

8/19/87 PM

05-399041

## PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

INDEXED

P 38854A 34904DISTRICT 5thDATE 3/5/87DATE SYSTEM APPROVED 8/19/87INSPECTOR (BW)Jack FyockIS PERMITTED TO INSTALL X ALTERADDRESS \_\_\_\_\_ PHONE 988-9270SUBDIVISION Greenefields ROAD 6561 Prestwick Drive LOT 4PROPERTY OWNER Rzepkowski

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES \_\_\_\_\_ NO XSEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 158 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 4 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 155 feet from the front 200' lot line and 140 feet from the left (354') lot line as seen when facing the lot from Prestwick Drive. Run trenches on contour toward the right lot line. Maintain septic tank 100 feet from well.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

OK  
8/14PLANS APPROVED BY S. Abel DATE 2/13/86

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(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 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.

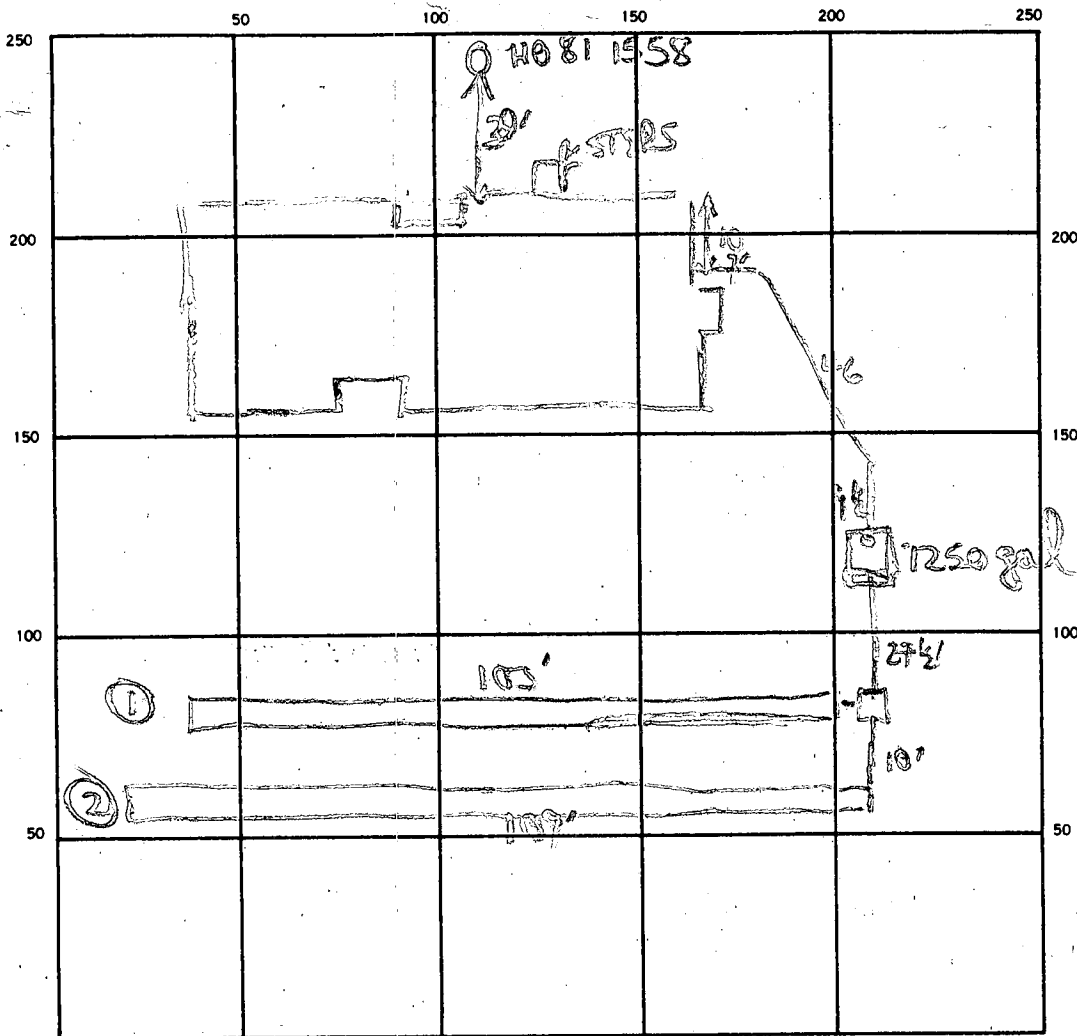
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A  
34904



INDICATE NORTH — NAME ADJOINING ROADWAY AS BASE LINE.

PRESTWICK DR.

632 min

SEPTIC TANK, LEVEL 1250 gal CLEANOUTS 50T.

DISTRIBUTION BOX, LEVEL ✓ w/ 20%

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

EFFECTIVE GRAVEL DEPTH 1 1/2 1 1/2 FT. TOTAL LENGTH 103 109 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 309 + 327 SQ. FT.

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

ABSORBENT AREA 636 SQ. FT.

REMARKS 8/19/87 OK to add stone pipe paper to both  
trenches. OK to cover all trenches.  
8/19/87 OK to cover trenches & all other work

DATE SYSTEM APPROVED 8/19/87 INSPECTOR B. N. W. J. W.

SUBDIVISION: Green Fields  
Sec 1

LOT NUMBER: 4  
Sec. 1

DRY WELL OR DRY WELL AND TRENCH

|           | <u>Septic Tank</u> | <u>sq. ft./bedroom</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

158 sq. ft./bedroom

Trench to be 3 wide.  
Inlet 3 feet below original grade.  
Bottom maximum depth 4.5 feet below original grade.  
Effective area begins at 4 feet below original grade.  
1.5 feet of stone below distribution pipe.

B.P. # 8596

- 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 absorbant sidewall area by 22%.

LOCATION: PLACE THE DISTRIBUTION BOX 155 FEET FROM THE FRONT (195') LOT  
LINE AND 140 FEET FROM THE LEFT (368') LOT LINE AS SEEN WHEN  
FACING THE LOT FROM ALESWICK DR. RUN TRENCHES ON CONTOUR  
TOWARD THE RIGHT LOT LINE. MAINTAIN SEPTIC TANK 100 FEET FROM  
WELL. 2-13-86. S.A.R.

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 34904

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT 5

DATE 3-29-85

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~~ DEVELOPER Prestwick Drive Joint Venture The Ryedkowski Co. Inc.  
647-2256

ADDRESS Box 196, Clarksville, Maryland 21029 PHONE 854-0498

PROPERTY LOCATION:

SUBDIVISION Ralph Greene Property GREENE NEW LOT 4  
Sec. FJHS Sec. 1 LOT NO. ON FINAL

ROAD AND DESCRIPTION End of Prestwick Drive 6561

SIZE OF LOT 3 acres TYPE BLDG. single family  
(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.

(SIGNATURE OF APPLICANT)

APPROVED BY Sidney Abel FOR Shallow Tide fields DATE 2-13-86

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

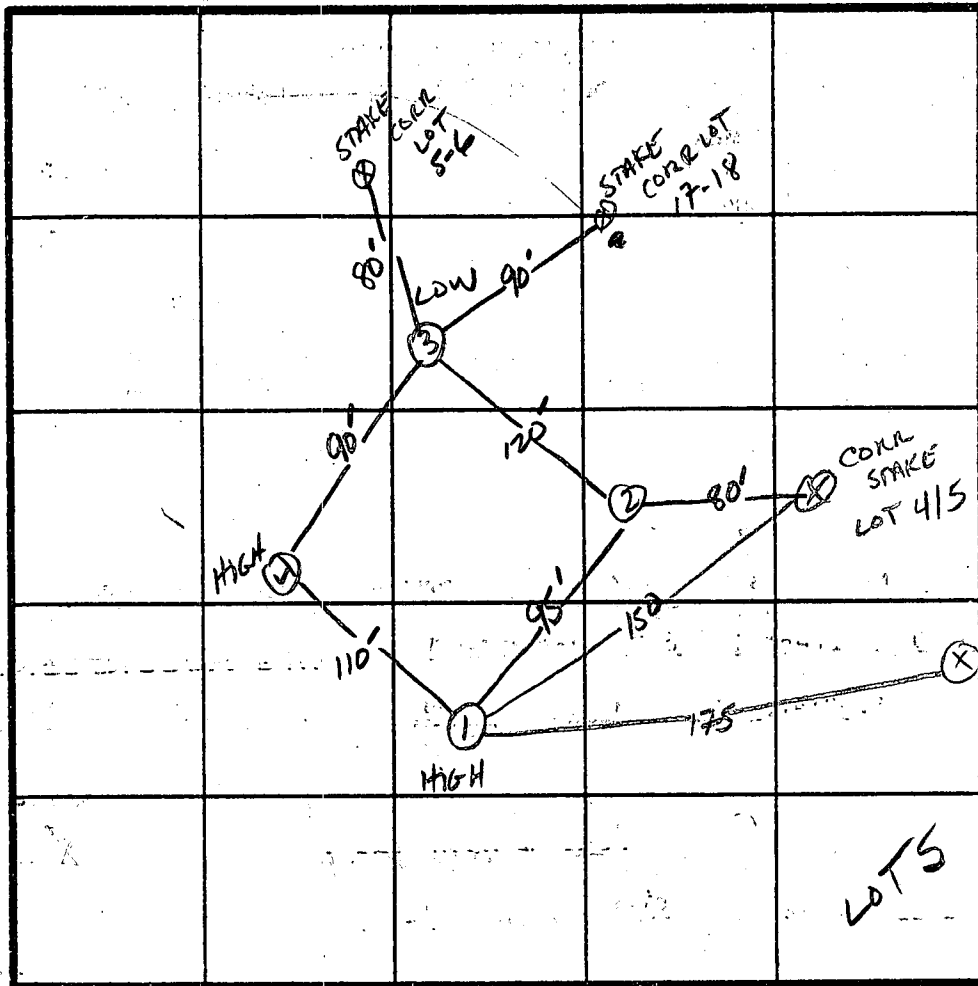
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 4-4-85 SATISFACTORY PERC. WATER IN 2 HOLES, HOLD FOR REVIEW, HOLD  
FOR SUBDIVISION PLAT, CERTIFIED HOLE, HOUSE AND WELL LOCATION, 8/1/85  
PERC REVIEWED OK 4/23/85 C. WILKINSON B.P. 8596

## THIS IS NOT A PERMIT

① ② ③ ④  
SOIL PROFILE

9" AP  
BROWN CLAY  
LOAM 10%  
SAPROLITE  
BROWN SILTY  
SAND  
10-20%  
SAPROLITE  
12.5'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

River Clyde DR

| DATE   | TEST NO. | DEPTH | PRE-WET  |      | TEST - 1" DROP |      | TIME  |
|--------|----------|-------|--|------|----------------|------|-------|
|        |          |       | START  | STOP | START          | STOP |       |
| 4/4/65 | 15       | 5'    | 2:03   | 2:07 | 2:07           | 2:16 | 9 min |
|        | 14       | 12.5' | UNIFORM SOIL STRUCTURE Below 4'                |      |                |      |       |
|        | 25       | 4.5'  | 2:13   | 2:14 | 2:14           | 2:16 | 2 min |
|        | 2V       | 12'   | WATER AT 11.5' UNIFORM SOIL Below 4'           |      |                |      |       |
|        | 35       | 5'    | 2:18   | 2:20 | 2:20           | 2:24 | 4 min |
|        | 3V       | 12'   | WATER AT 11' UNIFORM SOIL STRUCTURE Below 3.5' |      |                |      |       |
|        | 45       | 4'    | 2:24   | 2:25 | 2:25           | 2:28 | 3 min |
|        | 4V       | 12'   | UNIFORM SOIL STRUCTURE Below                   |      |                |      |       |
|        |          |       |  |      |                |      |       |
|        |          |       |  |      |                |      |       |
|        |          |       |  |      |                |      |       |
|        |          |       |  |      |                |      |       |
|        |          |       |  |      |                |      |       |
|        |          |       |  |      |                |      |       |
|        |          |       |  |      |                |      |       |
|        |          |       |  |      |                |      |       |
|        |          |       |  |      |                |      |       |

X PERC  
5 min  
INLET  
3'  
BOTTOM  
4.5'  
1580/BR

(DOT → H<sub>2</sub>O 7')

REMARKS

BOTTOM MAX 4.0' SHALLOW SYSTEM

TYPE OF SOIL

TESTED BY

Stall

Richard Demitt, Ralph Green  
ALSO PRESENT C.C. S.F.L.

DATE \_\_\_\_\_

Howard County Health Officer

I certify that the perc test  
holes were field located.

Jefferson D. Lawrence  
MD Reg. PLS # 5216



LOT 3

LOT 5

LOT 4  
3.0 ACRES

PROP.  
WELL  
4830

$$\begin{array}{r} 48301 \\ \hline 470 \end{array}$$

SEPTIC  
AREA

2001-

TANK  
 $\text{TOP} = 476 = 472.6$   
 $\text{INV} = 476 \rightarrow$   
 $\text{INV} = 474 = 472.6$   
 $(1250 \text{ GAL}) = 48R$

PRESTWICK (GOLF/W)

## PLAN

SCALE: 1" = 50'

# SITE DEVELOPMENT PLAN



17904 GEORGIA AVENUE \* 102  
OLNEY, MARYLAND 20832  
301- 924-4570

LOT 4  
GREENFIELD FIELDS  
CLARKSVILLE ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

DATE  
OCT. 26  
DRAWN  
M.A.M.  
CHECKED  
J.D.L.  
SCALE  
1" = 50'

Sheet  
1  
of 1  
PROJECT NC  
153-03

Joseph A. Applebush -  
10/9/80

|  |      |   |   |                   |
|--|------|---|---|-------------------|
| B 1  | 4473 | SEQUENCE NO.<br>(OEP USE ONLY)  | STATE OF MARYLAND<br>PERMIT TO DRILL WELL | OEP PERMIT NUMBER |
| (THIS NUMBER IS TO BE PUNCHED<br>IN COLS. 3-6 ON ALL CARDS)  |      | please print or type  |   |                   |
| Date Received<br><div style="border: 1px solid black; padding: 2px;"> <div style="display: flex; justify-content: space-between;"> <span>1</span><span>2</span><span>3</span><span>6</span> </div> <div style="display: flex; justify-content: space-between;"> <span>8</span><span>13</span> </div> </div>  |      | OWNER INFORMATION<br><div style="border: 1px solid black; padding: 2px;"> <div style="display: flex; justify-content: space-between;"> <span>15</span><span>34</span> </div> <div style="display: flex; justify-content: space-between;"> <span>36</span><span>55</span> </div> <div style="display: flex; justify-content: space-between;"> <span>57</span><span>76</span> </div> </div> |   |                   |
| DRILLER INFORMATION<br>Driller's Name <u>George P. Easterday</u><br>Firm Name <u>L. Franklin Easterday, Inc.</u><br>Address <u>9265 Brown Ch. Rd., Mt. Airy, Md. 21771</u><br>Signature <u>George P. Easterday</u> Date <u>6/2/86</u>  |      | LOCATION OF WELL<br>COUNTY <u>HOWARD</u><br>SUBDIVISION <u>GREENFIELD</u><br>SECTION <u>44</u> LOT <u>4</u><br>NEAREST TOWN <u>HIGHLAND</u><br>MILES FROM TOWN (enter 0 if in town) <u>1</u> MI   |   |                   |
| WELL INFORMATION<br>APPROX. PUMPING RATE (GAL. PER MIN.) <u>5</u><br>AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <u>500</u>   |      | DIRECTION OF WELL FROM TOWN (CIRCLE BOX)<br>  |   |                   |
| USE FOR WATER (CIRCLE APPROPRIATE BOX)<br><input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY).<br><input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)<br><input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)<br><input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)<br><input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT) |      | NOT TO BE FILLED IN BY DRILLER<br>HEALTH DEPARTMENT APPROVAL<br>COUNTY NAME <u>HOWARD</u> COUNTY NO. <u>A-34904</u><br>OEP SIGNATURE <u>A. Wilson</u> STATE HEALTH INSERT S <input type="checkbox"/><br>DATE ISSUED <u>06/16/86</u> CO SIGNATURE <u>A. Wilson</u> EXP. DATE <u>12/16/86</u><br>NORTH GRID <u>494000</u> EAST GRID <u>0811000</u>  |   |                   |
| APPROXIMATE DEPTH OF WELL <u>200</u> FEET<br>APPROXIMATE DIAMETER OF WELL <u>6</u> INCH  |      | SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X<br>SOURCES OF DRILLING WATER<br>1. <u>WELL</u><br>2. <u>WELL</u><br>3. <u>WELL</u><br>WRITE THE BOX NUMBER FROM THE MAP HERE<br><div style="border: 1px solid black; padding: 5px; display: inline-block;">             E <u>811</u><br/>             N <u>494</u> </div>  |   |                   |
| METHOD OF DRILLING (circle one)<br><input checked="" type="checkbox"/> BORED (or Augered) <input type="checkbox"/> JETTED <input type="checkbox"/> Jetted & DRIVEN<br><input checked="" type="checkbox"/> AIR-ROTARY <input type="checkbox"/> AIR-PERCussion <input type="checkbox"/> ROTARY (Hydraulic Rotary)<br><input type="checkbox"/> CABLE <input type="checkbox"/> REVERSE-ROTARY <input type="checkbox"/> DRIVE-POINT<br>other _____  |      | DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION<br>   |   |                   |
| REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)<br><input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL<br><input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED<br><input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY<br><input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL<br>PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____   |      | Not to be filled in by driller (OEP USE ONLY)<br>APPROP. PERMIT NUMBER _____ GAP _____<br>FORCE <u>2A</u> INITIALS <u>IN BOX</u> PERMIT NO. <u>HO-81-1558</u><br>SPECIAL CONDITIONS   |   |                   |

| <b>C1</b> 00585<br><small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</small>  | SEQUENCE NO.<br><small>(OEP USE ONLY)</small> | <b>STATE OF MARYLAND</b><br><b>WELL COMPLETION REPORT</b><br>FILL IN THIS FORM COMPLETELY<br>PLEASE PRINT OR TYPE   | THIS REPORT MUST BE SUBMITTED WITHIN<br>45 DAYS AFTER WELL IS COMPLETED.<br>COUNTY NUMBER <b>A-34904</b><br>PERMIT NO.<br>FROM "PERMIT TO DRILL WELL"<br><b>HO-81-1558</b> |           |                        |            |    |          |   |   |  |      |   |   |  |        |   |    |  |            |    |    |  |      |    |    |  |            |    |    |   |              |    |    |  |       |  |  |  |  |  |                 |                    |                   |                 |                 |                 |                     |                   |                 |  |
|---|---|---|--|-----------|------------------------|------------|----|----------|---|---|--|------|---|---|--|--------|---|----|--|------------|----|----|--|------|----|----|--|------------|----|----|---|--------------|----|----|--|-------|--|--|--|--|--|-----------------|--------------------|-------------------|-----------------|-----------------|-----------------|---------------------|-------------------|-----------------|--|
| DATE Received<br><div style="border: 1px solid black; display: inline-block; width: 40px; height: 20px;"></div>   | DATE WELL COMPLETED<br><b>081986</b>          | Depth of Well<br><b>400</b><br><small>(TO NEAREST FOOT)</small>   | FROM "PERMIT TO DRILL WELL"<br><b>HO-81-1558</b>   |           |                        |            |    |          |   |   |  |      |   |   |  |        |   |    |  |            |    |    |  |      |    |    |  |            |    |    |   |              |    |    |  |       |  |  |  |  |  |                 |                    |                   |                 |                 |                 |                     |                   |                 |  |
| OWNER <b>PZEPKOWSKI CO. BUILDERS</b><br>STREET OR RFD <b>RESTWICK DR.</b> TOWN <b>HIGHLAND</b><br>SUBDIVISION <b>GREENE FIELDS</b> SECTION _____ LOT <b>4</b>   |   |   |  |           |                        |            |    |          |   |   |  |      |   |   |  |        |   |    |  |            |    |    |  |      |    |    |  |            |    |    |   |              |    |    |  |       |  |  |  |  |  |                 |                    |                   |                 |                 |                 |                     |                   |                 |  |
| <b>WELL LOG</b><br>Not required for driven wells<br>STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING<br><table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">DESCRIPTION (Use additional sheets if needed)</th> <th colspan="2">FEET</th> <th rowspan="2">Check if water bearing</th> </tr> <tr> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr><td>Top Soil</td><td>0</td><td>2</td><td></td></tr> <tr><td>Clay</td><td>2</td><td>5</td><td></td></tr> <tr><td>Shaley</td><td>5</td><td>12</td><td></td></tr> <tr><td>Sand Stone</td><td>12</td><td>35</td><td></td></tr> <tr><td>Mica</td><td>35</td><td>45</td><td></td></tr> <tr><td>Sand Stone</td><td>45</td><td>48</td><td>✓</td></tr> <tr><td>Mica + Flint</td><td>48</td><td>90</td><td></td></tr> <tr><td>Mixed</td><td></td><td></td><td></td></tr> </tbody> </table> |   | DESCRIPTION (Use additional sheets if needed)   | FEET   |           | Check if water bearing | FROM       | TO | Top Soil | 0 | 2 |  | Clay | 2 | 5 |  | Shaley | 5 | 12 |  | Sand Stone | 12 | 35 |  | Mica | 35 | 45 |  | Sand Stone | 45 | 48 | ✓ | Mica + Flint | 48 | 90 |  | Mixed |  |  |  | <b>GROUTING RECORD</b><br>WELL HAS BEEN GROUTED (Circle Appropriate Box) <b>Y</b> <b>N</b><br>TYPE OF GROUTING MATERIAL<br>CEMENT <b>CM</b> BENTONITE CLAY <b>BC</b><br>NO. OF BAGS <b>6</b> NO. OF BOUNDS <b>600</b><br>GALLONS OF WATER <b>30</b><br>DEPTH OF GROUT SEAL (to nearest foot)<br>from <b>0</b> ft. to <b>18</b> ft.<br><small>(enter 0 if from surface)</small><br><b>CASING RECORD</b><br>casing types insert appropriate code below<br><table style="width:100%;"> <tr> <td><b>ST</b> STEEL</td> <td><b>CO</b> CONCRETE</td> </tr> <tr> <td><b>PL</b> PLASTIC</td> <td><b>OT</b> OTHER</td> </tr> </table> MAIN CASING TYPE <b>ST</b> Nominal diameter <b>6</b> Total depth of main casing (nearest foot) <b>40</b><br>OTHER CASING (if used) diameter inch _____ depth (feet) from _____ to _____<br><b>SCREEN RECORD</b><br>screen type or open hole insert appropriate code below<br><table style="width:100%;"> <tr> <td><b>ST</b> STEEL</td> <td><b>BR</b> BRASS</td> <td><b>HO</b> OPEN HOLE</td> </tr> <tr> <td><b>PL</b> PLASTIC</td> <td><b>OT</b> OTHER</td> <td></td> </tr> </table> |  | <b>ST</b> STEEL | <b>CO</b> CONCRETE | <b>PL</b> PLASTIC | <b>OT</b> OTHER | <b>ST</b> STEEL | <b>BR</b> BRASS | <b>HO</b> OPEN HOLE | <b>PL</b> PLASTIC | <b>OT</b> OTHER |  |
| DESCRIPTION (Use additional sheets if needed)   | FEET  |   | Check if water bearing   |           |                        |            |    |          |   |   |  |      |   |   |  |        |   |    |  |            |    |    |  |      |    |    |  |            |    |    |   |              |    |    |  |       |  |  |  |  |  |                 |                    |                   |                 |                 |                 |                     |                   |                 |  |
|   | FROM  | TO  |  |           |                        |            |    |          |   |   |  |      |   |   |  |        |   |    |  |            |    |    |  |      |    |    |  |            |    |    |   |              |    |    |  |       |  |  |  |  |  |                 |                    |                   |                 |                 |                 |                     |                   |                 |  |
| Top Soil  | 0   | 2   |  |           |                        |            |    |          |   |   |  |      |   |   |  |        |   |    |  |            |    |    |  |      |    |    |  |            |    |    |   |              |    |    |  |       |  |  |  |  |  |                 |                    |                   |                 |                 |                 |                     |                   |                 |  |
| Clay  | 2   | 5   |  |           |                        |            |    |          |   |   |  |      |   |   |  |        |   |    |  |            |    |    |  |      |    |    |  |            |    |    |   |              |    |    |  |       |  |  |  |  |  |                 |                    |                   |                 |                 |                 |                     |                   |                 |  |
| Shaley  | 5   | 12  |  |           |                        |            |    |          |   |   |  |      |   |   |  |        |   |    |  |            |    |    |  |      |    |    |  |            |    |    |   |              |    |    |  |       |  |  |  |  |  |                 |                    |                   |                 |                 |                 |                     |                   |                 |  |
| Sand Stone  | 12  | 35  |  |           |                        |            |    |          |   |   |  |      |   |   |  |        |   |    |  |            |    |    |  |      |    |    |  |            |    |    |   |              |    |    |  |       |  |  |  |  |  |                 |                    |                   |                 |                 |                 |                     |                   |                 |  |
| Mica  | 35  | 45  |  |           |                        |            |    |          |   |   |  |      |   |   |  |        |   |    |  |            |    |    |  |      |    |    |  |            |    |    |   |              |    |    |  |       |  |  |  |  |  |                 |                    |                   |                 |                 |                 |                     |                   |                 |  |
| Sand Stone  | 45  | 48  | ✓  |           |                        |            |    |          |   |   |  |      |   |   |  |        |   |    |  |            |    |    |  |      |    |    |  |            |    |    |   |              |    |    |  |       |  |  |  |  |  |                 |                    |                   |                 |                 |                 |                     |                   |                 |  |
| Mica + Flint  | 48  | 90  |  |           |                        |            |    |          |   |   |  |      |   |   |  |        |   |    |  |            |    |    |  |      |    |    |  |            |    |    |   |              |    |    |  |       |  |  |  |  |  |                 |                    |                   |                 |                 |                 |                     |                   |                 |  |
| Mixed   |   |   |  |           |                        |            |    |          |   |   |  |      |   |   |  |        |   |    |  |            |    |    |  |      |    |    |  |            |    |    |   |              |    |    |  |       |  |  |  |  |  |                 |                    |                   |                 |                 |                 |                     |                   |                 |  |
| <b>ST</b> STEEL   | <b>CO</b> CONCRETE                            |   |  |           |                        |            |    |          |   |   |  |      |   |   |  |        |   |    |  |            |    |    |  |      |    |    |  |            |    |    |   |              |    |    |  |       |  |  |  |  |  |                 |                    |                   |                 |                 |                 |                     |                   |                 |  |
| <b>PL</b> PLASTIC   | <b>OT</b> OTHER                               |   |  |           |                        |            |    |          |   |   |  |      |   |   |  |        |   |    |  |            |    |    |  |      |    |    |  |            |    |    |   |              |    |    |  |       |  |  |  |  |  |                 |                    |                   |                 |                 |                 |                     |                   |                 |  |
| <b>ST</b> STEEL   | <b>BR</b> BRASS                               | <b>HO</b> OPEN HOLE   |  |           |                        |            |    |          |   |   |  |      |   |   |  |        |   |    |  |            |    |    |  |      |    |    |  |            |    |    |   |              |    |    |  |       |  |  |  |  |  |                 |                    |                   |                 |                 |                 |                     |                   |                 |  |
| <b>PL</b> PLASTIC   | <b>OT</b> OTHER                               |   |  |           |                        |            |    |          |   |   |  |      |   |   |  |        |   |    |  |            |    |    |  |      |    |    |  |            |    |    |   |              |    |    |  |       |  |  |  |  |  |                 |                    |                   |                 |                 |                 |                     |                   |                 |  |
| CIRCLE APPROPRIATE LETTER<br><b>A</b> A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED<br><b>E</b> ELECTRIC LOG OBTAINED<br><b>P</b> TEST WELL CONVERTED TO PRODUCTION WELL<br>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.<br>DRILLERS IDENT. NO. <b>40</b><br>DRILLERS SIGNATURE <i>George J. Esterday</i><br>(MUST MATCH SIGNATURE ON APPLICATION)<br>SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) <i>Charles L. Teller</i>  |   | <b>C2</b><br>DEPTH (nearest ft.)<br><table style="width:100%;"> <tr> <td><b>H0</b></td> <td><b>38</b></td> <td><b>900</b></td> </tr> </table> SLOT SIZE 1 _____ 2 _____ 3 _____<br>DIAMETER OF SCREEN _____ (NEAREST INCH)<br>GRAVEL PACK _____<br>IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68<br>OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)<br>T _____ (E.R.O.S.) WQ _____<br>TELESCOPE CASING _____ LOG INDICATOR _____ OTHER DATA _____   |  | <b>H0</b> | <b>38</b>              | <b>900</b> |    |          |   |   |  |      |   |   |  |        |   |    |  |            |    |    |  |      |    |    |  |            |    |    |   |              |    |    |  |       |  |  |  |  |  |                 |                    |                   |                 |                 |                 |                     |                   |                 |  |
| <b>H0</b>   | <b>38</b>                                     | <b>900</b>  |  |           |                        |            |    |          |   |   |  |      |   |   |  |        |   |    |  |            |    |    |  |      |    |    |  |            |    |    |   |              |    |    |  |       |  |  |  |  |  |                 |                    |                   |                 |                 |                 |                     |                   |                 |  |
| LOCATION OF WELL ON LOT<br>SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)<br><div style="text-align: center;"> </div>  |   | PUMPING TEST<br>HOURS PUMPED (nearest hour) <b>6</b><br>PUMPING RATE (gal. per min. to nearest gal.) <b>1</b><br>METHOD USED TO MEASURE PUMPING RATE <b>Bucket</b><br>WATER LEVEL (distance from land surface) BEFORE PUMPING <b>21</b> WHEN PUMPING <b>150</b><br>TYPE OF PUMP USED (for test)<br><b>A</b> air <b>P</b> piston <b>T</b> turbine<br><b>C</b> centrifugal <b>R</b> rotary <b>O</b> other (describe below)<br><b>J</b> jet <b>S</b> submersible<br>PUMP INSTALLED<br>DRILLER WILL INSTALL PUMP YES <b>NO</b><br>IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE<br>TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:<br>CAPACITY: GALLONS PER MINUTE (to nearest gallon) _____<br>PUMP HORSE POWER _____<br>PUMP COLUMN LENGTH (nearest ft.) _____<br>CASING HEIGHT (circle appropriate box and enter casing height)<br><b>+</b> above <b>-</b> below<br>LAND SURFACE <b>2</b> (nearest foot)<br>LOCATION OF WELL ON LOT<br>SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL) |  |           |                        |            |    |          |   |   |  |      |   |   |  |        |   |    |  |            |    |    |  |      |    |    |  |            |    |    |   |              |    |    |  |       |  |  |  |  |  |                 |                    |                   |                 |                 |                 |                     |                   |                 |  |



8-19-86

8:00

Page \_\_\_\_\_ of \_\_\_\_\_  
Date \_\_\_\_\_

Review \_\_\_\_\_

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TESTWell Permit No. HO - 81-1558  
Location of property (road) PRESTWICK DR  
Subdivision GREENE FIELDS Lot 4 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
Well Driller GEORGE EASTRDAY Owner BUILDERS, PZEPKOWSKIDepth of well 400 16 PM

Distance of measuring point (M.P.) above ground \_\_\_\_\_

Static water level (S.W.L.) below M.P. 21' 2'

High rate pumping -- reservoir drawdown

Time pump started 10:30Pumping rate 10 gpmTotal time 30 to reach pumping water level 150 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 8 gallon bucket | FLOW METER READING (if used) | CALCULATED FLOW (gallons per minute) |
|-------------------------------|------------------------|---|------------------------------|--------------------------------------|
| 11:05                         | 150'                   | 45 sec                                    |                              | 1.25 gpm                             |
| 11:30                         | 150'                   | 45 sec                                    |                              | 1.25 gpm                             |
| 11:45                         | 150'                   | 45 sec                                    |                              | 1.25 gpm                             |
| 12:00                         | 150'                   | 45 sec                                    |                              | 1.25 gpm                             |
| 12:15                         | 150'                   | 45 sec                                    |                              | 1.25 gpm                             |
| 12:30                         | 150'                   | 45 sec                                    |                              | 1.25 gpm                             |
| 12:45                         | 150'                   | 45 sec                                    |                              | 1.25 gpm                             |
| 1:00                          | 150'                   | 45 sec                                    |                              | 1.25 gpm                             |
| 1:15                          | 150'                   | 45 sec                                    |                              | 1.25 gpm                             |
| 1:30                          | 150'                   | 45 sec                                    |                              | 1.25 gpm                             |
| 1:45                          | 150'                   | 45 sec                                    |                              | 1.25 gpm                             |
| 2:00                          | 150'                   | 45 sec                                    |                              | 1.25 gpm                             |
| 2:15                          | 150'                   | 45 sec                                    |                              | 1.25 gpm                             |
| 2:30                          | 150'                   | 45 sec                                    |                              | 1.25 gpm                             |
| 2:45                          | 150'                   | 45 sec                                    |                              | 1.25 gpm                             |
| 3:00                          | 150'                   | 45 sec                                    |                              | 1.25 gpm                             |
| 3:15                          | 150'                   | 45 sec                                    |                              | 1.25 gpm                             |
| 3:30                          | 150'                   | 45 sec                                    |                              | 1.25 gpm                             |
| 3:45                          | 150'                   | 45 sec                                    |                              | 1.25 gpm                             |
| 4:00                          | 150'                   | 45 sec                                    |                              | 1.25 gpm                             |
| 4:15                          | 150'                   | 45 sec                                    |                              | 1.25 gpm                             |
| 4:30                          | 150'                   | 45 sec                                    |                              | 1.25 gpm                             |
| 4:45                          | 150'                   | 45 sec                                    |                              | 1.25 gpm                             |
| 5:00                          | 150'                   | 45 sec                                    |                              | 1.25 gpm                             |
| 5:15                          | 150'                   | 45 sec                                    |                              | 1.25 gpm                             |

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 \_\_\_\_\_ Receipt # \_\_\_\_\_  
Replacement \_\_\_\_\_ Date \_\_\_\_\_  
Name of Installer \_\_\_\_\_ Telephone \_\_\_\_\_  
License Number \_\_\_\_\_  
Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber \_\_\_\_\_  
Name of Property Owner \_\_\_\_\_ Telephone \_\_\_\_\_  
Subdivision Greenfields Lot # 4 Well Tag # HO - 81 - 1558  
Site Address 6561 PASWICK DR.

Pump Motor Pitless Adapter  
1. Type 1. Horsepower \_\_\_\_\_ 1. Make \_\_\_\_\_  
a. Deep well jet \_\_\_\_\_ 2. RPM \_\_\_\_\_ 2. Model # \_\_\_\_\_  
b. Shallow well jet \_\_\_\_\_ 3. Voltage \_\_\_\_\_ 3. Depth \_\_\_\_\_  
c. Submersible \_\_\_\_\_ a. 110 \_\_\_\_\_  
2. Make \_\_\_\_\_ b. 220 \_\_\_\_\_  
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 \_\_\_\_\_  
Tank Piping Well data  
1. Capacity \_\_\_\_\_ 1. Type \_\_\_\_\_ 1. Depth \_\_\_\_\_ ft.  
2. Pressure relief valve? \_\_\_\_\_ 2. Size \_\_\_\_\_ 2. Yield \_\_\_\_\_ GPM  
3. NSF and/or BOCA Code approved \_\_\_\_\_ 3. Static water level \_\_\_\_\_ ft.  
4. Depth of supply line \_\_\_\_\_ 4. Will water supply be disinfected by installer? \_\_\_\_\_

9-16-87 PITLESS AT 40" WELL LINE COVERED; INSIDE WORK NOW COMPLETE - -  
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.