

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

Well ID **MW-4**

Original Record Correction Change in Well Use

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

2 WELL OWNER: Last Name: Seneca Coop 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:
 Address: 304 Main Street
 City: Seneca State: KS ZIP: 66538
304 Main Street
Seneca, KS 66538

3 LOCATE WELL WITH "X" IN SECTION BOX:
 N

 S
 ----- 1 mile -----

4 DEPTH OF COMPLETED WELL: 35 ft.
 Depth(s) Groundwater Encountered: 1) 26 ft.
 2) N/A ft. 3) N/A ft., or 4) Dry Well
 WELL'S STATIC WATER LEVEL: 26.58 ft.
 below land surface, measured on (mo-day-yr) 11-8-2018
 above land surface, measured on (mo-day-yr)
 Pump test data: Well water was N/A ft.
 after N/A hours pumping N/A gpm
 Well water was N/A ft.
 after N/A hours pumping N/A gpm
 Estimated Yield: N/A gpm
 Bore Hole Diameter: 8.25 in. to 35 ft. and
 N/A in. to N/A ft.

5 Latitude: 39.8367 (decimal degrees)
Longitude: -96.06018 (decimal degrees)
 Horizontal Datum: WGS 84 NAD 83 NAD 27
 Source for Latitude/Longitude:
 GPS (unit make/model:)
 (WAAS enabled? Yes No)
 Land Survey Topographic Map
 Online Mapper:
6 Elevation: 1135.63 ft. Ground Level TOC
 Source: Land Survey GPS Topographic Map
 Other

7 WELL WATER TO BE USED AS:

1. Domestic:	5. <input type="checkbox"/> Public Water Supply: well ID	10. <input type="checkbox"/> Oil Field Water Supply: lease
<input type="checkbox"/> Household	6. <input type="checkbox"/> Dewatering: how many wells?	11. Test Hole: well ID
<input type="checkbox"/> Lawn & Garden	7. <input type="checkbox"/> Aquifer Recharge: well ID	<input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical
<input type="checkbox"/> Livestock	8. <input checked="" type="checkbox"/> Monitoring: well ID <u>MW-4</u>	12. Geothermal: how many bores?
2. <input type="checkbox"/> Irrigation	9. Environmental Remediation: well ID	a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical
3. <input type="checkbox"/> Feedlot	<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
4. <input type="checkbox"/> Industrial	<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 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 PVC Other (Specify)

SCREEN OR PERFORATION OPENINGS ARE:
 Continuous Slot Mill Slot Gauze Wrapped Torch Cut Drilled Holes Other (Specify)

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 Bentonite 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 Fuel Storage Abandoned Water Well
 Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well/Gas Well
 Other (Specify)

Direction from well? Northeast Distance from well? 200 ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
		(Attached)			

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) 10/30/2018 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.

Nemaha

NW NW NW SE

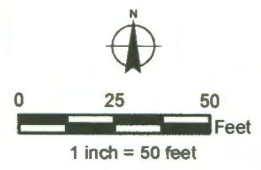
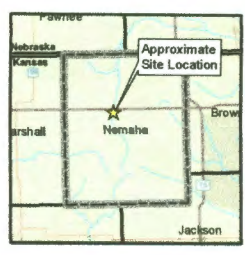
34-2-12

Project Name/Project Number: Seneca Coop / B1709587.03		Log of Boring No. NW-4	
Boring Location Notes: South of Alley		Surface Elevation: ~ 1135	Total Depth: 35'
Drilling Contractor/Drilling Method: Razek / Rotary HSA		Date/Time Started: 10/30/16 1558-	Date/Time finished: 1653
Sampling Equipment (i.e., Macro-Core, split spoon):		Depth to Water: ~ 28'	Measuring Point: ground surface
Field Personnel: DR	Responsible Prof./Reg. No.:	Surface Cover (asphalt, concrete etc.) gravel	

Depth (Feet)	Sample Recovery	PID (ppm)	DESCRIPTION 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.)	Analytical Sample Interval	Remarks (odors, blow counts, debris, analytical sample IDs, temp well details etc.)
0-0.5			rock, concrete, asphalt, rubble		4-5 0.0
0.5-3			dark brown clay, with silt, low plasticity, ^{slightly} moist		9-10 0.2
3-7			brown clay, moist slightly moist, plastic, firm		14-15 0.2
7-13			red brown clay, soft, moist		19-20 0.2
13-14			plastic Brown clay w/ silt, moist soft, low plasticity		24-25 0.1
14-26			Sand, brown very moist fine to med grain, well graded Sub rounded		29-30 0.2
26-35			Sandy clay, brown, very moist, soft Saturated @ 28'		Final petro odor observed when constructing well



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



BRAUN INTERTEC
The Science You Build On.

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Topeka, KS 66609
785.414.7180
braunintertec.com

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