

7/27/93  
ppm + LATE

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

03-316432

P 49442

A 44277

DISTRICT 3rd

DATE 7/14/93

DATE SYSTEM APPROVED 7/27/93

INSPECTOR CW

#### HOWARD COUNTY HEALTH DEPARTMENT

##### BUREAU OF ENVIRONMENTAL HEALTH

313-2640

INDEXED

Paul Schissler/South Carroll Backhoe IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 875-4197

SUBDIVISION Parkside LOT 9 ROAD 1829 Quarter Horse Drive

PROPERTY OWNER Mr. and Mrs. Gerald Livingston

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - From the left front lot corner, place the distribution box 120 feet down the left lot line and 200 feet off that lot line. Run trenches along contour toward right lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 3/31/93 RIT

PLANS APPROVED BY C. Williams DATE 10/15/90

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

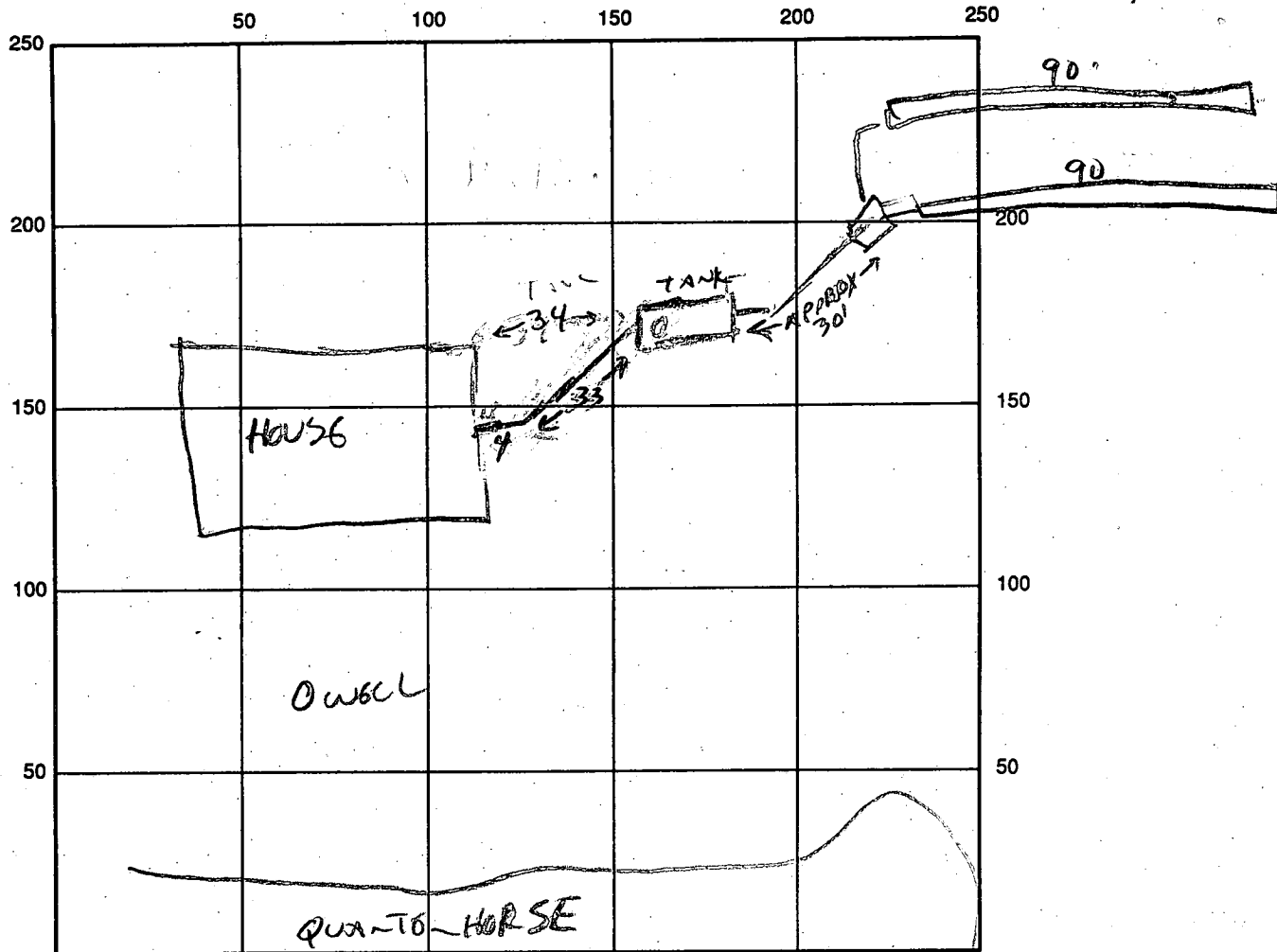
PERMIT VOID AFTER TWO YEARS

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

A 44277



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL ✓ CLEANOUTS STL ✓

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD/TITLE DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 180 FT.

NUMBER OF TRENCHES 2 (2) 90 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 7/27/93 TANK AND DISTRIBUTION BOX OK,

TRENCH INSTALLATION BEGUN, NO OPPORTUNITY TO RE-INSPECT,  
OK TO COVER WHEN COMPLETE. (CW)

DATE SYSTEM APPROVED 7/27/93 INSPECTOR Cwell

7/27/93  
PEOPLE - MAY 65 - WELL LINE OK WILL PICK UP FORM (CW)

Received By RM 8/12/93

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 ✓  
Replacement       

Receipt #         
Date 7-26-93

Name of Installer C MAYES P+H

Telephone 410 923 0510

License Number 3276

Certified Well Pump Installer        Well Driller        Registered Plumber ✓

Name of Property Owner GERALD LIVINGSTON Telephone 410 964 1324  
Subdivision PARKSIDE Lot # 9 Well Tag # 40-88-1610  
Site Address 1829 QUARTERHORSE DR.

Pump

1. Type
  - a. Deep well jet
  - b. Shallow well jet
  - c. Submersible ✓
2. Make MYERS
3. Model # 25F72-8
4. Capacity 8 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 # B10 X
3. Depth 60"

Tank

1. Capacity WX202 40
2. Pressure relief valve? R2N 75PSI

Piping

1. Type YAROLY 160
2. Size 1"
3. NSF and/or BOCA Code approved YES
4. Depth of supply line 240 FT.

Well data

1. Depth 268 ft.
2. Yield 10 GPM
3. Static water level 260 ft.
4. Will water supply be disinfected by installer? NO.

PITLESS ADAPTER & WELL LINE OK  
8/27/93 CW

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.

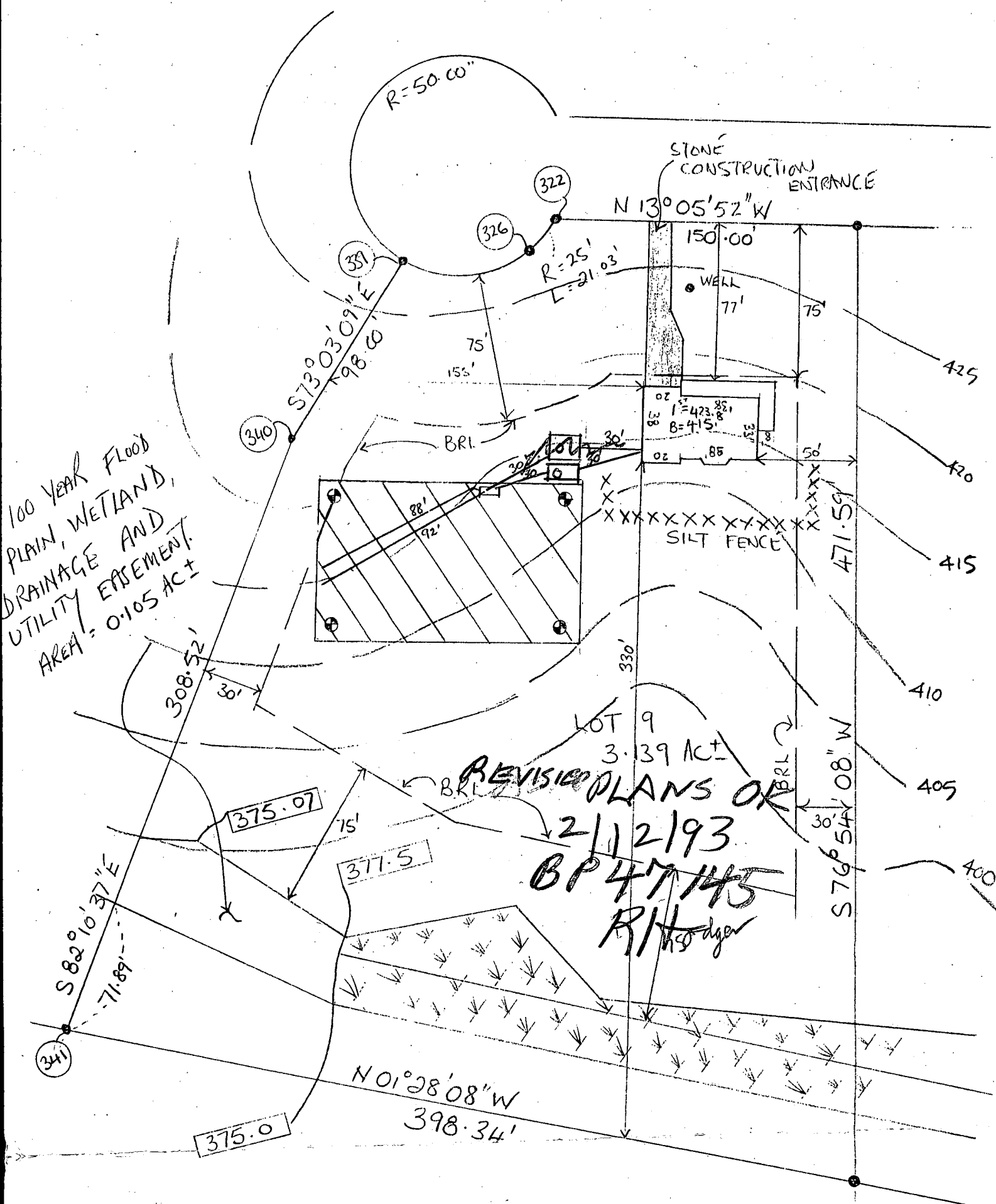
Signature of Applicant: Charles Mayes

Date: 8-12-93

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

INVERT ELEV. (OUT OF HOUSE) 413.8  
INVERT ELEV. (INTO SEPTIC) 413.3  
INVERT ELEV. INTO DIST. BOX 412.5

EXISTING ELEV. AT SEPTIC 415.  
INVERT ELEV. OUT OF SEPTIC 413  
INVERT ELEV. INTO TRENCH 412



4 BEDROOMS

SCALE 1:60

PREPARED BY: S.E. DAVIES  
DAVIES DEVELOPMENT INC.  
9051. BALT. NAT. PIKE  
410-750-0007.

LOT # 9 PARKSIDE

QUARTER HORSE DR

TAX MAP 10, PARCEL 36

3<sup>RD</sup> ELECTION DISTRICT.

# APPLICATION

PERCOLATION TESTING

44277  
A 42453  
P \_\_\_\_\_

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

DISTRICT 3  
DATE 8-25-88

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 Vincent Bracciale Mr. & Mrs. Gerald Livingston  
ADDRESS 1839 Woodstock Rd PHONE 465-5855  
PROSPECTIVE BUYER N/A 964-1324

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

PROPERTY LOCATION: PARKSIDE  
SUBDIVISION Bracciale Property LOT NO. 18 LOT 9 Prelim

ROAD AND DESCRIPTION Woodstock Rd north of Md Rt 49  
1839 QUANTER HORSE DR.

TAX MAP 10 PARCEL # 36

SIZE OF LOT 3.03 ± 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.

M. S. Rini  
(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING 5-22-89 Rec Satisfactory. Hold for plat 5-22-

BLDG. PERMIT SIGNED

AND RETURNED 9/2/93

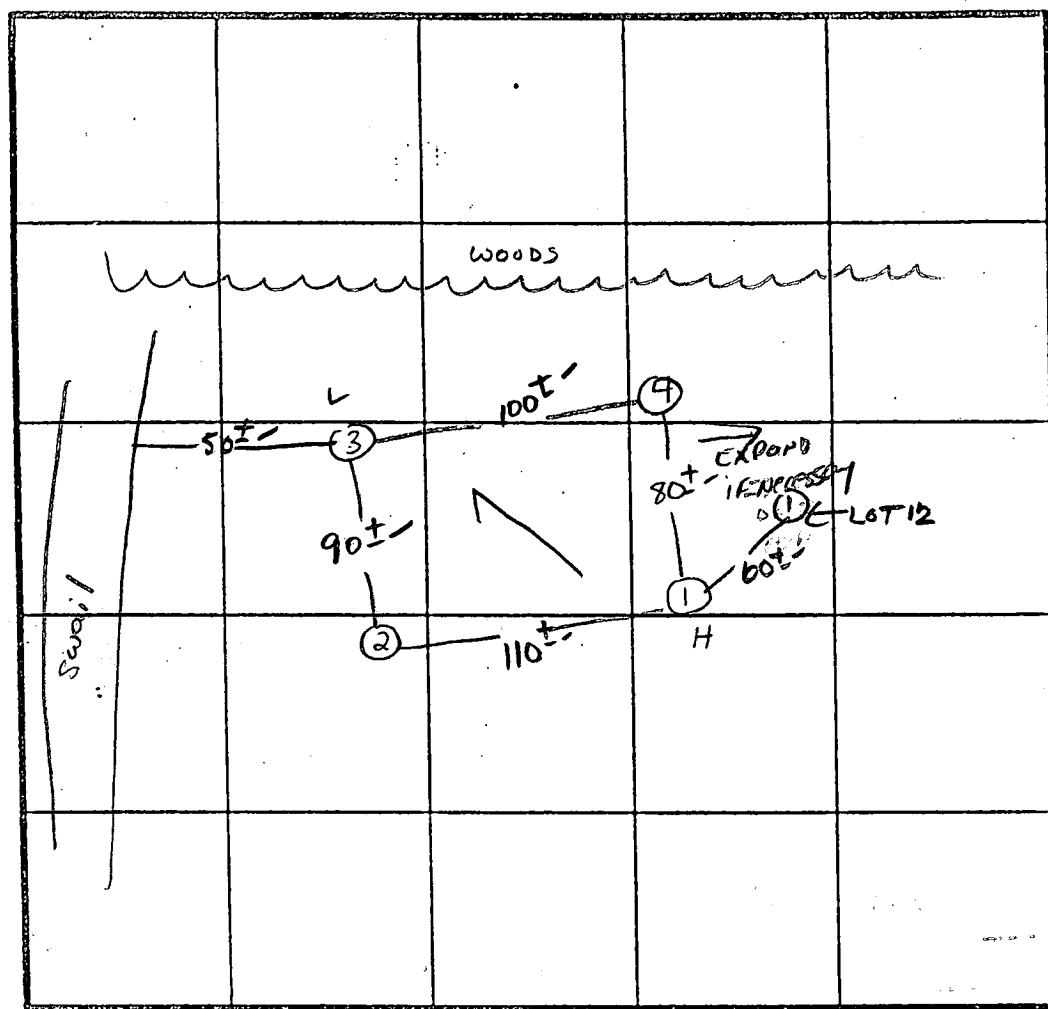
Serial # 47145

SFD - 4 Bedroom

# THIS IS NOT A PERMIT

SOIL PROFILE

0'	4 x AP
4"	Red yellow Silty clay loam 15-20% frap
3.5'	yellow br. Silty sand loam 15-20% frap
12.5'	



$\bar{x}$  Perc 13 min

210 #/hr

Inlet 4'

Bottom 8'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

V. WOODSTOCK Rd.

[illegible]

REMARKS

1 toles. Pen STAKE S

TYPE OF SOIL

Glenelg - BRANDYWINE

TESTED BY

S. Abul

ALSO PRESENT

OK JK.  
John R. Dale



BRACCIALE

EX STRUCTURES  
TO BE RAZED OR  
REMOVED

Well Site  
9-11-90  
JEN

LOT 9

LOT 8

100 YEAR FLOODPLAIN  
DRAINAGE EASEMENT

AT  
LOT 3  
PLAT 6305

BREEZEWOOD FARM

DEVELOPER:  
DESIGN AND DEVELOPMENT

C1 0849 SEQUENCE NO. (DENV USE ONLY)  
1 2 3 4 5 6  
(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 A44277

ST/CO USE ONLY  
DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.  
FROM "PERMIT TO DRILL WELL"

8 13

15 20

22 26  
(TO NEAREST FOOT)

28 29 30 31 32 33 34 35 36 37  
H4-88-1410

OWNER Braceable Vincent  
STREET OR RFD Quarterhorse Dr TOWN Woods York  
SUBDIVISION DARKSIDE SECTION 4 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	
Shale	2	15	
Mika	15	30	
Sandstone	30	35	✓
Mika	35	166	
Sandstone	160	165	✓
Mika	165	265	

GROUTING RECORD

WELL HAS BEEN GROUTED  
(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 6 NO. OF POUNDS 660

GALLONS OF WATER 31

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 17 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 PL Nominal diameter top (main) casing (nearest inch) 1 Total depth of main casing (nearest foot) 17

OTHER CASING (if used)  
diameter inch 1 depth (feet) from 0 to 0

screen type or open hole  
insert appropriate code below

ST BR HO  
STEEL BRASS OPEN HOLE  
PL OT  
PLASTIC OTHER

C2  
DEPTH (nearest ft.)  
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51

SLOT SIZE 1 2 3  
DIAMETER OF SCREEN (NEAREST INCH) 56 60

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.) W Q  
70 72 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3  
1 2

PUMPING TEST

HOURS PUMPED (nearest hour) 2

PUMPING RATE (gal. per min. to nearest gal.) 4

METHOD USED TO MEASURE PUMPING RATE Pack

WATER LEVEL (distance from land surface)

BEFORE PUMPING 20

WHEN PUMPING 16

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 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height)

+ above } LAND SURFACE: 1 (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)

Quarterhorse Dr  
Woods York  
17' 1" 1200'  
SEA

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 PRE-  
SENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF  
MY KNOWLEDGE.

DRILLERS IDENT. NO. 423

DRILLERS SIGNATURE  
(MUST MATCH SIGNATURE ON APPLICATION)

LD

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

COUNTY