

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

ELLICOTT CITY
DISTRICT 6th

06-403379
INDEXED

approved
1-16-85
C Williams

P 39792
A 33312

DATE 1/3/85

Jack Fyock IS PERMITTED TO INSTALL ALTER

ADDRESS 13775 Triadelphia Road, Glenelg, MD 21737 PHONE 988-9270

SUBDIVISION _____ ROAD 7861 Murray Hill LOT _____

PROPERTY OWNER Mary and Kingdon Gould (Tenant House)

ADDRESS _____

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4

2000
4
20

TRENCHES - 193 sq. ft. per bedroom with garbage disposal. TRENCH to be 3 ft. wide. Inlet 2 1/2 feet below original grade. Bottom maximum depth 4 feet below original grade. Effective area begins at 4 feet below original grade. 1 1/2 feet of stone below distribution pipe. NOTE: OK to make trench 4 feet wide to allow most effective use of disposal area. LOCATION: Place first trench along 340 ft. contour line starting approximately 390 feet from the front lot line and 550 feet from the right lot line as seen when facing the property from Murray Hill Road. NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Trenches to be installed on level ground. Call for inspection of trench before gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY Craig Williams DATE 9/21/84

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 THREE YEARS.

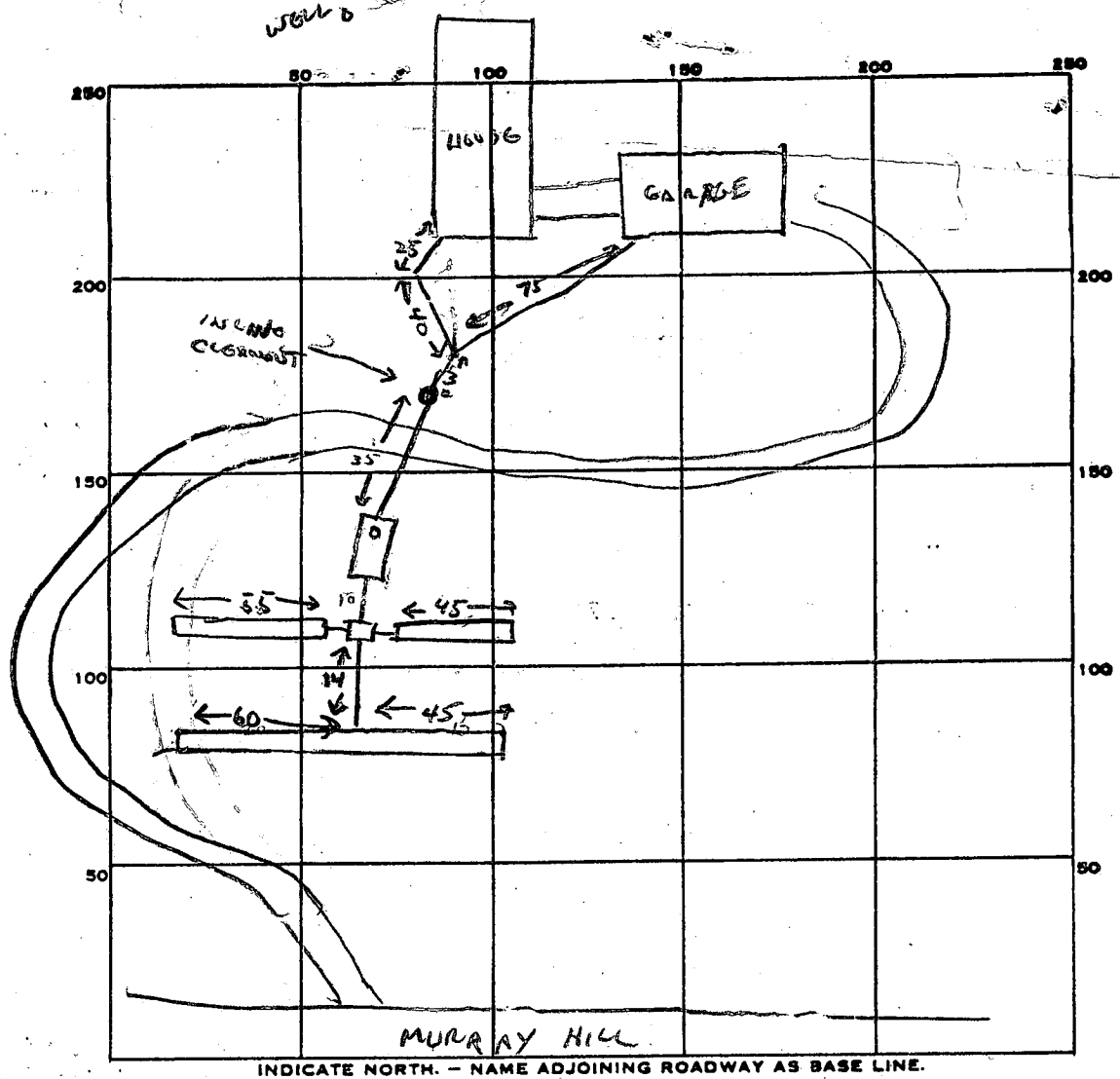
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA. OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A
33312



PERMIT CARD ✓

SEPTIC TANK, LEVEL ✓

CLEANOUTS STV ✓ INLINE ✓

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 4 FT. TRENCH WIDTH 4 FT.

GRAVEL DEPTH 1 1/2 FT IN. TOTAL LENGTH 205 FT.

NUMBER OF TRENCHES 3 (105+55+45) TOTAL BOTTOM AREA 820

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 820 SQ. FT.

REMARKS OK TO COVER, 1-16-85 CLR

DATE SYSTEM APPROVED 1-16-85

INSPECTOR Carlton

MARY + KINGDON GOULD

A 33312

SUBDIVISION: OVERLOOK FARM
MURRAY HILL RD.

LOT NUMBER: TENANT HOUSE

DRY WELL OR DRY WELL AND TRENCH

	Septic Tank	_____ sq. ft./bedroom
		<u>Minimum Total square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

WITH GARBAGE DISPOSAL TRENCH:

2000 GAC TANK

158 sq. ft./bedroom

AND 193 SQ FT / BEDROOM

*NOTE: Trench to be 3 wide.

Inlet 2 1/2 feet below original grade.

Bottom maximum depth 4 feet below original grade.

Effective area begins at 4 feet below original grade.

1 1/2 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: PLACE FIRST TRENCH ALONG 340' CONTOUR LINE

STARTING APPROXIMATELY 390 FEET FROM THE FRONT LOT LINE

AND 550 FEET FROM THE RIGHT LOT LINE AS SEEN WHEN

FACING THE PROPERTY FROM MURRAY HILL RD.

9/21/84 Craig Whelan

YES - H. Bedanz

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

A 27312

P _____

DISTRICT 6th

DATE 11/17/82

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER MARY AND KINGDON GOULD
ADDRESS "OVERLOOK FARM" MURRAY HILL RD LAUREL MD. 20707 PHONE 953-7259

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION ± 2400' NORTH OF INTERSECTION WITH GORMAN RD. ON MURRAY Hill RD. 7861 Murray Hill Rd.

SIZE OF LOT ± 74 ac. TYPE BLDG. TENANT HOUSE 4 BRS.
(NUMBER OF BEDROOMS)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

[Signature]
(SIGNATURE OF APPLICANT)

APPROVED BY C. Williams FOR SHALLOW SYSTEM DATE 4/18/84

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS C. Williams DATE 4/12/84

REASONS FOR REJECTION OR HOLDING 15,000 SQ FT TEST - HOLD FOR PLAT SHOWING WHICH

SEGMENT OWNER WISHES TO BE DESIGNATED AS PERMANENT EASEMENT. CW

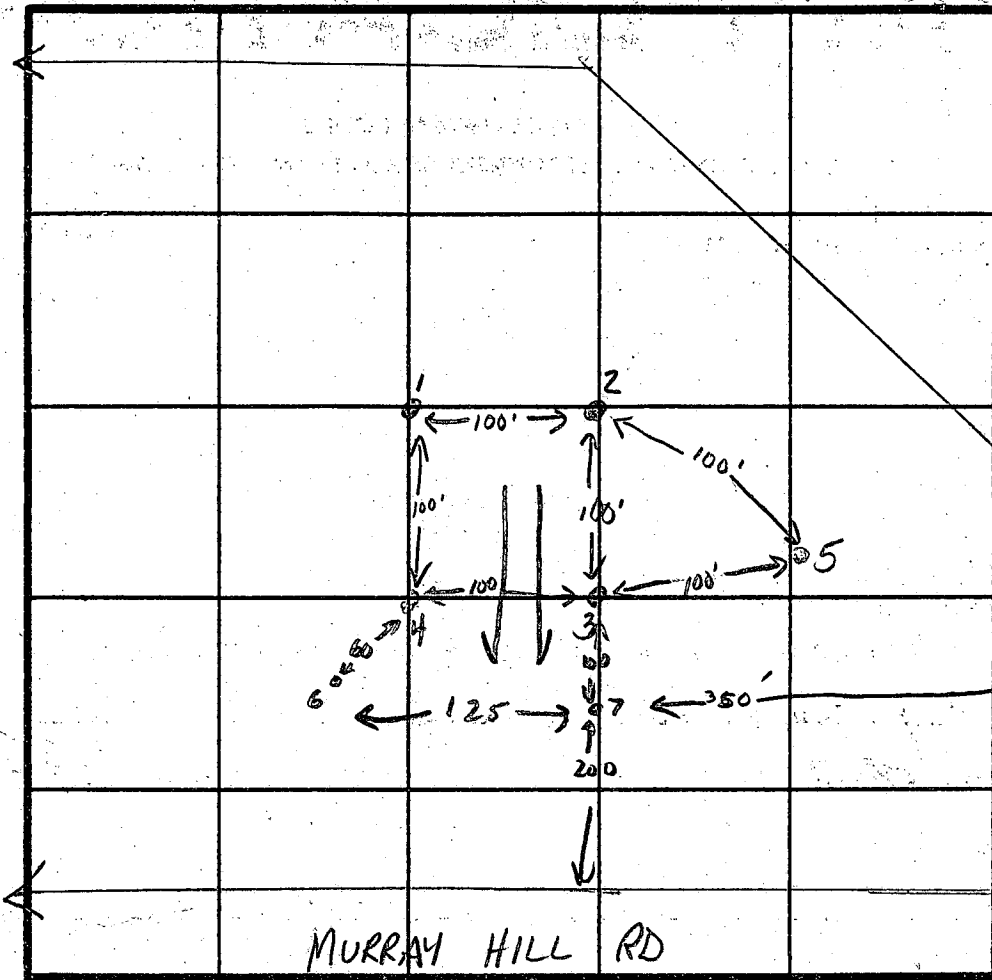
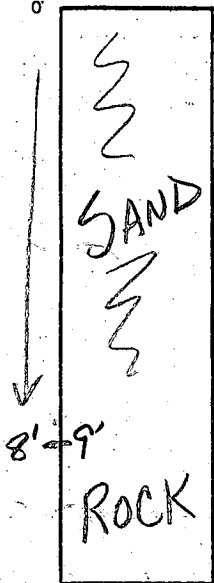
IBLDG. PERMIT SIGNED
AND RETURNED [Signature]
Serial #60259
Tenant House

THIS IS NOT A PERMIT

4 Bed -

ALL HOLES

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/12/84	1	2'	10:15	10:18	10:18	10:21	3 min
"	"	Rock at 8' - SAND ABOVE 8'					
"	2	2' 6'	10:14 10:14	10:20 10:15	10:20 10:15	10:30 10:17	10 MIN 2 MIN
"	"	Sand to 8' - Then Rock					
"	3	2' 6'	10:32 10:27	10:33 10:29	10:33 10:29	10:35 10:31	2 MIN 2 MIN
"	"	Sand, Rock at 8'					
"	4	2' 6'	10:33 10:33	10:38 10:44	10:38 10:44	10:44 11:00	6 MIN 16 MIN
"	"	Sand to 9' - Then Rock					
"	5	3'	11:04	11:07	11:07	11:10	3 min
"	"	SAND LOAM TO 5' - THEN SAND TO 9'					

REMARKS " 6,7 SAND LOAM TO 9' THEN ROCK (2-5 MIN SOIL IF TESTED)

TYPE OF SOIL TESTED LARGER AREA TO ALLOW PLAN ADJUSTMENT TO FACILITY BASEMENT FOOTINGS

TESTED BY CWILDRAN M. EPPEL ALSO PRESENT RALES GOULD

REFER TO PLAN TO WRITE SPECS.

EH 12-1079

APPLICATION

4/12/84
9:30 A.M.

A 33312

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 6th

DATE 11/17/83

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER MARY AND KINEDON GOULD

ADDRESS "OVERLOOK FARM" MURRAY HILL RD LAUREL MD. 20707 PHONE 953-7259

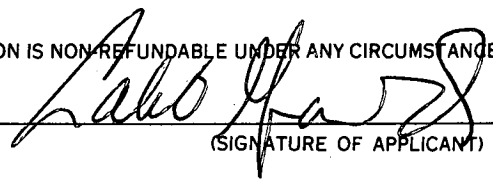
PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION ± 2400' NORTH OF INTERSECTION WITH GORMAN RD. ON MURRAY Hill RD.

SIZE OF LOT ± 74 AC. TYPE BLDG. TENANT HOUSE 4 BR'S.
(NUMBER OF BEDROOMS)

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(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

SOIL PROFILE

0

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT: _____

EH-12-1079

B 1 1430 SEQUENCE NO. (OEP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND PERMIT TO DRILL WELL
please print or type

OEP PERMIT NUMBER
HO-81-0624
fill in this form completely

Date Received 1/3/84
OWNER INFORMATION
GOULD CALEB
MURRAY HILL RD
LADREL MO20707

LOCATION OF WELL
HOWARD
OVERLOOK FARM
SECTION 44 LOT 48
SUILFORD
MILES FROM TOWN 3 MI

DRILLER INFORMATION
Raph Mayne
RAPH MAYNE (well DRILLING)
9120 Brown Church Rd. Mt. Airy
Raph Mayne 6/25/84

MURRY HILL RD.
ON WHICH SIDE OF ROAD
DISTANCE FROM ROAD 300 FT
ENTER FT or MI 7

WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.) 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)
D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

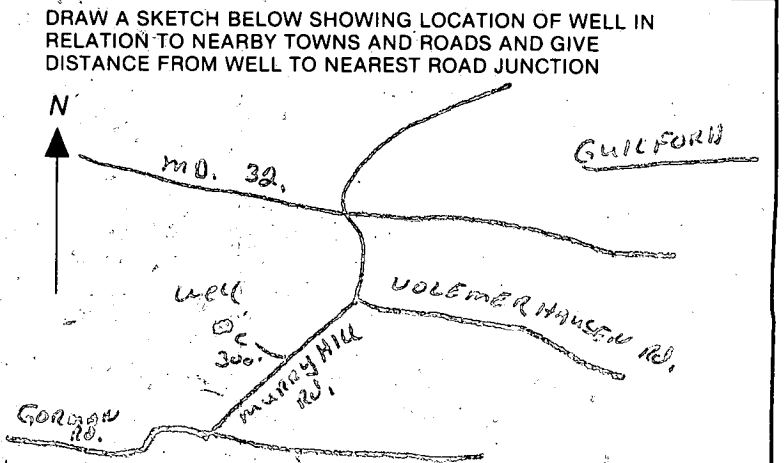
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
HOWARD A33312
COUNTY NAME COUNTY NO.
OEP SIGNATURE STATE HEALTH INSERT S
DATE ISSUED 07/09/84 Frank Shuman 1/9/85
CO SIGNATURE EXP. DATE
NORTH GRID 481000 EAST GRID 0840000

APPROXIMATE DEPTH OF WELL 150 FEET
APPROXIMATE DIAMETER OF WELL 6 INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
1. well
Tape given to Raph fr on site
WRITE THE BOX NUMBER FROM THE MAP HERE
Location OK
27' casing
24" open
6" deep cement
7/13/84

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
D THIS WELL WILL DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)



Not to be filled in by driller (OEP USE ONLY)
APPROP. PERMIT NUMBER GAP
FORCE INITIALS PERMIT No. HO-81-0624

SPECIAL CONDITIONS

WPI - 1-16-85

PITLESS ADAPTER + SUPPLY LINE
INSTALL 6' BELOW EXISTING GRADG.

PRESSURE TANK NOT YET INSTALLED.

C. Wilton

C1 2907 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

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

COUNTY NUMBER A33312

DATE RECEIVED DATE WELL COMPLETED

DEPTH OF WELL 220 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-81-0624

OWNER Gould Caleb STREET OR RFD MURRAY HILL RD. TOWN Guilford SUBDIVISION Overlook Farm SECTION LOT

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 5 METHOD USED TO MEASURE PUMPING RATE Bucket

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include Top Soil, Sandy, Sand Stone, Micka, Sand Stone, Micka.

NO. OF BAGS 6 NO. OF POUNDS 600 GALLONS OF WATER 36 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 25 ft.

WATER LEVEL (distance from land surface) BEFORE PUMPING 21 WHEN PUMPING 25 TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

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

PUMP INSTALLED DRILLER WILL INSTALL PUMP YES (NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) above below LAND SURFACE (nearest foot)

MAIN CASING Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot) PL 6 27

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.) HO 25 260

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

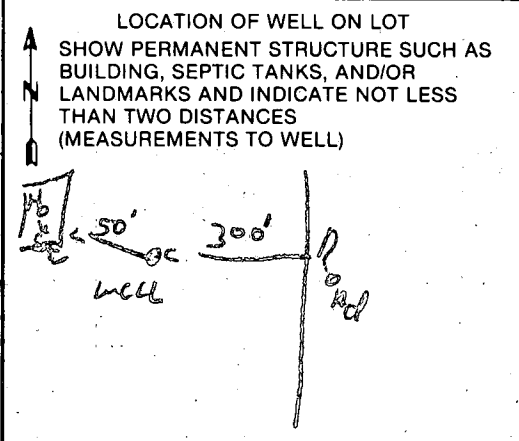
SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "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.

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

DRILLERS IDENT. NO. 273 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) Ralph E. Mayne SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ TELESCOPE CASING LOG INDICATOR OTHER DATA



Date July 13, 1984

Review 1/28/85 OR.F.S.

FIELD DATA SHEET
HYDROGEOLOGIC AREA (3) WELL YIELD TEST

Maryland Well Permit No. HO-81-~~10001~~ 0624 Election District _____

Location of Property (road) off Murry Hill Rd. and Gorman Rd.

Subdivision Murry Hill Farms Lot _____ Block _____ Plat _____ Sec. _____

Well Driller Ralph Maywe Owner Gould

Depth of Well 260
Distance of Measuring Point (M.P.) above ground 2^{ft}
Static Water Level (S.W.L.) below M.P. 21^{ft}

I. High Rate Pumping -- reservoir drawdown

Time pump started 9:00 Pumping rate 106 GPM
Total time 30 min to reach pumping water level 75 ft. below M.P.

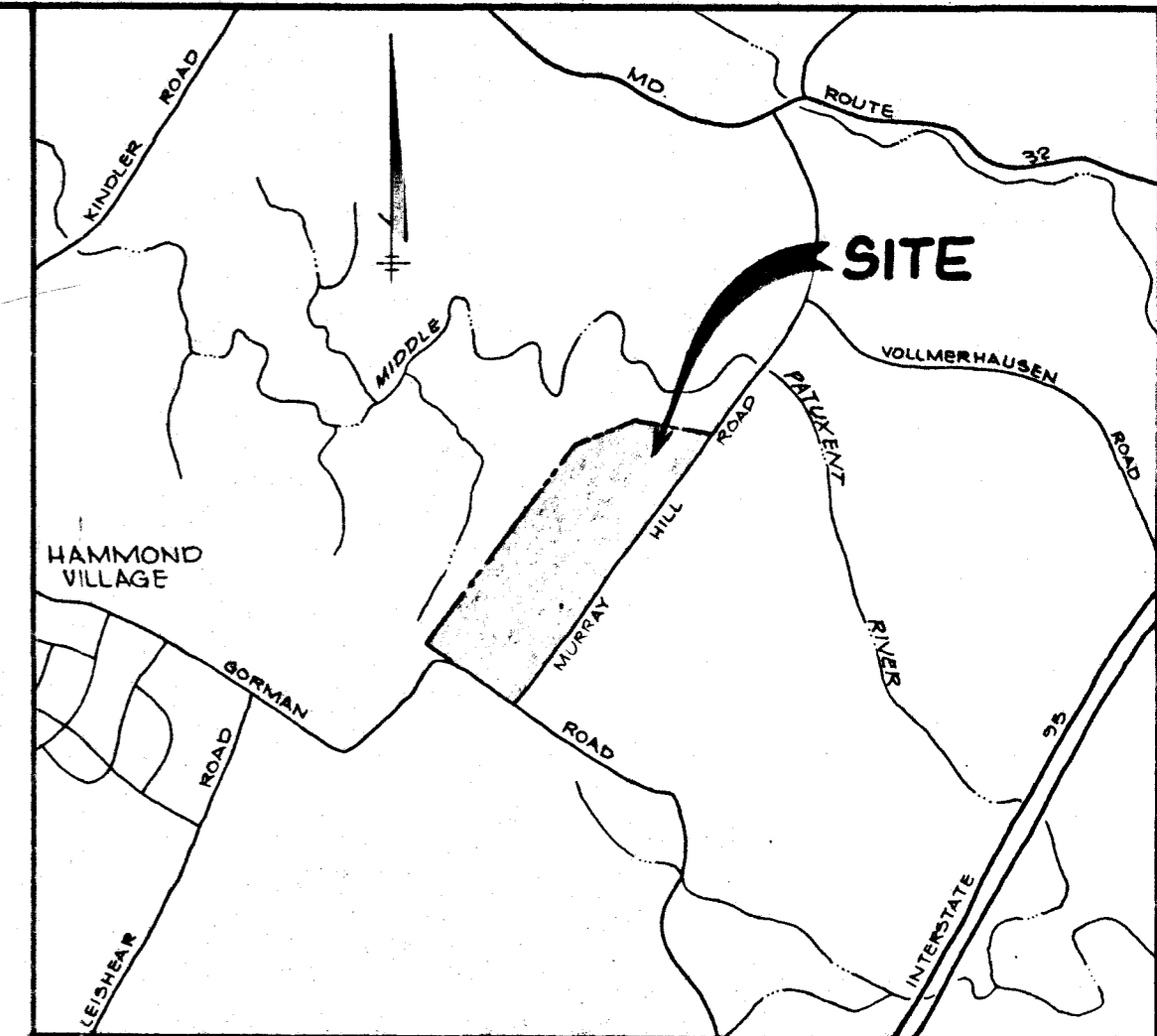
II. Recovery pump test data - observations to be recorded every 15 minutes.

TIME	WATER LEVEL Below M.P.	PUMPING RATE Time to fill <u>I</u> gal. bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per min.)
9:30	75 ^{ft}	12 Sec	X	5 GPM
9:45	75 ^{ft}	12 Sec		5 GPM
10:00	75 ^{ft}	12 Sec		5 GPM
10:15	75 ^{ft}	12 Sec		5 GPM
10:30	75 ^{ft}	12 Sec		5 GPM
10:45	75 ^{ft}	12 Sec		5 GPM
11:00	75 ^{ft}	12 Sec		5 GPM
11:15	75 ^{ft}	12 Sec		5 GPM
11:30	75 ^{ft}	12 Sec		5 GPM
11:45	75 ^{ft}	12 Sec		5 GPM
12:00	75 ^{ft}	12 Sec		5 GPM
12:15	75 ^{ft}	12 Sec		5 GPM
12:30	75 ^{ft}	12 Sec		5 GPM

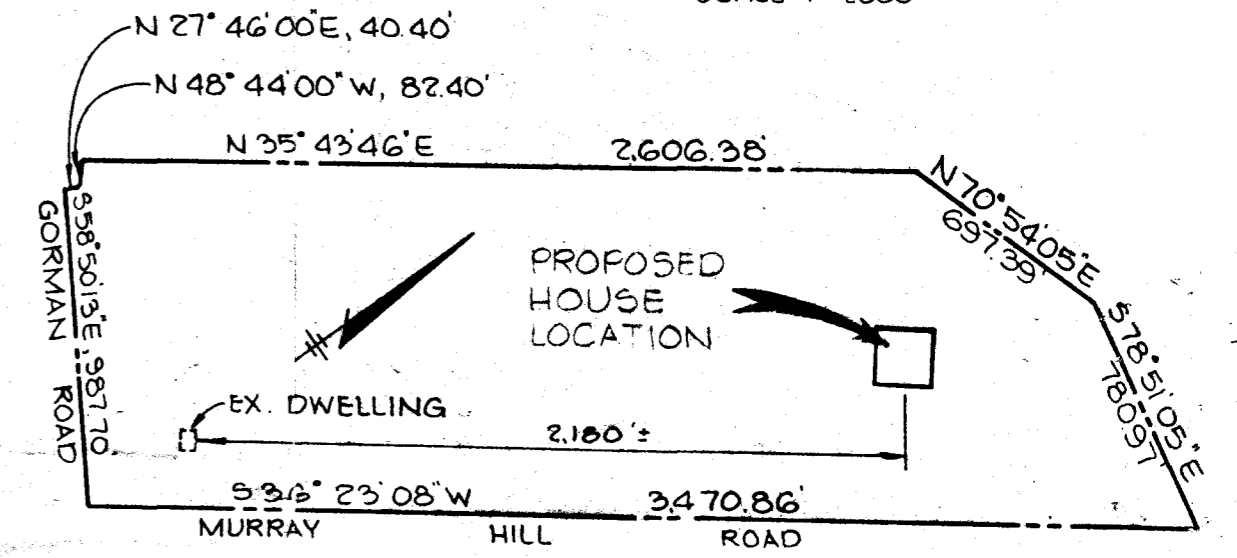
[Handwritten scribbles and marks]

SUSQUEHANNA TRANSMISSION COMPANY
 PARCEL A
 144/243

HOWARD COUNTY COMMISSIONERS



VICINITY MAP
 SCALE: 1"=2000'



PROPERTY BOUNDARY
 SCALE: 1"=200'

F.F. 348
 BASEMENT 340

ELEVATION AT TIME OF PERC 344
 INLET TO TRENCH 341

MURRAY HILL ROAD

THE GORMAN FARM
PLOT PLAN

MARY AND KINGDON GOULD
 "OVERLOOK FARM" MURRAY HILL ROAD
 LAUREL, MARYLAND 20202

TAX MAP NO. 42 ZONED R-20
 6TH ELECTION DISTRICT
 HOWARD COUNTY MARYLAND
 SCALE 1"=100'

DATE: 11-16-83
 SHEET 1 OF 1

13-11-83
 8-11-83
 8-11-83
 8-11-83