

WATER WELL RECORD Form WWC-5

Original Record Correction Change in Well Use

Division of Water Resources App. No.

[]

Well ID

MW-1

1 LOCATION OF WATER WELL: County: Nemaha Fraction NE 1/4 NW 1/4 NW 1/4 SE 1/4 Section Number 34 Township Number T 2 S Range Number R 12 E W

2 WELL OWNER: Last Name: Seneca Coop Business: Seneca Coop Address: 304 Main Street City: Seneca State: KS ZIP: 66538 Street or Rural Address where well is located: 304 Main Street Seneca, KS 66538

3 LOCATE WELL WITH 'X' IN SECTION BOX: [Diagram showing a 3x3 grid with 'X' in the center square]

4 DEPTH OF COMPLETED WELL: 35 ft. Depth(s) Groundwater Encountered: 1) 25.5 ft. 2) N/A ft. 3) N/A ft. or 4) Dry Well WELL'S STATIC WATER LEVEL: 29.41 ft. below land surface, measured on (mo-day-yr) 11-8-2018

5 Latitude: 39.83403 (decimal degrees) Longitude: -96.06010 (decimal degrees) Horizontal Datum: [] WGS 84 [X] NAD 83 [] NAD 27 Source for Latitude/Longitude: [] GPS (unit make/model:) (WAAS enabled? [] Yes [] No) [X] Land Survey [] Topographic Map [] Online Mapper:

6 Elevation: 1136.14 ft. [X] Ground Level [] TOC Source: [X] Land Survey [] GPS [] Topographic Map [] Other

7 WELL WATER TO BE USED AS: 1. Domestic: [] Household [] Lawn & Garden [] Livestock 2. Irrigation 3. Feedlot 4. Industrial 5. Public Water Supply: well ID 6. Dewatering: how many wells? 7. Aquifer Recharge: well ID 8. Monitoring: well ID MW-1 9. Environmental Remediation: well ID [] Air Sparge [] Soil Vapor Extraction [] Recovery [] Injection 10. Oil Field Water Supply: lease 11. Test Hole: well ID [] Cased [] Uncased [] Geotechnical 12. Geothermal: how many bores? a) Closed Loop [] Horizontal [] Vertical b) Open Loop [] Surface Discharge [] Inj. of Water 13. Other (specify):

Was a chemical/bacteriological sample submitted to KDHE? [] Yes [X] No If yes, date sample was submitted: Water well disinfected? [] Yes [X] No

8 TYPE OF CASING USED: [] Steel [X] PVC [] Other CASING JOINTS: [] Glued [] Clamped [] Welded [X] Threaded Casing diameter 2 in. to 20 ft., Diameter N/A in. to N/A ft., Diameter N/A in. to N/A ft. Casing height above land surface 0 in. Weight N/A lbs./ft. Wall thickness or gauge No. Sch. 40

TYPE OF SCREEN OR PERFORATION MATERIAL: [] Steel [] Stainless Steel [] Fiberglass [X] PVC [] Brass [] Galvanized Steel [] Concrete tile [] None used (open hole) [] Other (Specify)

SCREEN OR PERFORATION OPENINGS ARE: [] Continuous Slot [X] 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 N/A ft. to N/A ft., From N/A ft. to N/A ft. GRAVEL PACK INTERVALS: From 18 ft. to 35 ft., From N/A ft. to N/A ft., From N/A ft. to N/A ft.

9 GROUT MATERIAL: [] Neat cement [] Cement grout [X] Bentonite [X] Other Concrete 0 to 2 Grout Intervals: From 2 ft. to 18 ft., From N/A ft. to N/A ft., From N/A ft. to N/A ft.

Nearest source of possible contamination: [] Septic Tank [] Lateral Lines [] Pit Privy [] Livestock Pens [] Insecticide Storage [] Sewer Lines [] Cess Pool [] Sewage Lagoon [X] Fuel Storage [] Abandoned Water Well [] Watertight Sewer Lines [] Seepage Pit [] Feedyard [] Fertilizer Storage [] Oil Well/Gas Well [] Other (Specify)

Direction from well? Adjacent Distance from well? 0 ft.

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Row 1: (Attached)

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was [X] constructed, [] reconstructed, or [] plugged under my jurisdiction and was completed on (mo-day-year) 10/29/2018 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 759 This Water Well Record was completed on (mo-day-year) 11/19/2018 under the business name of RAZEK Environmental, LLC Signature [Signature]

Mail 1 white copy along with a fee of \$5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau of Water, GWTS Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524. Visit us at http://www.kdheks.gov/waterwell/index.html KSA 82a-1212 Revised 7/10/2015

Project Name/Project Number: Seneca Coop / B1709587.03		Log of Boring No. <i>same well</i>	
Boring Location Notes: <i>tank pit</i>		Surface Elevation: <i>~ 1136</i>	Total Depth: <i>35'</i>
Drilling Contractor/Drilling Method: Razek <i>Rotary HSA</i>		Date/Time Started: <i>10/29/18 1520</i>	Date/Time finished: <i>1631</i>
Sampling Equipment (i.e., Macro-Core, split spoon): <i>dual core</i>		Depth to Water: <i>25.5'</i>	Measuring Point: <i>ground surface</i>
Field Personnel: <i>DA</i>	Responsible Prof./Reg. No.:	Surface Cover (asphalt, concrete etc.): <i>concrete</i>	

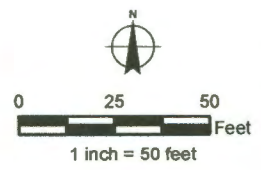
Depth (Feet)	Sample Recovery	PID (ppm)	DESCRIPTION	Analytical Sample Interval	Remarks (odors, blow counts, debris, analytical sample IDs, temp well details etc.)
			Name (USCS Symbol), color, moist, grain size, amount of gravel, sand, or fines, plasticity, consistency, structure, inclusions or debris present, geologic interpretation (fill, native, till, lacustrine etc.)		
0-1			<i>concrete</i>		<i>Depth PID</i>
1-19			<i>fill fine sand, partly graded moist</i>	<i>(1444)</i>	<i>19-20 5748</i>
19-25.5			<i>sand moist, partly graded petro odor</i>	<i>(1455)</i>	<i>24-25 9875</i>
			<i>saturated @ 25.5</i>		
			<i>TO - 35'</i>		
			<i>Sand to 18'</i>		

RECEIVED
DEC 14 2018
BUREAU OF WATER



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DEC 14 2018
BUREAU OF WATER

- Soil Boring for Environmental
- Soil Boring for Geotechnical
- Monitoring Well
- Former Pump Islands
- Former Tank Basin
- Approximate Site Boundary
- Nemaha County Parcels
- Structure has a Basement
- Property Owner**
- Business Name**
- Gas
- Overhead Electric
- Sewer
- Water
- Estimated Direction of Groundwater Flow



**BRAUN
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The Science You Build On.

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Project No:
B1709587.03

Drawing No:
B1709587-03_AFig2.0

Drawn By: CMF
Date Drawn: 10/4/2018
Checked By: DR
Last Modified: 10/4/2018

Seneca Coop, Project Code: U4-066-00496

304 Main Street Seneca, Kansas

Project Code: U4-066-00496

Area Base Map

Figure 2.0