C 1 | 1364 | SEQUENCE NO. (MDE USE ONLY)

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

# STATE OF MARYLAND
## WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY
PLEASE TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER

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

DATE WELL COMPLETED MM 11 DD 3 YY 2011
15 20

Depth of Well 22 505 26 (TO NEAREST FOOT)

17/8/11 01C (KW)

PERMIT NO. FROM "PERMIT TO DRILL WELL" - - NO 109
28 29 30 31 32 33 34 35 36 37

OWNER WILZER (last name) SUSAN & KEN (first name)

STREET OR RFD 1695 WOODSTOCK RD TOWN WOODSTOCK MD 21163

SUBDIVISION 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 FROM | FEET TO | check if water bearing |
|---|---|---|---|
| HD BLUE & BLK SCHIST | 200 | 460 | X |
| HD BLUE SCHIST | 460 | 505 | |

RECEIVED 2011 DEC -8 PM 3:40 (Well Report Received)

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED yes Y 44 no N 44

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 296
Ronald Kyker
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO.: M W D 296

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

### GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) yes Y 44 no N 44

TYPE OF GROUTING MATERIAL (Circle one)
CEMENT C M 45 46 BENTONITE CLAY B C 45 46

NO. OF BAGS _____ NO. OF POUNDS _____

GALLONS OF WATER _____

DEPTH OF GROUT SEAL (to nearest foot)
from _____ ft. (46 TOP 52) to _____ ft. (54 BOTTOM 58)
(enter 0 if from surface)

### CASING RECORD
casing types insert appropriate code below
- S T STEEL
- C O CONCRETE
- P L PLASTIC
- O T OTHER

| MAIN CASING TYPE | Nominal diameter top (main) casing (nearest inch)! | Total depth of main casing (nearest foot) |
|---|---|---|
| 60 61 | 63 64 | 66 70 |

OTHER CASING (if used) — EACH CASING

| | diameter inch | depth (feet) from | to |
|---|---|---|---|
| | | | |
| | | | |

### SCREEN RECORD
screen type or open hole insert appropriate code below
- S T STEEL
- B R BRASS BRONZE
- H O OPEN HOLE
- P L PLASTIC
- O T OTHER

C 2 (1 2)

DEPTH (nearest ft.) — EACH SCREEN

| | | | | | |
|---|---|---|---|---|---|
| 1 | 8 9 | 11 | 15 | 17 | 21 |
| 2 | 23 24 | 26 | 30 | 32 | 36 |
| 3 | 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 _____ (68)

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T (E.R.O.S.) W Q

70 _____ TELESCOPE CASING
72 _____ LOG INDICATOR
74 75 76 _____ OTHER DATA

C 3 (1 2)

### PUMPING TEST
HOURS PUMPED (nearest hour) 6 (8 9)

PUMPING RATE (gal. per min.) 1.3 (11 15)

METHOD USED TO MEASURE PUMPING RATE BUCKET

WATER LEVEL (distance from land surface)

BEFORE PUMPING 24 (17 20) ft.

WHEN PUMPING 416 (22 25) ft.

TYPE OF PUMP USED (for test)
- A air (27)
- P piston (27)
- T turbine (27)
- C centrifugal (27)
- R rotary (27)
- O other (describe below) (27)
- J jet (27)
- S submersible (27)

### 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)

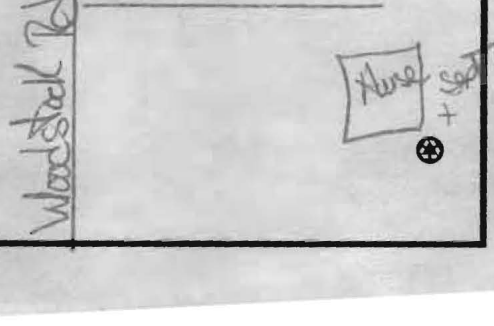
PUMP COLUMN LENGTH (nearest ft.) _____ (43 47)

CASING HEIGHT (circle appropriate box and enter casing height)
- + above (49)
- – below (49)

LAND SURFACE

_____ (nearest foot) (50 51)

### 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)




DENV-CR00

COUNTY

Page 1 of 2

County File No. _____
Review _____

NOV 3-2011

FIELD DATA SHEET
HYDROGEOLOGIC AREA (3) WELL YIELD TEST

Maryland Well Permit No. _____ Election District _____

Location of Property (road) 1695 WOODSTOCK RD

Subdivision _____ Lot _____ Block _____ Plat _____ Sec. _____

Well Driller RONALD KYKER Owner KEN & SUSAN WILZER

Depth of Well 505 FEET
Distance of Measuring Point (M.P.) above ground 1 FOOT
Static Water Level (S.W.L.) below M.P. 24 FEET

I. High Rate Pumping -- reservoir drawdown
Time pump started 8:30 Pumping rate 12 GPM
Total time 2 HR to reach pumping water level 416 ft. below M.P.

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

| TIME | WATER LEVEL Below M.P. | PUMPING RATE Time to fill 1 gal. bucket | FLOW METER READING (if used) | CALCULATED FLOW (gallons per min.) |
|---|---|---|---|---|
| 8:30 | 24 FEET | 5 SEC | | 12 GPM |
| 8:45 | 70 " | 5 " | | 12 " |
| 9:00 | 155 " | 5 " | | 12 " |
| 9:15 | 229 " | 7 " | | 8.5 " |
| 9:30 | 291 " | 8 " | | 7.5 " |
| 9:45 | 341 " | 10 " | | 6.0 " |
| 10:00 | 381 " | 12 " | | 5.0 " |
| 10:15 | 416 " | 13 " | | 4.6 " |
| 10:30 | 415 " | 47 " | | 1.3 " |
| 10:45 | 414 " | 47 " | | 1.3 " |
| 11:00 | 413 " | 47 " | | 1.3 " |
| 11:15 | 412 " | 47 " | | 1.3 " |
| 11:30 | 411 " | 47 " | | 1.3 " |
| 11:45 | 410 " | 47 " | | 1.3 " |
| 12:00 | 409 " | 47 " | | 1.3 " |
| 12:15 | 408 " | 47 " | | 1.3 " |
| 12:30 | 407 " | 47 " | | 1.3 " |
| 12:45 | 406 " | 47 " | | 1.3 " |
| 1:00 | 405 " | 47 " | | 1.3 " |
| 1:15 | 404 " | 47 " | | 1.3 " |
| 1:30 | 403 " | 47 " | | 1.3 " |
| 1:45 | 402 " | 47 " | | 1.3 " |
| 2:00 | 401 " | 47 " | | 1.3 " |

DATA SHEET

County File No. _____
Review _____

# FIELD DATA SHEET
## HYDROGEOLOGIC AREA (3) WELL YIELD TEST

Maryland Well Permit No. _____ Election District _____

Location of Property (road) 1695 WOODSTOCK RD

Subdivision _____ Lot ____ Block ____ Plat ____ Sec. ____

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

| TIME | WATER LEVEL Below M.P. | PUMPING RATE Time to fill 1 gal. bucket | FLOW METER READING (if used) | CALCULATED FLOW (gallons per min.) |
|---|---|---|---|---|
| 2:15 | 400 FEET | 47 SEC | | 1.3 GPM |
| 2:30 | 400 " | 47 " | | 1.3 " |
| 2:45 | 399 " | 47 " | | 1.3 " |
| 3:00 | 398 " | 47 " | | 1.3 " |
| 3:15 | 398 " | 47 " | | 1.3 " |
| 3:30 | 397 " | 47 " | | 1.3 " |
| 3:45 | 397 " | 47 " | | 1.3 " |
| 4:00 | 397 " | 47 " | | 1.3 " |
| 4:15 | 397 " | 4: 47 " | | 1.3 " |
| 4:30 | 397 " | 47 " | | 1.3 " |
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