

WATER WELL RECORD Form WWC-5

Original Record Correction Change in Well Use

Division of Water Resources App. No.

Well ID

BSW-21A

1 LOCATION OF WATER WELL: County: <u>Pottawatomie</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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2 WELL OWNER: Last Name: First: 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"/> Business: <u>KDHE</u> Address: <u>1000 SW Jackson, Suite 110</u> Address: City: <u>Topeka</u> State: <u>KS</u> ZIP: <u>66612</u> Well is located in basin east of Tuttle Creek Blvd and North of Goodfood Pl. in Manhattan, KS.

3 LOCATE WELL WITH "X" IN SECTION BOX: N <table style="width: 100%; text-align: center; border-collapse: collapse;"> <tr><td style="border: 1px solid black; padding: 5px;">NW</td><td style="border: 1px solid black; padding: 5px;">NE</td></tr> <tr><td style="border: 1px solid black; padding: 5px;">SW</td><td style="border: 1px solid black; padding: 5px;">SE</td></tr> </table> S W E X (in SE corner) 1 mile scale bar	NW	NE	SW	SE	4 DEPTH OF COMPLETED WELL: <u>66.8</u> ft. Depth(s) Groundwater Encountered: 1) <u>22</u> ft. 2) ft. 3) ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: ft. <input type="checkbox"/> below land surface, measured on (mo-day-yr)..... <input type="checkbox"/> above land surface, measured on (mo-day-yr)..... Pump test data: Well water was ft. after hours pumping gpm Well water was ft. after hours pumping gpm Estimated Yield: gpm Bore Hole Diameter: <u>3.5</u> in. to <u>66.8</u> ft. and in. to ft.	5 Latitude: <u>39 19065</u> (decimal degrees) Longitude: <u>96.55833</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: <input checked="" type="checkbox"/> GPS (unit make/model: <u>Garmin 60c</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:
NW	NE					
SW	SE					
6 Elevation: 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						

7 WELL WATER TO BE USED AS:

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock <input type="checkbox"/> Irrigation <input type="checkbox"/> Feedlot <input type="checkbox"/> Industrial	5. <input type="checkbox"/> Public Water Supply: well ID 6. <input type="checkbox"/> Dewatering: how many wells? 7. <input type="checkbox"/> Aquifer Recharge: well ID 8. <input checked="" type="checkbox"/> Monitoring: well ID 9. Environmental Remediation: well ID <u>BSW-21A</u> <input checked="" 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 11. Test Hole: well ID <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical 12. Geothermal: how many bores? 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):
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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 1 in. to 65.8 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. 80.....

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 66.8 ft. to 65.8 ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 66.8 ft. to 65.0 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
 Grout Intervals: From 65.0 ft. to 21.9 ft., From 21.9 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.			
Notes: 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) 10/25/2017..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 710..... This Water Well Record was completed on (mo-day-year) 11/16/2017..... under the business name of Below Ground Surface, Inc......