WATER WELL RECORD Form WWC-5

■ Original Record ☐ Correction ☐ Change in Well Use

Division of Water Resources App. No. ______ Well ID: MW-10

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: Nemaha	NE ¼ NW ¼ NW ¼ SE ¼	34	T 2 S	R 12 ■E ☐W

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

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: ■
304 Main Street
Seneca, KS 66538

3 LOCATE WELL WITH "X" IN SECTION BOX: N / W / E / S; NW, NE, SW, SE; X marked in SE quarter (upper left); |——1 mile——|

4 DEPTH OF COMPLETED WELL: 35 ft.
Depth(s) Groundwater Encountered: 1) .... ft. 2) N/A ft. 3) N/A ft., or 4) ☐ Dry Well
WELL'S STATIC WATER LEVEL: .... ft.
■ below land surface, measured on (mo-day-yr)........
☐ 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: 39.83348 (decimal degrees)
Longitude: -96.05968 (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: Google Earth

6 Elevation: 1136 ft. ■ Ground Level ☐ TOC
Source: ☐ Land Survey ☐ GPS ☐ Topographic Map
■ Other Google Earth

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-10
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 ■ 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) ....
☐ 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 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 Gravel 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? Northwest Distance from well? 247 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) 6/10/2019 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) 6/30/2019 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.

BRAUN[SM]
INTERTEC

LOG OF BORING

Braun Project B1709587.03
KDHE Project Code: U4-066-00496
Seneca Coop
304 Main Street
Seneca, Kansas

BORING: **MW-10**

LOCATION: Lat: 39.83348 Long: 96.05968
GEOLOGIST: David Ross
Wells constructed of 2" PVC inside of an 8.25" drilled borehole

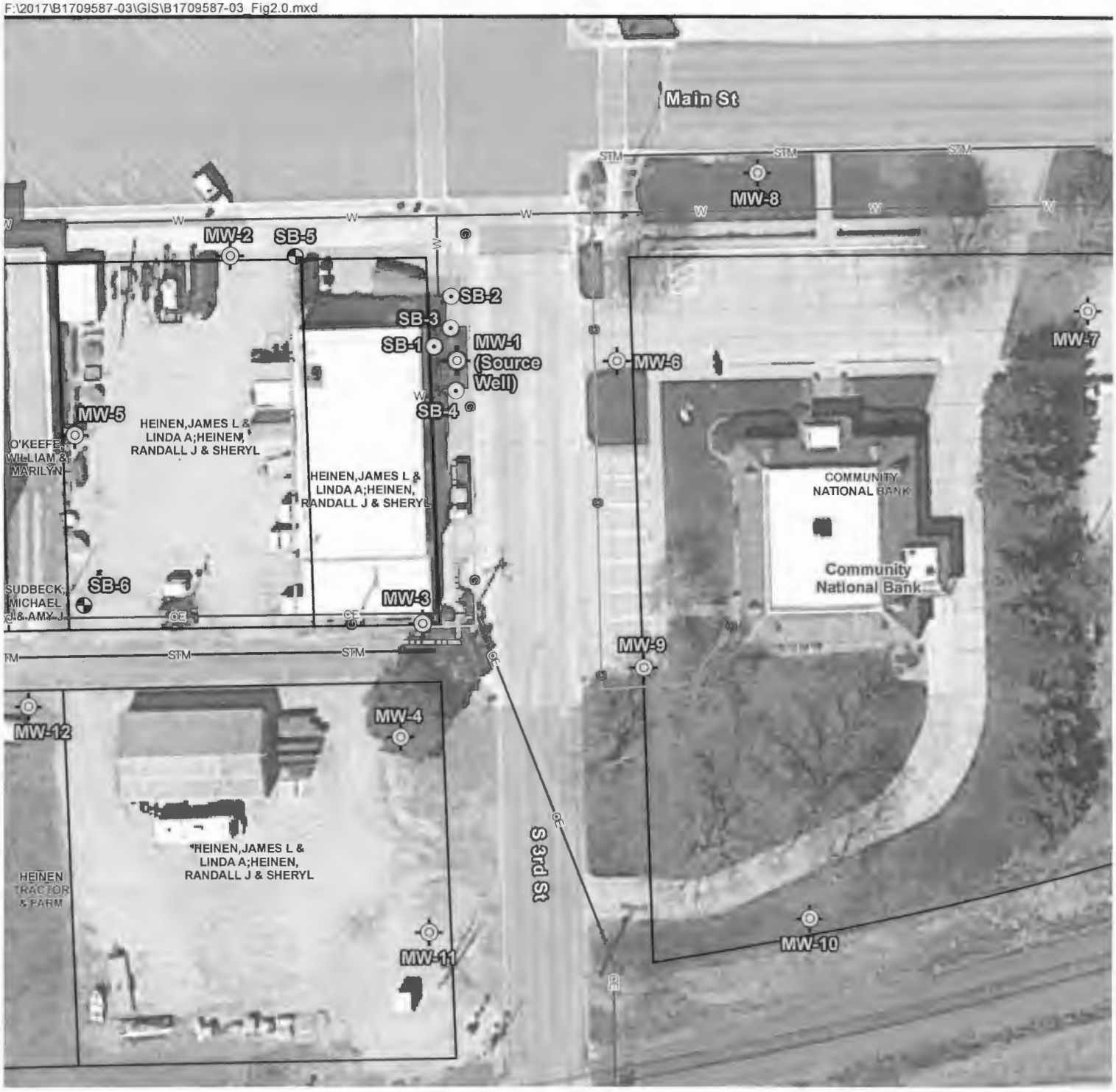
DRILLER: Tony Poulter | METHOD: Hollow Stem Auger | DATE: **6/10/19** | SCALE: **1" = 5'**

Elev. feet	Depth feet	ASTM Symbol	Description of Materials (ASTM D2488 or D2487)	BPF	WL	PID ppm	Well	Tests or Notes
1132.8	0.0							
1131.8	1.0	TS	Topsoil, dark brown, silty loam					Field Screening performed with a MiniRAE 3000 VOC Monitor
		CH	CLAY (CH), brown, plastic, moist, soft			0.0		
1126.8	6.0							
		CH	CLAY (CH), red brown, plastic, moist, soft			0.0		
1119.8	13.0							
		CL-ML	CLAY with SITL(CH-ML), brown, very moist, soft, low plasticity			0.0		
1113.8	19.0							
		SW	SAND (SW), brown, fine to medium grain, very moist, well sorted, sub rounded			0.0		
					▼			
					▽	0.0		SWL = 24.09' BGS
1106.8	26.0		@ 25' saturated					Saturated @ 25'
		SC-SM	CLAYEY SAND (SC-SM), brown soft, saturated					
1097.8	35.0							
			End of boring Well head completed with a 2' x 2' concrete pad and 8" steel well vault Top of Case Elevation - 1132.79' amsl Rim Elevation - 1133.10' amsl					

(See Descriptive Terminology sheet for explanation of abbreviations)

LOG OF BORING N:\GINT\PROJECTS\KANSAS CITY\2018\B1709587.03_SENECACOOP.GPJ BRAUN_V8_CURRENT.GDT 7/17/19 15:08

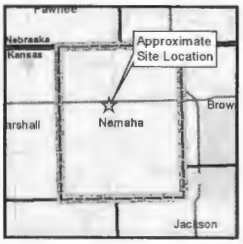
F:\2017\B1709587-03\GIS\B1709587-03_Fig2.0.mxd

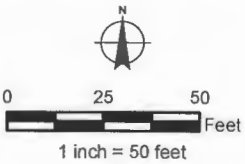


Soil Boring for Environmental
Soil Boring for Geotechnical
Monitoring Well
Former Pump Islands
Former Tank Basin
Approximate Site Boundary

Extent of Known Utilities
Communication
Gas
OE — Overhead Electric
STM — Sewer
W — Water

Nemaha County Parcels
Structure has a Basement
Property Owner
Business Name





BRAUN INTERTEC
The Science You Build On.
1607 SW 41st
Topeka, KS 66609
785.414.7180
braunintertec.com

Project No: B1709587.03

Drawing No: B1709587-03_Fig2.0

Drawn By:	CMF
Date Drawn:	10/4/2018
Checked By:	DR
Last Modified:	7/16/2019

Seneca Coop

KDHE Project Code # U4-066-00496

304 Main Street, Seneca, Kansas

Area Base Map

Figure 2.0