

C1 1266

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER

ST/CO USE ONLY DATE Received MM DD YY 10 4 11

DATE WELL COMPLETED MM DD YY 9 29 11

Depth of Well 22 225 26 6/6/2014 (TO NEAREST FOOT) O.K. (PB)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO 95 - 2136

OWNER Heffner Phyllis WELL SITE ADDRESS 16491 AE MULLINIX ROAD TOWN WOODBINE SUBDIVISION SECTION LOT

WELL LOG Not required for driven wells. STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING. TABLE with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for SOIL, CLAY, Brown shale, GRAY ROCK, and 2 bores x 225'.

GROUTING RECORD. WELL HAS BEEN GROUTED (Y/N). TYPE OF GROUTING MATERIAL (Cement, Bentonite Clay). CEMENT CM, BENTONITE CLAY BC. NO. OF BAGS 46, NO. OF POUNDS 2300. GALLONS OF WATER 205. DEPTH OF GROUT SEAL (to nearest foot).

CASING RECORD. casing types insert appropriate code below. MAIN CASING TYPE PL, Nominal diameter top (main) casing (nearest inch) 6, Total depth of main casing (nearest foot) 55.

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 YES (Y) NO (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...

DRILLERS LIC. NO. 1 MWD 355; DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION); LIC. NO. 1 MSD 266; SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee).

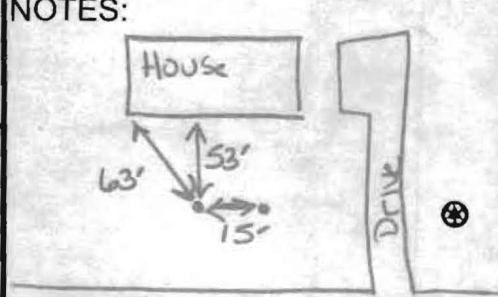
DEPTH (nearest ft.) table with columns 1-21. SLOT SIZE 1 2 3. DIAMETER OF SCREEN (NEAREST INCH) 56 60. GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68.

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

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, C centrifugal, R rotary, O other, J jet, S submersible.

PUMP INSTALLED. DRILLER INSTALLED PUMP (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. 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, - below. LAND SURFACE (nearest foot) 50 51.

LATITUDE 3. LONGITUDE 7. (DEFAULT COORD. WGS 84)



B 1 2190 SEQUENCE NO. (MDE USE ONLY) STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL STATE PERMIT NUMBER HO-95-2136  
 1 2 3 6 535205 please type 70 fill in this form completely 79

Date Received (APA) 05.13.11  
 8 MM DD YY 13

**OWNER INFORMATION**

Heffner Phyllis  
 15 Last Name Owner First Name 34

16491 A.E. Mullinix Road  
 36 Street or RFD 55

Woodbine MD 21797  
 57 Town 70 State 72 Zip 76

B 3 **LOCATION OF WELL**

Howard  
 8 COUNTY 21

Glen Alpine  
 23 SUBDIVISION 42

SECTION      LOT 3  
 44 46 48 50

Lisbon  
 52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 1/2 M I I  
 73 76 77 78

**DRILLER INFORMATION**

Michael Barlow MWD355  
 76 Driller's Name License No. 81

Barlow Well Drilling  
 Firm Name

522 Underwood Lane 21014  
 Address

[Signature] 5/10/11  
 Signature Date

B 4 **DIRECTION OF WELL FROM TOWN (CIRCLE BOX)**

**ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)**

(16491) A.E. Mullinix Rd  
 11 NEAR WHAT ROAD 30

40  
 34 DISTANCE FROM ROAD 37 FT  
 ENTER FT OR MI 38 39

TAX MAP: 7 BLK: 23 PARCEL 475

B 2 **WELL INFORMATION**

APPROX. PUMPING RATE 0  
 (GAL. PER MIN.) 8 12

AVERAGE DAILY QUANTITY NEEDED 0  
 (GAL. PER DAY) 14 20

**USE FOR WATER (CIRCLE APPROPRIATE BOX)**

D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

I INDUSTRIAL, COMMERCIAL, DEWATERING

P PUBLIC WATER SUPPLY WELL

T TEST, OBSERVATION, MONITORING

G GEO-THERMAL 2 bores x 225'

**NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL**

Howard (13) P516943  
 COUNTY NAME COUNTY NO.

STATE SIGNATURE \_\_\_\_\_ INSERT S →

DATE ISSUED 4/1/2011 Brian Baker 6/1/2012  
 43 MM DD YY 48 CO SIGNATURE EXP. DATE

NORTH GRID 540 000 EAST GRID 776 000  
 50 55 57 63

APPROXIMATE DEPTH OF WELL 225 FEET  
 24 28

APPROXIMATE DIAMETER OF WELL \_\_\_\_\_ NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- Well
- 
- 

WRITE THE BOX NUMBER FROM THE MAP HERE

E 776  
 N 540

**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)**

N THIS WELL WILL NOT REPLACE AN EXISTING WELL

Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

39  S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

D THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 \_\_\_\_\_ 52

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

**Not to be filled in by driller (MDE OR COUNTY USE ONLY)**

APPROP. PERMIT NUMBER \_\_\_\_\_ G \_\_\_\_\_

PERMIT No. HO-95-2136  
 70 71 72 73 74 75 76 77 78 79

**SPECIAL CONDITIONS**

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -