

~~10/22/87~~
PM
10/22/87
11 AM

01-339649

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 40274

A 32710

DISTRICT 4th

DATE 10/16/87

DATE SYSTEM APPROVED 10/22/87

INSPECTOR RIF

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

{ I.C.O.P.
Time expired }

C. S. Zabel, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 15039 Oak Orchard Road, New Windsor, Maryland 21776 PHONE 875-2964

SUBDIVISION Albert Warfield Property ROAD 16400 Ed Warfield Rd LOT _____

PROPERTY OWNER Robert Vechery - 489-4401

ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 158 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place distribution box at perc hole number six, which is located 210 feet from the right lot line and 125 feet from the back lot line as seen when facing property from Ed Warfield Road. Install parallel trenches - 10' apart, center to center, funning along level ground toward back 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.

OKS

PLANS APPROVED BY C. Williams DATE 5/05/83

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 TRENCH(IES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(IES).

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.

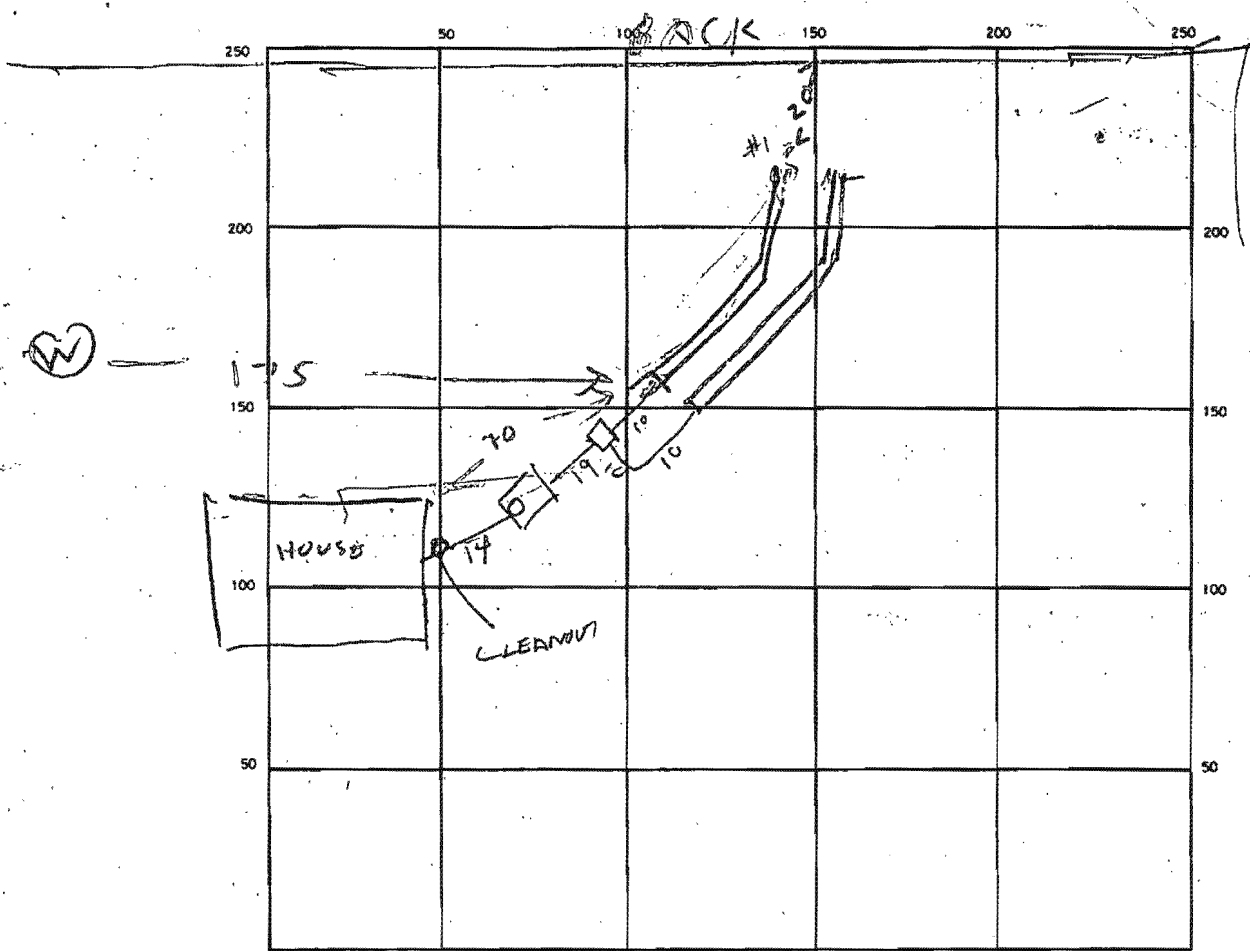
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 32710



ED WARFIELD RD

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SEPTIC TANK LEVEL OK 1250 CLEANOUTS ST OK

DISTRIBUTION BOX LEVEL _____

DRAIN FIELD/TILE FIELD. DEPTH 1 1/2 FT. TRENCH WIDTH 2 1/2 FT. INLET DEPTH 3 1/2 FT.
 EFFECTIVE GRAVEL DEPTH 4 1/2 FT. TOTAL LENGTH 87 1/2 FT. 3
 NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 676 / 6350 FT.
 INSTALL REQUIRED

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

ABSORBENT AREA _____ SQ. FT.

REMARKS 10/20/97 LOCATION OK TRENCHES NUB ADD STONE FINISH JOB
CALL BH 10/20/97 TRENCHES OK

DATE SYSTEM APPROVED 10/22/97

INSPECTOR Raymond Hodges

10/24/87
11/18/87

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 # 40673
Date 10/16/87
Name of Installer C. Stephen Zabel Telephone 875-2964
License Number 6038
Certified Well Pump Installer Well Driller Registered Plumber
Name of Property Owner Robert Vrechev Telephone _____
Subdivision _____ Lot # _____ Well Tag # _____
Site Address 16400 Ed Warfield Rd.

Pump Motor Pitless Adapter
1. Type a. Deep well jet _____ b. Shallow well jet _____ c. Submersible
2. Make Gould
3. Model # 1/2
4. Capacity 5 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 _____
1. Horsepower 1/2
2. RPM _____
3. Voltage _____
a. 110 _____
b. 220
1. Make harvard
2. Model # _____
3. Depth 42"

Tank Piping Well data
1. Capacity 42 Equivalent
2. Pressure relief valve?
1. Type Orangeburg
2. Size 1"
3. NSF and/or BOCA Code approved
4. Depth of supply line 42"
1. Depth 200 ft.
2. Yield 8 GPM
3. Static water level 15 ft.
4. Will water supply be disinfected by installer? Yes

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: C. Stephen Zabel
Date: _____

10/22/87 OR TO
COVER OUTSIDE WORK
PRESSURE TANK CAN BE
CHECKED LATER RW

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

Per

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 32710

P _____

DISTRICT 4th

DATE 5/3/83

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: Albert Warfield, Jr. property Robert Vechemy
Dick Bittner - Realtor

ADDRESS _____ PHONE 730-3456

PROPERTY LOCATION:

SUBDIVISION 16900 LOT NO. _____

ROAD AND DESCRIPTION Ed Warfield Road

SIZE OF LOT 7 1/2 acres 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/ Dick Bittner for Albert G. Warfield, III

(SIGNATURE OF APPLICANT)

APPROVED BY C. Williams FOR TRENCHES DATE 5-5-83

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS HOLD FOR PLAT, LOCATIONS C. Williams DATE 5-3-83

REASONS FOR REJECTION OR HOLDING _____

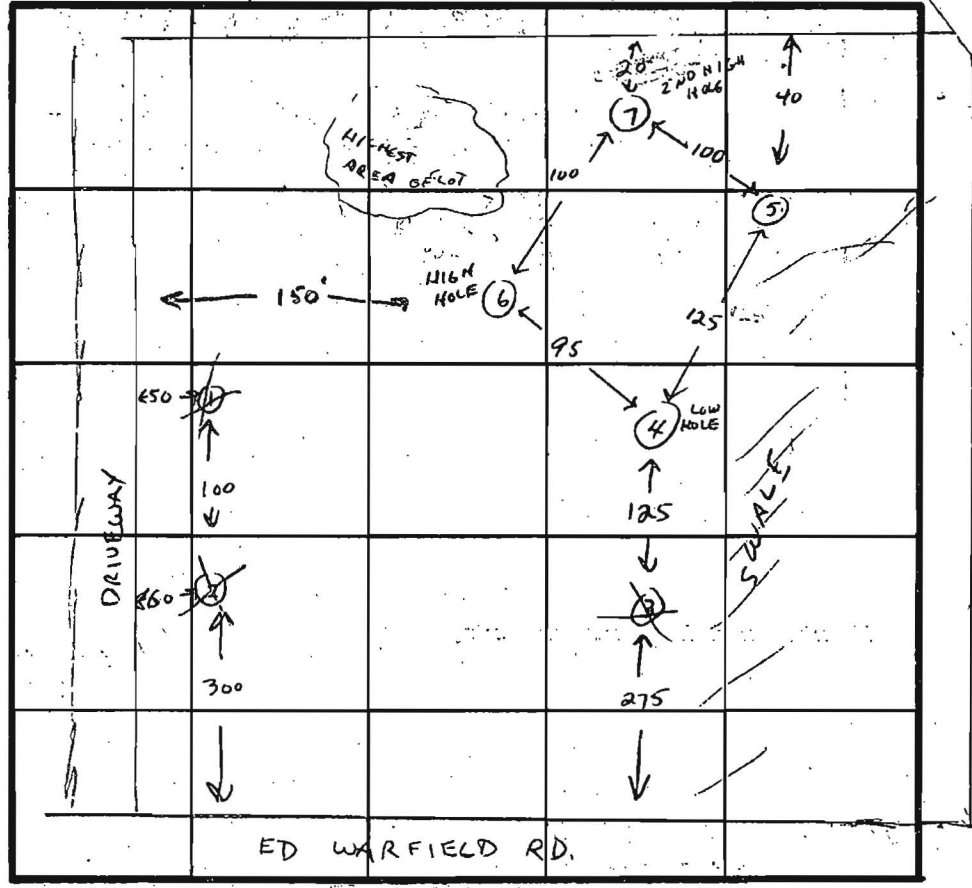
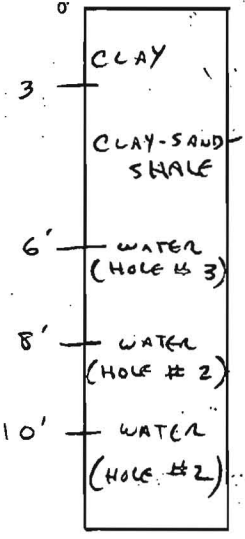
LOG. PERMIT SIGNED
AND RETURNED 5-27-83
886
BPH/10731

THIS IS NOT A PERMIT

ALBERT WARFIELD PROP. 7.2 ACRES

HOLES 1-2-3

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

HOLES 4-5-6-7

3' CLAY
 CLAY-SAND-SHALE MIX.

11 WATER IN HOLES 4 & 5
 12 NO WATER IN HOLES 6 & 7

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-2-83	1	3' CLAY	THEN	CLAY-SAND-SHALE	- WATER AT 10'		
5-2-83	2	MOSTLY	CLAY	- WATER AT 8'			
5-2-83	3	WATER	AT 6'				
5-2-83	4	3	2:01	2:05	2:05	2:12	7 MIN
		11	CLAY-SAND-SHALE MIX		WATER AT 11'		
5-2-83	5	3	2:03	2:07	2:07	2:15	8 MIN
		12	CLAY-SAND-SHALE MIX		WATER AT 11'		
5-2-83	6	3	2:16	2:20	2:20	2:26	6 MIN
		12	CLAY-SAND-SHALE MIX		NO WATER		
5-2-83	7	3	V CLAY-SAND MIX - OK.				
		12	CLAY-SAND-SHALE MIX		NO WATER		

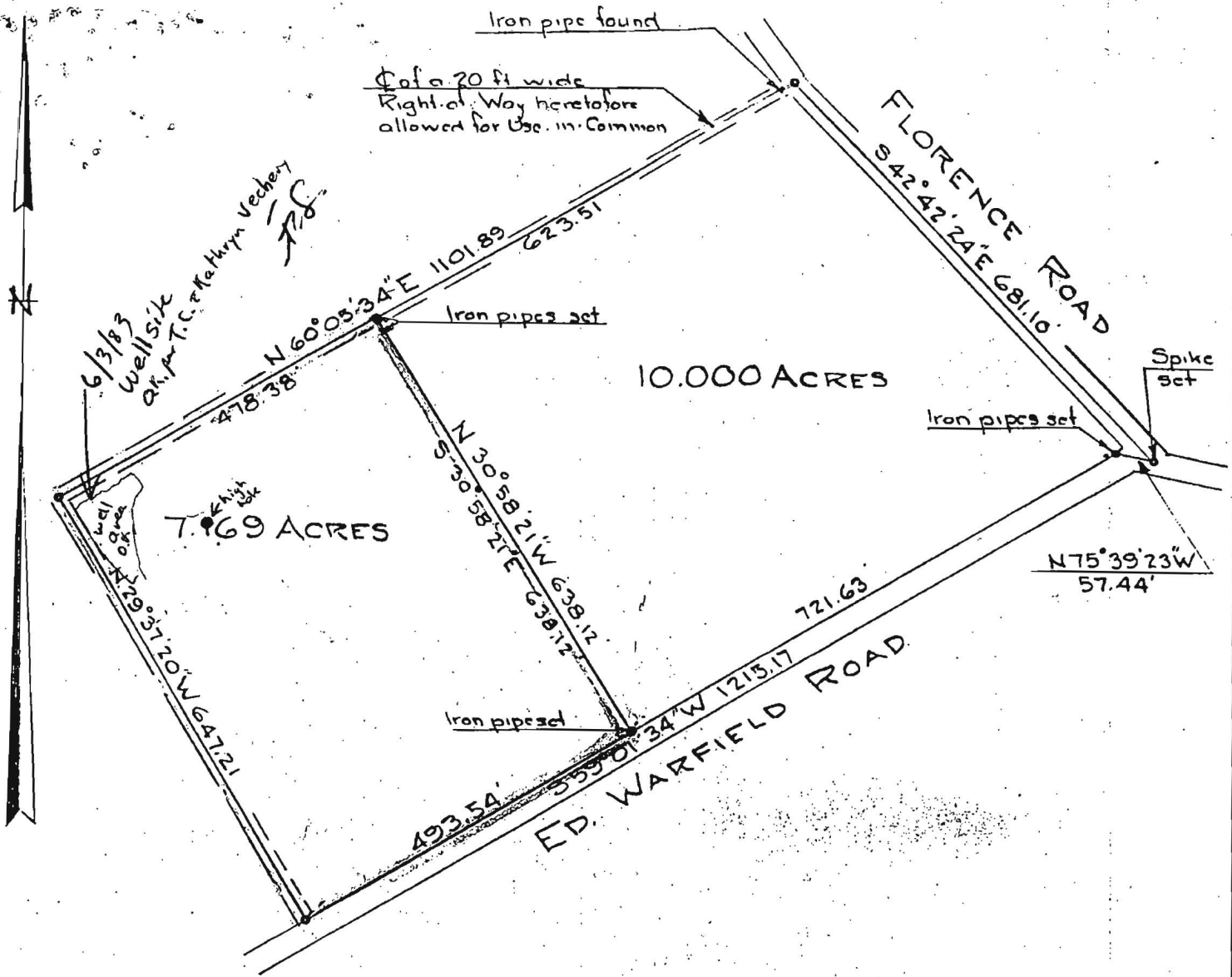
REMARKS OK FOR STEEL PILES

TYPE OF SOIL CLAY-SAND-SHALE MIXED

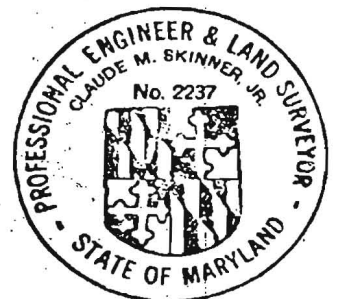
TESTED BY *C. Williams*

ALSO PRESENT HERMAN SIRK

EH-12-1079



PLAT OF SURVEY
FOR
ALBERT G. WARFIELD
FOURTH ELECTION DIST. HOWARD CO.
WOODBINE, MARYLAND.
SCALE: 1 IN. = 200 FT. MARCH 29, 1978



Claude M. Skinner, Jr.
A. 4151

20

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 A 3 2 7 1 0

DATE RECEIVED

DATE WELL COMPLETED 06/13/83

DEPTH OF WELL 200 (TO NEAREST FOOT)

PERMIT NO. FROM 'PERMIT TO DRILL WELL' H0-81-0125

OWNER: Vechery (last name), Kathryn (first name), Ed Warfield (last name), Kathryn (first name), TOWN: Daisy, SUBDIVISION: taxmap 13, parcel 44, SECTION: , LOT:

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

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include TOP SOIL, CLAY, SHALEY, CLAY, SAND STONE, MICA, SAND STONE, MICA, SAND STONE, MICA, QUARTZ, MICA, MICA & FLINT, MICA.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box)

TYPE OF GROUTING MATERIAL CEMENT CM, BENTONITE CLAY BC, NO. OF BAGS 34, NO. OF ROUNDS 3400, GALLONS OF WATER 180, DEPTH OF GROUT SEAL (to-nearest foot) from 0 to 75 ft.

CASING RECORD casing types insert appropriate code below. Codes: ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER).

MAIN CASING Nominal diameter top (main) casing (nearest inch) 5, Total depth of main casing (nearest foot) 97.

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

SCREEN RECORD screen type or open hole insert appropriate code below. Codes: ST (STEEL), BR (BRASS), PL (PLASTIC), HO (HOLE), OT (OTHER).

DEPTH (nearest ft.) H0 95, 200, 36. 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.), WQ (OTHER DATA).

C 3

PUMPING TEST HOURS PUMPED (nearest hour) 3, PUMPING RATE (gal. per min. to nearest gal.) 8, METHOD USED TO MEASURE PUMPING RATE BUCKET, WATER LEVEL (distance from land surface) BEFORE PUMPING 15, WHEN PUMPING 33, TYPE OF PUMP USED (for test) 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, - below; LAND SURFACE 2 (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). 50' WELL, EDWARD FIELD RD.

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.

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).

B. 1 5001

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

40-81-0125

fill in this form completely

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

please print or type

Date Received

052383

OWNER INFORMATION

VECHERY KATHRYN

1019 KATHRYN ROAD

SILVER SPRING MD 20904

DRILLER INFORMATION

GEORGE F. EASTERDAY

L.F. EASTERDAY, INC.

9465 BROWN CHURCH RD. RT. 4, MD. 21771

George F. Easterday 5/17/83

B. 3

LOCATION OF WELL

HOWARD

TWP MAP 13 PARCEL 44

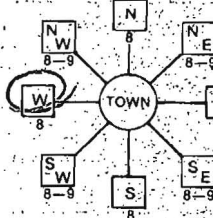
SECTION 44

DANESN

MILES FROM TOWN (enter 0 if in town) 1 MI

B. 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



ED Warfield Road

NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



600

DISTANCE FROM ROAD

ENTER FT or MI FT

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD

COUNTY NAME

A 32710

COUNTY NO.

OEP SIGNATURE

DATE ISSUED

060383

Frank Sherrin

12/3/83

NORTH GRID 531 000

EAST GRID 0775 000

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)

PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)

TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 200 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

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 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. 40-81-0125

SPECIAL CONDITIONS

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

7705

5301

Location OK
97' casing
1 1/2' above gr
75' - open
34' - bags cement

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

