

(MDE USE ONLY)

# WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY.  
PLEASE TYPE

45 DAYS AFTER WELL IS COMPLETED. OK STK

1 2 3 6  
(THIS NUMBER IS TO BE PUNCHED  
IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A516029 12/6/01

ST/CO USE ONLY  
DATE Received  
MM DD YY  
8 13

DATE WELL COMPLETED  
MM DD YY  
11 28 2001

Depth of Well  
22 180 26  
(TO NEAREST FOOT)

PERMIT NO.  
FROM "PERMIT TO DRILL WELL"  
MO-94-3272

OWNER Warfield Charles + Kim  
STREET OR RFD Day Road TOWN Sykesville  
SUBDIVISION Warfield Property SECTION \_\_\_\_\_ LOT \_\_\_\_\_

**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	
Dirt	0	1	
Clay & Br. Schist	1	3	
Soft Br. Mica Schist	3	19	
Hard Blue Sandstone	19	27	
Hard Br. Sandstone	27	28	
Hard Blue Sandstone	28	38	
Soft Br. Mica Schist	38	40	X
Hard Blue Sandstone	40	51	
Soft Br. Sandstone	51	52	X
Soft Br. Mica Schist	52	56	
Hard Blue/Br. Sandstone	56	60	
Br. Sandstone	60	62	
Hard Blue Sandstone	62	94	
Br. Sandstone Quartz	94	106	
Clay Blue Sandstone	106	151	
Hard Br./Blue Sandstone	151	172	
Br. Sandstone	172	173	X
Hard Blue Sandstone	173	180	

**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 26 NO. OF POUNDS 2424  
GALLONS OF WATER 156  
DEPTH OF GROUT SEAL (to nearest foot)  
from 0 ft. to 56 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**  
Nominal diameter top (main) casing (nearest inch)! Total depth of main casing (nearest foot)  
ST 6 58  
60 61 63 64 66 70

**OTHER CASING (if used)**

EACH CASING	diameter	depth (feet)
<u>PL</u>	<u>4</u> inch	<u>0</u> from <u>50</u> to <u>60</u>
<u>PL</u>	<u>4</u>	<u>90</u> <u>160</u>
<u>PL</u>	<u>4</u>	<u>170</u> <u>180</u>

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

**DEPTH (nearest ft.)**

1	2	3
<u>P</u>	<u>L</u>	<u>50</u> <u>60</u>
<u>P</u>	<u>L</u>	<u>80</u> <u>90</u>
<u>P</u>	<u>T</u>	<u>160</u> <u>170</u>

SLOT SIZE 1 .010 2 .010 3 .010  
DIAMETER OF SCREEN 4 (NEAREST INCH)  
from 56 to 60

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68  
35 180  
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

**PUMPING TEST**  
HOURS PUMPED (nearest hour) 3  
PUMPING RATE (gal. per min.) 10  
METHOD USED TO MEASURE PUMPING RATE submersible  
WATER LEVEL (distance from land surface)  
BEFORE PUMPING 37 ft.  
WHEN PUMPING 51 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 (CIRCLE) (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  
- below } 2 (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)  
Day Road  
Hand 30

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

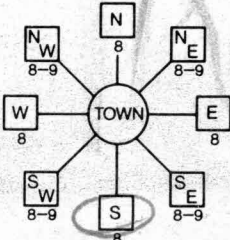
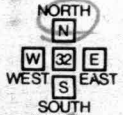
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO.: M W D 256  
Dana Kiker Jr. II  
DRILLERS SIGNATURE  
(MUST MATCH SIGNATURE ON APPLICATION)  
LIC. NO.: M D 334  
Dana Kiker Jr. II  
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

Date Received (APA) 10/22/01  
 8 MM DD YY 13  
**OWNER INFORMATION**  
WAR Field Owner Charles + Kim  
 15 Last Name 34 First Name  
22 A Peck Run CT  
 36 Street or RFD 55  
Landsdowne Md 21227  
 57 Town 70 State 72 Zip 76

**B 3 LOCATION OF WELL**  
Howard  
 8 COUNTY 21  
 23 SUBDIVISION 42  
 SECTION 44 46 LOT 48 50  
Stokesville  
 52 NEAREST TOWN 71  
 MILES FROM TOWN (enter 0 if in town) 1 M I  
 73 76 77 78

**DRILLER INFORMATION**  
PANA RYKEL TRIT M D 256  
 76 License No. 81  
Westminster ROTARY Well Drilling Inc  
 Firm Name  
P.O. Box 861 Westminster, Md 21157  
 Address  
Dan Rykel TRIT 10-12-01  
 Signature Date

**B 4**  
 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
  
DAI Rd  
 11 NEAR WHAT ROAD 30  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
  
 34 80 37 DISTANCE FROM ROAD FT  
 ENTER FT OR MI 38 39  
 TAX MAP: 9 BLK: \_\_\_\_\_ PARCEL 94

**B 2 WELL INFORMATION**  
 1 2 APPROX. PUMPING RATE 5  
 (GAL. PER MIN.) 8 12  
 AVERAGE DAILY QUANTITY NEEDED 400  
 (GAL. PER DAY) 14 20

**USE FOR WATER (CIRCLE APPROPRIATE BOX)**  
 DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION  
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
 INDUSTRIAL, COMMERCIAL, DEWATERING  
 PUBLIC WATER SUPPLY WELL  
 TEST, OBSERVATION, MONITORING  
 GEO-THERMAL

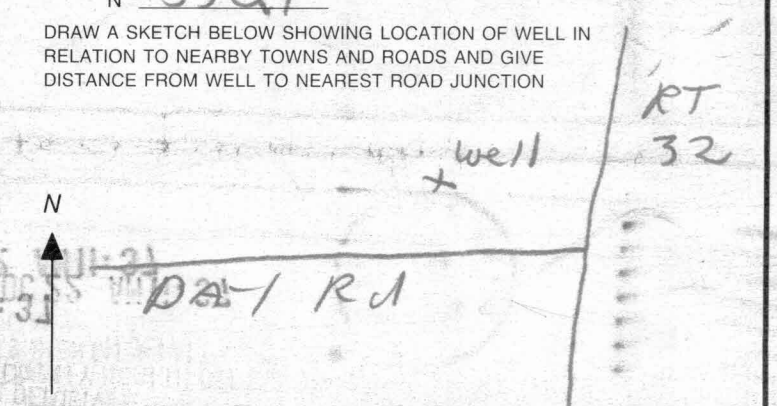
**NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL**  
Howard COUNTY NAME A516029 COUNTY NO.  
 STATE SIGNATURE \_\_\_\_\_ INSERT S → 41  
 DATE ISSUED 11/24/01 Bruce Pugh 11/21/02  
 43 MM DD YY 48 CO SIGNATURE EXP. DATE  
 NORTH GRID 55 0 0 0 EAST GRID 0809 0 0 0  
 50 55 57 63

APPROXIMATE DEPTH OF WELL 225 FEET  
 24 28  
 APPROXIMATE DIAMETER OF WELL 6 INCH  
 NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X → 11/28/01 11 a.m. grant  
 SOURCES OF DRILLING WATER NO INSP.  
 1. CITY  
 2.  
 3.  
 WRITE THE BOX NUMBER FROM THE MAP HERE  
 E 8089 000  
 N 5501 000  
 well x

**METHOD OF DRILLING (circle one)**  
 BORED (or Augered) JETTED Jetted & DRIVEN  
 30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)  
 37 CABLE REVERSE-ROTary DRIVE-POINT  
 other \_\_\_\_\_

**REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)**  
 THIS WELL WILL NOT REPLACE AN EXISTING WELL  
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
 39  THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS  
 THIS WELL WILL DEEPEM AN EXISTING WELL  
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 \_\_\_\_\_ 52



**Not to be filled in by driller (MDE OR COUNTY USE ONLY)**  
 APPROP. PERMIT NUMBER 54 G A P 63  
 PERMIT No. HO-94-3272  
 70 71 72 73 74 75 76 77 78 79



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: Robert L. Freezer Co. Inc Telephone #: 410-781-4655  
Address: 6301 Barnett Ave.  
Sykesville, MD

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

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

Name (Print): Robert L. Freezer License# 2122

\*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: M/M Cheryl's Work Telephone # 410-989-7456

Subdivision: \_\_\_\_\_ Lot #: \_\_\_\_\_ Well Tag #: HO-94-327a

Site Address: 900 Day Road  
Sykesville, MD 21854

Submersible Pump Data

Make: SIA-RITE

Model #: 7P4C02HL-04

Pump Capacity 7 GPM

Well Yield: 10 GPM

Depth of well encountered at time of pump installation: 180 (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: Campbell

Model #: PT 800

Depth: 48" (36" min)

NSF approved:

Well Cap and Electric Conduit

Two piece watertight cap:

Screened, vented well cap:

Cap secured to casing:

Conduit min 18" B.G.:

Conduit secured to well cap:

Piping to house

Type: Poly

PSI: 100 (160 psi min)

Depth of supply line: 42 (36" min)

House Connection

PVC sleeved to undisturbed soil at wall penetration:

Approximate length of sleeve: 5'

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.

Signature of company representative responsible for installation: Robert L. Freezer

date: 6/26/02

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

Date Insp. Requested: 6/25 Date Insp. Approved: 6/25/02 SRK

- 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

NOTE: THIS WAS APPROVED 6/26/02

Warfield Property  
off Day Rd

11/19/01 called  
Kim Warfield to  
Verify restaked  
property - No Ans.  
410-489-7456  
LC

Used site OK on Staked  
11/20/01 HPP

Need to check when received  
SDA is Staked and perc plat signed  
11/19/01 @ Bot. Pleth, restaked by  
done today, Party for rain, HPP

