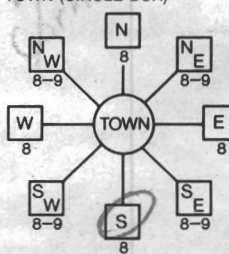
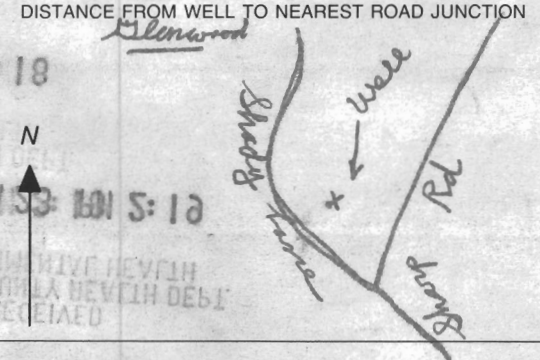




B 1 <b>03796</b> <small>1 2 3 6</small>	SEQUENCE NO. (MDE USE ONLY)	<b>STATE OF MARYLAND</b> <b>PERMIT TO DRILL WELL</b> <i>W516485</i> please print or type	STATE PERMIT NUMBER <b>H0-94-3334</b> <small>70 fill in this form completely 79</small>
Date Received (APA) <b>1/23/2002</b> <small>8 MM DD YY 13</small> <b>Crosen</b> <small>15 Last Name</small> <b>Don</b> <small>36 Street or RFD</small> <b>3825 Shady Lane</b> <small>57 Town 70 State 72 Zip 76</small> <b>Glenwood Md 21738</b>		B 3 <b>Howard</b> LOCATION OF WELL <small>8 COUNTY 21</small> <b>Sharp Farm</b> <small>23 SUBDIVISION 42</small> <b>Glenwood</b> <small>52 NEAREST TOWN 71</small> MILES FROM TOWN (enter 0 if in town) <b>2</b> <small>73 M I 76 77 78</small>	
<b>DRILLER INFORMATION</b> <b>Joseph L. Wayne</b> <b>M S D 24</b> <small>76 Driller's Name 81 License No.</small> <b>Joseph L. Wayne Well Drilling</b> <small>36 Firm Name</small> <b>5512 Ridge Rd. Mt Airy Md. 21771</b> <small>57 Address</small> <b>Joseph L. Wayne</b> <b>1/21/2002</b> <small>Signature Date</small>		B 4 <b>Shady Lane</b> <small>11 NEAR WHAT ROAD 30</small> ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  <small>34 300 37</small> DISTANCE FROM ROAD <b>300</b> <small>38 39</small> ENTER FT OR MI <b>FT</b> TAX MAP: <b>21</b> BLK: <b>11</b> PARCEL <b>198</b>	
B 2 <b>WELL INFORMATION</b> <small>1 2</small> APPROX. PUMPING RATE (GAL. PER MIN.) <b>5</b> <small>8 12</small> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <b>500</b> <small>14 20</small>		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL <b>Howard</b> <b>(13) A516427</b> <small>43 COUNTY NAME 48 COUNTY NO.</small> STATE SIGNATURE _____ INSERT S → <small>41</small> DATE ISSUED <b>2/13/02</b> <b>Bruce Baker</b> <b>2/13/2003</b> <small>43 MM DD YY 48</small> CO SIGNATURE _____ EXP. DATE _____ NORTH GRID <b>522 000</b> EAST GRID <b>795 000</b> <small>50 55 57 63</small>	
<b>USE FOR WATER (CIRCLE APPROPRIATE BOX)</b> <input checked="" type="checkbox"/> DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, DEWATERING <input type="checkbox"/> PUBLIC WATER SUPPLY WELL <input type="checkbox"/> TEST, OBSERVATION, MONITORING <input type="checkbox"/> GEO-THERMAL		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X <b>2/19/02 - Grout 10:30am</b> SOURCES OF DRILLING WATER 1. <i>well</i> 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E <b>7945</b> N <b>5242</b> 000 000	
APPROXIMATE DEPTH OF WELL <b>300</b> FEET <small>24 28</small> APPROXIMATE DIAMETER OF WELL <b>6</b> INCH <small>NEAREST INCH</small>		METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN <small>30</small> <b>AIR-ROTary</b> <b>AIR-PERcussion</b> <b>ROTARY (Hydraulic Rotary)</b> <small>37</small> <b>CABLE</b> <b>REVerse-ROTary</b> <b>Drive-POINT</b> other _____	
<b>REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)</b> <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <small>39</small> <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) <b>41</b> _____ <b>52</b>		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
Not to be filled in by driller (MDE OR COUNTY USE ONLY)			
APPROP. PERMIT NUMBER <b>54</b> GAP <b>63</b> PERMIT No. <b>H0-94-3334</b> <small>70 71 72 73 74 75 76 77 78 79</small>			
SPECIAL CONDITIONS <small>NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -</small>			

60 casing  
53 spool  
12 pages

Depth of well 160  
Distance of measuring point (M.P.) above ground 2 1/2  
Static water level (S.W.L.) below M.P. 30'

Time pump started 10:35 Pumping rate 15 gpm.  
Total time 5 min. to reach pumping water level 33 ft. below M.P.

[illegible]

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-3334  
Location of property (road) Shady Lane  
Subdivision Sharp Farms Lot 10 Block      Plat      Sec.       
Well Driller Joe Mayne Owner Don Crosh

Depth of well 160'  
Distance of measuring point (M.P.) above ground 2 1/2  
Static water level (S.W.L.) below M.P. 30'

### I. High rate pumping -- reservoir drawdown

Time pump started 10:35 Pumping rate 15 gpm  
Total time 5 min to reach pumping water level 33 ft. below M.P.

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

[illegible]

**HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
WATER AND SEWERAGE PROGRAM  
TEL: (410)313-2640 FAX: (410)313-2648**

**Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping**

**NOTE:** The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Willoughby Plumb Telephone #: 410-781-7051

Address: 6203 J. PATRICK DR.  
SEAFORD, MD 21784

(Must circle one) Licensed Plumber      Licensed Well Driller      Licensed Well Pump Installer

License # and name of individual responsible for the field installation:

Name (Print): Chris Willoughby License# 6992  
\*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: Don Croesen Telephone #: 410-442-8262  
Subdivision: SHARP FARMS Lot #: 10 Well Tag #: HO-94-3334  
Site Address: 2185 SHARP LANE  
GREENWOOD, MD 21738

**Submersible Pump Data**

Make: JACOZZI

Model #: \_\_\_\_\_

Pump Capacity \_\_\_\_\_ GPM

Well Yield: 15 GPM

Depth of well encountered at time of pump installation: 160 (feet)

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4

Torque arrestors or Cable guards are required -- Must circle one

Safety rope, if used, attached to inside of well casing with eye bolt \_\_\_\_\_

**Pitless Adapter**

Make: HARVARD

Model #: \_\_\_\_\_

Depth: 18" (36" min)

NSF approved: \_\_\_\_\_

**Well Cap and Electric Conduit**

Two piece watertight cap: ☒

Screamed, vented well cap: ☒

Cap secured to casing: ☒

Conduit min 18" B.G.: ☒

Conduit secured to well cap: ☒

**Piping to house**

Type: CREST LINE

PSI: 1" (160 psi min)

Depth of supply line: ✓ (36" min)

**House Connection**

PVC sleeved to undisturbed soil at wall penetration: ☒

Approximate length of sleeve: 6

Sleeve caulked and sealed properly: ☒

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Chris Willoughby

Signature of company representative responsible for installation

5/22/02

date

**For Health Department Use Only - Not to be completed by Installer**

Date Insp. Requested: 5/22/01 Date Insp. Approved: 5/22/02 50 SRK

Inspection Data:

Pitless adapter and water supply line at least 36" below grade	<input checked="" type="checkbox"/>
Two piece cap installed and attached to casing securely	<input checked="" type="checkbox"/>
Elec. conduit extends at least 18" below grade/attached to cap properly	<input checked="" type="checkbox"/>
Safety rope installed inside of well casing	<input checked="" type="checkbox"/>
Correct well tag attached properly and casing 8" above finished grade	<input checked="" type="checkbox"/>
Water supply line sleeved adequately at house connection	<input checked="" type="checkbox"/>
Adequate ground observed below pitless adapter	<input checked="" type="checkbox"/>

