

WATER WELL RECORD Form WWC-5

Original Record Correction Change in Well Use

Division of Water Resources App. No.

Well ID

1 LOCATION OF WATER WELL: County: OTTAWA	Fraction $\frac{1}{4}$ $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$	Section Number 28	Township Number T 10 S	Range Number R 4 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
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2 WELL OWNER: Last Name: CROSSEN First: DREW Business Address: 915 RIFLE ROAD City: MINNEAPOLIS State: KS ZIP: 67467	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"/> 90TH ROAD AND NUGGET ROAD - GO WEST 1/4 MILE AND SOUTH SIDE
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3 LOCATE WELL WITH "X" IN SECTION BOX: N S -----1 mile-----	4 DEPTH OF COMPLETED WELL: 152 ft. Depth(s) Groundwater Encountered: 1) ft. 2) ft. 3) ft. or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: 20 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 80 ft. after hours pumping 800 gpm Well water was ft. after hours pumping gpm Estimated Yield: 800 gpm Bore Hole Diameter: 28 in. to ft. and in. to ft.	5 Latitude: 39.157594 (decimal degrees) Longitude: -97.766777 (decimal degrees) Horizontal Datum: <input type="checkbox"/> WGS 84 <input checked="" type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: <input type="checkbox"/> GPS (unit make/model:) (WAAS enabled? <input type="checkbox"/> Yes <input type="checkbox"/> No) <input type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper:
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7 WELL WATER TO BE USED AS:

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock	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 type="checkbox"/> Monitoring: well ID	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):
2. <input checked="" type="checkbox"/> Irrigation 3. <input type="checkbox"/> Feedlot 4. <input type="checkbox"/> Industrial	9. Environmental Remediation: well ID <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	

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 **16** in. to **52** ft., Diameter in. to ft., Diameter in. to ft.
Casing height above land surface in. Weight **19.328** lbs./ft. Wall thickness or gauge No. **6.16**

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 **52** ft. to **152** ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From **35** ft. to **152** ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout Intervals: From **5** ft. to **25** ft., From ft. to 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)

Direction from well? Distance from well? ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	5	TOP SOIL	151	152	BEDROCK
5	34	CLAY			
34	52	SANDY GRAVEL			
52	129	SANDSTONE AND PYRITE			
129	135	SANDSTONE			
135	137	PYRITE AND SANDSTONE			
137	140	SANDSTONE			
140	147	PYRITE AND SANDSTONE			
147	151	CLAY AND SOME PYRITE			

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) **11-15-2015** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **480** This Water Well Record was completed on (mo-day-year) **4/26/2016** under the business name of **WILLIAMS DRILLING CO., INC.** Signature *For Williams*