

C 1 **5157** 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 **A49892**

ST/CO USE ONLY
 DATE Received [] [] [] [] [] [] [] []
 DATE WELL COMPLETED **050677**

Depth of Well
 22 **700** 26
 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
40-24-0057

OWNER **Schuster Constance**
 STREET OR RFD last name **Mt. Katoe 94** first name **Lisbon** TOWN
 SUBDIVISION **Pearce** SECTION **1** LOT **2**

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	
red clay	2	6	
brown shale	6	18	
Red shale	18	25	
brown slate	25	48	
Mica	48	65	
brown slate	65	72	✓
Mica	72	400	

GROUTING RECORD
 WELL HAS BEEN GROUTED **Y** **N**
 (Circle Appropriate Box)
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **10** NO. OF POUNDS **350**
 GALLONS OF WATER
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **78** 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 top (main) casing (nearest inch) **5 1/2** Total depth of main casing (nearest foot) **374**
 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

EACH SCREEN	DEPTH (nearest ft.)	
	1	2
1	40	30
2		
3		

SLOT SIZE 1 _____ 2 _____ 3 _____
 DIAMETER OF SCREEN _____ (NEAREST INCH)
 from _____ to _____

C 3

PUMPING TEST
 HOURS PUMPED (nearest hour) **0**
 PUMPING RATE (gal. per min. to nearest gal.) **11**
 METHOD USED TO MEASURE PUMPING RATE **Bucket**
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING **33**
 WHEN PUMPING **174**
 TYPE OF PUMP USED (for test)
A air **P** piston **T** turbine
C centrifugal **R** rotary **O** other (describe below)
J jet **S** submersible

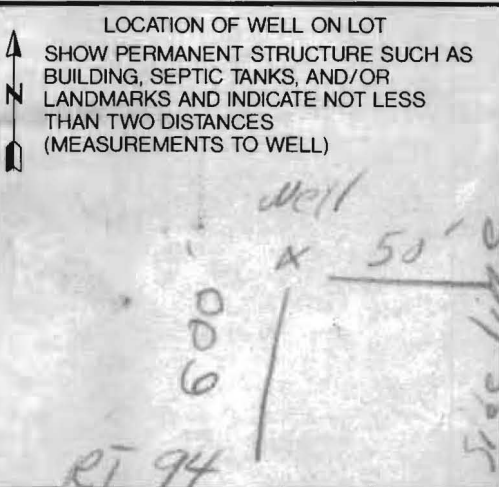
PUMP INSTALLED
 DRILLER WILL INSTALL PUMP YES **NO**
 (CIRCLE) (YES or NO)
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) _____
 PUMP HORSE POWER _____
 PUMP COLUMN LENGTH (nearest ft.) _____
 CASING HEIGHT (circle appropriate box and enter casing height)
+ above } LAND SURFACE
- below } _____ (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 26.04.04 - "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 _____
 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
 TELESCOPE CASING LOG INDICATOR OTHER DATA



B 1 **07711** 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
40-99-0078
fill in this form completely

Date Received (APA)
050299

OWNER INFORMATION

SCHUSTER, CONSTANCE
Last Name Owner First Name

3273 DARVILE CT
Street or RFD

GLENWOOD MD 21178
Town State Zip

B 3 **LOCATION OF WELL**

HOWARD
8 COUNTY

LISBON
52 NEAREST TOWN

SECTION 44 46 LOT 48 50
NEAR WHAT ROAD

4000
DISTANCE FROM ROAD

MI
ENTER FT or MI

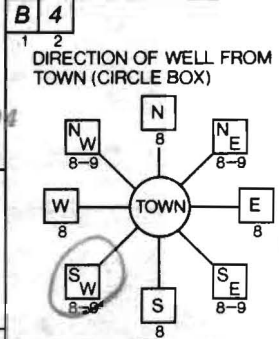
DRILLER INFORMATION

George F. Easterday
Driller's Name

L. Franklin Easterday, Inc.
Firm Name

9265 Brown Church Rd., Mt. Airy, Md. 21771
Address

4/28/94
Date



NEAR WHAT ROAD
RD ROUTE 94

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

WEST **S** **EAST**

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)

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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard **A 49892**
COUNTY NAME COUNTY NO.

STATE SIGNATURE **INSERT S**

DATE ISSUED **5/12/95**
CO SIGNATURE EXP. DATE

NORTH GRID 543000 EAST GRID 6771000

APPROXIMATE DEPTH OF WELL **200** FEET

APPROXIMATE DIAMETER OF WELL **6** NEAREST 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

WRITE THE BOX NUMBER FROM THE MAP HERE

7701
5403

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

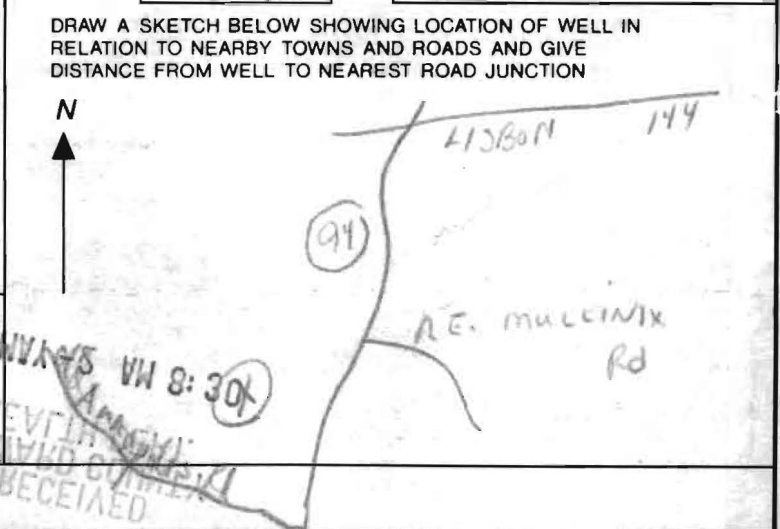
N THIS WELL WILL NOT REPLACE AN EXISTING WELL

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 DEEPEMED AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)



Not to be filled in by driller (OEP USE ONLY)

APPROX. PERMIT NUMBER **GAP**

FORCE **RP** **WRITE INITIALS IN BOX** **PERMIT No. 40-99-0078**

SPECIAL CONDITIONS

is in
 ge scheduled
 ate of
 Well Kopp

Wednesday
 8:00 6/18/94

over 5922
 Review OK RP 7/6/94
 313-2648

FIELD DATA SHEET
 HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-0078
 Location of property (road) Md Route 94
 Subdivisic Pearre Property Lot Block Plat Sec.
 Well Driller G. Esterday Owner Constance Schacter
 Depth of well 400 16PM
 Distance of measuring point (M.P.) above ground 2
 Static water level (S.W.L.) below M.P. 35

I. High rate pumping -- reservoir drawdown

Time pump started 7:55 Pumping rate 12 G.P.M.
 Total time 35 MIN to reach pumping water level 172 ft. below M.P.

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

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:30	172	40 sec.	Pump reading 550	1.5 G.P.M.
8:45	172	40 "	See Holland	1.5 "
9:00	172	40 "		1.5 "
9:15	172	40 "		1.5 "
9:30	172	40 "		1.5 "
9:45	172	40 "		1.5 "
10:00	172	40 "		1.5 "
10:15	172	40 "		1.5 "
10:30	172	40 "		1.5 "
10:45	172	40 "		1.5 "
11:00	172	40 "		1.5 "
11:15	172	40 "		1.5 "
11:30	172	40 "		1.5 "
11:45	172	40 "		1.5 "
12:00	172	40 "		1.5 "
12:15	172	40 "		1.5 "
12:30	172	40 "		1.5 "
12:45	172	40 "		1.5 "
1:00	172	40 "		1.5 "
1:15	172	40 "		1.5 "
1:30	172	40 "		1.5 "
1:45	172	40 "		1.5 "
2:00	172	40 "		1.5 "
2:15	172	40 "		1.5 "
10-224 2:30	172	40 "		1.5 "

A 49892

SUBDIVISION: Pearre Prop.

LOT NUMBER:

Rte. 94 (SW of AE Mullinix Rd)

DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

_____ sq. ft./bedroom

Trench to be 3' wide.

Inlet 2 feet below original grade.

Bottom maximum depth 4 feet below original grade.

Effective area begins at 2 feet below original grade.

4 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: Place the distribution box 140' from the left (845.57') lot line and 195' from the left-rear (500.18') lot line as seen when facing the lot from Rte. 94. Run trenches along contour lines in both directions.

DKS 5/6/94
Spec Check OK [Signature]