



**STATE OF TENNESSEE**  
**DEPARTMENT OF ENVIRONMENT AND CONSERVATION**  
 DIVISION OF WATER RESOURCES - DRINKING WATER UNIT  
 William R. Snodgrass - Tennessee Tower  
 312 Rosa L. Parks Avenue, 11<sup>th</sup> Floor  
 Nashville, Tennessee 37243-1102

THIS REPORT TO BE SUBMITTED BY DRILLER WITHIN 60 DAYS AFTER  
 COMPLETION OF DRILLING WATER WELL WITH REQUIRED FEE TO THE ABOVE ADDRESS:

**OFFICE USE ONLY:**

Well No.: \_\_\_\_\_  
 Date Rec'd: \_\_\_\_\_  
 Check # \_\_\_\_\_  
 Amount Rec'd: \_\_\_\_\_  
 Receipt #: \_\_\_\_\_ CD#: \_\_\_\_\_

**TENNESSEE WATER WELL DRILLERS REPORT**

PRINT OR TYPE ONLY

<p><b>(1) LICENSEE</b></p> <p>Firm Name <u>Dempsey Drilling</u> Lic No. <u>936</u>        Rig Operator <u>Nick Jones</u>        Driller Tag # <u><del>20122746</del> D0126538</u></p>	<p><b>(9) WELL OWNER</b></p> <p>Name <u>Shane Kukla</u>        Or Company _____        Address <u>1468 Cumberland Lakes Drive</u>        City <u>Monterey</u>, State <u>TN</u> Zip <u>38574</u>        Phone # <u>(616) 970-5946</u></p>																						
<p><b>(2) WELL LOCATION</b></p> <p>County <u>Putnam</u></p> <p>Driller Map No. _____ Number _____ Letter _____ W X Y Z Section _____</p> <p>OR        Latitude <u>36 11 52</u> Longitude <u>85 13 71</u>        Deg Min Sec Deg Min Sec        Address <u>1468 Cumberland Lakes Dr</u>        City <u>Monterey</u> Zip <u>38574</u>        _____ mile(s) (N) (E) (S) (W) of _____ LANDMARK _____</p>	<p><b>(10) PROPOSED USE OF WELL</b></p> <p>Residential <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Monitor <input type="checkbox"/> Test <input type="checkbox"/>        Farm <input type="checkbox"/> Irrigation <input type="checkbox"/> Heat Pump <input type="checkbox"/> Municipal <input type="checkbox"/> Other <input type="checkbox"/>        (Specify other) _____</p>																						
<p><b>(3) TYPE OF WORK</b></p> <p>Date Drill rig left site: <u>07/13/2022</u></p> <p>New Well <input checked="" type="checkbox"/> Deepen <input type="checkbox"/> Rework <input type="checkbox"/> Backfill &amp; Abandon <input type="checkbox"/></p>	<p><b>(11) PRIMARY CASING</b></p> <p>Diameter <u>6 5/8</u> Inches Top Set <u>18</u> Inches Above Ground        From land Surface to <u>20</u> Feet Below Ground        Type: Plastic <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Galvanized <input type="checkbox"/> Concrete <input type="checkbox"/> Other <input type="checkbox"/> None <input type="checkbox"/>        Wall Thickness <u>.188</u> or SDR # _____</p>																						
<p><b>(4) WELL COMPLETION DATA</b></p> <p>Date Completed <u>07/12/2022</u> Static Level <u>80</u> Feet        Total Depth <u>200</u> Feet Estimated Yield <u>10</u> GPM        Depth to Bedrock _____ Feet</p>	<p><b>(12) WELL FINISH</b></p> <p>Open Hole <input checked="" type="checkbox"/> Screen <input type="checkbox"/> Slotted or Perf. Pipe <input type="checkbox"/>        From <u>20</u> Feet To <u>200</u> Feet        If Screen, Plastic <input type="checkbox"/> Metal <input type="checkbox"/> Slot Size _____ Inches        Gravel Pack From _____ Feet To _____ Feet</p>																						
<p><b>(5) WATER-BEARING ZONES</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>DEPTH IN FT.</th> <th>GPM</th> <th>WATER QUALITY</th> </tr> </thead> <tbody> <tr> <td><u>100</u></td> <td><u>10</u></td> <td></td> </tr> </tbody> </table>	DEPTH IN FT.	GPM	WATER QUALITY	<u>100</u>	<u>10</u>		<p><b>(13) BACK FILL MATERIAL</b></p> <p>Bentonite <input checked="" type="checkbox"/> Portland Cement <input type="checkbox"/> From 3 Feet to 10 Feet</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>From</th> <th>To</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>Cuttings <u>11</u></td> <td><u>20</u></td> <td>Sand</td> <td></td> </tr> <tr> <td>Bentonite <u>0</u></td> <td><u>10</u></td> <td>Portland Cement</td> <td></td> </tr> <tr> <td>Other (Specify) _____</td> <td></td> <td>Other (Specify) _____</td> <td></td> </tr> </tbody> </table>	From	To	From	To	Cuttings <u>11</u>	<u>20</u>	Sand		Bentonite <u>0</u>	<u>10</u>	Portland Cement		Other (Specify) _____		Other (Specify) _____	
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<p><b>(6) WELL TEST</b></p> <p>Tested By: Pumping <input checked="" type="checkbox"/> Blowing <input type="checkbox"/> Bailing <input type="checkbox"/>        Static Level <u>80</u> Feet Pumping Level <u>80</u> After _____ Hour(s)  <u>30</u> Minute(s) At <u>10</u> GPM        Development Time <u>24</u> Hour(s)</p>	<p><b>(14) LINER CASING</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>Type: Plastic <input type="checkbox"/> Steel <input type="checkbox"/> Diameter _____ Inches        From: _____ Feet To: _____ Feet        Packers Installed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>        Location: _____ Feet and _____ Feet</p>																						
<p><b>(7) FORMATION LOG</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>DEPTH IN FT.</th> <th>DESCRIPTION (DENOTE ROCK COLOR &amp; TYPE OR CAVES)</th> </tr> </thead> <tbody> <tr> <td><u>0</u> <u>3</u></td> <td><u>Overburden</u></td> </tr> <tr> <td><u>4</u> <u>30</u></td> <td><u>Red sand rock</u></td> </tr> <tr> <td><u>31</u> <u>80</u></td> <td><u>White Sand Rock</u></td> </tr> <tr> <td><u>81</u> <u>100</u></td> <td><u>slate</u></td> </tr> <tr> <td><u>101</u> <u>200</u></td> <td><u>white sand rock</u></td> </tr> </tbody> </table>	DEPTH IN FT.	DESCRIPTION (DENOTE ROCK COLOR & TYPE OR CAVES)	<u>0</u> <u>3</u>	<u>Overburden</u>	<u>4</u> <u>30</u>	<u>Red sand rock</u>	<u>31</u> <u>80</u>	<u>White Sand Rock</u>	<u>81</u> <u>100</u>	<u>slate</u>	<u>101</u> <u>200</u>	<u>white sand rock</u>	<p><b>(15) ANTICIPATED WATER QUALITY</b></p> <p>Clear <input checked="" type="checkbox"/> Cloudy <input type="checkbox"/> Dingy <input type="checkbox"/> Muddy <input type="checkbox"/>        Good <input type="checkbox"/> Fair <input type="checkbox"/> Bad <input type="checkbox"/> Iron <input type="checkbox"/> Sulfur <input type="checkbox"/>        Gas <input type="checkbox"/> Oil <input type="checkbox"/> Salt <input type="checkbox"/>        Other <input type="checkbox"/> (Specify) _____</p>										
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<p><b>(8) COMMENTS</b></p> <p>_____        _____        _____        _____</p>	<p><b>(16) GENERAL INFORMATION</b></p> <p>Well Disinfected: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Well Capped: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>        Well located greater than fifty feet from septic tank &amp; field Lines: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>        From information provide by:  <input type="checkbox"/> Property Owner (provide written statement by owner)  <input checked="" type="checkbox"/> Driller determination  <input type="checkbox"/> Health Department        Drilling process water obtained from:        Well <input type="checkbox"/> Springbox <input type="checkbox"/> Public Supply <input checked="" type="checkbox"/> Surface Supply <input type="checkbox"/>        Pump Installed by Driller: Yes <input type="checkbox"/> No <input type="checkbox"/>        Variance Issued: Yes <input type="checkbox"/> No <input type="checkbox"/></p>																						

I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Signature of Licensee: \_\_\_\_\_

Distribution: White - Central Office

Canary - Driller

Pink - Homeowner