

1 2 3 6 THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS) COUNTY NUMBER **A59907 D** PERMIT NO. FROM "PERMIT TO DRILL WELL" **40-94-3020**

ST/CO USE ONLY DATE Received MM DD YY DATE WELL COMPLETED MM DD YY Depth of Well **OK SRN 6/9/01** **22 26** (TO NEAREST FOOT) **28 29 30 31 32 33 34 35 36 37**

OWNER **Rover Mill LLC** STREET OR RFD **New Rover Road** TOWN **Etenelg** SUBDIVISION **Friendship Lakes** SECTION **8** LOT **8**

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	
Sandy	2	50	
Sand Stone	50	75	✓
MICKA	75	90	
Sand Stone	90	95	✓
MICKA	95	200	
Sand Stone	200	205	✓
MICKA	205	260	

GROUTING RECORD yes no
WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
TYPE OF GROUTING MATERIAL (Circle one)
CEMENT **CM** BENTONITE CLAY **BC**
NO. OF BAGS **14** NO. OF POUNDS **1400**
GALLONS OF WATER **84**
DEPTH OF GROUT SEAL (to nearest foot)
from **0** ft. to **30** ft.
(enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below
ST STEEL **CO** CONCRETE
PL PLASTIC **OT** OTHER
MAIN CASING TYPE **PL** Nominal diameter top (main casing) (nearest inch)! **6** Total depth of main casing (nearest foot) **60**

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

SCREEN RECORD
screen type or open hole insert appropriate code below
ST STEEL **BR** BRASS **HO** OPEN HOLE
PL PLASTIC **OT** OTHER

NUMBER OF UNSUCCESSFUL WELLS: **0**

WELL HYDROFRACTURED **Y** **N**

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 LIC. NO. **1 M D 117**
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. **1 M D**

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

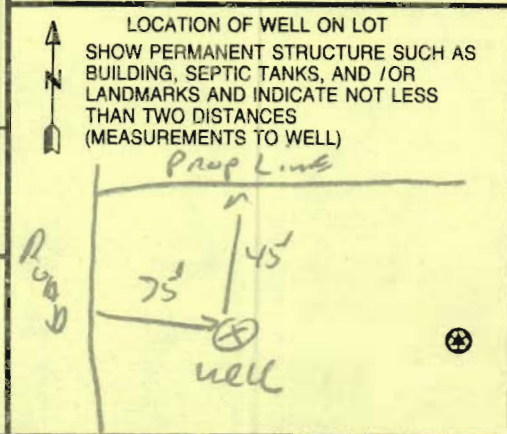
C 2 DEPTH (nearest ft.)
1 **40** **57** **260**
E A C H S C R E E N
8 9 11 15 17 21
23 24 26 30 32 36
38 39 41 45 47 51
SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH) **56** **60**
from to

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX **68**

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T (E.R.O.S.) W Q
70 72 74 75 76
TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 **PUMPING TEST**
HOURS PUMPED (nearest hour) **3**
PUMPING RATE (gal. per min.) **8.2**
METHOD USED TO MEASURE PUMPING RATE **Bucket**
WATER LEVEL (distance from land surface)
BEFORE PUMPING **75** ft.
WHEN PUMPING **90** ft.
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 INSTALLED PUMP (YES or NO) YES **NO**
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29 **29**
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 } LAND SURFACE **3** (nearest foot)
- below }



B 1 04798

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

40-94-3022

W514934 please print or type

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

Date Received (APA)

30/01

OWNER INFORMATION

OWNER: ROVER MILL LLC, 8808 CENTRE PARK DR, COLUMBIA MD 21045

B 3

LOCATION OF WELL

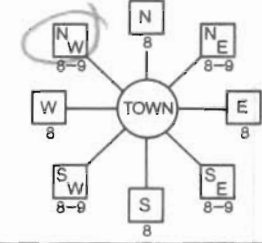
HOWARD CO, FRIENDSHIP CTRKES, SECTION 44, LOT 48, GLEVELEG, 2 MI FROM TOWN

DRILLER INFORMATION

DRILLER: PAUL E. MAYNE, 17024 HANDY RD MT AIRY MD, 02-25-01

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



NEAR WHAT ROAD: NEW HOOPER RD

ON WHICH SIDE OF ROAD: WEST, DISTANCE FROM ROAD: 75 FT

WELL INFORMATION

APPROX. PUMPING RATE: 5 GAL PER MIN, AVERAGE DAILY QUANTITY NEEDED: 500 GAL PER DAY

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- Home (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) - circled, Farming, Industrial, Public or Private Water Company, Test, Observation, Monitoring

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD CO, H59907D, DATE ISSUED: 3/5/02, CO SIGNATURE, EXP. DATE

APPROXIMATE DEPTH OF WELL: 150 FEET

APPROXIMATE DIAMETER OF WELL: 6 INCH

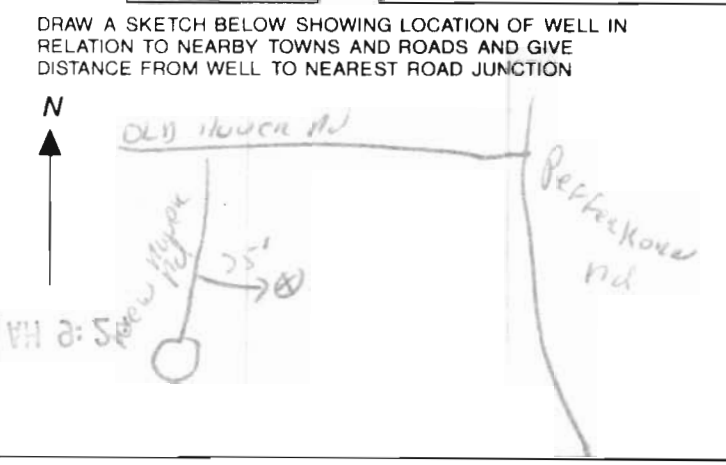
METHOD OF DRILLING (circle one)

- BORED (or Augered), JETTED, Jetted & DRIVEN, AIR-ROTary, AIR-PERcussion, ROTARY (Hydraulic Rotary), CABLE, REVerse-ROTary, Drive-POINT

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

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X: 4/24/01 9:00, SOURCES OF DRILLING WATER: 1. well, WRITE THE BOX NUMBER FROM THE MAP HERE: E 520, N 530



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

APPROX. PERMIT NUMBER: GAP, FORCE: 77, PERMIT No.: 40-94-3022

SPECIAL CONDITIONS

WLB00 9141

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: Charles Klein & Son Inc Telephone #: (410) 549-6960
Address: 3000 New Mill Road
Hygiene, MD 21754

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): CHARLES A. KLEIN JR License# 6521
*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: Williamburg Property Telephone #: (410) 997-8800
Subdivision: Friendship Estates Lot #: 8 Well Tag #: HO-94-3080
Site Address: 2915 NEW HOVER ROAD
WEST FRIENDSHIP MD 21794

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit
Make: Securap Make: Howard Two piece watertight cap:
Model #: 554513-P 52 Model#: PT-800 Screened, vented well cap:
Pump Capacity 5 GPM Depth: 42" (36" min) Cap secured to casing:
Well Yield: 8 GPM NSF approved: Conduit min 18" B.G.:
Depth of well encountered at time of pump installation: 21 1/2 (feet) Conduit secured to well cap:
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

Piping to house House Connection
Type: Polyethylene PVC sleeved to undisturbed soil at wall penetration: yes
PSI: 1" (160 psi min) Approximate length of sleeve: _____
Depth of supply line: 36" (36" min) 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.

Charles A Klein Jr date 5/6/02
Signature of company representative responsible for installation

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

Date Insp. Requested: 8-5-02 9-10am Date Insp. Approved: 8/5/02 **BB**
Inspection Data: Pitless adapter and water supply line at least 36" below grade
Two piece cap installed and attached to casing securely
Elec. conduit extends at least 18" below grade/attached to cap properly
Safety rope installed inside of well casing
Correct well tag attached properly and casing 8' above finished grade
Water supply line sleeved adequately at house connection
Adequate grout observed below pitless adapter

