

C1 1997

SEQUENCE NO.
(MDE USE ONLY)STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE TYPETHIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.COUNTY
NUMBER1 2 3 6
(THIS NUMBER IS TO BE PUNCHED
IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY

DATE Received
MM DD YY
8 13

DATE WELL COMPLETED

MM DD YY
09 15 12

Depth of Well

22 375 26
(TO NEAREST FOOT)PERMIT NO.
FROM "PERMIT TO DRILL WELL"

Ho-95-2306

OWNER

WELL SITE ADDRESS 2939 Sharp Road TOWN Glenwood
SUBDIVISION 12 Sharp Farms SECTION LOT 30

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 | |
| Soil | 0 | 5 | |
| Red clay | 5 | 9 | |
| Brown Shale | 9 | 27 | |
| HARD GRAY Schist | 27 | 375 | |

GROUTING RECORD

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

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 23 NO. OF POUNDS 1250

GALLONS OF WATER 575

DEPTH OF GROUT SEAL (to nearest foot)

from 0 TOP 52 ft. to 54 BOTTOM 58 ft.
(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
belowST CO
STEEL CONCRETE
PL OT
PLASTIC OTHERMAIN
CASING
TYPENominal 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 depth (feet)
inch from toscreen type
or open hole

SCREEN RECORD

(insert
appropriate
code
below)ST BR HO
STEEL BRASS OPEN
BRONZE HOLE
PL OT
PLASTIC OTHER

C 2

DEPTH (nearest ft.)

1 2
E 8 9 11 15 17 21
A 23 24 26 30 32 36
C 38 39 41 45 47 51
S
R
E
E
N
SLOT SIZE 1 2 3DIAMETER
OF SCREEN (NEAREST
INCH)56 60
from toGRAVEL PACK
IF WELL DRILLED
WAS FLOWING WELL
INSERT F IN BOX 68 68MDE USE ONLY
(NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.) W Q

70 72 74 75 76
TELESCOPE LOG
CASING INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 8 9

PUMPING RATE (gal. per min.) 11 15

METHOD USED TO
MEASURE PUMPING RATE

WATER LEVEL (distance from land surface)

BEFORE PUMPING 17 20 ft.

WHEN PUMPING 22 25 ft.

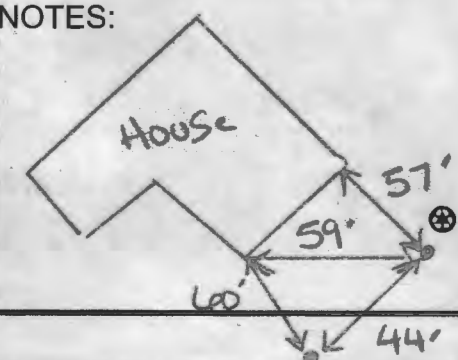
TYPE OF PUMP USED (for test)

A air P piston T turbine
27 27 27
C centrifugal R rotary O other
27 27 27 (describe below)
J jet S submersible
27 27

PUMP INSTALLED

DRILLER INSTALLED PUMP YES NO
(CIRCLE) (YES or 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 29CAPACITY:
GALLONS PER MINUTE
(to nearest gallon) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH
(nearest ft.) 43 47CASING HEIGHT (circle appropriate box
and enter casing height)+ above } LAND SURFACE
49
- below } (nearest foot)
49 50 51LATITUDE 39.26346
LONGITUDE 77.01047
(DEFAULT COORD. WGS 84)
NOTES:

| | | | | |
|--|------|--|---|--|
| B 1 | 1772 | SEQUENCE NO. (MDE USE ONLY) | STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 537316 please type | STATE PERMIT NUMBER 40-95-2306 <small>fill in this form completely</small> |
| Date Received (APA) 053012 | | OWNER INFORMATION | | |
| 8 MM DO YY 13 chen Michele | | 15 Last Name Owner First Name 34 | | |
| 36 Glenwood MD 21738 | | 55 Street or RFD | | |
| 57 Town 70 State 72 Zip 76 | | | | |
| DRILLER INFORMATION | | B 3 LOCATION OF WELL 8 COUNTY Howard 21 23 SUBDIVISION Sharp Farms 42 SECTION 44 46 LOT 30 48 50 52 NEAREST TOWN Glenely 71 | | |
| Driller's Name Michael Barton MWD 355 | | | | |
| Firm Name Barton Well Drilling | | | | |
| Address 522 Underwood Lane 21014 | | | | |
| Signature [Signature] Date 5/24/12 | | B 4 SOURCES OF DRILLING WATER 1. Well 2. 3. | | |
| B 2 WELL INFORMATION | | 3939 Sharp Road 11 STREET ADDRESS 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH WEST SOUTH EAST 34 100 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39 TAX MAP: 21 BLK: 12 PARCEL 198 | | |
| 1 2 APPROX. PUMPING RATE (GAL. PER MIN.) 8 12 | | | | |
| AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20 | | | | |
| USE FOR WATER (CIRCLE APPROPRIATE BOX) | | | | |
| <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"/> OPEN LOOP GEOTHERMAL <input checked="" type="checkbox"/> CLOSED LOOP GEOTHERMAL 2 bores x 375 | | | | |
| APPROXIMATE DEPTH OF WELL 375 FEET | | | | |
| APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH | | | | |
| 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) | | | | |
| <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 39 <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) 41 _____ 52 | | | | |
| Not to be filled in by driller (MDE OR COUNTY USE ONLY) | | | | |
| APPROX. PERMIT NUMBER _____ G _____ | | | | |
| PERMIT No. 40-95-2306 | | | | |
| SPECIAL CONDITIONS Grout wells bottom to top. | | | | |

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL
 COUNTY NAME Howard COUNTY NO. 13
 STATE SIGNATURE [Signature] INSERT S
 DATE ISSUED 6/7/12 CO SIGNATURE [Signature] EXP. DATE 6/1/13
 43 MM DD YY 40

PROPOSED LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURES SUCH AS BUILDINGS, SEPTIC SYSTEM, ROADS AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCE MEASUREMENTS TO WELL
 790/520