

C1 3850

SEQUENCE NO. (OEP USE ONLY)

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 37265

DATE RECEIVED

8 13

DATE WELL COMPLETED

0 3 1 2 8 7

Depth of Well

22 4 7 3 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"

Ho-81-1847

OWNER LILLIEFIELD CARRETT last name first name STREET OR RFD RESERVOIR RD TOWN FULTON SUBDIVISION LILLIEFIELD SECTION LOT 4

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 Soft Brown Mica, Blue Mica Schist, Brown Mica, Blue Mica Schist, Opening, Blue Mica Schist.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N

TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 17 NO. OF POUNDS 1598 GALLONS OF WATER 102 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 4 ft.

CASING RECORD casing types insert appropriate code below STEEL CONCRETE PLASTIC OTHER

MAIN CASING Nominal diameter Total depth top (main) casing of main casing TYPE (nearest inch) (nearest foot)

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

SCREEN RECORD screen type or open hole insert appropriate code below STEEL BRASS OPEN HOLE PLASTIC OTHER

Table for screen depth with columns for depth (nearest ft.) and rows for each screen section.

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED ELECTRIC LOG OBTAINED 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...

DRILLERS IDENT. NO. 256 Dana Kyker, Jr. II 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.) WQ TELESCOPE CASING LOG INDICATOR OTHER DATA

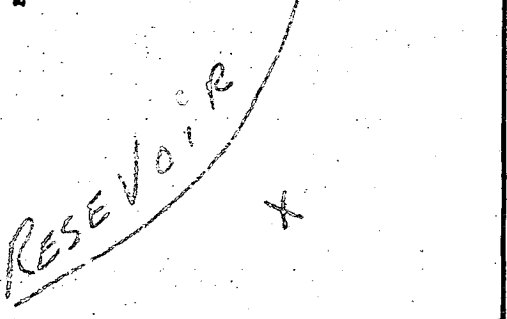
PUMPING TEST

HOURS PUMPED (nearest hour) PUMPING RATE (gal. per min. to nearest gal.) METHOD USED TO MEASURE PUMPING RATE Submersible WATER LEVEL (distance from land surface) BEFORE PUMPING WHEN PUMPING TYPE OF PUMP USED (for test) air piston turbine centrifugal rotary other submersible jet

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) LAND SURFACE (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)



**B 1** 5427 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

HO-81-1887  
fill in this form completely

**Date Received** 1 2 3 6 8 13 16 19 22 25 28 31 34 37 40 43 46 49 52 55 58 61 64 67 70 73 76

**OWNER INFORMATION**

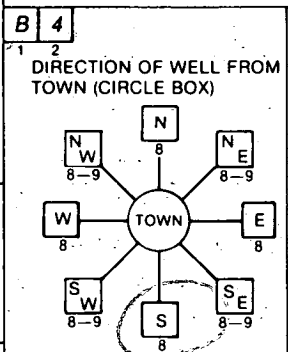
15 Last Name: GIORGI  
Owner  
First Name: TOWN  
Street or RFD:  
Town: State: Zip:

**B 3** LOCATION OF WELL

1 2 8 COUNTY: DISTRICT: 21  
23 SUBDIVISION: 42  
SECTION: 44 46 LOT: 48 50  
52 NEAREST TOWN: FULTON 71  
MILES FROM TOWN (enter 0 if in town): 1.5 MI 73 76 77 78

**DRILLER INFORMATION**

Driller's Name: Dana Kyker, Sr. II License No. 80  
Firm Name: Westminster Rotary Well Drilling, Inc.  
Address: P.O. Box 4361, Westm. Md. 21157  
Signature: Dana Kyker, Jr. Date: 10/30/86



11 NEAR WHAT ROAD: Rosevoir Road 30  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX):  
NORTH, WEST, EAST, SOUTH  
34 DISTANCE FROM ROAD: 27 37  
ENTER FT or MI: 27 38 39

**B 2** WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.): 5 8 12  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 550 14 20

**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

County Name: Har. Co. County No. A37625  
OEP SIGNATURE: DATE ISSUED: 10/30/86  
CO SIGNATURE: EXP. DATE:  
NORTH GRID: 473000 EAST GRID: 0813000

APPROXIMATE DEPTH OF WELL: 250 FEET 24 28

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:

**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 IN BOX: CG PERMIT No. AC-81-1887

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER:  
1. CITY  
2.  
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

310  
470

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

**SPECIAL CONDITIONS**

3-12-87

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-1887  
 Location of property (road) RESEVOIR RD.  
 Subdivision LILLIENFIELD Lot 4 Block      Plat      Sec.       
 Well Driller KYKER Owner LAWRENCE LILLIENFIELD

Depth of well 478'  
 Distance of measuring point (M.P.) above ground 2'  
 Static water level (S.W.L.) below M.P. 39

I. High rate pumping -- reservoir drawdown

Time pump started 8:20 Am Pumping rate 15  
 Total time 60 to reach pumping water level 2400 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 $\frac{1}{2}$ gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:20	39	4 Sec.		15
8:35	127	4 Sec.		15
8:50	209	5 Sec.		12
9:05	290	5 Sec.		12
9:20	<u>360</u>	6 Sec.		10
9:35	402	20 Sec.		3
9:50	400	20 Sec.	on a 1 gal/min	3
10:05	398	20 Sec.	Need 255' drawdown	3
10:20	396	20 Sec.	to get 500	3
10:35	395	20 Sec.		3
10:50	394	20 Sec.		3
11:05	393	20 Sec.		3
11:20	392	20 Sec.		3
11:35	391	20 Sec.	500 gal	3
11:50	390	20 Sec.	Storage cap	3
12:05	389	20 Sec.		3
12:20	388	20 Sec.	2 period once every 24 hours	3
12:35	387	20 Sec.		3
12:50	386	20 Sec.		3
1:05	385	20 Sec.	180	3
1:20	384	20 Sec.	x2	3
1:35	383	20 Sec.	360 gal	3
1:50	382	20 Sec.	480	3
2:05	381	20 Sec.	840 gal	3

1' drawdown =  $1\frac{1}{2}$  gal



