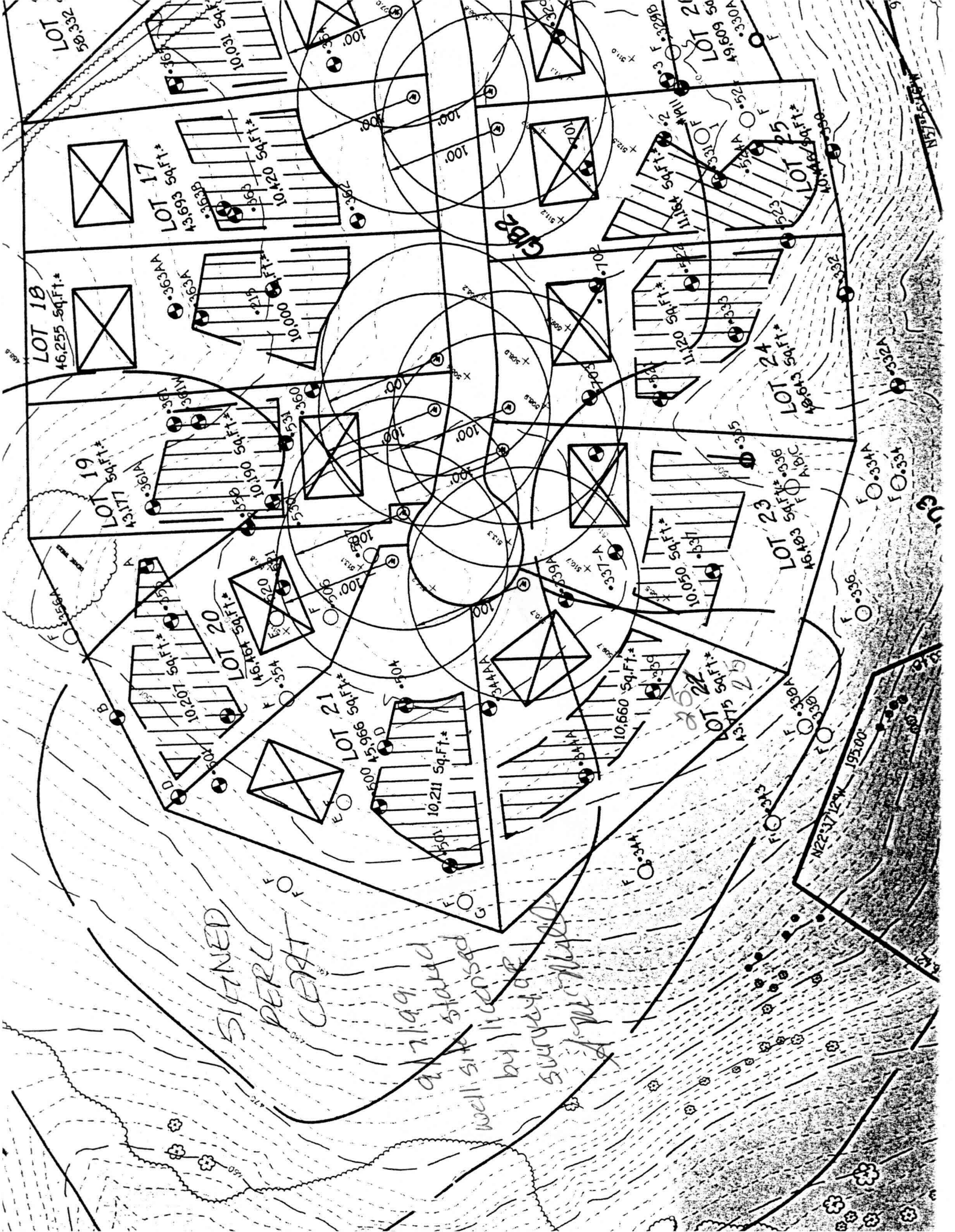
Signature of company representative responsible for installation: George Baker

8-24-01  
date

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

Date Insp. Requested: 7/5/01 Date Insp. Approved: 7/5/01 (SRK)

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



SIGNED  
PER  
CERT

all 7.99  
stand  
well site  
by 11/6/2024  
surveys  
M.A. Williams

N22°37'12" 195.00'