

C 1 75533 SEQUENCE NO. (MDE USE ONLY)  
 1 2 3 4 5  
 (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 13

ST/CO USE ONLY  
 DATE RECEIVED  
 MM 07 DD 21 YR 23

DATE WELL COMPLETED  
 MM 07 DD 18 YR 23

Depth of Well  
 22 305 26 377/024  
 (TO NEAREST FOOT)  
 PERMIT NO. FROM "PERMIT TO DRILL WELL"  
HO-20-0285

OWNER Edward Lee / Young Lee  
 WELL SITE ADDRESS 13015 Clarksville Pike TOWN Highland  
 SUBDIVISION \_\_\_\_\_ 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		check if water bearing
	FROM	TO	
Red silt Int	0	12	
Brown sand	12	66	
Gravel	66	72	(water)
Brown sand	72	80	
Gray Rock	80	120	
Gray Rock Fract	120	121	(water)
Black Gray R	121	130	
Gray Black silt	130	180	(water)
Hot Fracture	180	210	
Black Rock Fractures	210	305	
Light Gray Rock	305		

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) YES  NO   
 TYPE OF GROUTING MATERIAL (Circle one) CEMENT  BENTONITE CLAY   
 CEMENT  BENTONITE CLAY   
 NO. OF BAGS 0 NO. OF POUNDS 44  
 GALLONS OF WATER 44  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from 0 ft. to 66 ft.  
 48 TOP 52 54 BOTTOM 58 ft.  
 (enter 0 if from surface)

**CASING RECORD**  
 casing types insert appropriate code below  
 ST STEEL CO CONCRETE  
 PL PLASTIC OT OTHER  
 MAIN CASING TYPE  
 Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)  
 P 60 61 63 64 66 70

OTHER CASING (if used)  
 diameter depth (feet)  
 P 4 1/2 43 100  
 Liner → with Packers

**SCREEN RECORD**  
 screen type or open hole insert appropriate code below  
 ST STEEL BR BRASS HO OPEN HOLE  
 PL PLASTIC OT OTHER

**PUMPING TEST**  
 HOURS PUMPED (nearest hour) 4  
 PUMPING RATE (gal. per min.) 49 gpm  
 METHOD USED TO MEASURE PUMPING RATE Bucket  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING 30 ft.  
 WHEN PUMPING 300 ft.  
 TYPE OF PUMP USED (for test)  
 air  piston  turbine  
 centrifugal  rotary  other (describe below)  
 jet  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)  
 above LAND SURFACE   
 below 2 (nearest foot)

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED YES  NO   
 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 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. MSD 212  
 DRILLERS SIGNATURE  
 (MUST MATCH SIGNATURE ON APPLICATION)  
 LIC. NO. D

**DEPTH (nearest ft.)**  
 1 100 2 305  
 3 23 24 26 30 32 36  
 4 38 39 41 45 47 51  
 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  
 70 72 74 75 76

LATITUDE 39.185973  
 LONGITUDE 76.947963  
 (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.

<b>B 1</b>	SEQUENCE NO. (MDE USE ONLY)	<b>STATE OF MARYLAND</b> <b>APPLICATION FOR PERMIT TO DRILL WELL</b> please type	STATE PERMIT NUMBER <b>H0-20-0285</b> <small>70 79</small> fill in this form completely
------------	--------------------------------	--	--

<b>B 3</b>	Date Received (APA) <small>8 MM DD YY 13</small>	<b>OWNER INFORMATION</b>
		15 Last Name <u>Edward Lee</u> / Owner <u>Young Lee</u> First Name 34 36 Street or RFD <u>13015 Clarksville Pike</u> 55 57 Town <u>Highland</u> 70 State <u>MD</u> 72 Zip <u>20738</u> 76

<b>B 3</b>	<b>LOCATION OF WELL</b>
	<u>Howard</u> <small>8 COUNTY 21</small> 23 SUBDIVISION _____ 42 SECTION _____ LOT <u>1</u> <small>44 46 48 50</small> <u>Clarksville / Highland</u> <small>52 NEAREST TOWN 71</small>

<b>B 2</b>	<b>DRILLER INFORMATION</b>
	Driller's Name <u>Hydro Wells, LLC</u> 76 License No. <u>M S D 216</u> 81 Firm Name <u>Hydro Wells, LLC</u> Address <u>122910 Mount Ephraim Rd Dickerson MD 20817</u> Signature _____ Date _____

<b>B 4</b>	<b>SOURCES OF DRILLING WATER</b>
	1. <u>Private Well</u> 2. _____ 3. _____  ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH <input type="checkbox"/> SOUTH <input type="checkbox"/> WEST <input type="checkbox"/> EAST <input type="checkbox"/> 34 <u>100</u> 37 DISTANCE FROM ROAD <u>11</u> <small>ENTER FT OR MI 38 39</small> TAX MAP: <u>0034</u> BLK: <u>0029</u> PARCEL <u>001</u>

<b>B 2</b>	<b>WELL INFORMATION</b>
	APPROX. PUMPING RATE (GAL. PER MIN.) <u>3</u> <small>8 12</small> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <u>1000</u> <small>14 20</small>

<b>B 2</b>	<b>USE FOR WATER (CIRCLE APPROPRIATE BOX)</b>
	<input checked="" 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

<b>B 2</b>	<b>NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL</b>
	<u>Howard County</u> COUNTY NAME COUNTY NO. <u>13</u> STATE SIGNATURE _____ INSERT S → _____ 41 DATE ISSUED <u>6/26/2023</u> <u>6/26/2024</u> <small>43 MM DD YY 48</small> CO SIGNATURE EXP. DATE

<b>B 2</b>	<b>APPROXIMATE DEPTH OF WELL</b> <u>300</u> FEET <small>24 28</small>
	APPROXIMATE DIAMETER OF WELL <u>6</u> INCH NEAREST

<b>B 2</b>	<b>PROPOSED LOCATION OF WELL ON LOT</b>
	SHOW PERMANENT STRUCTURES SUCH AS BUILDINGS, SEPTIC SYSTEM, ROADS AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCE MEASUREMENTS TO WELL 

<b>B 2</b>	<b>METHOD OF DRILLING (circle one)</b>
	BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary) 30 CABLE REVERSE-ROTary DRIVE-POINT 37 other _____

<b>B 2</b>	<b>REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)</b>
	<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

<b>B 2</b>	<b>Not to be filled in by driller (MDE OR COUNTY USE ONLY)</b>
	APPROX. PERMIT NUMBER _____ <b>G</b> _____ PERMIT No. <u>H0-20-0285</u> <small>70 71 72 73 74 75 76 77 78 79</small>

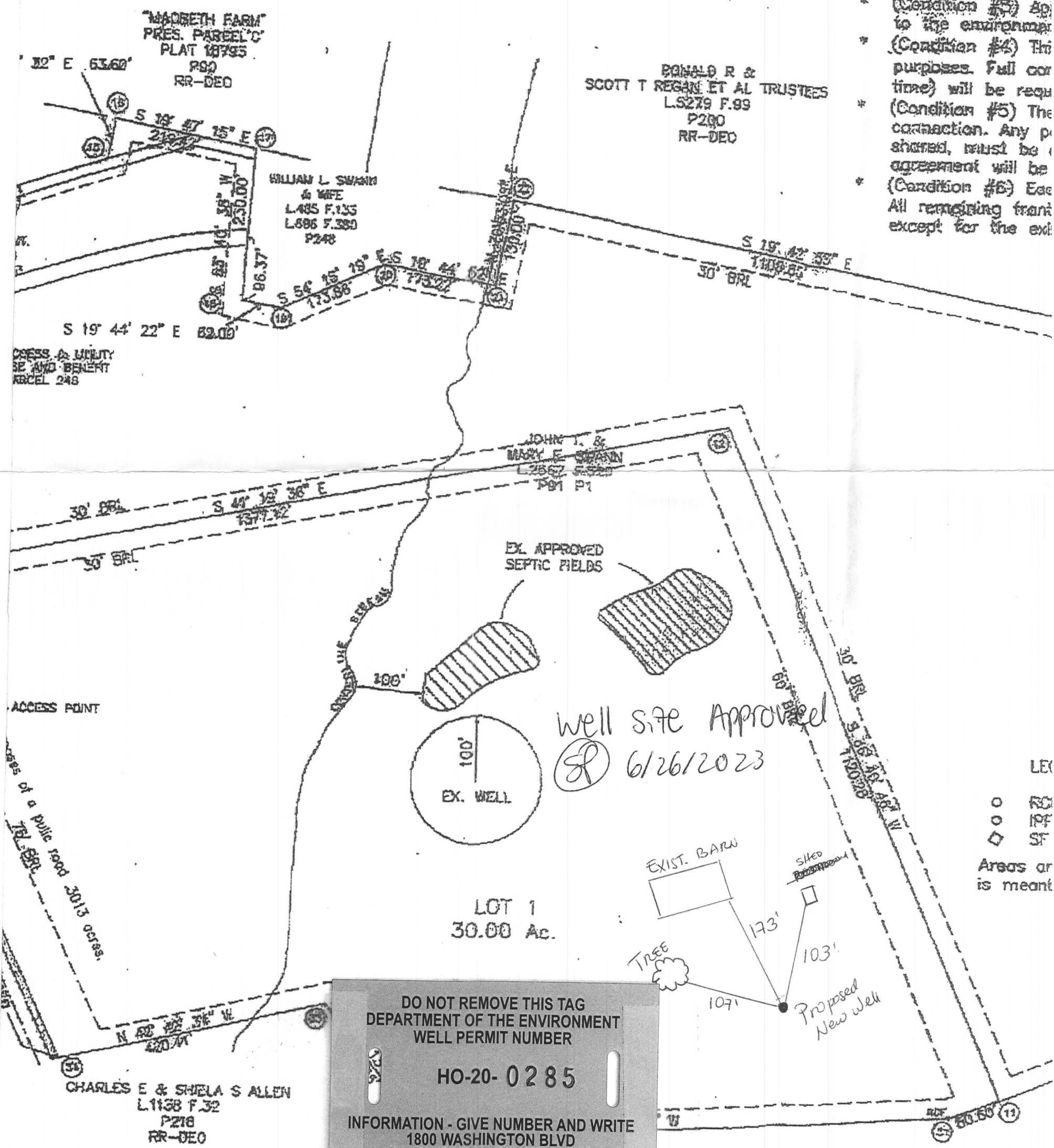
<b>B 2</b>	<b>SPECIAL CONDITIONS</b> <u>Please call for drilling, field, &amp; grout</u>
------------	---

7/17/2023- Driller was checked 20' 11/min. finished drilling @ 300'. Current...

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.



development of e  
 \* (Condition #2 - 1  
 at this time on t  
 \* (Condition #3) Ag  
 to the environmen  
 \* (Condition #4) Thi  
 purposes. Full cor  
 time) will be requ  
 \* (Condition #5) The  
 connection. Any p  
 shared, must be  
 agreement will be  
 \* (Condition #6) Eac  
 All remaining front  
 except for the ext



Well site Approved  
 Ⓢ 6/26/2023

LEG  
 ○ RC  
 ○ PF  
 ◇ SF  
 Areas ar  
 is meant

DO NOT REMOVE THIS TAG  
 DEPARTMENT OF THE ENVIRONMENT  
 WELL PERMIT NUMBER  
**HO-20-0285**  
 INFORMATION - GIVE NUMBER AND WRITE  
 1800 WASHINGTON BLVD  
 BALTIMORE MARYLAND 21230

**OWNER**  
 WILLIAM L. SWANN AND JOSEPH L. SWANN  
 c/o WILLIAM L. SWANN  
 12979 CLARKSVILLE PKE

JAMES H &  
 CLARE EASTER, TRUSTEES  
 L.8403 F.527  
 P.773  
 RR-DEO

**ENGINEER/SURVEYOR**  
 PETER A. GALLERIZZO  
 (P.0. MARY. ET

## Page, Shepsura

---

**From:** Page, Shepsura  
**Sent:** Monday, June 26, 2023 10:29 AM  
**To:** Hydrowells LLC  
**Subject:** RE: 13015 Clarksville Pike

Great,  
I will be issuing the permit shortly it will be ready for pick up 11:00.

Thanks,

Shepsura Page, EH Specialist  
Well & Septic Program  
Howard County Health Department  
8930 Stanford Blvd.  
Columbia, MD 21045  
410-313-1789 (Office)  
410-313-2648 (Fax)  
[www.hchealth.org](http://www.hchealth.org)  
[spage@howardcountymd.gov](mailto:spage@howardcountymd.gov)



[twitter.com/HoCoHealth](https://twitter.com/HoCoHealth)



[facebook.com/HoCoHealth](https://facebook.com/HoCoHealth)



[instagram.com/hocohealth](https://instagram.com/hocohealth)

### CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.

**From:** Hydrowells LLC <[hydrowells@gmail.com](mailto:hydrowells@gmail.com)>  
**Sent:** Monday, June 26, 2023 10:08 AM  
**To:** Page, Shepsura <[spage@howardcountymd.gov](mailto:spage@howardcountymd.gov)>  
**Subject:** Re: 13015 Clarksville Pike

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Yes, it was an old stake, but it was used to mark the new well point.

Thank you,  
Elba

On Mon, Jun 26, 2023 at 9:40 AM Page, Shepsura <[spage@howardcountymd.gov](mailto:spage@howardcountymd.gov)> wrote:

Okay, I saw a stake in that direction but it was labeled septic. Did they use an older stake for the well location, I'd like to verify it before releasing the permit.

Shepsura Page, EH Specialist

Well & Septic Program

Howard County Health Department

8930 Stanford Blvd.

Columbia, MD 21045

410-313-1789 (Office)

410-313-2648 (Fax)

[www.hchealth.org](http://www.hchealth.org)

[spage@howardcountymd.gov](mailto:spage@howardcountymd.gov)



[twitter.com/HoCoHealth](https://twitter.com/HoCoHealth)



[facebook.com/HoCoHealth](https://facebook.com/HoCoHealth)



[instagram.com/hocohealth](https://instagram.com/hocohealth)

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.

?

---

**From:** Hydrowells LLC <[hydrowells@gmail.com](mailto:hydrowells@gmail.com)>  
**Sent:** Monday, June 26, 2023 9:30 AM  
**To:** Page, Shepsura <[spage@howardcountymd.gov](mailto:spage@howardcountymd.gov)>  
**Subject:** Re: 13015 Clarksville Pike

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Yes, the well has been staked, but the pictures do not show the correct location. So, from the tree shown, is 107ft to the right in the second picture. From the corner of the chicken coop, it is 153ft. And from the small shed, it is 103ft.

On Mon, Jun 26, 2023 at 8:59 AM Page, Shepsura <[spage@howardcountymd.gov](mailto:spage@howardcountymd.gov)> wrote:

Good Morning Elba,

I was just about to email you. The permit has not been released yet. After my site visit Friday 6/23 I was not able to verify the proposed well stake. Has the well been staked yet and if so, do the attached pictures show the correct location?

Thanks,

Shepsura Page, EH Specialist

Well & Septic Program

Howard County Health Department

8930 Stanford Blvd.

Columbia, MD 21045

410-313-1789 (Office)

410-313-2648 (Fax)

[www.hchealth.org](http://www.hchealth.org)

[spage@howardcountymd.gov](mailto:spage@howardcountymd.gov)



[twitter.com/HoCoHealth](https://twitter.com/HoCoHealth)



[facebook.com/HoCoHealth](https://facebook.com/HoCoHealth)



[instagram.com/hocohealth](https://instagram.com/hocohealth)

#### CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.

---

**From:** Hydrowells LLC <[hydrowells@gmail.com](mailto:hydrowells@gmail.com)>

**Sent:** Monday, June 26, 2023 8:53 AM

**To:** Page, Shepsura <[spage@howardcountymd.gov](mailto:spage@howardcountymd.gov)>

**Subject:** Re: 13015 Clarksville Pike

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Hi good morning Page,

I am wondering if the permit is already realised and I would like to ask you if Could I go to pick it up?

I am 1 hour away.

Thanks

Elba

On Fri, Jun 23, 2023 at 10:12 AM Hydrowells LLC <[hydrowells@gmail.com](mailto:hydrowells@gmail.com)> wrote:

Sounds good, thank you!

On Fri, Jun 23, 2023 at 10:12 AM Page, Shepsura <[spage@howardcountymd.gov](mailto:spage@howardcountymd.gov)> wrote:

Okay, I'll keep you updated on when it is ready for pick up.

Thanks,

Shepsura Page, EH Specialist

Well & Septic Program

Howard County Health Department

8930 Stanford Blvd.

Columbia, MD 21045

410-313-1789 (Office)

410-313-2648 (Fax)

[www.hchealth.org](http://www.hchealth.org)

[spage@howardcountymd.gov](mailto:spage@howardcountymd.gov)



[twitter.com/HoCoHealth](https://twitter.com/HoCoHealth)



[facebook.com/HoCoHealth](https://facebook.com/HoCoHealth)



[instagram.com/hocohealth](https://instagram.com/hocohealth)

#### CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.

---

**From:** Hydrowells LLC <[hydrowells@gmail.com](mailto:hydrowells@gmail.com)>  
**Sent:** Friday, June 23, 2023 10:11 AM  
**To:** Page, Shepsura <[spage@howardcountymd.gov](mailto:spage@howardcountymd.gov)>  
**Subject:** Re: 13015 Clarksville Pike

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Yes, I prefer to pick it up because by mail, it would be arriving in around a week, and that is too long of a wait.

Thanks,

Elba

On Fri, Jun 23, 2023 at 10:05 AM Page, Shepsura <[spage@howardcountymd.gov](mailto:spage@howardcountymd.gov)> wrote:

Good morning,

I will do a site visit today to verify the well meets setbacks. Would you prefer picking up the permit over receiving it by mail?

Thanks,

Shepsura Page, EH Specialist

Well & Septic Program

Howard County Health Department

8930 Stanford Blvd.

Columbia, MD 21045

410-313-1789 (Office)

410-313-2648 (Fax)

[www.hchealth.org](http://www.hchealth.org)

[spage@howardcountymd.gov](mailto:spage@howardcountymd.gov)





[twitter.com/HoCoHealth](https://twitter.com/HoCoHealth)



[facebook.com/HoCoHealth](https://facebook.com/HoCoHealth)



[instagram.com/hocohealth](https://instagram.com/hocohealth)

#### CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.

---

**From:** Hydrowells LLC <[hydrowells@gmail.com](mailto:hydrowells@gmail.com)>  
**Sent:** Friday, June 23, 2023 10:00 AM  
**To:** Page, Shepsura <[spage@howardcountymd.gov](mailto:spage@howardcountymd.gov)>  
**Subject:** Re: 13015 Clarksville Pike

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Good morning Page

There is any update about the permit?

If it is done Could you please let me know in order to pick up by myself

Thanks

Elba

(301)393-7090

On Wed, Jun 21, 2023 at 9:57 AM Hydrowells LLC <[hydrowells@gmail.com](mailto:hydrowells@gmail.com)> wrote:

Good morning,

The well will be used only for irrigation and it will be used with a generator.

Thanks

Elba

On Wed, Jun 21, 2023 at 9:52 AM Page, Shepsura <[spage@howardcountymd.gov](mailto:spage@howardcountymd.gov)> wrote:

Good Morning,

Your well permit for 13015 Clarksville Pike is currently under review. I have a few questions before releasing your permit. What is the intended use for the irrigation well? And how will the well get hooked up?

Thanks,

Shepsura Page, EH Specialist

Well & Septic Program

Howard County Health Department

8930 Stanford Blvd.

Columbia, MD 21045

410-313-1789 (Office)

410-313-2648 (Fax)

[www.hchealth.org](http://www.hchealth.org)

[spage@howardcountymd.gov](mailto:spage@howardcountymd.gov)



[twitter.com/HoCoHealth](https://twitter.com/HoCoHealth)



[facebook.com/HoCoHealth](https://facebook.com/HoCoHealth)



[instagram.com/hocohealth](https://instagram.com/hocohealth)

#### CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.