

10/25/88
1-20-89
AM House connection
someone at house

04-346602

1-20-89 House connection ok JEN
10/25 P.C.O. Need house connection only C.B.B.

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 4th

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE 8/31/88

DATE SYSTEM APPROVED 1-20-89

INSPECTOR JEN

Dale Fogle Septic

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 6430 Woodbine Road, Woodbine, Maryland 21797 PHONE 795-5670

SUBDIVISION Glenwood Springs ROAD 2804 Saddlebred Ct. LOT 17

PROPERTY OWNER S
Walter Vieser

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 5

TRENCHES - 200 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 5 1/2 feet below original grade. Effective area begins at 4.0 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - SHALLOW SYSTEM ONLY. Beginning from the right front lot corner, start the first trench 140 feet down the right (545.71'0 lot line and 115 feet off the right line as seen when facing property from Glenwood Springs Drive. Run trenches along contour towards the right (540') lot line and left front corner.

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

PLANS APPROVED BY Sid Abel DATE 4/19/88

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.

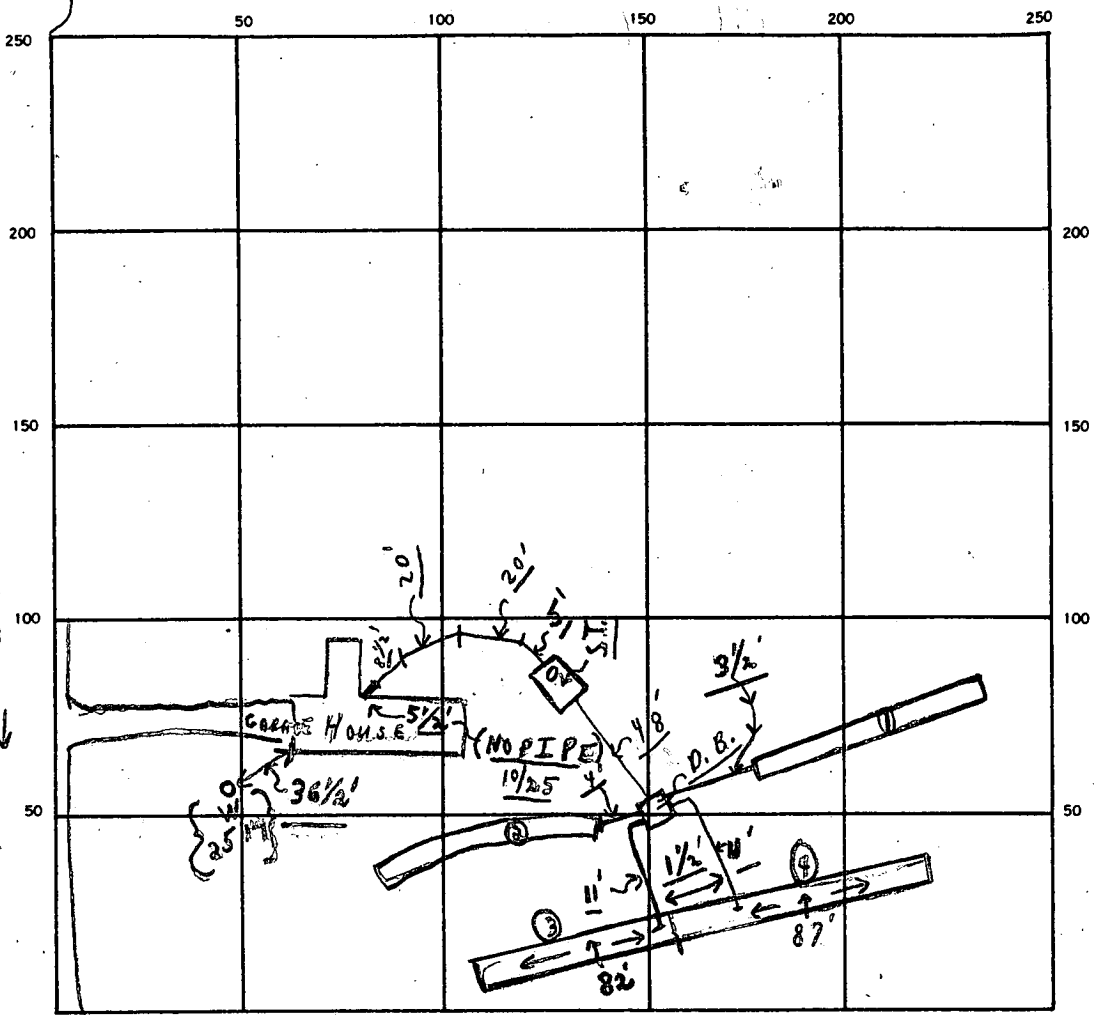
*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 38364

← Saddle Creek County →



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

← Greenwood Springs Drive →

SEPTIC TANK. LEVEL OK CLEANOUTS OK

DISTRIBUTION BOX. LEVEL OK (triple in)

DRAIN FIELD/TILE FIELD. DEPTH 5 1/2' FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 1 1/2' FT. TOTAL LENGTH 336 FT.

NUMBER OF TRENCHES 4 ONE-SIDEWALL/BOTTOM AREA 1008 SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 1,008 SQ. FT.

①	81'
②	86'
③	82'
④	87'
	336'

REMARKS 10/25/88 Partial-new house connection - only, OK TO COVER ALL
EXCEPT HOUSE CONNECTION AREA. TO CALL FOR FINAL. C.B. &
1-20-89 House connection ok. JEN

DATE SYSTEM APPROVED 1-20-89 INSPECTOR Jane E. Nadeau

APPLICATION

PERCOLATION TESTING

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

A 38364

P _____

DISTRICT _____

DATE 10-14-86

*1/30/87
perc OK
approved
[Signature]*

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 WALTER Vieser

ADDRESS _____ PHONE _____

PROSPECTIVE BUYER Ronald Carter

ADDRESS 8388 Court Ave., Ellicott City, Md PHONE 21043 461-2855

PROPERTY LOCATION:

SUBDIVISION Hakes Property LOT NO. Seventeen

ROAD AND DESCRIPTION Hobbs Road 2804 Saddle brood Ct.
Perlin on 4/29/87

TAX MAP 14 PARCEL # 83,87,202

SIZE OF LOT 3+ acres TYPE BLDG. SFD
(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. Ronald B. Carter
(SIGNATURE OF APPLICANT)

APPROVED BY B Nipon FOR Shallow system DATE 1/26/88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING holding for certified hakes

BLDG. PERMIT SIGNED

NOT RETURNED 4-19-88
81 17720
SA

THIS IS NOT A PERMIT

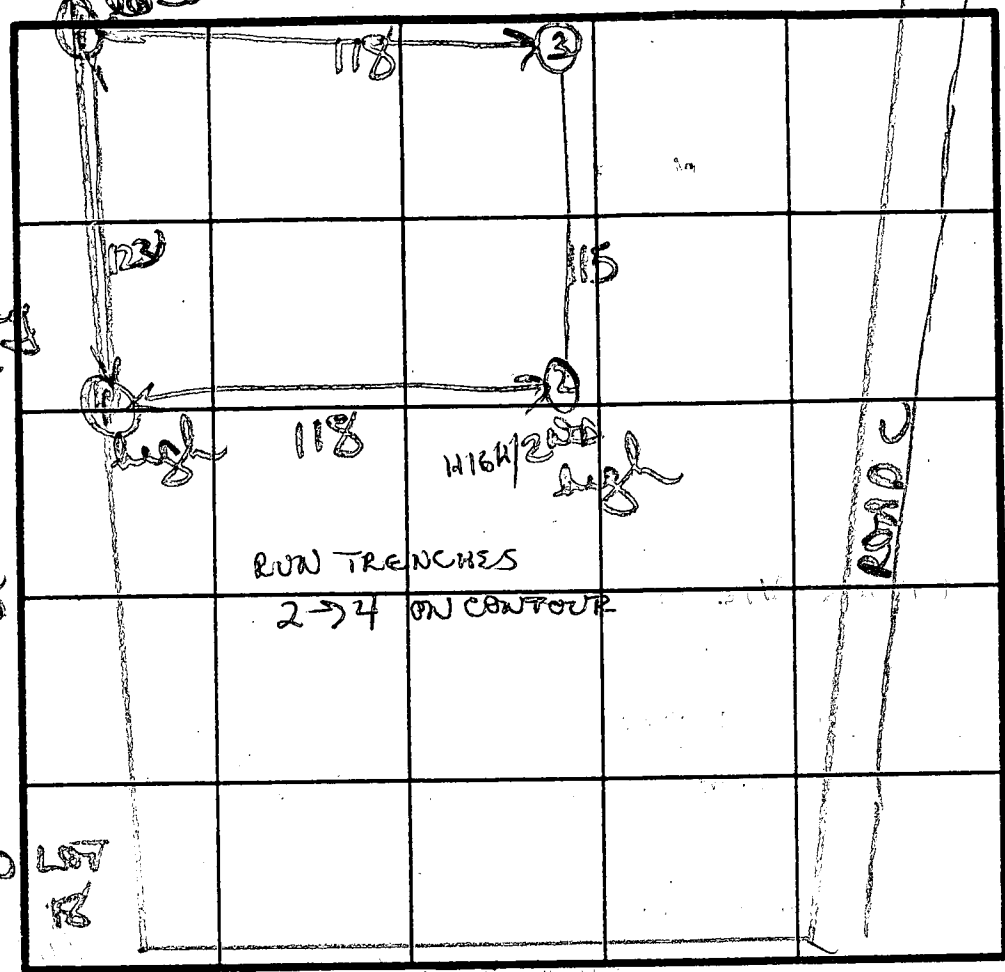
Road A

$\bar{x} = 10^+ \text{min}$
 INLET $3\frac{1}{2}$
 MAX D $5\frac{1}{2}$
 187 ϕ / 100

④

orange/grey
 clay loam
 $3\frac{1}{2}$
 to grey
 orange silty
 loam
 ↓

11' 0"



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE-LINE.

SOIL PROFILE

orange/
 purple clay
 silty loam
 4'
 to purple
 to
 sandy
 loam
 ↓

12' 0"

TO LOT 18

②

orange/brown
 silty clay
 loam 2'
 to orange/
 grey silty
 loam
 med. frags
 Mn staining
 8"
 sand 9"

③

brown/orange
 clay 3'
 to orange
 purple
 silty
 loam
 ↓

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/30/87	①	4 1/2	1204	1209	1209	1218	9min
		7 1/2	1204	1209	1209	1212	5min
		12' D	bottom (see profile)				
	②	2 1/2	100	115	115	143	28min
		8 1/2	standing rock				
	③	4 1/2	114	121	121	136	15min
		11 1/2 D	bottom (see profile)				
	④	3 1/2	1242	1243	1243	1245	2min
		7' m	1242	1243	1143		2min
		11' D	bottom (see profile)				

REMARKS

hole #2 w/ rock bottom; all others little or
 use SHALLOW SYSTEM no rock

TYPE OF SOIL

orange/purple clay loam, silty loam, etc.

TESTED BY

B. Weyman

ALSO PRESENT

Phil Cliff Kathy

11 1/2

Sept 6

(RUN TRENCHES 1 → 2)

(triple common) high hole

① 3 1/2 958 1000 1000 1004
7 1/2 958 1000 1000 1002

11

② 4 1/2 1004 1008 1008 1012

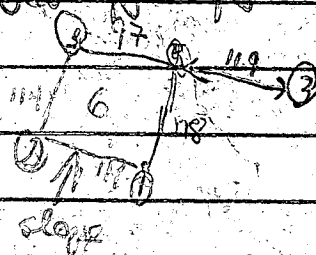
11 1/2 A

③ 4 1/2 1010 1014 1017 1027

11 1/2

④ 3 1/2 1020 1028 1028 1034
7 1/2 1020 1028 1028 1033

11 1/2



to orange brown
to clay loam
red/orange brown
clay loam
to orange brown
to orange brown

to orange brown
to orange brown
to orange brown
to orange brown
to orange brown

④ 4 1/2 933 936 936 941

11 1/2

⑤ 3 1/2 938 940 940 942

3

11 1/2

⑥ 4 1/2 922 924 924 927

3

11 1/2

⑦ 4 1/2 916 926 926 942

16

①

orange/brown
clay/silt loam

to orange/brown
silty loam

④

chunky/gritty

red/orange

brown clay

clay loam

to brown/orange

silty loam

to shell scattered fragments

② ③

chunky/gritty

orange/brown clay

even 3 1/2

to orange/brown

silty loam

to 1020

black rock

fragments

to orange brown

to orange brown

to orange brown

to orange brown

to orange brown

to orange brown

to yellow brown

to yellow brown

to yellow brown

to yellow brown

to yellow brown

to orange brown

to orange brown

to orange brown

to orange brown

to orange brown

to orange brown

to orange brown

to orange brown

to orange brown

Both Am to

12/17/57
Proposed at
City of New
York

45

[illegible]

0121

[illegible]

G. 3.11

101 8501 8501 8501 47 (17)

121

7 H 2011 0111 0111 0111

12/28/88

4401 1401 4401 8801 18
 5501 4401 4401 8801 41 (3)

8 107

TRACHTS
LBT

471

021

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 98. ~~one of~~
 99. ~~long~~
 100. ~~to pump~~

↑

purple from
gray/salt. loc.
3;
to purple/locum
suff. loc.

(18)

low

17/18

4' S 1204 1208 1208 1218

7 1/2 M 1204 1207 1207 1212

12 D

3 1/2 S 1220 1224 1224 1228

8 M 1220 1228 1228 1230

12 D

3 1/2 1227 1229 1229 1232

11 D

3' 1242 1243 1243 1245

7 1242 1245 1245 1245

11 D

③

④

②

orange/brown

orange/grey

red/orange

silt/clay

clay loam

brown clay

to 2'

to grey/

silt loam 3'

to orange/grey

orange/silt

to brown

silt loam

loam

orange/brown

red frogs and 8' staining 11 D

silt loam

①

orange/purple

clay/silt

loam 3'

to purple

tan powder

loam

12 D

②

orange/tan

clay silt

loam 3'

to powder

tan brown

loam

12 D

17

~~COURT~~

② 12' 100 115 115 112 28min

3 1/2 (starting rock)

③

② 4' 114 121 121 136 15min

113'D

brown/orange
clay 3'

to orange
purple
silt
bar

⑬

2nd
high

⑭

123'

⑮

2nd
low

115'D

⑫

high

123'

15'

low

Trenches

1-2

surround

2nd

⑯

15'

118'

3'

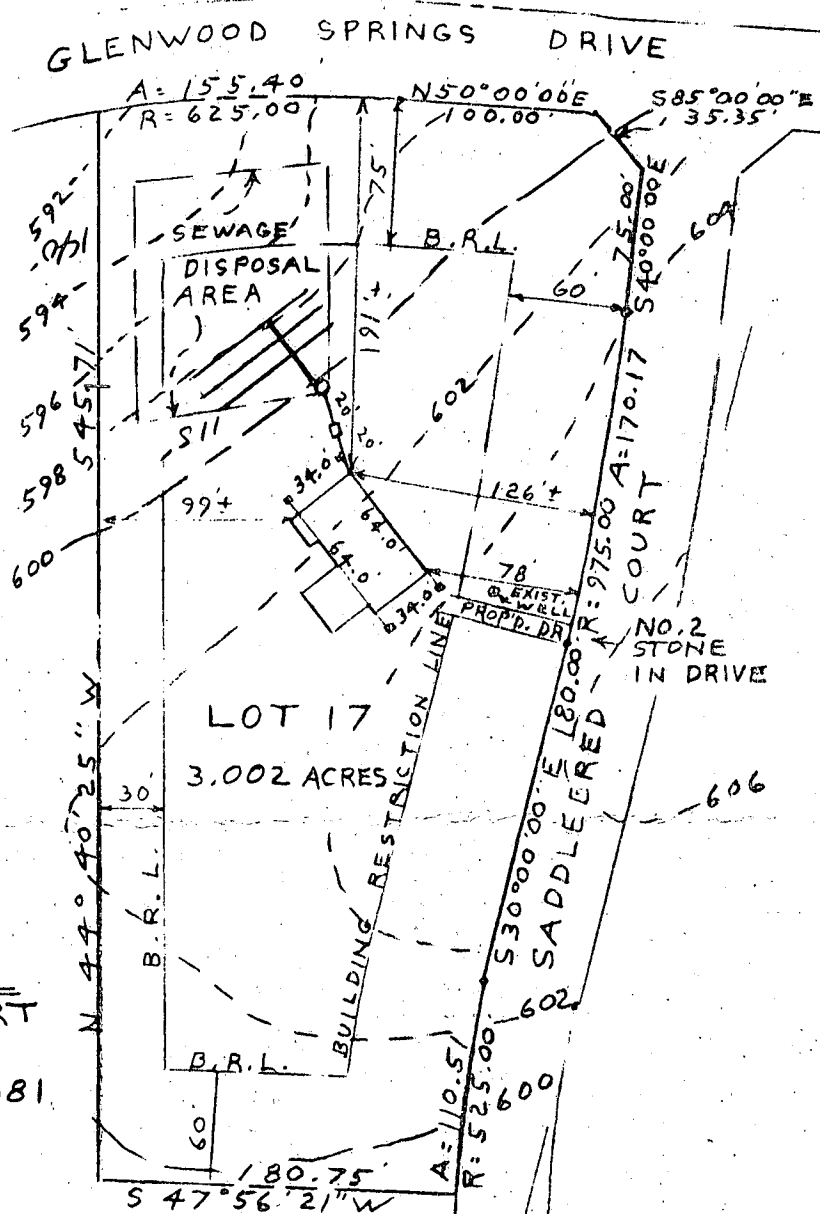
William E. Doyle

LAND SURVEYOR 6640

5312 EMERALD DRIVE

SYKESVILLE, MARYLAND 21784

PHONE (301) 795-2210



PLOT PLAN
LOT 17, SADDLEBRED COURT
GLENWOOD SPRINGS
SECTION 1, AREA 1, PLAT 7681
ELECTION DISTRICT 4
HOWARD COUNTY MD.

4-19-88
 elumms
 OK
 SA

BLDG. PERMIT SIGNED
 AND RETURNED 4-19-88

BP. 17720
 SA

SCALE: 1" = 100'

DRAWN: APRIL 7, 1988.

EXIST, GRN. AT DISTR. BOX	600.20 ✓
INV. IN DISTR. BOX	596.20 ✓
INV. OUT OF SEPTIC TANK	596.45 ✓
INV. INTO SEPTIC TANK	596.85 ✓
INV. OUT OF DWELLING	597.10 ✓
FIRST FLOOR ELEV.	606.50 ✓
CELLAR ELEV.	597.50 ✓
WELL ELEV.	604.40 ✓
NO. OF BEDROOMS	3
ACREAGE	3.002 ACRES

I CERTIFY THE ABOVE MEASUREMENTS
 AND ELEVATIONS ARE ACTUAL AND
 CORRECT FOR THIS PROPERTY.

signed William E. Doyle



FILE NO. 393-28

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C1 2127 SEQUENCE NO. (OEP USE ONLY)

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

STATE OF MARYLAND
WELL COMPLETION REPORTFILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.COUNTY
NUMBER

A 38364

DATE Received

8	9	10	11	12	13
---	---	----	----	----	----

DATE WELL COMPLETED

020588

Depth of Well

22 145 26
(TO NEAREST FOOT)

PERMIT NO.

FROM "PERMIT TO DRILL WELL"

MC-81-2514

OWNER

VIESSER

WALTER N.

STREET OR RFD GLENWOOD SPRINGS DR./SADDLERBROOK TOWN GLENWOOD

SUBDIVISION GLENWOOD SPRINGS SECTION 5

LOT 17

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS
PENETRATED, THEIR COLOR, DEPTH,
THICKNESS AND IF WATER BEARINGDESCRIPTION (Use
additional sheets if needed)FEET
FROM TOCheck
if water
bearingSAND

GRAY Mica
Rock0 57
57 145

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)yes no
Y N

TYPE OF GROUTING MATERIAL

CEMENT CM

BENTONITE CLAY BC

NO. OF BAGS 11 NO. OF POUNDS 1034

GALLONS OF WATER 66

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 40 ft.
(enter 0 if from surface)casing
types
insert
appropriate
code
below

CASING RECORD

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 61 63 64 66 67 70

EACH CASING

OTHER CASING (if used)

diameter inch depth (feet) from to

screen type or open hole
insert
appropriate
code
below

SCREEN RECORD

ST BR HO
STEEL BRASS OPEN
PL BRONZE HOLE
PLASTIC OTHER

C 2

EACH SCREEN

DEPTH (nearest ft.)

1 H O 161 17 145 21
2 23 24 26 30 32 36
3 38 39 41 45 47 51

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

70

72

74 75 76

TELESCOPE
CASINGLOG
INDICATOR

OTHER DATA

C 3

1 2

PUMPING TEST

HOURS PUMPED (nearest hour)

3

PUMPING RATE (gal. per min. to nearest gal.)

20

METHOD USED TO MEASURE PUMPING RATE

Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING

40

WHEN PUMPING

40

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)

PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

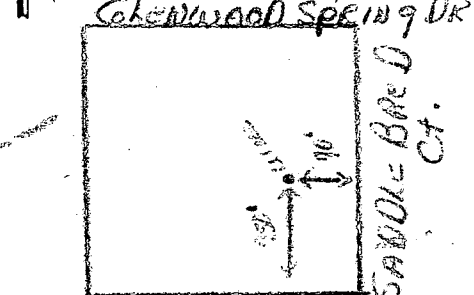
+ above

- below

LAND SURFACE

24 (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)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
WELLI 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. 238

DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)SITE SUPERVISOR (sign. of driller or journeyman
responsible for sitework if different from permittee)

HEALTH

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

grouted
2/5/88

Well Permit No. HO - 81-2514
Location of property (road) GLENWOOD SPRINGS DR / SADDLEBRED CT.
Subdivision GLENWOOD SPRINGS Lot 17 Block Plat Sec.
Well Driller JOSEPH MAYNOR Owner VISSER, WALTER N.

Depth of well 145'
Distance of measuring point (M.P.) above ground 2'
Static water level (S.W.L.) below M.P. 40'

I. High rate pumping -- reservoir drawdown

Time pump started 12:00 Pumping rate 20 gal.
Total time 15 min. to reach pumping water level 40 ft. below M.P.

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

[illegible]

38364 APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Court House Square
Ellicott City, Md. 21043
461-9933

New Installation X
Replacement

Receipt # 42982
Date 11/15/88

Name of Installer CARROLL WATER SYSTEMS, Inc.

Telephone 876-6880

License number PI 074

Certified Well Pump Installer Y Well Driller Registered Plumber

Name of Property Owner VIESER

Telephone 795-6018

Subdivision Lot # 17 Well tag #

Site Address 2804 SADDLE BROOK CT

Pump

- CLONWOOD MD 21738
- Type
 - Deep well jet
 - Shallow well jet
 - Submersible X
 - Make GOULDS
 - Model # 25410EJ05412
 - Capacity 10 GPM
 - Pump exceeds well capacity Yes No X
 - If Yes, is low pressure cutoff switch installed? Yes No X
 - What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors X Cable guards Other

- Motor
- Horsepower 1/2
 - RPM 3450
 - Voltage
 - 110
 - 220 X

- Pitless Adapter
- Make Handmade
 - Model # PT 800
 - Depth 4'

Tank

- Capacity 150
- Pressure relief valve? YES

- Piping
- Type Plastic
 - Size 1"
 - NSF and/or BOCA Code approved YES
 - Depth of supply line 120

- Well data
- Depth 140 ft.
 - Yield 20 GPM
 - Static water level ft.
 - Will water supply be disinfected by installer? NO

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: 10/31/88

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

11/22/88

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation X
Replacement _____

Receipt # _____
Date _____

Name of Installer _____

Telephone _____

License Number _____

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber _____

Name of Property Owner WALTER ULSEN

Telephone _____

Subdivision GLENWOOD SPRINGS Lot # 17 Well Tag # H0 - 81 - 2514

Site Address GLENWOOD SPRINGS RD / SADDLEBROOK CT.

Pump

1. Type
 - a. Deep well jet _____
 - b. Shallow well jet _____
 - c. Submersible _____
2. Make _____
3. Model # _____
4. Capacity _____ GPM
5. Pump exceeds well capacity Yes _____ No _____
6. If Yes, is low pressure cutoff switch installed? Yes _____ No _____
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other _____

Motor

1. Horsepower _____
2. RPM _____
3. Voltage _____
 - a. 110 _____
 - b. 220 _____

Pitless Adapter

1. Make _____
2. Model # _____
3. Depth _____

Tank

1. Capacity _____
2. Pressure relief valve? _____

Piping

1. Type _____
2. Size _____
3. NSF and/or BOCA Code approved _____
4. Depth of supply line _____

Well data

1. Depth 145 ft.
2. Yield 3 GPM
3. Static water level 40 ft.
4. Will water supply be disinfected by _____

11/22/88 Disapproved- Pitless Pit Filled with water - unable to install
to inspect. Applicant: Sell

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: _____

Date: _____

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