

8/28/89 Fortna's Inspection  
2:30 - 3:00  
No post-yet - just excavation appears of  
OK to continue C.B.C. see below

# PERMIT

P 44902

SEWAGE DISPOSAL SYSTEM

A 31535

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 4th

HOWARD COUNTY

DATE 8/25/89

BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

INDEXED

DATE SYSTEM APPROVED 6/29/90

6/27/90 ASAP

04-343484

INSPECTOR BDA

Herman Sirk

IS PERMITTED TO INSTALL  ALTER

ADDRESS 2555 Jennings Chapel Road, Woodbine, Maryland PHONE 489-4724

SUBDIVISION Florence Estates ROAD 1920 Log House Ct LOT 9

PROPERTY OWNER John S. Snapp

ADDRESS \_\_\_\_\_

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

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

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 3

8/28/89 P.M.

TRENCHES - 366 sq. ft. per bedroom with garbage disposal. Trench to be 3 feet wide.

Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

[Under 3' to 4'] Effective area subjective as 4' below original grade C.B.C.

LOCATION - As seen from road, Log House Court, Start first trench 140 feet from right property line and 80 feet from front property line. Run trenches on contour toward left rear part of lot.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK/CW

8/28/89 site inspection found ok to continue.

PLANS APPROVED BY C. Williams

REVISED \_\_\_\_\_ DATE 8/24/89

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

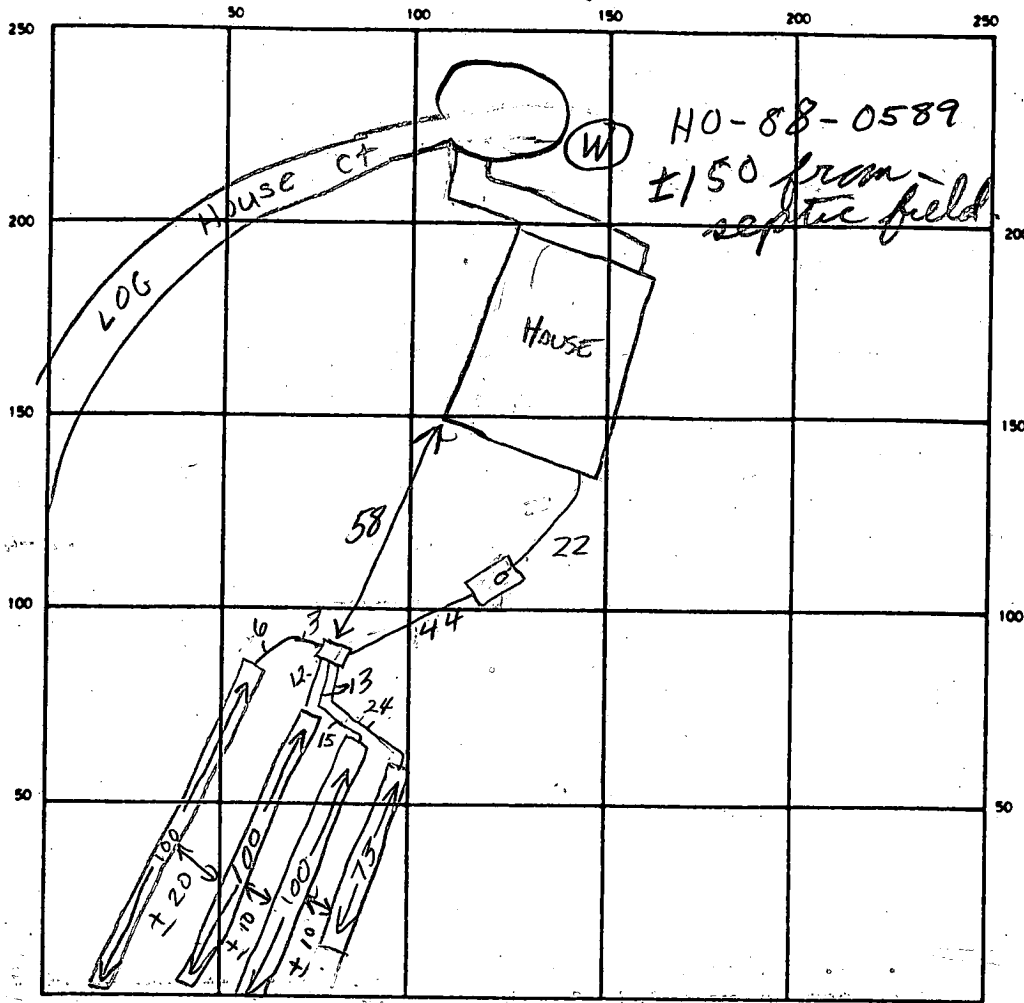
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

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

A 31535



73  
 219  
 900  
 1119  
 11  
 366  
 x3  
 1098

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL ✓ 1500 gal OK CLEANOUTS on tank OK

DISTRIBUTION BOX LEVEL OK w/ baffle

DRAIN FIELD/TILE FIELD DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 100, 100, 100, 73 FT

NUMBER OF TRENCHES 4 ONE-SIDEWALL/BOTTOM AREA 300, 300, 300, 219 SQ FT.

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

ABSORBENT AREA 1119 SQ FT.

REMARKS 6-27-90 S.T. in place & one trench in to specs, OK to cover. BDA  
6-29-90 Trenches 2, 3 & 4 OK to cover. D.B and lines OK, cover system. BDA

DATE SYSTEM APPROVED 6/29/90 INSPECTOR Barry D. Adams

PRELIMINARY

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 31535

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT 4th

DATE 8/4/81

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 Hubert E. Snapp, Inc. John S. Snapp

ADDRESS 25641 Ridge Road, Damascus, Maryland 20750 PHONE 301-253-4248  
27110 Perduem Rd., Damascus, Md. 20872

PROPERTY LOCATION:

SUBDIVISION Florence Estates LOT NO. 9

ROAD AND DESCRIPTION Florence Road 1920 Log House Ct  
Mt. Airy, Md.

SIZE OF LOT 3 acres more or less TYPE BLDG. 3 or 4 bedrooms  
(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. /s/ Hubert E. Snapp  
(SIGNATURE OF APPLICANT)

APPROVED BY Sid Abel FOR Deputy DATE 6-21-81

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

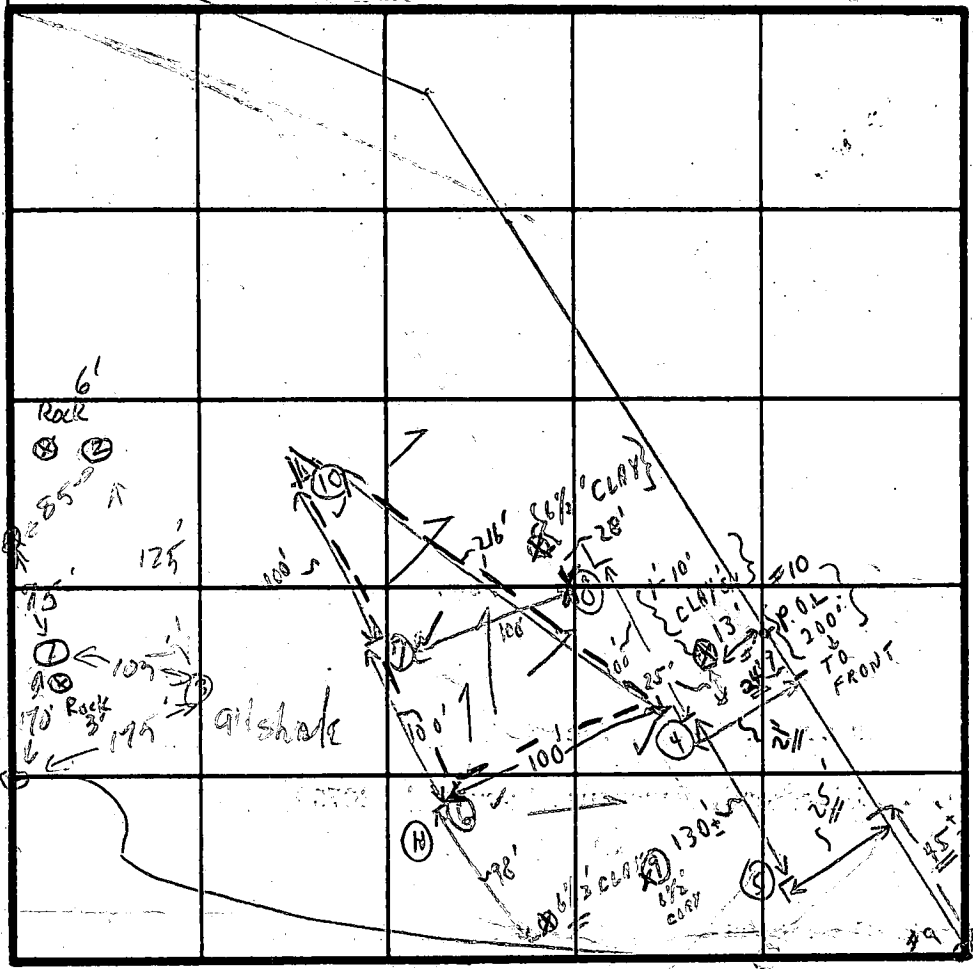
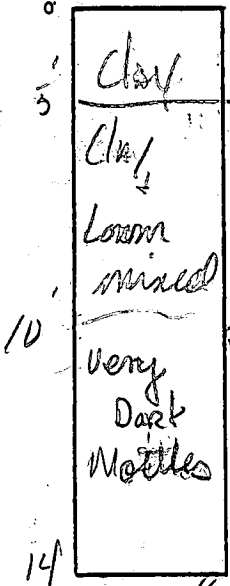
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT

#9  
Pg 1 of 2

SOIL PROFILE



96  
96  
24  
216

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

FIELD Test Log

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/16/81	1 s	3 1/2'	11:49	11:56	11:50	12:08	12
	1 m	7 1/2'	11:48	11:59	11:59	7:44	3/4"
	2 d						
	3						
	3	all shale					
9/23/81	4 s	3 1/2'	1:04	1:10	1:10	1:18	8m
	4 d	8' p.	1:04	1:20	1:20	1:45	25m
	5 s	3 1/2'	1:13	1:23	1:23	1:54	3/4" X
	5 d	8' p.	1:13	1:23	1:23	1:44	21m
	6 s	4' p.	1:36	1:40	1:40	2:09	27m
	6 d	8' p.	1:36	1:46	1:46	2:04	18m
	7 s	4 1/2'	2:12	2:18	2:18	2:42	24m
	7 d	8 1/2' p.	2:54	3:07	3:07	3:26	19m
	8	5 1/2' p.	2:22	2:25	2:25	2:53	11m

20 min avg inlet 4'

1'-3" CLAY  
3" WEATHERED SHALE 12'  
1" - 7" CLAY  
LOAM & WEATHERED SHALE 12 1/2'  
1'-4" CLAY  
WEATHERED SHALE & LOAM  
DUG TO 13'  
1'-4" CLAY  
4 1/2" - 13 1/2"  
LOAM & WEATHERED SHALE

REMARKS: TESTS IN OPEN FIELD  
TYPE OF SOIL

TESTED BY SK 9/16/81 ALSO PRESENT SIRK

C.B.D. 9/23/81 Tests in different area

EH-12-1079

26  
24

PRELIMINARY

# APPLICATION

A 3/535

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473, ELLICOTT CITY, MARYLAND 21043  
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DATE 8/4/81

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SIZE OF LOT 3 acres more or less TYPE BLDG. 3 or 4 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 for house sites; water well sites;  
4/7 certified holes.  
C.B.D.

# 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		
	9		CLAY	TO 6 1/2'				
					OUT OF CONFIGURATION			
9/23/01	10 s	4 1/2'	3:18	3:22	3:22	3:29	7 min	
	✓ 10 o	8 1/2'	3:37	3:40	3:40	3:50	10 min	

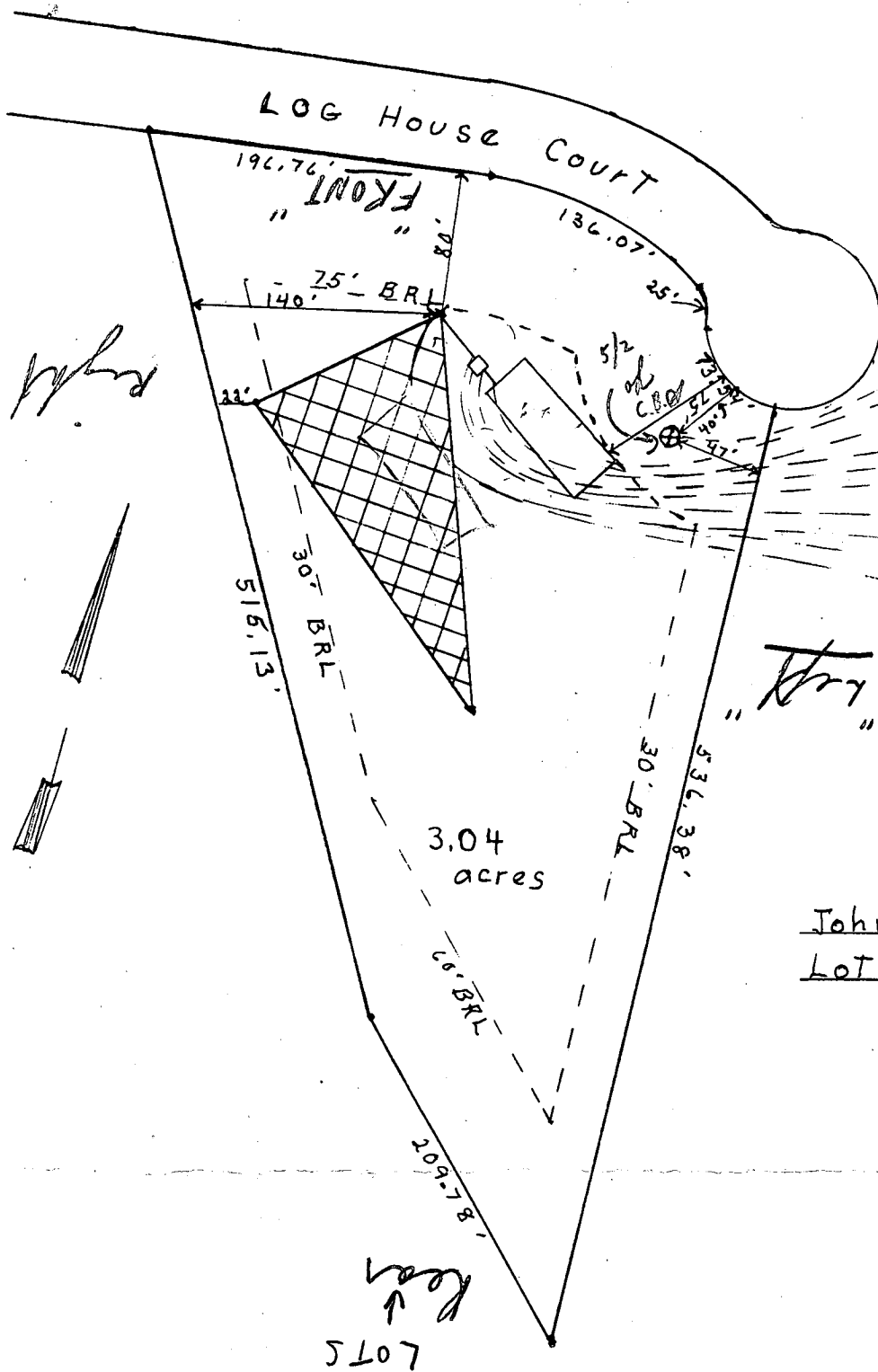
1-4 1/2' CLAY  
4 1/2' WEATHERED  
SAMPLE  
+ LOAM TO 8 1/2'  
8 1/2' -  
weathered  
shale  
TO SHALE @ 12'

EH-12-1079

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

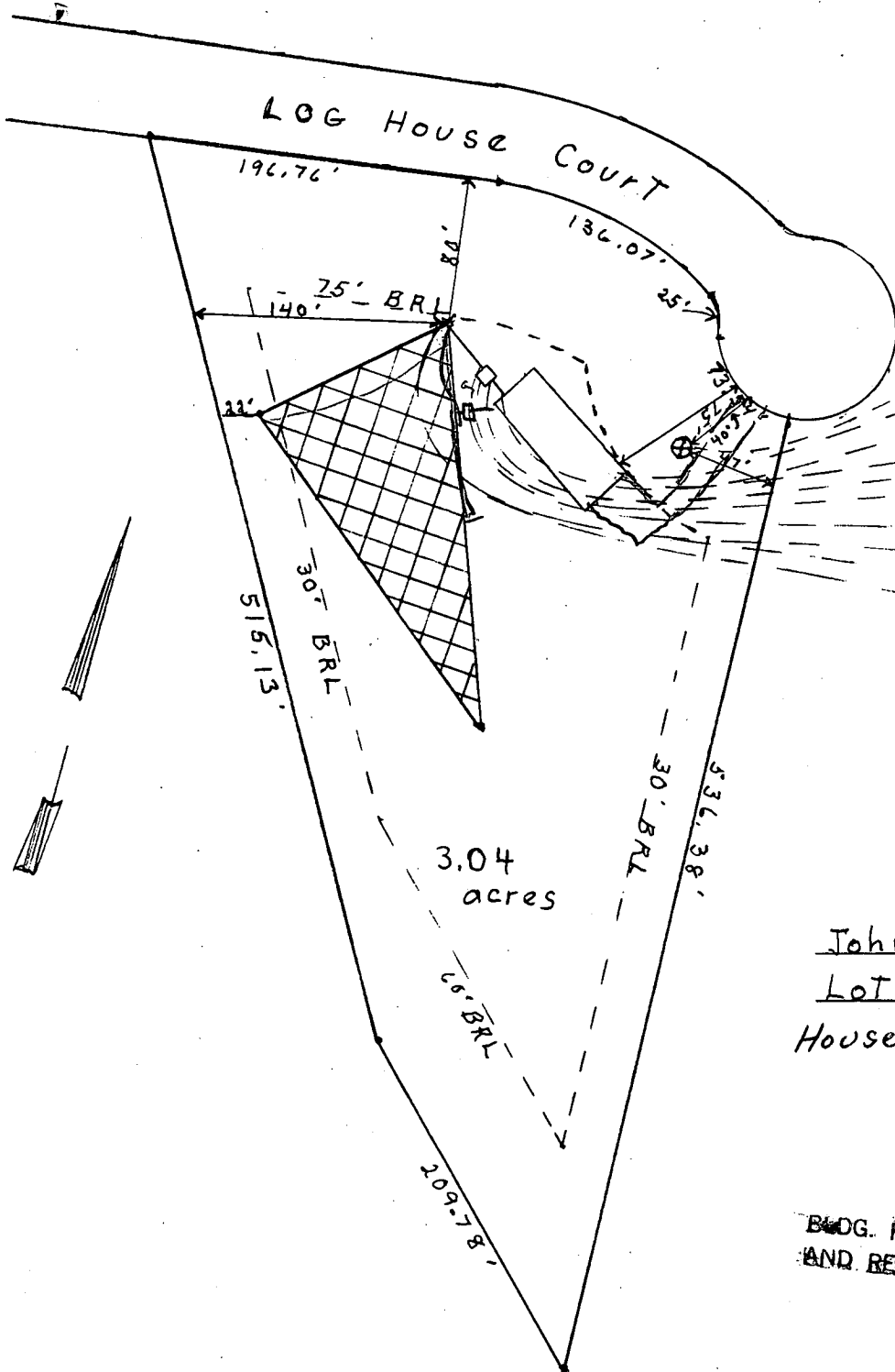
TESTED BY C.R. ALSO PRESENT \_\_\_\_\_



- Eler. at Well - 671'
- First Floor Eler. - 673'
- Base Floor Eler. - 662'
- Invert. Eler. at house - 661.5'
- Invert. Eler. at Tank - 661'
- Existing Eler. at Tank - 663'
- Invert. Eler. from Tank - 660.7'
- Eler. at Time of Test - 663'
- Existing Eler. - 663'
- Drywell Inlet Eler. - 660'

John + Sharon Snapp  
Lot # 9 of Florene Estates

Left  
 ↓  
 LOT 5



- Elev. at Well - 671.6 ✓
- First Floor Elev. - 673.1 ✓
- Base Floor Elev. - 662.1 ✓
- Invert. Elev. at house - 661.5 ✓ + BSMT
- Invert. Elev. at Tank - 661.1 ✓
- Existing Elev. at tank - 663.1 ✓
- Invert. Elev. from Tank - 660.7 ✓
- Elev. at time of Test - 663.1 ✓
- Existing Elev. - 663.1 ✓
- Driveway Inlet Elev. - 660.1 ✓
- TRENCH - 1' Shallow ✓

John + Sharon Snapp  
 Lot # 9 of Florene Estates  
 House# 1920 Log House CT.

BUDG. PERMIT SIGNED  
 AND RETURNED 27229

3BR  
 7/20/89 CW  
 INSPECTOR REG'D  
 AT FOOTING STAGE.  
 FOR BASEMENT SERVICE.

1 2 3 6  
 2380 SEQUENCE NO. (DENV USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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

THIS REPORT MUST BE SUBMITTED WITHIN  
 45 DAYS AFTER WELL IS COMPLETED.  
 COUNTY NUMBER **A 31535**

DATE RECEIVED  
 8 7 13

DATE WELL COMPLETED  
 15 20  
**052289**

DEPTH OF WELL  
 22 26  
**140**  
 (TO NEAREST FOOT)

PERMIT NO.  
 FROM "PERMIT TO DRILL WELL"  
**40-88-0589**  
 28 29 30 31 32 33 34 35 36 37

OWNER **SNAPP AUBERT F. INC.**  
 STREET OR RFD. last name **LOG HOUSE ROAD** first name TOWN **MT. AIRY**  
 SUBDIVISION **FLORENCE ESTATES** SECTION **-** LOT **9**

**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		Check if water bearing
	FROM	TO	
Top Soil	0	2	
B <sub>1</sub> Shale	2	9	
Tan slate	9	40	
B <sub>1</sub> slate	40	42	✓
Tan slate	42	60	
B <sub>1</sub> slate	60	62	✓
Tan slate	62	79	
B <sub>1</sub> slate	79	80	✓
Tan slate	80	85	
B <sub>1</sub> slate	85	140	

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle appropriate box) **Y** **N**  
 TYPE OF GROUTING MATERIAL  
 CEMENT **CM** BENTONITE CLAY **BC**  
 NO. OF BAGS **5** NO. OF POUNDS **500**  
 GALLONS OF WATER **25**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **18** 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  
 Nominal diameter top (main) casing (nearest inch)  
 Total depth of main casing (nearest foot)  
**57** **6** **21**

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

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

**C 2**  
 DEPTH (nearest ft.)  
 1 **40** **19** **190**  
 8 9 11 15 17 21  
 23 24 26 30 32 36  
 38 39 41 45 47 51  
 SLOT SIZE 1 2 3  
 DIAMETER OF SCREEN (NEAREST INCH)  
 56 60

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 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.

DRILLERS IDENT. NO. **40**  
 DRILLERS SIGNATURE  
 (MUST MATCH SIGNATURE ON APPLICATION)  
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)  
 T (E.R.O.S.) WQ  
 70 72 74 75 76  
 TELESCOPE CASING LOG INDICATOR OTHER DATA

**C 3**  
**PUMPING TEST**  
 HOURS PUMPED (nearest hour) **3**  
 PUMPING RATE (gal. per min. to nearest gal.) **10**  
 METHOD USED TO MEASURE PUMPING RATE **Direct**  
 WATER LEVEL (distance from land surface) BEFORE PUMPING **29**  
 WHEN PUMPING **19**  
 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 WILL INSTALL PUMP YES **NO**  
 (CIRCLE) (YES or 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: **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 (nearest foot)  
 (-) below }

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)

B 1 9101 SEQUENCE NO. (DP USE ONLY) (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

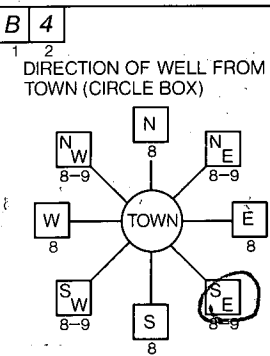
STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER H0-88-0589 fill in this form completely

OWNER INFORMATION Date Received (APA) 042889 OWNER SMAPP HUBERT E. IMC 2120 CABIN BRANCH CT MT AIRY MD 21771

LOCATION OF WELL R-44123 HOWARD COUNTY FLORENCE ESTATES SECTION 44 LOT 9 MT AIRY MILES FROM TOWN 3 MI

DRILLER INFORMATION George F. Easterday L. Franklin Easterday, Inc. 9265 Brown Church Rd., Mt. Airy, Md. 21771



LOG HOUSE CT NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD 05 FT

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD COUNTY NAME A31535 COUNTY NO. STATE SIGNATURE DATE ISSUED 050289 x Craig W. ... EXP. DATE 11/02/89

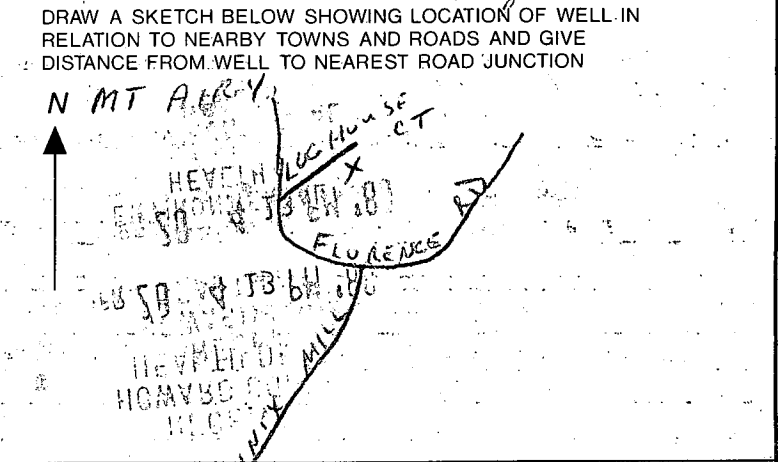
USE FOR WATER (CIRCLE APPROPRIATE BOX) HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) FARMING INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER PUBLIC OR PRIVATE WATER COMPANY TEST, OBSERVATION, MONITORING

APPROXIMATE DEPTH OF WELL 200 FEET APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST TOWN

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

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 THIS WELL WILL DEEPEN AN EXISTING WELL



Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER FORCE CV PERMIT No. H0-88-0589

SPECIAL CONDITIONS COUNTY

