

225100  
ADAP  
3/16/00  
12.00  
3/20/1990

# PERMIT

SEWAGE DISPOSAL SYSTEM

TAX# 05405440 P 512776

A 37039

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT \_\_\_\_\_

DATE 10/21/1999

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 3/21/00

INSPECTOR CW

**INDEXED**

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_

ADDRESS 580 Obrecht Road, Sykesville, MD 21784 PHONE 410-795-5670

SUBDIVISION The Chase LOT 42 ROAD 11616 Log Jump Trail

PROPERTY OWNER Richard Brauner

ADDRESS - PLUMBING SET TOO LOW FOR GRAVITY SERVICE 3/8/2000 CW

SEPTIC TANK CAPACITY 1250 GALLONS \* PER PLAN REVISION APPROVED 3/14/2000 (COPY ATTACHED)

NUMBER OF BEDROOMS 4 **CONVERT TO PUMPED SEPTIC SYSTEM BY RELOCATING**

180 SQUARE FEET PER BEDROOM \*\* TRENCH LAYOUT INSPECTION FOR EQUAL DISTRIBUTION REQUESTED PRIOR TO INSTALLATION

LINEAR FEET OF TRENCH REQUIRED 240 **TRENCH LOCATIONS DIFFERENT & SHALLOWER THAN SPECIFIED HERE** CW

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Place the distribution box 180 feet from the back lot line and 115 feet from the left lot line as seen when facing the lot from Log Jump Trail. Run trenches on contour toward left side of property.

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

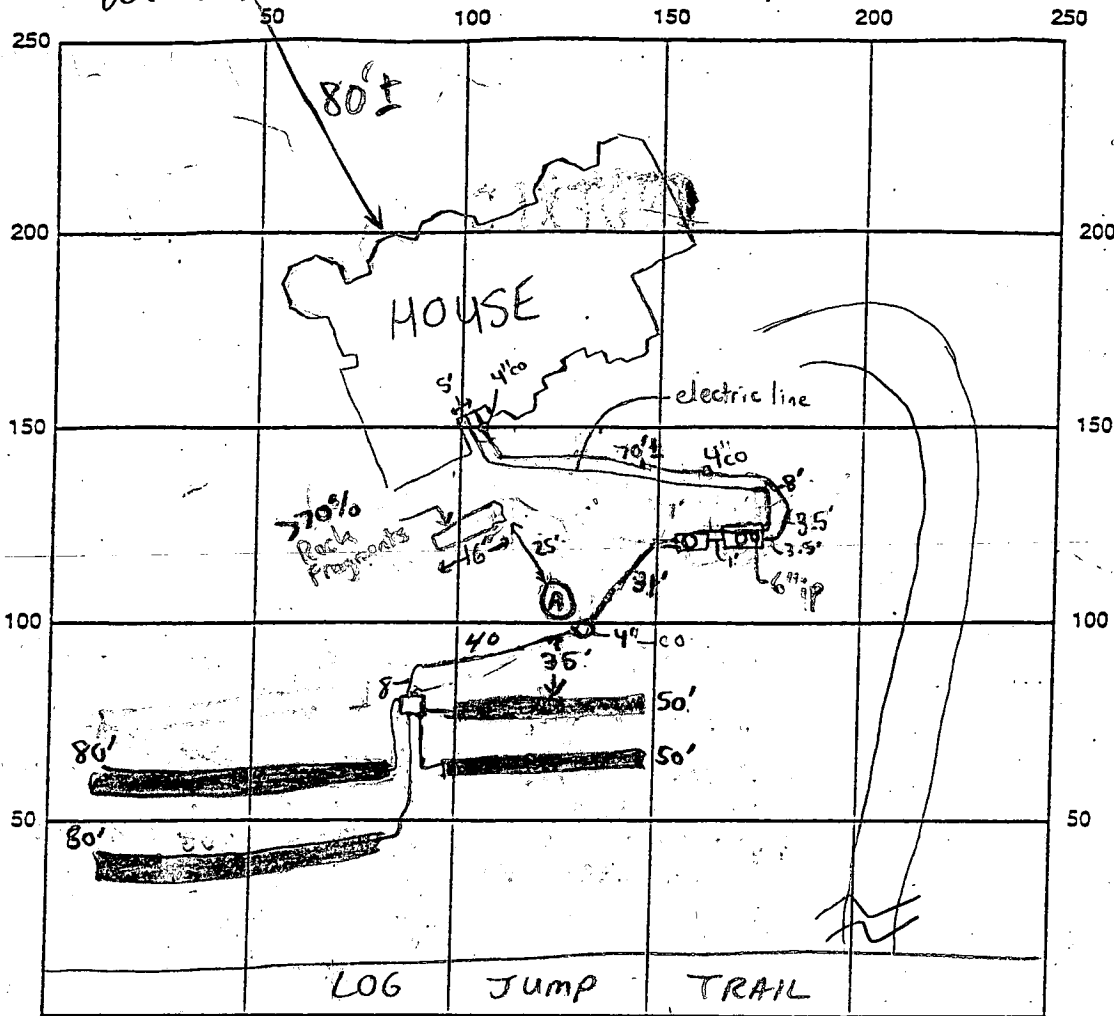
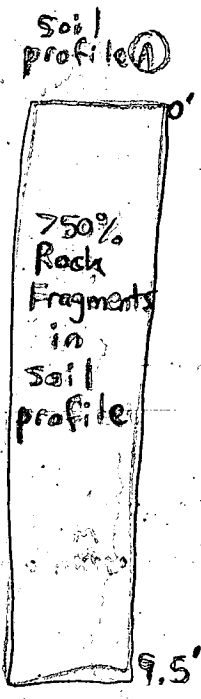
**\*\*\* FINAL ADJUSTMENT - EXCESS ROCK AT ALL HIGHER ELEVATIONS, INSTALLED SYSTEM HAS 2 TANKS IN SERIES BY GRAVITY SERVICE. NO PUMPING INVOLVED 3/20/00 CW**

PLANS APPROVED BY C. Williams DATE 3-19-99

- 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, 90° ELBOWS NOT ACCEPTABLE.
- 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 TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)
- 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 35/40 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 PVA 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**

WELL NOT TO SCALE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1250 gallon Top Seam Septic Tank CLEANOUTS 4" at house, 4" in line at 70'  
1250 gallon Top Seam Septic Tank 6" ip. on Septic Tank, Manhole on Septic Tank  
 DISTRIBUTION BOX LEVEL Baffle is in Manhole on Pump Tank, 4" ID line in between pump tank and DBOX

DRAIN FIELD/TILE DEPTH 3 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 1 1/2 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 260 FT.

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 780 SQ. FT.

DRYWELL DRYWALL INSIDE DIAMETER N/A FT. EFFECTIVE DEPTH BELOW INLET N/A FT.

ABSORBENT AREA N/A SQ. FT.

REMARKS: 2/23/00 installer reports iny out of hsc below footer - not as approved on building permit plan of 3/16/00 - INSTALLER HAS ENCOUNTERED TROUBLE WITH INSTALLATION OF SYSTEM DUE TO HIGH ROCK CONTENT IN SOILS (SRW) 3/17/00 - STOP WORK

ORDER ISSUED (SRW) // RETEST OF 3/20/00 ESTABLISHES SUFFICIENT AREA FOR INITIAL SYSTEM &

ONE REPLACEMENT NEAR & BELOW THE PLASTIC SEWAGE PIPESMENT - ROCK AT ALL HIGHER ELEVATIONS,

\*\*\* SYSTEM INSTALLED AT LOWEST APPROACHABLE LOCATION; REPLACEMENT SYSTEM, WHEN NEEDED, TO BE INSTALLED HIGHER.

DATE SYSTEM APPROVED 3/21/00 INSPECTOR Craig Wilkin

HOWARD COUNTY HEALTH DEPARTMENT  
 Bureau of Environmental Health  
 3525-H Ellicott Mills Drive  
 Ellicott City, MD 21043  
 410-313-2640

FAY  
 313-2648

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation X  
 Replacement \_\_\_\_\_  
 Name of Installer CARROLL WATER SYSTEMS INC  
 License Number PI 074  
 Certified Well Pump Installer X Well Driller \_\_\_\_\_ Registered Plumber \_\_\_\_\_  
 Name of Property Owner GYC  
 Subdivision CHASE Lot # 42 Telephone \_\_\_\_\_  
 Well Tag # HD-81-2282  
 Site Address 11610 LOG JUMP TRAIL

Pump Motor Pitless Adapter  
 1. Type 1. Horsepower 1/2 1. Make Campbell  
 a. Deep well jet \_\_\_\_\_ 2. RPM 340 2. Model # 18-10K  
 b. Shallow well jet \_\_\_\_\_ 3. Voltage \_\_\_\_\_ 3. Depth 4'  
 c. Submersible X  
 2. Make Corliss  
 3. Model # SSB0522  
 4. Capacity 7 GPM  
 5. Pump exceeds well capacity Yes \_\_\_\_\_ No X  
 6. If Yes, is low pressure cutoff switch installed? Yes \_\_\_\_\_ No X  
 7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors \_\_\_\_\_ Cable guards X Other \_\_\_\_\_

Tank Piping Well data  
 1. Capacity 120 1. Type Plastic 1. Depth 160 ft.  
 2. Pressure relief valve? Yes 2. Size 1" 2. Yield 12 GPM  
 3. NSF and/or BOCA Code approved Yes 3. Static water level \_\_\_\_\_ ft.  
 4. Depth of supply line 4' 4. Will water supply be disinfected by installer? NO

10/8/99 NO INSP

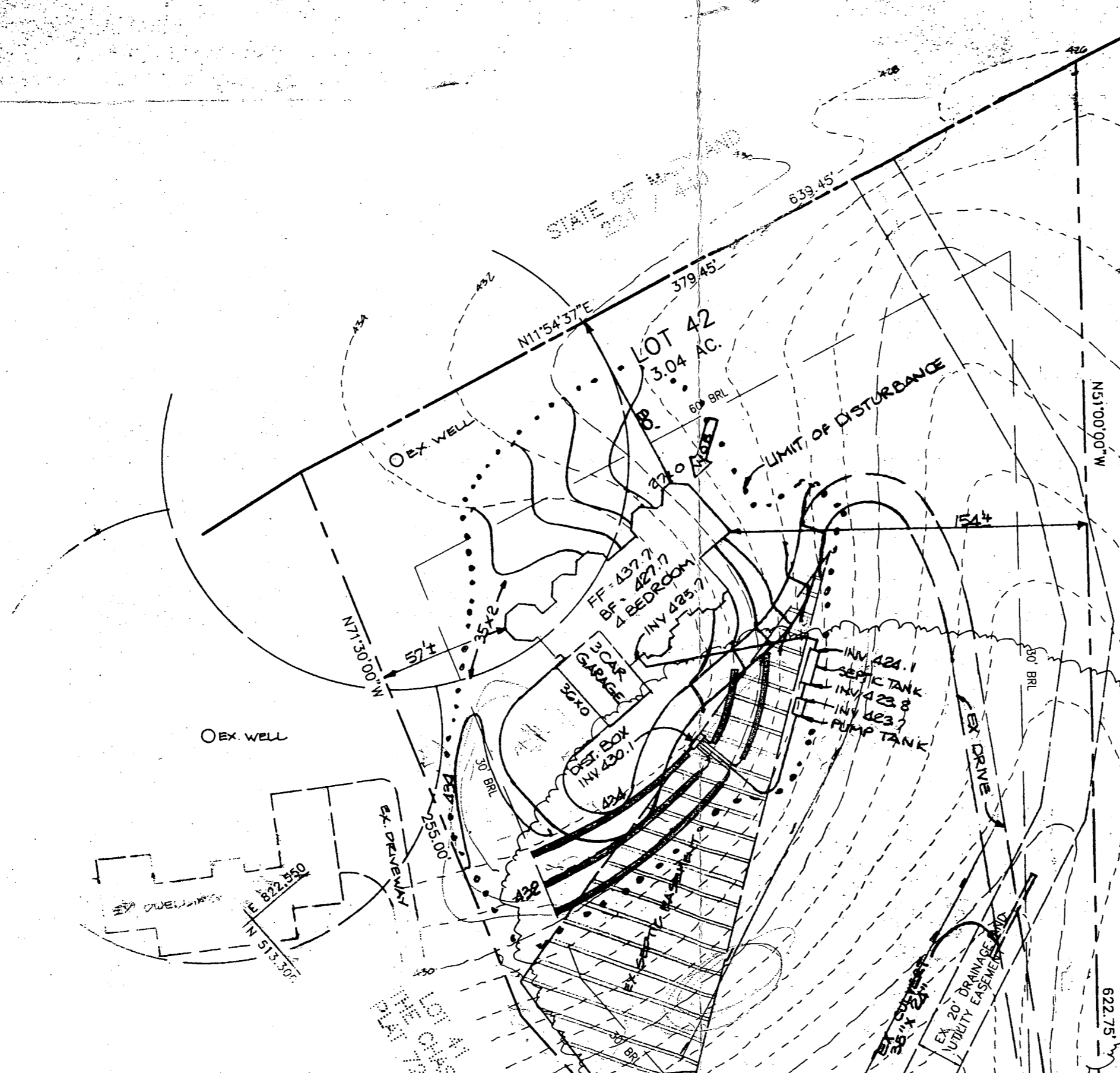
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

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

Signature of Applicant: [Signature]

Date: 10/8/99

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



**Approved Septic System Plan**  
**Howard County Health Department**

BC0116533 - SFD 4 ON  
 REVISED FOR PUMPER SYSTEM FROM PREVIOUSLY APPROVED  
 AND REVISED FOR SLIGHT INCURSION/EXCURSION FROM  
 PLATTED SEWAGE DISPOSAL EASEMENT

*C. Williams* 3/14/2000  
 Signature Date

- Total linear feet of trench required 240 feet
- Width of trench(es) 3 feet
- Depth of trench(es) 5 1/2 feet
- Depth of stone required below distribution pipe 2 feet

# APPLICATION

PERCOLATION TESTING

A 37039

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

DISTRICT 5

DATE 5/15/86

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 Wayback Corporation

ADDRESS P.O. Box 1018, Columbia, MD. 21044 PHONE 997-8800

PROSPECTIVE BUYER NONE

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION The Chase - formerly The Paddock LOT NO. 4742

ROAD AND DESCRIPTION Homewood Road

TAX MAP 29 PARCEL # 24

SIZE OF LOT 3 acres TYPE BLDG. S.F.D.  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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 OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

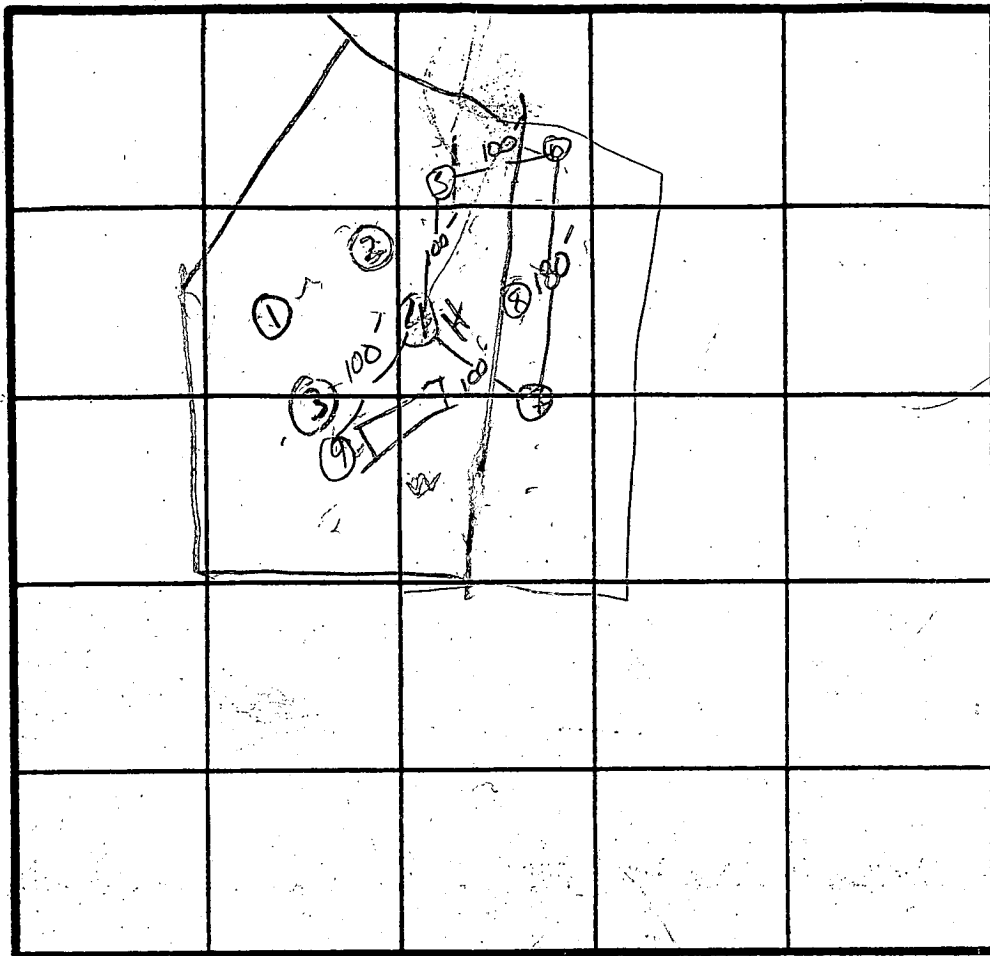
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

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

# THIS IS NOT A PERMIT

④ SOIL PROFILE

CLAY  
8 20%  
LIGHT  
BROWN  
SAND  
LOAM  
&  
FEW  
COBBLES



HOLE  
ELEV  
④ = HIGHEST  
② = LOWEST  
① = LOW  
③ = MEDIUM

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

⑨  
9"  
AD  
Yellow BK  
silt loam  
4% CLAY  
< 10% FRASS  
20"  
Yellow BK  
SANDY  
silt loam  
10-15%  
FRASS  
9 2/3"

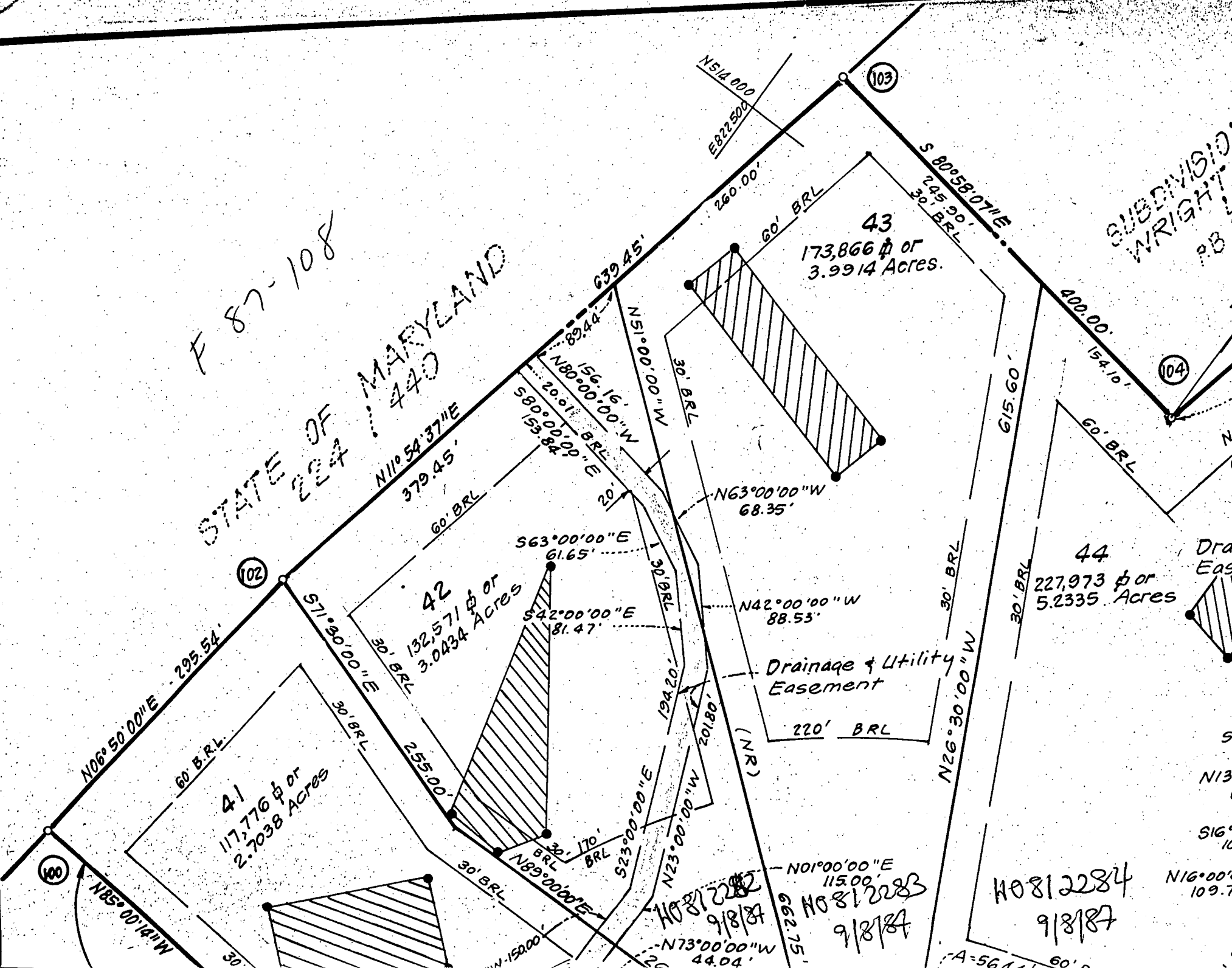
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/9/86	1V	4	CLAY	WATER 3F			
	2V	6	ROCK	6F			
	3V	12	SANDY WATER	10 1/2			
	4S	6	1228	1229	1229	1232	3
6/9/86	4V	13	LOOKS OK				
	5S	4'	10:51	10:52	10:52	10:54	4min
	5V	13'	un. form soil below 3'				
	6S	3'	10:38	10:39	10:39	10:40	1min
	6V	13'	un. form soil below 3'				
	7S	4'	10:35	10:36	10:36	10:39	3min
	7V	13'	un. form soil below 3'				
	8V	ROCK AT 9'	Solid bottom STRUCTURED AT 6'				
3/3/87	9	33" 9 2/3" WATER	10:56	10:57	10:57	11:00	3min

REMARKS Holes Done Per Surveyor's stakes

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

F 87-108

STATE OF MARYLAND  
224 440



101

102

103

104

SUBDIVISION  
WRIGHT  
PB

41  
117,776 sq ft or  
2.7038 Acres

42  
132,571 sq ft or  
3.0434 Acres

43  
173,866 sq ft or  
3.9914 Acres

44  
227,973 sq ft or  
5.2335 Acres

Drainage & Utility  
Easement

Drain  
East

H0812282  
9/8/87

H0812283  
9/8/87

H0812284  
9/8/87

N16°00'00"  
109.7

A=56.11 60' BRL

N01°00'00"E  
115.00'

N73°00'00"W  
44.04'

662.75'

N514.000  
E822.500

260.00'

60' BRL

245.90'

30' BRL

S 80°58'07"E

400.00'

154.10'

60' BRL

615.60'

30' BRL

220' BRL

N26°30'00"W

30' BRL

30' BRL

30' BRL

30' BRL

30' BRL

30' BRL

30' BRL

30' BRL

30' BRL

30' BRL

30' BRL

30' BRL

30' BRL

30' BRL

30' BRL

N51°00'00"W

156.16'

N80°00'00"W

20.01'

S80°00'00"E

153.84'

60' BRL

379.45'

N11°54'37"E

295.54'

N06°50'00"E

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

639.45'

89.44'

156.16'

N80°00'00"W

20.01'

S80°00'00"E

153.84'

60' BRL

379.45'

N11°54'37"E

295.54'

N06°50'00"E

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

639.45'

89.44'

156.16'

N80°00'00"W

20.01'

S80°00'00"E

153.84'

60' BRL

379.45'

N11°54'37"E

295.54'

N06°50'00"E

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

639.45'

89.44'

156.16'

N80°00'00"W

20.01'

S80°00'00"E

153.84'

60' BRL

379.45'

N11°54'37"E

295.54'

N06°50'00"E

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

639.45'

89.44'

156.16'

N80°00'00"W

20.01'

S80°00'00"E

153.84'

60' BRL

379.45'

N11°54'37"E

295.54'

N06°50'00"E

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

639.45'

89.44'

156.16'

N80°00'00"W

20.01'

S80°00'00"E

153.84'

60' BRL

379.45'

N11°54'37"E

295.54'

N06°50'00"E

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

639.45'

89.44'

156.16'

N80°00'00"W

20.01'

S80°00'00"E

153.84'

60' BRL

379.45'

N11°54'37"E

295.54'

N06°50'00"E

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

639.45'

89.44'

156.16'

N80°00'00"W

20.01'

S80°00'00"E

153.84'

60' BRL

379.45'

N11°54'37"E

295.54'

N06°50'00"E

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

60' BRL

639.45'

89.44'

156.16'

N80°00'00"W

20.01'

S8

B 1 5367 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  
40-81-2282  
fill in this form completely

Date Received 090287  
OWNER INFORMATION  
Howard East Nevel Cor  
Last Name Owner First Name  
1019 Street or RFD  
COLUMBIA MD 21044  
Town State Zip

B 3 LOCATION OF WELL  
HOWARD COUNTY  
THE CHASE SUBDIVISION  
SECTION 44 46 LOT 42 50  
CLARKSVILLE  
MILES FROM TOWN (enter 0 if in town) 3 MI

DRILLER INFORMATION  
George F. Easterday  
Driller's Name License No. 80 40  
L. Franklin Easterday, Inc.  
Firm Name  
9265 Br. Ch. Rd., Mt. Airy, Md. 21771  
Address  
Signature: George F. Easterday Date: 8/15/87

B 4 LOG JUMP TRAIL  
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
NEAR WHAT ROAD  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
DISTANCE FROM ROAD 0475 FT  
ENTER FT or MI FT

B 2 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 COUNTY NAME A-37039 COUNTY NO.  
OEP SIGNATURE DATE ISSUED 090887  
CO SIGNATURE EXP. DATE 03-07-88  
NORTH GRID 513000 EAST GRID 0821000

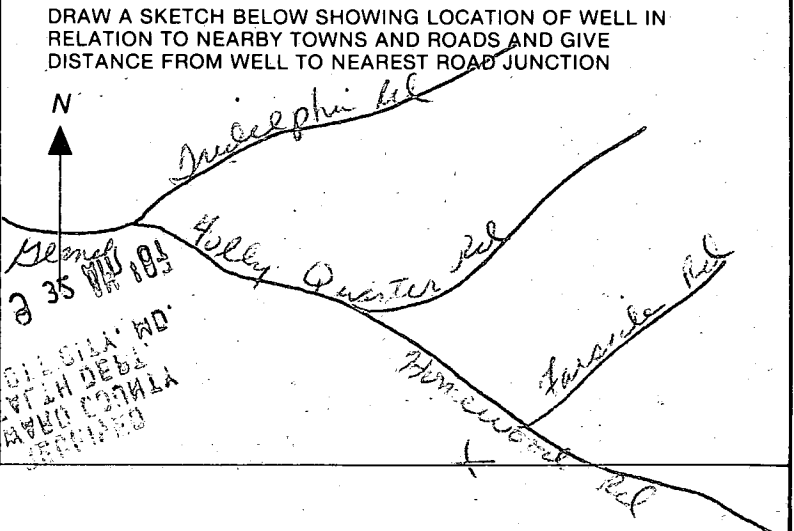
APPROXIMATE DEPTH OF WELL 100 FEET

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  
other

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  
10-5-87 Location ok.  
39 ft open hole  
48 ft casing  
2 ft above ground  
26 bags cement  
JE Nadreau

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. 40-81-2282

SPECIAL CONDITIONS

**C1** 6088  
 SEQUENCE NO. (OEP 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-37039**

DATE Received [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]  
 DATE WELL COMPLETED **100587**  
 Depth of Well **160** (TO NEAREST FOOT)  
 PERMIT NO. FROM "PERMIT TO DRILL WELL" **40-81-2282**

OWNER **HOWARD ESTATE DEVELOPMENT**  
 STREET OR RFD last name **LOT JUMP TRAIL** first name  
 TOWN **CLARKSVILLE**  
 SUBDIVISION **THE CHASE** SECTION LOT **42**

**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	
Topsoil	0	2	
Bn Shale	2	35	
Sand stone	35	60	✓
Gray mica	60	89	
Opening	89	90	✓
Gray mica	90	160	

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**  
 TYPE OF GROUTING MATERIAL  
 CEMENT **CM** BENTONITE CLAY **BC**  
 NO. OF BAGS **26** NO. OF POUNDS **2600**  
 GALLONS OF WATER **150**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **39** 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 **ST** Nominal diameter (nearest inch) **6** Total depth of main casing (nearest foot) **48**

**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

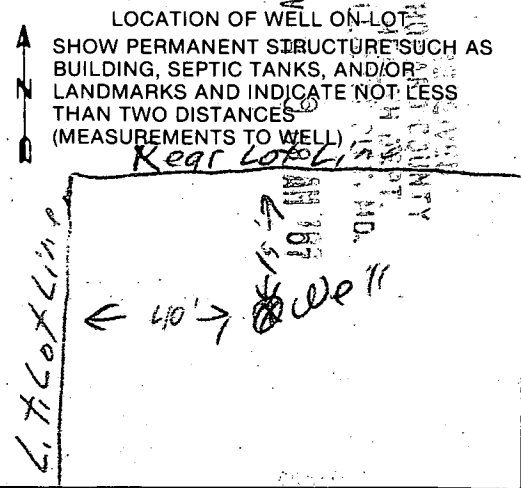
**C2**  
 DEPTH (nearest ft.)  
 EACH SCREEN  
**HO** **46** **160**  
 SLOT SIZE 1 2 3  
 DIAMETER OF SCREEN (NEAREST INCH) from to

**GRAVEL PACK**  
 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  
 TELESCOPE CASING LOG INDICATOR OTHER DATA

**C3**  
**PUMPING TEST**  
 HOURS PUMPED (nearest hour) **3**  
 PUMPING RATE (gal. per min. to nearest gal.) **12**  
 METHOD USED TO MEASURE PUMPING RATE **Bucket**  
 WATER LEVEL (distance from land surface) BEFORE PUMPING **26** WHEN PUMPING **36**  
 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**  
 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) **31** **35**  
 PUMP HORSE POWER **37** **49**  
 PUMP COLUMN LENGTH (nearest ft.) **43** **47**  
 CASING HEIGHT (circle appropriate box and enter casing height) **+** above **-** below **2** (nearest foot)



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 **Sharon A. Easley**  
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) **Bruce Thompson**

