

WATER WELL RECORD Form WWC-5

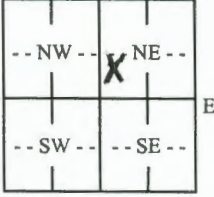
Division of Water Resources App. No.

Well ID MW-7

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: <u>Saline</u>	Fraction <u>SW</u> $\frac{1}{4}$ <u>NW</u> $\frac{1}{4}$ <u>SW</u> $\frac{1}{4}$ <u>NE</u> $\frac{1}{4}$	Section Number <u>35</u>	Township Number <u>T 13 S</u>	Range Number <u>R 2</u> <input type="checkbox"/> E <input checked="" type="checkbox"/> W
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2 WELL OWNER: Last Name: <u>Koch Remediation & Environmental Services</u> Business: <u>Koch Remediation & Environmental Services</u> Address: <u>4111 East 37th Street North</u> Address: City: <u>Wichita</u> State: <u>KS</u> ZIP: <u>67220</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>~280 feet NE of N. Weaver Rd. and 1st St. New Cambria KS</u>
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3 LOCATE WELL WITH "X" IN SECTION BOX: N  W E S -----1 mile-----	4 DEPTH OF COMPLETED WELL: <u>35</u> ft. Depth(s) Groundwater Encountered: 1) 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>8.5</u> in. to <u>35</u> ft. and in. to ft.	5 Latitude: <u>38.87930</u> (decimal degrees) Longitude: <u>-97.51026</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 etrek</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:
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	5. <input type="checkbox"/> Public Water Supply: well ID	10. <input type="checkbox"/> Oil Field Water Supply: lease
2. <input type="checkbox"/> Irrigation	6. <input type="checkbox"/> Dewatering: how many wells?	11. Test Hole: well ID
3. <input type="checkbox"/> Feedlot	7. <input type="checkbox"/> Aquifer Recharge: well ID	<input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical
4. <input type="checkbox"/> Industrial	8. <input checked="" type="checkbox"/> Monitoring: well ID <u>MW-7</u>	12. Geothermal: how many bores?
	9. Environmental Remediation: well ID	a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical
	<input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction	b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water
	<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 2 in. to 20 ft., Diameter in. to ft., Diameter in. to ft.
Casing height above land surface 6 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 20 ft. to 35 ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 18 ft. to 35 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout Intervals: From 2 ft. to 18 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? Southeast Distance from well? ~200 feet ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	30	Silty Clay			
30	35	Sand			
Notes:					

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) 2/14/2019 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) 2/28/2019 under the business name of Below Ground Surface, Inc. Signature [Signature]

MAR 28 2019

RECEIVED



Kennedy/Jenks Consultants
 Koch Remediation and Environmental Services, LLC
 Former Koch Agriculture Company Facility
 New Cambria, KS

Proposed IRM Activities

Scale: Feet
 0 40 80

1849401.10
 Figure 8

NOTES

1. All locations are approximate.
2. Monitoring wells MW-1, MW-2, and MW-6 will be used as injection wells.
3. The extent of groundwater and soil impacts is estimated and should be considered approximate.

Legend	
	Estimated Extent of GW Impacts In Source Area
	Estimated Extent of Soil Impacts (0-2 ft bgs)
	Estimated Extent of Soil Impacts (2-24 ft bgs)
	Former Anhydrous Ammonia Tank
	Former Underground Liquid Fertilizer Pipeline
	Former Liquid Fertilizer Storage Tanks
	Former Liquid Fertilizer Loadout
	Proposed Injection Trench
	Proposed Injection Well
	Monitoring Well
	Proposed Monitoring Well
	Proposed GW Grab
	Former UST
	Former Storage Building
	Storage Shed
	Scale

GIS Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community