

7/25/89  
7/28/89  
8/1/89

# 310756

# PERMIT

P 44804

A REPAIR

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT \_\_\_\_\_

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

DATE 7/31/89

DATE SYSTEM APPROVED 8/1/89

INSPECTOR C. Williams

## INDEXED

SOUTH CARROLL BACKHOE

IS PERMITTED TO INSTALL \_\_\_\_\_ ALTER

ADDRESS 4410 Salem Bottom Rd. Westminster PHONE \_\_\_\_\_

SUBDIVISION Reichard Property ROAD 440 Gaither Rd. LOT \_\_\_\_\_

PROPERTY OWNER Richard Reichard

ADDRESS \_\_\_\_\_

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%

GARBAGE GRINDER? YES \_\_\_\_\_ NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

**BUILDING PERMIT SIGNED  
AND RETURNED**

*619-03 800 141350 - MASTER BEDRM*

PURPOSE: To replace failed seepage pit.

PUMP AND ABANDON EXISTING SEEPAGE PIT.

INSTALL new septic tank to left of house at least 50' from existing well.

INSTALL new leaching bed to lower-rear side of house. Dimension of bed to be

approximately 15' x 20' with 4' of stone. Maximum bottom depth to be

6' below grade as measured on low side of bed.

PLANS APPROVED BY C. Williams DATE \_\_\_\_\_

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

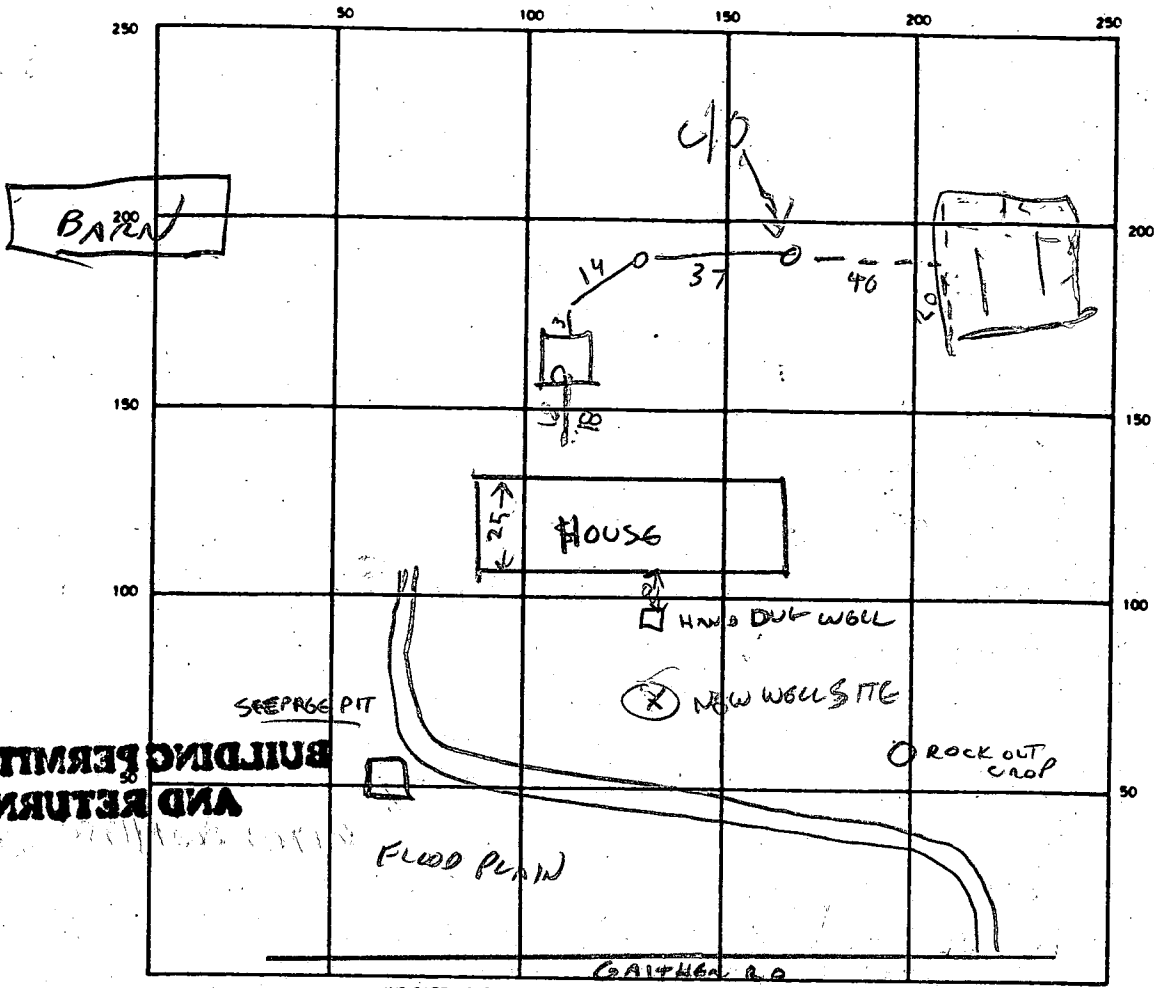
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

*P 44804*



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL \_\_\_\_\_ CLEANOUTS \_\_\_\_\_

DISTRIBUTION BOX LEVEL \_\_\_\_\_

DRAIN FIELD/TILE FIELD DEPTH 3 FT. TRENCH WIDTH \_\_\_\_\_ FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH \_\_\_\_\_ FT. TOTAL LENGTH \_\_\_\_\_ FT.

NUMBER OF TRENCHES \_\_\_\_\_ ONE SIDEWALL/BOTTOM AREA \_\_\_\_\_ SQ. FT.

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS 7/31/89 - OK TO COVER TANK, FINISH BED & CALL R. HODGES

8/1/89 DISPOSAL FIELD COMPLETE. NEGOT HOUSE CONNECTION AND

ABANDONMENT OF EXISTING SEEPRAGE PIT. CW.

9/89 SEEPRAGE PIT ABANDONED PER CONTRACTOR.

DATE SYSTEM APPROVED

9/1/89

INSPECTOR

CWILL



# HOWARD COUNTY HEALTH DEPARTMENT

Bureau of Environmental Health  
3525-H Ellicott Mills Drive, Ellicott City, Maryland 21043-4544  
(410) 313-2640 FAX (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-877-4MD-DHMH

*Penny E. Borenstein, M.D., M.P.H., Acting County Health Officer*

June 3, 2002

Mr. John Abato  
440 Gaither Road  
Sykesville, MD 21784

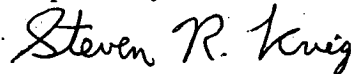
RE: **Future Well Abandonment**  
440 Gaither Road

Dear Mr. Abato:

File review indicates that a replacement well, with permit #HO-94-3254, was drilled on the above referenced property on October 24, 2001. A condition of the well drilling permit was that the original well be properly abandoned and sealed. As a reminder, prior to the issuance of any future building permits, the existing hand-dug well under your porch must be properly abandoned by a licensed well driller. This abandonment process is important in that it helps to restore the subsurface geologic conditions which existed before the well was drilled, and more importantly, to protect the groundwater resource from potential contamination.

If you have any questions, or would like to discuss this matter further, please call me directly at (410) 313-2643. Thank you for your attention to this important matter.

Respectfully,



Steven Krieg,  
Registered Environmental Sanitarian  
Well & Septic Program

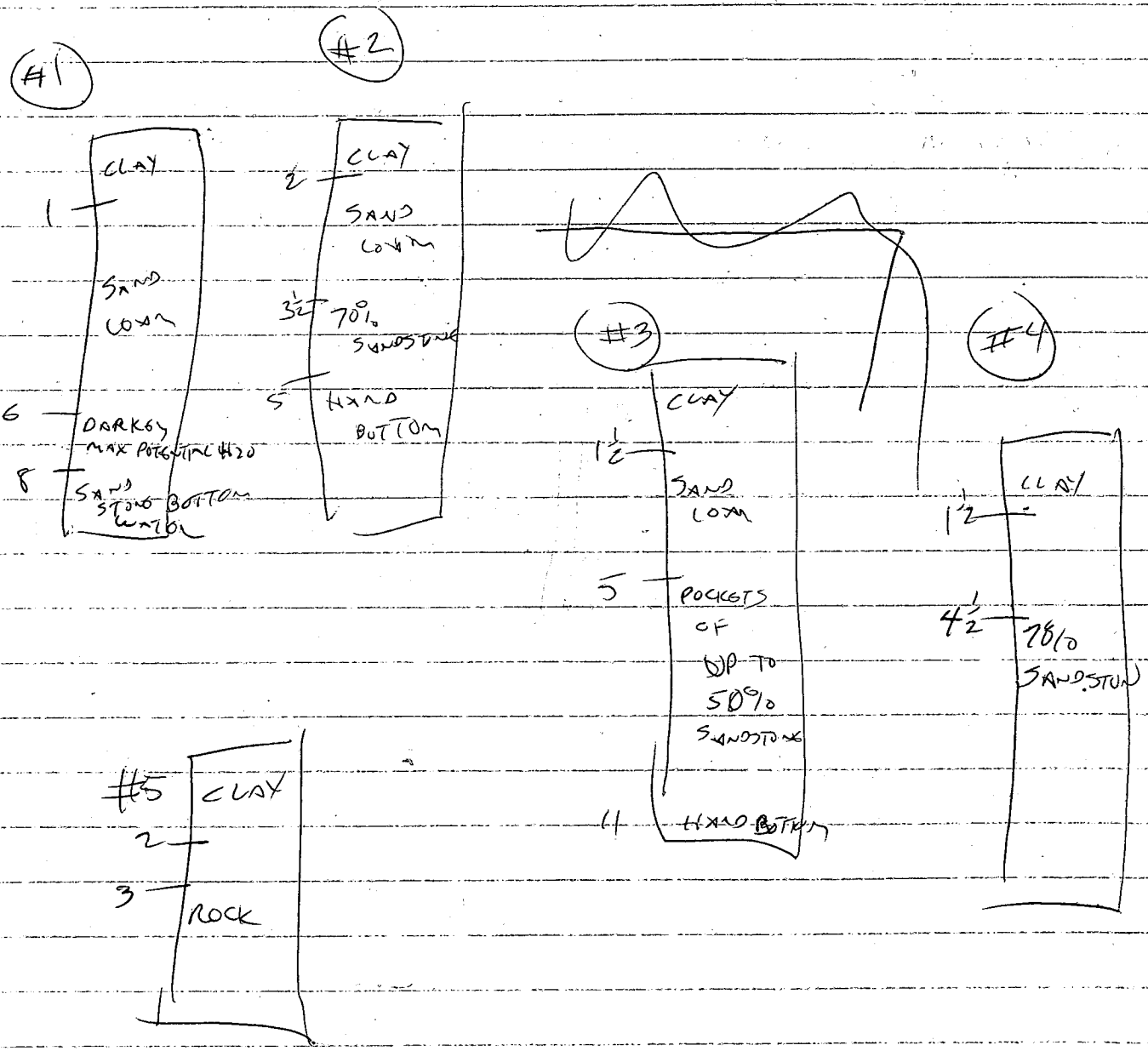
KDN

cc: File

7/28

# REICHARD GATHRO

SEEPAGE PIT UNCOVERED - CLOGGED TO OVERFLOW IN WATER TABLE



BAWN

ROCK  
OUTCROPS

↑  
40  
↓

HOUSE

← 75 →

④  
↑  
50  
↓  
③

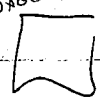
→ 75 HAND DUG WELL

↑  
60  
↓

②

490

566 PAGE PIT



75

↓  
①  
20  
↓

600

TEST HOLE

⑤

FLOOD PLAIN

FLOOD PLAIN

ROAD

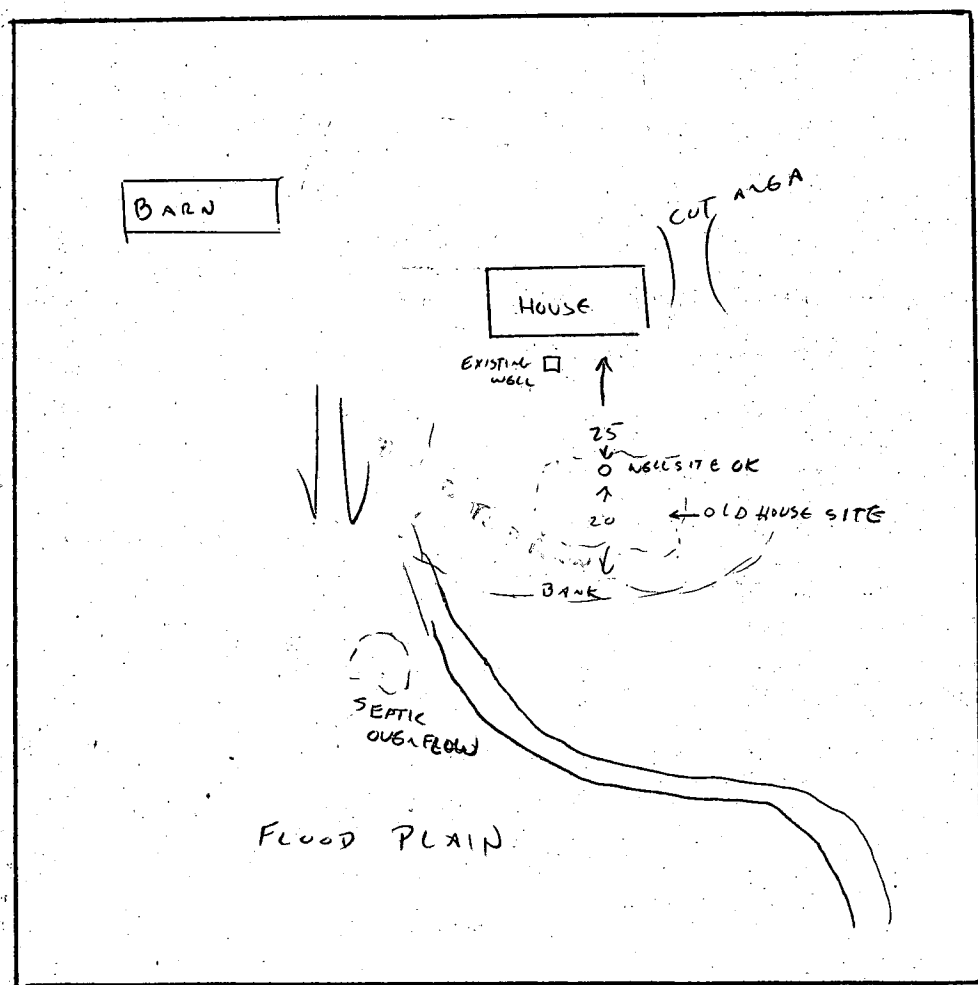
20182

REPLACEMENT WELL SITE INSPECTION

OWNER RICHARD REICHARD  
ADDRESS 440 GAITHER RD.  
SYKESVILLE, MD 21784  
442-9920      W949-8019

DATE REQUESTED 7/12/89  
DRILLER RALPH MAYNE  
WELL-TAG# HO-88-0868  
COUNTY# 13

LOCATION DIAGRAM



COMMENTS: HAND DUG - ROCK LINED WELL 20' OR MORE DEEP "SHOE BOX" WOODEN LID DETEIORATING,

LIMITED HIGH GROUND FOR WELL INSTALLATION.

SEPTIC OVERFLOW OBSERVED WHEN LEAVING PROPERTY, PROPERTY OWNER NOT YET ADVISED.

LETTER SENT 7/14/89

7/12/89  
CW

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: BLUE MTN. WATER Telephone #: 410-294-4444  
Address: 8343-J MONT. RW RD.  
ELLICOTT CITY, MD 21043

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

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

Name (Print): MICHAEL STEER License# PI0138

\*A licensed individual must perform the actual installation. Apprentices must be under the supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification. Unlicensed individuals may be reported to the appropriate licensing agency.

Name of Property Owner: JOHN ABATO Telephone #: 410-442-5993

Subdivision: \_\_\_\_\_ Lot #: \_\_\_\_\_ Well Tag #: HO-94-3254

Site Address: 440 GAITHER RD.  
SYKESVILLE, MD 21784

Submersible Pump Data

Make: JACUZZI  
Model #: 754712B-S2  
Pump Capacity 7 GPM  
Well Yield: >10 GPM

Pitless Adapter

Make: N/A  
Model#: N/A  
Depth: 36 (36" min)  
NSF/WSC approved: Y

Well Cap and Electric Conduit

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

Depth of well encountered at time of pump installation: 100 (feet)

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4

Torque arrestors Cable guards or other acceptable method used- Must circle one

Safety rope, if used, attached to brass rope adapter or other acceptable method inside of well casing

Piping to house

Type: 1" WELL PIPE  
PSI: (160 psi min)  
Depth of supply line: 36 (36" min)

House Connection

PVC sleeve to undisturbed soil at wall penetration: Y  
Approximate length of sleeve: 18"  
Sleeve caulked and sealed properly: Y

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]  
Signature of company representative responsible for installation

14 NOV 01  
date

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

Date Insp. Requested: 10/30/01 Date Insp. Approved: 10/30/01 Inspector: SO SRM

- Inspection Data: Pitless adapter watertight & 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 not seen outside of well cap/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

C1 0519

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 44804

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

DATE RECEIVED MM DD YY

DATE WELL COMPLETED

Depth of Well 22 100 26 (TO NEAREST FOOT)

OKSRU 5/8/02 PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-3254

OWNER Abato John STREET OR RFD 440 Gather Road TOWN Sykesville SUBDIVISION SECTION LOT

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 (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows: Residual Soil, Parent Rock, water @ 30'

GROUTING RECORD yes no WELL HAS BEEN GROUTED (Circle Appropriate Box) [X] [N]

TYPE OF GROUTING MATERIAL (Circle one) CEMENT [CM] BENTONITE CLAY [BC] NO. OF BAGS 24 NO. OF POUNDS 2,256 GALLONS OF WATER 96 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 22 ft.

CASING RECORD casing types insert appropriate code below [ST] [CO] [PL] [OT] STEEL CONCRETE PLASTIC OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch)! Total depth of main casing (nearest foot) ST 6 22M

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

SCREEN RECORD screen type or open hole (insert appropriate code below) [ST] [BR] [HO] [PL] [OT] STEEL BRASS BRONZE PLASTIC OPEN HOLE OTHER

DEPTH (nearest ft.) 20 100

DIAMETER OF SCREEN (NEAREST INCH) 56 60 from to

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT 'F' IN BOX '66'

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 (nearest hour) NA PUMPING RATE (gal. per min.) 210 METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING 60' WHEN PUMPING 22' TYPE OF PUMP USED (for test) [A] air [P] piston [T] turbine [C] centrifugal [R] rotary [O] other [J] jet [S] submersible Domestic

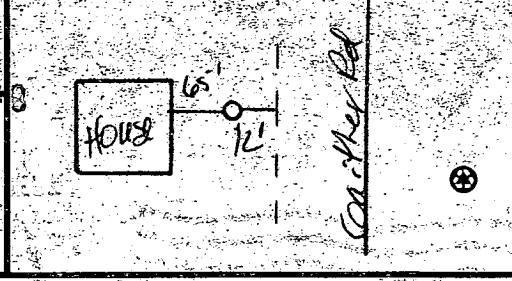
PUMP INSTALLED DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) YES [NO]

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) [X] above 49 below 2 (nearest foot)

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)



NUMBER OF UNSUCCESSFUL WELLS: none

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.

DRILLER NO. 3361 DRILLER'S SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. M D

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

6542	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL <i>W516008</i> Please print or type	STATE PERMIT NUMBER <b>HO-94-3254</b>
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**OWNER INFORMATION**

Date Received (APA) **10 10 01**  
8 MM DD YY 13

**John Abato**  
15 Last Name Owner First Name 34

**440 Gaither Road**  
36 Street or RFD 55

**Sykesville, MD 21784**  
57 Town 70 State 72 Zip 76

**LOCATION OF WELL**

**Howard**  
8 COUNTY 21

**Sykesville**  
23 SUBDIVISION 42

SECTION **44** LOT **48**  
44 46 48 50

**Sykesville**  
52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) **3**  
73 M I 76 77 78

**DRILLER INFORMATION**

**Michael W. Huber** M W D **336**  
Driller's Name 76 License No. 81

**CHESAPEAKE GEOSYSTEMS, INC.**  
Firm Name

**6720 Ft. Smallwood Rd Balto., MD 21226**  
Address

*Michael W. Huber* **10/9/01**  
Signature Date

**440 Gaither Road**  
11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD  
(CIRCLE APPROPRIATE BOX)

**2500** **20**  
34 DISTANCE FROM ROAD 37  
ENTER FT OR MI 38 FT 39

TAX MAP: **4** BLK: **13** PARCEL **28**

**WELL INFORMATION**

APPROX. PUMPING RATE **NA**  
(GAL. PER MIN.) 8 12

AVERAGE DAILY QUANTITY NEEDED **NA**  
(GAL. PER DAY) 14 20

**NOT TO BE FILLED IN BY DRILLER  
HEALTH DEPARTMENT APPROVAL**

**Howard** **44804**  
COUNTY NAME COUNTY NO.

STATE SIGNATURE \_\_\_\_\_ INSERT S \_\_\_\_\_ 41

DATE ISSUED **10 22 01** **Steven R. Krug** **10 22 02**  
43 MM DD YY 48 CO SIGNATURE EXP. DATE

NORTH GRID **554** 0 0 0 EAST GRID **804** 0 0 0  
50 55 57 63

**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 **150** FEET  
24 28

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 **HO 20**

**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 DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 **NA** 52

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

APPROP. PERMIT NUMBER \_\_\_\_\_

PERMIT No. **HO-94-3254**  
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 **804,000**

N **554,000**

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

**South branch Patuxent River**

**Gaither Rd**

**fence**

SPECIAL CONDITIONS **Ensure at least 8" of casing extends above finished grade preferably 1' or more**

NOTE - APPROVING AUTHORITY'S SHOULD USE SEPARATE SHEET IF NEEDED

SITE INSPECTION SHEET

OWNER: John Abato

DATE REQUESTED: 10/19/01

PHONE #: \_\_\_\_\_

CONTRACTOR: Chesapeake Geo Systems & Blue Mountain Water

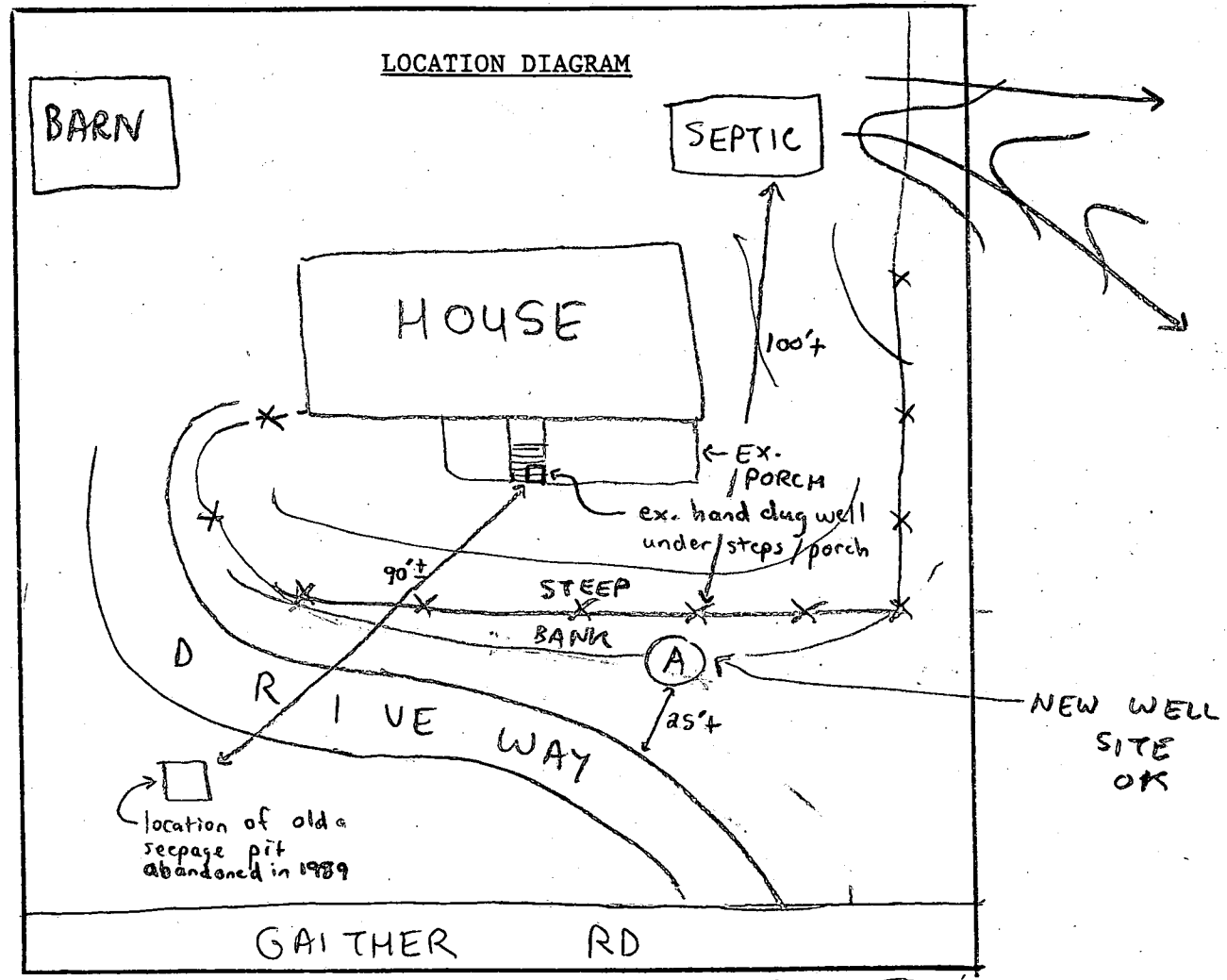
ADDRESS: 440 Gaither Road

NEW WELL TAG #: HO-94-3254

Sykesville, Md. 21784

COUNTY #: HOWARD

PROPOSAL: Replacement well - Ex. hand dug in unsanitary location & producing poor quality water - (i.e. muddy)



COMMENTS: 10/19/01 - OK TO DRILL IN LOCATION (A) - (SRK)/KCG  
Met with Mike Steer (Blue Mountain Water) Pump Installer & Driller  
from Chesapeake Geo Systems. Location chosen by Craig Williams in 1989 no longer  
accessible due to fence but close, flood plain should not be an issue. Old seepage pit abandoned in  
1989 should not be of concern either from a contamination issue.

DATE: 10/19/01

INSPECTOR: SRK/KCG

HAND DUG TO BE SEALED AT LATER DATE - (SRK)  
per Mrs. Abato, future BB pending

OKSRK

MARYLAND DEPARTMENT OF THE ENVIRONMENT, WATER MANAGEMENT ADMINISTRATION  
2500 BROENING HIGHWAY, BALTIMORE, MARYLAND 21224, (410) 631-3784

\*\*\*\*\*  
WATER WELL ABANDONMENT-SEALING REPORT FORM  
\*\*\*\*\*

SUBMIT COPIES OF COMPLETED FORM TO:

- \* COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if address needed)
- \* WELL OWNER
- \* MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: 5-6-03 (month/day/year)

\* PERMIT NUMBER OF ABANDONED WELL (if any) \_\_\_\_\_

\* PERMIT NUMBER OF REPLACEMENT WELL \_\_\_\_\_

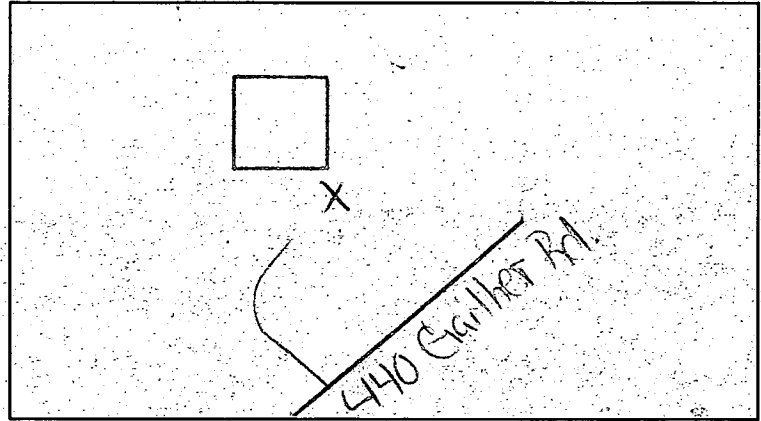
\* PERSON ABANDONING WELL: Bruce Walker

WELL DRILLERS LICENSE NUMBER: \_\_\_\_\_  
CIRCLE: MWD/MSD/MGD

\* OWNER'S NAME: John Abato

SITE LOCATION MAP

\* WELL LOCATION:  
 COUNTY: Carroll County  
 NEAREST TOWN: Sykesville  
 TAX MAP \_\_\_\_\_ BLOCK \_\_\_\_\_ PARCEL \_\_\_\_\_  
 SUBDIVISION: \_\_\_\_\_  
 SECTION: \_\_\_\_\_ LOT: \_\_\_\_\_  
 NEAREST ROAD: Gaither Rd  
440



\* TYPE OF WELL BEING ABANDONED:

- DRILLED  JETTED
- BORED/AUGERED  HAND DUG
- OTHER (specify) \_\_\_\_\_

\* USE CODE:

- DOMESTIC  MUNICIPAL/PUBLIC
- IRRIGATION  INDUSTRIAL
- TEST/OBSERVATION  GEOTHERMAL

\* TYPE OF CASING:

- STEEL  PLASTIC
- CONCRETE  OTHER (specify) stone

\* SIZE OF CASING: 4 INCHES IN DIAMETER

\* DEPTH OF WELL: 22 FEET DEEP

\* WAS ANY CASING REMOVED?  YES  NO  
if yes, length removed, in feet: \_\_\_\_\_

\* WAS CASING RIPPED OR PERFORATED?  YES  NO

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
Clean pea gravel	3	22
Cement	0	3

VOLUME OF MATERIAL USED

--

SIGNATURE - MASTER WELL DRILLER OR SUPERVISING SANITARIAN  
Michael W. [Signature]

336 LICENSE #

MWD/MSD/MGD CIRCLE ONE

5-6-03 DATE

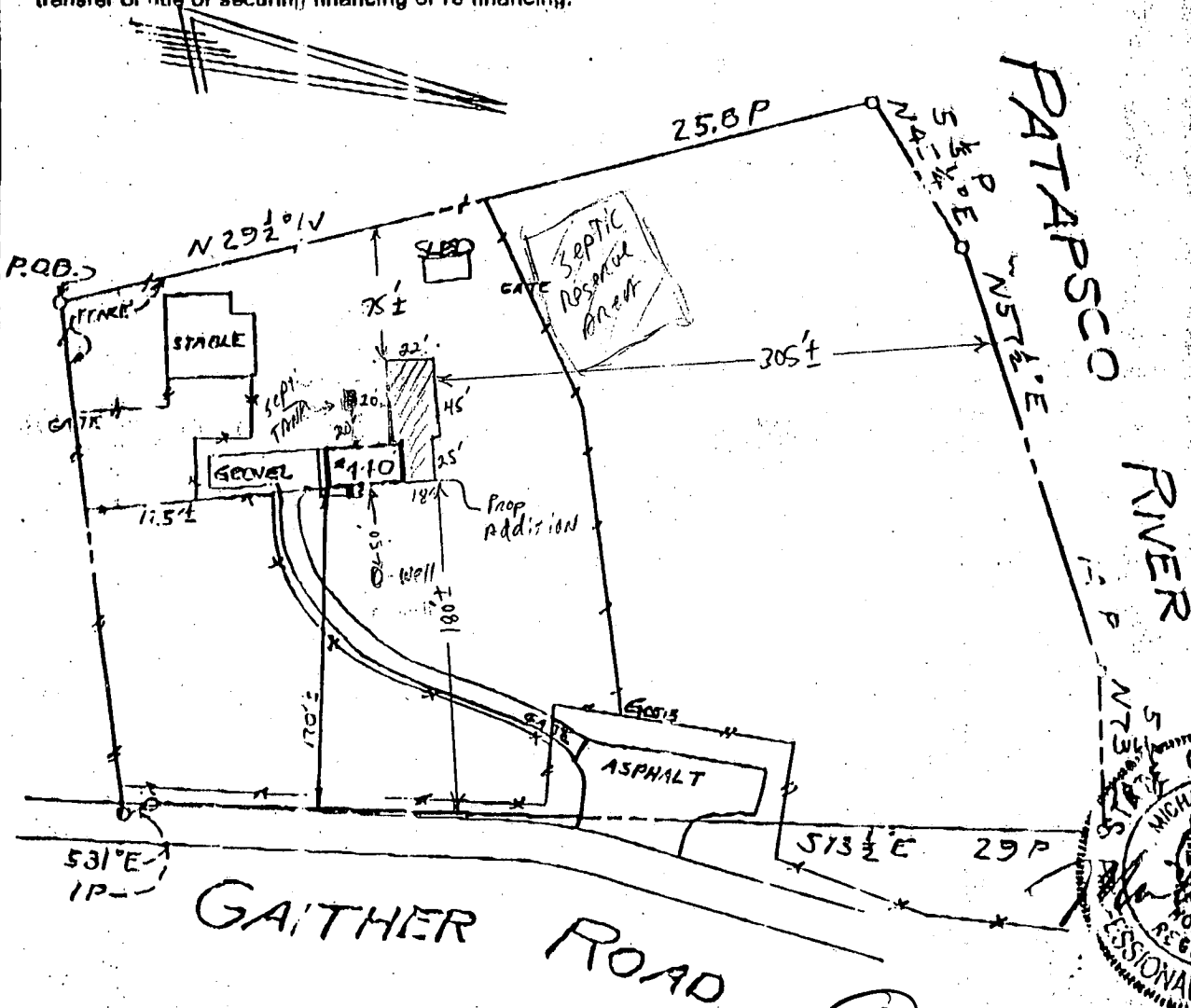


The plat is of benefit to a consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or re-financing. The plat is not to be relied upon for the establishment or location of fences, garages, buildings, or other existing or future improvements. The plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or securing financing or re-financing.

NOTE: 1/2 acre lot shown hereon does not lie within limits of the 100 year flood plain as shown on FIRM Panel No. 5  
Date of Map: 12-9-82  
Flood Zone: "C"

NOTE: No property corners found or set unless otherwise noted.

NOTE: The accuracy of this survey and the apparent setback distances is 1/5"



Abato Addition  
440 Gaither Road  
Sykesville, MD 21784

Coastal Builders, Inc  
410-461-9908

6/19/03 (SAB)  
No increase in the # of bedrons  
prior per notes indicate a  
shallow LPD may utilized  
in the future

800141380

LOCATION DRAWING  
RYCKERBUSCH PROPERTY  
LIBER 3561 FOLIO 148  
HOWARD COUNTY, MD.

**SURVEYOR'S CERTIFICATE**

I hereby certify that the property delineated hereon is in accordance with the Plat of Subdivision and/or deed of record, that the improvements were located by accepted field practices and include permanent visible structures and apparent encroachments, if any. This Plat is not for determining property lines or for construction of improvements, but prepared for exclusive use of present owners of property and also those who purchase, mortgage, or guarantee the title thereto, within six months from date hereof, and as to them I warrant the accuracy of this Plat.

*Michael J. Bazis*  
Michael J. Bazis, RPLS #10956

THIS SURVEY IS FOR TITLE PURPOSES ONLY

JOB # 88.2682 H	DATE 11-5-88
FIELD J.K.S.	DRAFT <i>CB</i>
RECERTIFIED 9-8-97	P.B. P#
	SCALE: 1" = 100'

**R.C. KELLY & ASSOCIATES, INC.**  
**ENGINEERS & SURVEYORS**  
10111 COLESVILLE ROAD, SUITE 133  
SILVER SPRING, MARYLAND 20901  
(301) 583-1005  
FAX: (301) 681-7216