

**WATER WELL RECORD Form WWC-5**

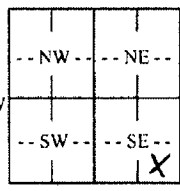
Original Record  Correction  Change in Well Use

Division of Water Resources App. No.  

Well ID SPMW-4

<b>1 LOCATION OF WATER WELL:</b> County: <u>Pettawatomie</u>	Fraction <u>1/4 1/4 SE 1/4 SE 1/4</u>	Section Number <u>7</u>	Township Number <u>T 10 S</u>	Range Number <u>R 8 E W</u>
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<b>2 WELL OWNER:</b> Last Name: <u>KDHE</u> Business: <u>KDHE</u> Address: <u>1000 SW Jackson, Suite 110</u> City: <u>Topeka</u> State: <u>KS</u> ZIP: <u>66612</u>	Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here: <input type="checkbox"/> <u>Well is located in basin east of Tuttle Creek Blvd and North of Goodfood Pl. in Manhattan, KS.</u>
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<b>3 LOCATE WELL WITH "X" IN SECTION BOX:</b> N  S W E	<b>4 DEPTH OF COMPLETED WELL:</b> <u>66</u> ft. Depth(s) Groundwater Encountered: 1) <u>20</u> ft. 2) <u> </u> ft. 3) <u> </u> ft. or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: <u>18.45</u> ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) <u>10/11/2017</u> <input type="checkbox"/> above land surface, measured on (mo-day-yr) <u> </u> Pump test data: Well water was <u> </u> ft. after <u> </u> hours pumping <u> </u> gpm Well water was <u> </u> ft. after <u> </u> hours pumping <u> </u> gpm Estimated Yield: <u> </u> gpm Bore Hole Diameter: <u>8.25</u> in. to <u>66</u> ft. and <u> </u> in. to <u> </u> ft.	<b>5 Latitude:</b> <u>39.19087</u> (decimal degrees) <b>Longitude:</b> <u>96.55827</u> (decimal degrees) Horizontal Datum: <input checked="" type="checkbox"/> WGS 84 <input type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: <u>Garmin 60c</u> <input checked="" type="checkbox"/> GPS (unit make/model: <u> </u> ) (WAAS enabled? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No) <input type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper: <u> </u>
<b>6 Elevation:</b> <u> </u> ft. <input type="checkbox"/> Ground Level <input type="checkbox"/> TOC Source: <input type="checkbox"/> Land Survey <input checked="" type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input type="checkbox"/> Other <u> </u>		

**7 WELL WATER TO BE USED AS:**

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock 2. <input type="checkbox"/> Irrigation 3. <input type="checkbox"/> Feedlot 4. <input type="checkbox"/> Industrial	5. <input type="checkbox"/> Public Water Supply: well ID <u> </u> 6. <input type="checkbox"/> Dewatering: how many wells? <u> </u> 7. <input type="checkbox"/> Aquifer Recharge: well ID <u> </u> 8. <input checked="" type="checkbox"/> Monitoring: well ID <u>SPMW-4</u> 9. Environmental Remediation: well ID <u> </u> <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	10. <input type="checkbox"/> Oil Field Water Supply: lease <u> </u> 11. Test Hole: well ID <u> </u> <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical 12. Geothermal: how many bores? <u> </u> a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water 13. <input type="checkbox"/> Other (specify): <u> </u>
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Was a chemical/bacteriological sample submitted to KDHE?  Yes  No If yes, date sample was submitted:    
 Water well disinfected?  Yes  No

**8 TYPE OF CASING USED:**  Steel  PVC  Other   CASING JOINTS:  Glued  Clamped  Welded  Threaded  
 Casing diameter 2.0 in. to 66 ft. Diameter   in. to   ft. Diameter   in. to   ft.  
 Casing height above land surface 0.3 in. Weight   lbs./ft. Wall thickness or gauge No. Sch. 40  
 TYPE OF SCREEN OR PERFORATION MATERIAL:  
 Steel  Stainless Steel  Fiberglass  PVC  Other (Specify)    
 Brass  Galvanized Steel  Concrete tile  None used (open hole)  
 SCREEN OR PERFORATION OPENINGS ARE:  
 Continuous Slot  Mill Slot  Gauze Wrapped  Torch Cut  Drilled Holes  Other (Specify)    
 Louvered Shutter  Key Punched  Wire Wrapped  Saw Cut  None (Open Hole)  
 SCREEN-PERFORATED INTERVALS: From 66 ft. to 56 ft. From   ft. to   ft. From   ft. to   ft.  
 GRAVEL PACK INTERVALS: From 66 ft. to 53 ft. From   ft. to   ft. From   ft. to   ft.

**9 GROUT MATERIAL:**  Neat cement  Cement grout  Bentonite  Other    
 Grout Intervals: From 53 ft. to 20 ft., From 20 ft. to 2 ft., From   ft. to   ft.  
 Nearest source of possible contamination:  
 Septic Tank  Lateral Lines  Pit Privy  Livestock Pens  Insecticide Storage  
 Sewer Lines  Cess Pool  Sewage Lagoon  Fuel Storage  Abandoned Water Well  
 Watertight Sewer Lines  Seepage Pit  Feedyard  Fertilizer Storage  Oil Well/Gas Well  
 Other (Specify) Dry Cleaner Facility  
 Direction from well?   Distance from well?   ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	3	Topsoil			
3	20	Clay, Tan, Stiff			
20	66	Sand, fine grain, poorly sorted, becoming larger grain as depth increases.			
<b>Notes:</b> Cinderella/Stickel Cleaners Project					

**11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:** This water well was  constructed,  reconstructed, or  plugged under my jurisdiction and was completed on (mo-day-year) 10/6/2017 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 7.10 This Water Well Record was completed on (mo-day-year) 11/3/2017 under the business name of Below Ground Surface, Inc.