

**C-1** **5162** SEQUENCE NO. (DENV USE ONLY)  
 (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 PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.  
 COUNTY NUMBER **A31172**

ST/CO USE ONLY DATE Received **4/29/94** DATE WELL COMPLETED **5/13/94** Depth of Well **225** (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" **40-99-0073**

OWNER **G.Y. BUILDERS** last name **CHAPPEL** first name **CHASE DR.** TOWN **BLACKSVILLE**  
 SUBDIVISION **CHAPPEL CHASE** SECTION \_\_\_\_\_ LOT **22**

**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	
SAND	0	59	
GRAY MICHA Rock	59	225	

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** (44) **N** (44)  
 TYPE OF GROUTING MATERIAL  
 CEMENT **CM** (45 46) BENTONITE CLAY **BC** (45 46)  
 NO. OF BAGS **15** NO. OF POUNDS **1410**  
 GALLONS OF WATER **40**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **23** 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 **ST** (60 61) Nominal diameter top (main) casing (nearest inch) **7** (63 64) Total depth of main casing (nearest foot) **23** (66 70)

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

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

**C-2**  
 DEPTH (nearest ft.)  
 1 **40** (8 9) **21** (11 15) **225** (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 \_\_\_\_\_

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 IDENT. NO. **24**  
 DRILLERS SIGNATURE **Joseph L. Maize**  
 (MUST MATCH SIGNATURE ON APPLICATION)  
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK \_\_\_\_\_  
 IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 **68**  
 OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)  
 T (E.R.O.S.) W Q  
**74** **75** **76**  
 TELESCOPE CASING LOG INDICATOR OTHER DATA

**C-3**  
**PUMPING TEST**  
 HOURS PUMPED (nearest hour) **3** (8 9)  
 PUMPING RATE (gal. per min. to nearest gal.) **10** (11 15)  
 METHOD USED TO MEASURE PUMPING RATE **Bucket**  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING **59** (17 20)  
 WHEN PUMPING **82** (22 25)  
 TYPE OF PUMP USED (for test)  
**A** air **P** piston **T** turbine (27 27 27)  
**C** centrifugal **R** rotary **O** other (describe below) (27 27 27)  
**J** jet **S** submersible (27 27)

**PUMP INSTALLED**  
 DRILLER WILL INSTALL PUMP YES **NO** (CIRCLE) (YES or NO)  
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE  
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: \_\_\_\_\_ (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 (nearest foot) **2** (49 51)  
**-** below }

**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)  
 See attached well location



**FIELD DATA SHEET**  
**HOWARD COUNTY WELL YIELD TEST**

Well Permit No. HO - 94-0073  
 Location of property (road) CHAPEL CHASE DR  
 Subdivision CHAPEL CHASE Lot 22 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller JOSEPH MAYNE Owner BYC BUILDERS

Depth of well 225'  
 Distance of measuring point (M.P.) above ground 2 1/2  
 Static water level (S.W.L.) below M.P. 59'

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

Time pump started 7:35 Pumping rate 20 gpm.  
 Total time 15 MIN. to reach pumping water level 82 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 5/1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:50	82'	3 sec.	N/A	20 gal.
8:05	80	6		10
8:20	80	6		10
8:35	80	6		10
8:50	80	6		10
9:05	80	6		10
9:20	80	6		10
9:35	80	6		10
9:50	80	6		10
10:05	80	6		10
10:20	80	6		10
10:35	80	6		10
10:50	80	6		10

3/25/99  
Approvable  
well area

PENELOPE CT.

50' R/W

$N11^{\circ}56'05''E$

181.95'

$R=35'$   
 $L=53.55'$

$N40^{\circ}49'30''E$  85.55'

EX. WELL

30'SBL

60'SBL

EX. S.

77'±3'

SBL

SLATE NK

22'

50'

14'

32'±3'

232.95'

549°10'30"E

26

PROPOSED  
SUN PAD

EX. 5' UT. EISM PLAT 26/

574°50'40" W

INGED  
POOL  
AREA

2-17-

JOB NO.

99-282