

C1 36740 SEQUENCE NO. (MDE USE ONLY) 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 DATE RECEIVED 01/20/16 DATE WELL COMPLETED 12/17/15 Depth of Well 500 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" 12/16 SC 140-15-0189 OWNER MCINTOSH JAMIE WELL SITE ADDRESS 600 BEETZ RD TOWN MT AIRY SUBDIVISION Gentle Giant Horse Res. SECTION LOT

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 FROM TO check if water bearing Brown Slate 0 59 Gray Slate 59 500

GROUTING RECORD yes no Y N WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC NO. OF BAGS 9 NO. OF POUNDS 450 GALLONS OF WATER 207 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 29 ft. (enter 0 if from surface)

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 45

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

SCREEN RECORD screen type or open hole ST BR HO PL OT STEEL BRASS BRONZE PLASTIC OPEN HOLE OTHER

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED YES NO Y 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

DEPTH (nearest ft.) 45 500 SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60

C3 PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 3.3 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 50 ft. WHEN PUMPING 500 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 (CIRCLE) (YES or NO) 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) 49 above LAND SURFACE below 1 (nearest foot)

LATITUDE 39.354849 LONGITUDE 77.126999 (DEFAULT COORD. WGS 84) Pursuant to §10-624 of the State Govt. Article of the Maryland Code personal info. requested on this form is used in processing this form pursuant to COMAR 26.04.04. Failure to provide the info. may result in this form not being processed. You have the right to inspect, amend, or correct this form. The Maryland Department of the Environment is subject to the Maryland Public Information Act. This form may be made available on the Internet via MDE's website and is subject to inspection or copying, in whole or in part, by the public and other governmental agencies, if not protected by federal or state law.

DRILLERS LIC. NO. 1 MW D 040 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 WR D 107 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 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

<b>B 1</b>	<b>32089</b>	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND <b>APPLICATION FOR PERMIT TO DRILL WELL</b> please type <b>557483</b>	STATE PERMIT NUMBER <b>110-15-0189</b> <small>fill in this form completely</small>
Date Received (APA) <b>12/1/15</b> <small>8 MM DD YY 13</small>		OWNER INFORMATION <b>13183</b>		
Last Name <b>MCINTOSH</b>		Owner First Name <b>JAMIE</b>		
Street or RFD <b>17250 OLD FREDERICK ROAD</b>		Town State Zip <b>MT. AIRY, MD 21771</b>		
DRILLER INFORMATION				
Driller's Name <b>George F. Easterday</b>		M <b>W</b> D <b>040</b> License No. <b>81</b>		
Firm Name <b>L. Franklin Easterday, Inc.</b>				
Address <b>9265 Brown Church Rd., Mt. Airy, Md. 21771</b>				
Signature <i>George F. Easterday</i>		Date <b>12/7/2015</b>		
<b>B 2</b>	WELL INFORMATION			
APPROX. PUMPING RATE (GAL. PER MIN.)		8 <b>5</b> 12		
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)		14 <b>500</b> 20		
USE FOR WATER (CIRCLE APPROPRIATE BOX)				
<input type="checkbox"/> DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION				
<input checked="" 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 type="checkbox"/> CLOSED LOOP GEOTHERMAL				
APPROXIMATE DEPTH OF WELL <b>300</b> FEET				
APPROXIMATE DIAMETER OF WELL <b>6</b> INCH				
METHOD OF DRILLING (circle one)				
BORED (or Augered) <input checked="" type="checkbox"/> JETTED <input type="checkbox"/> Jetted & DRIVEN <input type="checkbox"/>				
AIR-ROTary <input checked="" type="checkbox"/> AIR-PERCussion <input type="checkbox"/> ROTARY (Hydraulic Rotary) <input type="checkbox"/>				
CABLE <input type="checkbox"/> REVERSE-ROTary <input type="checkbox"/> Drive-POINT <input type="checkbox"/>				
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				
<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 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 _____ <b>G</b> _____				
PERMIT No. <b>110-15-0189</b>				
SPECIAL CONDITIONS				
NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED				

<b>B 3</b>	LOCATION OF WELL CCH#	
8 COUNTY <b>Howard</b>		21
23 SUBDIVISION		42
SECTION <b>44</b>	46	LOT <b>48</b> 50
52 NEAREST TOWN <b>Mt Airy</b>		71

<b>B 4</b>	SOURCES OF DRILLING WATER	
1. <b>wells</b>		30
2.		37
3.		38
STREET ADDRESS <b>600 Beetz Road</b>		30
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)		34
DISTANCE FROM ROAD <b>1000</b> Ft.		37
ENTER FT OR MI		38
TAX MAP: <b>2</b> BLK: <b>20</b> PARCEL <b>246</b>		39

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL	
COUNTY NAME <b>Howard</b>	COUNTY NO. <b>13</b>
STATE SIGNATURE _____	INSERT S → 41
DATE ISSUED <b>12/1/15</b>	EXP. DATE <b>12/1/16</b>
CO SIGNATURE <b>Sgt. Galt</b>	

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

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