

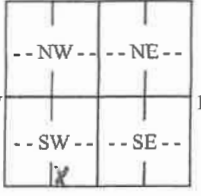
# WATER WELL RECORD Form WWC-5

☒ Original Record ☐ Correction ☐ Change in Well Use

Division of Water  
Resources App. No.

Well ID

<b>1 LOCATION OF WATER WELL:</b> County: Ellsworth		Fraction ¼ SW ¼ SE ¼ SW ¼	Section Number 16	Township Number T 15 S	Range Number R 8 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
<b>2 WELL OWNER:</b> Last Name: Joiner First: Justin Business: % Joiner Brothers Property Group Address: P.O. Box 238 City: Ellinwood State: KS ZIP: 67439			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 checked="" type="checkbox"/> 1509 Odonnell, Ellsworth, KS		

<b>3 LOCATE WELL WITH "X" IN SECTION BOX:</b> N  S 1 mile	<b>4 DEPTH OF COMPLETED WELL:</b> ..... 180 ..... ft. Depth(s) Groundwater Encountered: 1) ..... ft. 2) ..... ft. 3) ..... ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: ..... 44 ..... ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) ..... 9-17-19 <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: ..... 10 ..... in. to ..... 180 ..... ft. and ..... in. to ..... ft.	<b>5 Latitude:</b> ..... 38.74146 ..... (decimal degrees) <b>Longitude:</b> ..... 98.22025 ..... (decimal degrees) <b>Horizontal Datum:</b> <input type="checkbox"/> WGS 84 <input checked="" type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 <b>Source for Latitude/Longitude:</b> <input checked="" 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: .....
	<b>6 Elevation:</b> ..... ft. <input type="checkbox"/> Ground Level <input type="checkbox"/> TOC <b>Source:</b> <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 checked="" 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
2. <input 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	13. <input type="checkbox"/> Other (specify): .....

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 ..... 5 ..... in. to ..... 180 ..... ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.  
 Casing height above land surface ..... 18 ..... in. Weight SDR-26 lbs./ft. Wall thickness or gauge No. ....

**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 ..... 170 ..... ft. to ..... 90 ..... ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
**GRAVEL PACK INTERVALS:** From ..... 180 ..... ft. to ..... 20 ..... ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

**9 GROUT MATERIAL:** ☐ Neat cement ☐ Cement grout ☒ Bentonite ☐ Other .....  
 Grout Intervals: From ..... ft. to ..... ft., From ..... 20 ..... ft. to ..... 0 ..... 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) ... House .....  
 Direction from well? ... North ..... Distance from well? ... 30ft ..... ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	4	Top soil	125	145	Gray clay w/ sandstone streaks
4	15	Tan clay	145	158	Limstone & pyrite
15	47	Sand & gravel w/ clay	158	165	Gray clay w/ sandstone & pyrite
47	59	White clay w/ rock	165	180	Gray shale
59	70	Gray clay			
70	98	Fire clay			
98	110	White clay & sandstone	Notes: BUREAU OF WATER		
110	120	Gray clay			
120	125	Sandstone & pyrite w/ coal			

**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) ... 9-17-19 ..... and this record is true to the best of my knowledge and belief.  
 Kansas Water Well Contractor's License No. ... 134 ..... This Water Well Record was completed on (mo-day-year) ... 10-3-19 .....  
 under the business name of ... Rosencrantz-Bemis Ent Inc ..... Signature ... *[Signature]* ...