

C1 2990

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)

COUNTY NUMBER

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER: Hamblan, Robert; STREET OR RFD: 2215 Montgomery Rd; TOWN: Elkridge

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. Rows include Soil, Clay, Sand, Loose Rock, Granite.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box)

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT [CM] BENTONITE CLAY [BC]

NO. OF BAGS 23 NO. OF POUNDS 150

GALLONS OF WATER 572

DEPTH OF GROUT SEAL (to nearest foot) from 3 ft. to 480 ft.

CASING RECORD

ST [X] CO [X] PL [X] OT [X]

MAIN CASING TYPE: Nominal diameter top (main) casing (nearest inch): 60; Total depth of main casing (nearest foot): 70

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

SCREEN RECORD

ST [X] BR [X] HO [X] PL [X] OT [X]

Table with columns: C2, DEPTH (nearest ft.), A, B, C, R, E, S, L, N

C 3

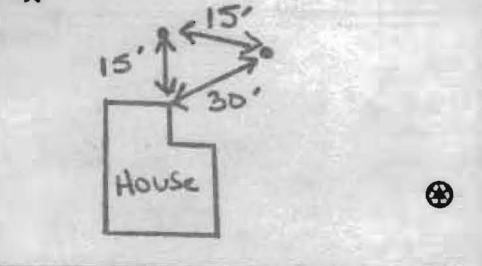
PUMPING TEST

HOURS PUMPED (nearest hour) 8 9; PUMPING RATE (gal. per min.) 11 15; WATER LEVEL (distance from land surface) BEFORE PUMPING 17 20; WHEN PUMPING 22 25

PUMP INSTALLED

DRILLER INSTALLED PUMP YES NO; 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) 49' above 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)



NUMBER OF UNSUCCESSFUL WELLS: 0; WELL HYDROFRACTURED [Y] [N]

CIRCLE APPROPRIATE LETTER: 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. 1: M D 3002; DRILLERS SIGNATURE: [Signature]; LIC. NO. 1: MS D 0106

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

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

B 1 3126

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
532456 please type

STATE PERMIT NUMBER

40-95-1845
fill in this form completely

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13
Hambler, Robert
15 Last Name Owner First Name 34
1415 Montgomery Rd
36 Street or RFD 55
EKridge, Md 21075
57 Town 70 State 72 Zip 76

B 3

LOCATION OF WELL

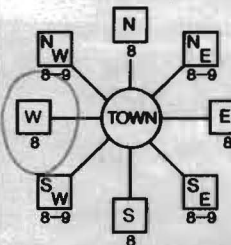
8 COUNTY Howard 21
23 SUBDIVISION 42
SECTION 44 LOT 46
50
EKridge
52 NEAREST TOWN 71
MILES FROM TOWN (enter 0 if in town) 1 MI
73 76 77 78

DRILLER INFORMATION

Michael Barton M W D 355
Driller's Name 76 License No. 81
Barton Well Drilling Service
Firm Name
522 Underwood Ln, Bel Air, Md
Address
[Signature] 11-13-09
Signature Date

B 4

1 2
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



1415 Montgomery Rd
11 NEAR WHAT ROAD 30
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH
WEST 32 EAST
SOUTH
34 75 37
DISTANCE FROM ROAD
ENTER FT OR MI 38 39
TAX MAP: 37 BLK: 5 PARCEL 202

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 0
8 12
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 000
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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME COUNTY NO. 13
STATE SIGNATURE _____ INSERT S → 41
DATE ISSUED 11/24/09
43 MM DD YY 48 CO SIGNATURE [Signature] EXP. DATE 11/24/10
NORTH GRID 501 000 EAST GRID 0868 000
50 55 57 63

APPROXIMATE DEPTH OF WELL 320 FEET
24 28

APPROXIMATE DIAMETER OF WELL 0 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 _____

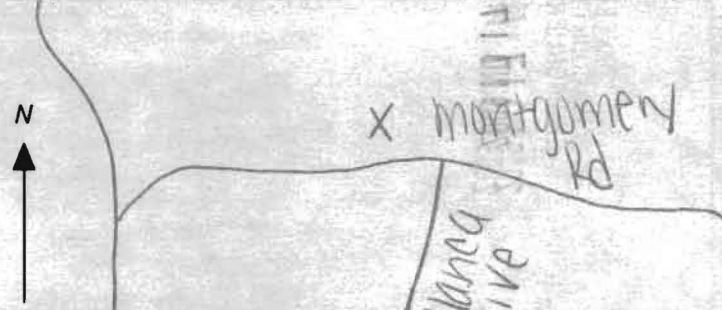
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER
1.
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 87068
N 500
000
000

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



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
- 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

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

APPROX. PERMIT NUMBER _____ G _____

PERMIT No. 40-95-1845
70 71 72 73 74 75 76 77 78 79

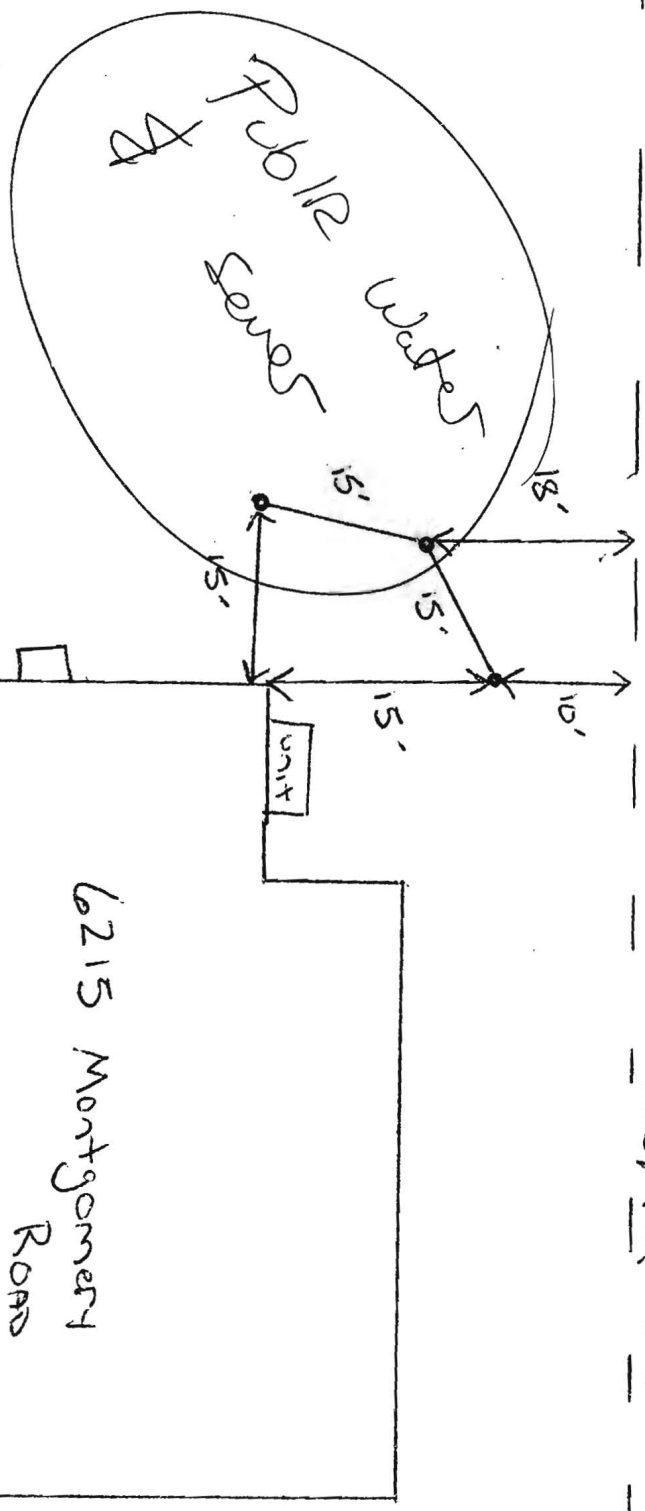
SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED
Please see memo on attached well Exhibit

11/24/09 Geo Bore sites

OK -KUB

Fence / Prop Line



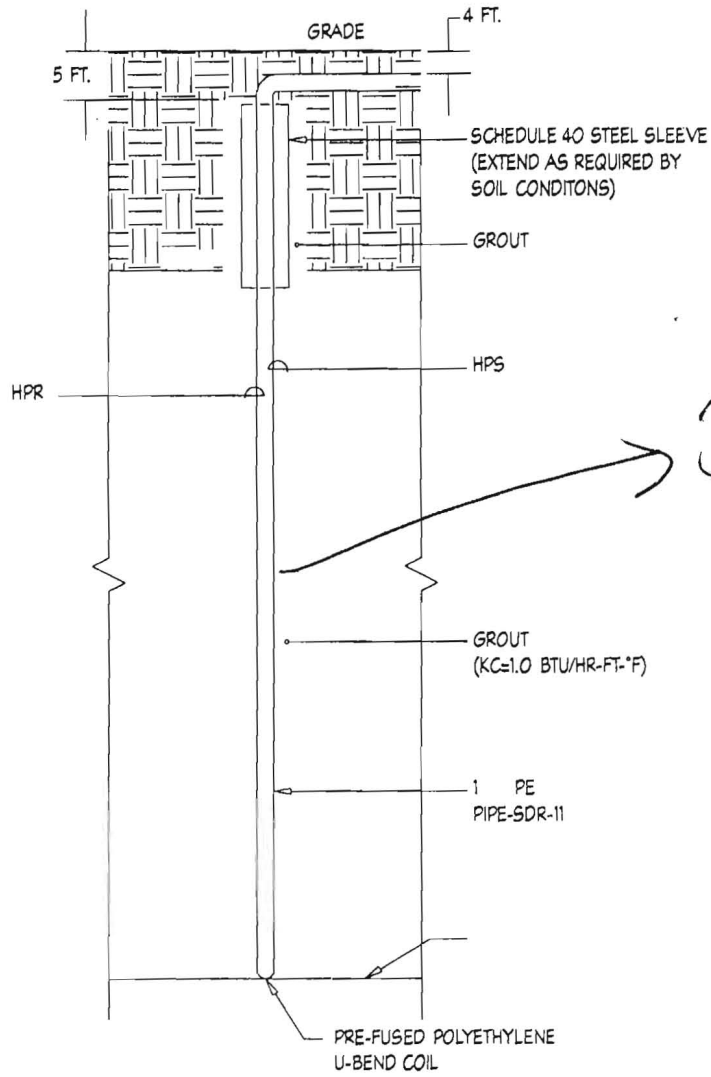
* As of right now there is no regulation on setback distance from dwelling / building. Try to keep 30' or close to 30' removed from dwelling as best as possible. Thanks

-Kevin (410-313-2445)

DRIVEWAY

Montgomery Road

Will be grouted
bottom to top



320'
1" LOOP

4 TYPICAL BORE HOLE DETAIL
M1.00 NOT TO SCALE