

C 1 34115
 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
 PERMIT NO. FROM "PERMIT TO DRILL WELL"
 28 29 30 31 32 33 34 35 36 37
 HO - 14 - 0137

ST/CO USE ONLY
 DATE Received
 MM DD YY
 05 15 15
 DATE WELL COMPLETED
 MM DD YY
 03 12 15
 Depth of Well
 22 345 26
 (TO NEAREST FOOT)

OWNER
 WELL SITE ADDRESS
 SUBDIVISION
 SECTION
 LOT

OK
 3/17/15 SC

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	
TAN Shale	5	30	
Brown Shale	30	50	
DARK Brown Shale	50	70	
HARD GRAY Rock	70	345	✓
		195	✓

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box)
 YES NO
 TYPE OF GROUTING MATERIAL (Circle one)
 CEMENT BENTONITE CLAY
 NO. OF BAGS 25 NO. OF POUNDS 2350
 GALLONS OF WATER 150
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 ft. to 73 ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
 MAIN CASING TYPE
 Nominal diameter top (main) casing (nearest inch)!
 Total depth of main casing (nearest foot)
 PL 6 73
 60 61 63 64 66 70

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

SCREEN RECORD
 screen type or open hole
 insert appropriate code below
 DEPTH (nearest ft.)
 Ho 73 345
 8 9 11 15 17 21
 23 24 26 30 32 36
 38 39 41 45 47 51

NUMBER OF UNSUCCESSFUL WELLS: 0
 WELL HYDROFRACTURED
 YES NO

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 28.04.04 "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 WD 355
 DRILLERS SIGNATURE
 (MUST MATCH SIGNATURE ON APPLICATION)
 LIC. NO. 1 AW D 902

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

DEPTH (nearest ft.)
 Ho 73 345
 8 9 11 15 17 21
 23 24 26 30 32 36
 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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T (E.R.O.S.) W Q
 70 72 74 75 76
 TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3
PUMPING TEST
 HOURS PUMPED (nearest hour) 6
 PUMPING RATE (gal. per min.) 3.16
 METHOD USED TO MEASURE PUMPING RATE Submersible
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING 37 ft.
 WHEN PUMPING 140 ft.
 TYPE OF PUMP USED (for test)
 A air P piston T turbine
 C centrifugal R rotary O other (describe below)
 J jet S submersible

PUMP INSTALLED
 DRILLER INSTALLED PUMP 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.
 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
 - below } (nearest foot)

LATITUDE 3 9.32056
 LONGITUDE 76.89671
 (DEFAULT COORD. WGS 84)

NOTES:
 25 bags = 3.4 bags / 10 ft
 7.3
 Storage: 335 - 37 = 298' ✓
 1.5
 = 447 ft ✓

B 1 28800

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

please type

STATE PERMIT NUMBER

HO - 14 - 0137 fill in this form completely

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13 Land Design + Development 15 Last Name Owner First Name 34 5300 Dorsey Hall Dr, Suite 102 36 Street or RFD 55 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL

Howard 8 COUNTY 21 Myers Property 23 SUBDIVISION 42 SECTION 44 46 LOT 1 48 50 marriottsville 52 NEAREST TOWN 71

DRILLER INFORMATION

Michael Barlow M W D 355 Driller's Name 76 License No. 81 Barlow Well Drilling Firm Name 522 Underwood Lane 21014 Address 10/6/14 Signature Date

B 4 SOURCES OF DRILLING WATER

1. Well 2. 3.

Marriottsville Road 11 STREET ADDRESS 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH N WEST W SOUTH S EAST E 34 500 37 DISTANCE FROM ROAD FT ENTER FT OR MI 38 39 TAX MAP: 10 BLK: 18 PARCEL 32

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 750 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 O OPEN LOOP GEOTHERMAL C CLOSED LOOP GEOTHERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 13 A537354 COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 11/18/14 43 MM DD YY 48 CO SIGNATURE Sub CM EXP. DATE 4/18/15 1/6/15

APPROXIMATE DEPTH OF WELL 250 FEET 24 28

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) 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 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 DEEPEMED AN EXISTING WELL

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

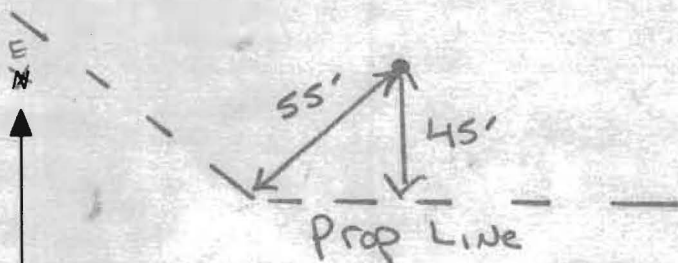
Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER G

PERMIT No. HO - 14 - 0137 70 71 72 73 74 75 76 77 78 79

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

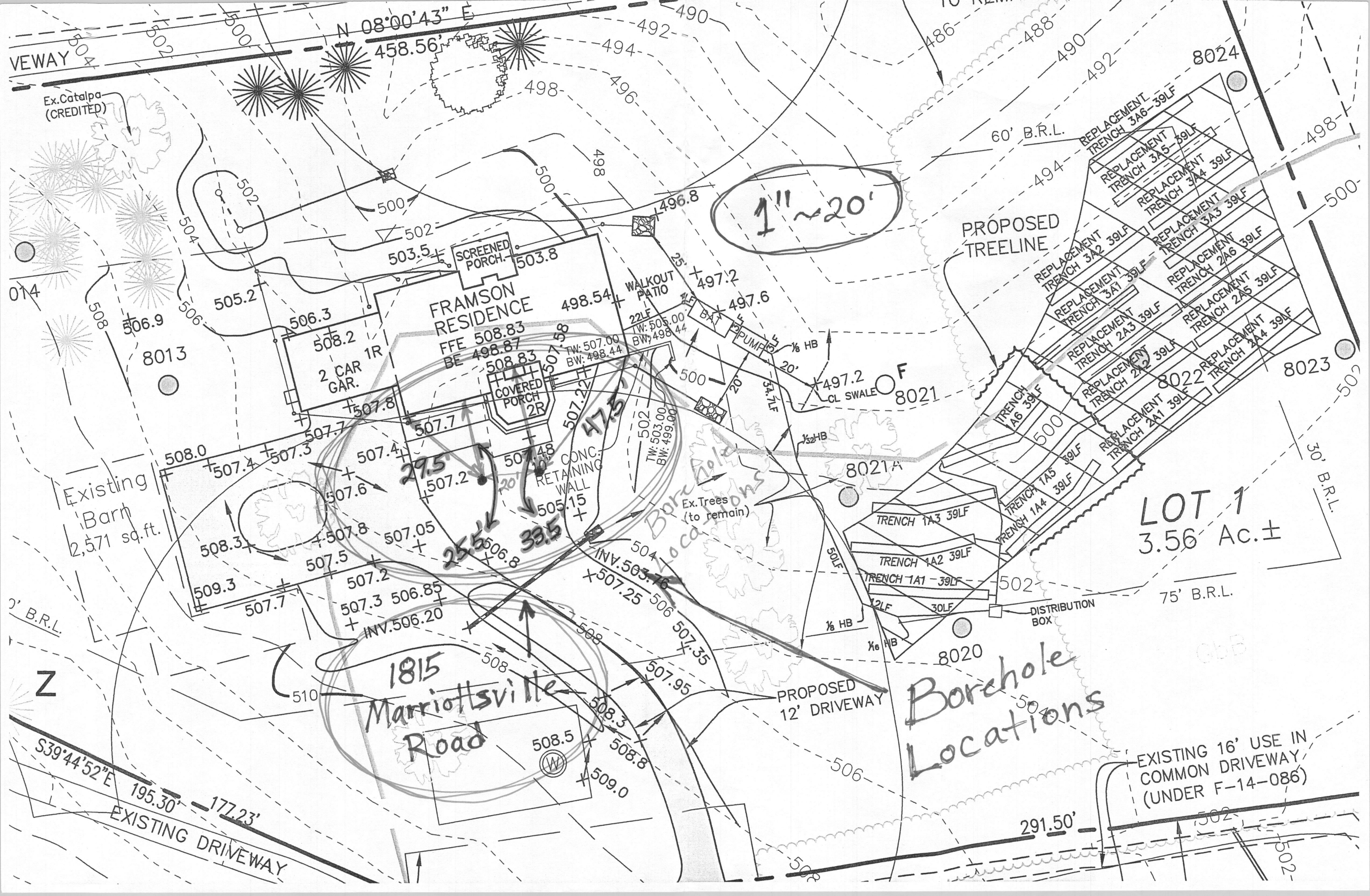
Radium tested 3/9/15 SC



SPECIAL CONDITIONS

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

Radium sample required at time of yield test.



1" ~ 20'

Borehole Locations

Borehole Locations

LOT 1
3.56 Ac. ±

1815
Marriottsville
Road

EXISTING 16' USE IN
COMMON DRIVEWAY
(UNDER F-14-086)

Ex. Catalpa
(CREDITED)

Existing
Barn
2,571 sq. ft.

FRAMSON
RESIDENCE

PROPOSED
TREE LINE

PROPOSED
12' DRIVEWAY

VEWAY

Z

cbB

S39°44'52"E 195.30' 177.23'
EXISTING DRIVEWAY

N 08°00'43" E
458.56'

75' B.R.L.

60' B.R.L.

30' B.R.L.

2' B.R.L.

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