WATER WELL RECORD Form WWC-5

Division of Water Resources App. No. | Well ID: IW-20

☑ Original Record ☐ Correction ☐ Change in Well Use

1 LOCATION OF WATER WELL: County: Sedgwick | Fraction: SW ¼ NE ¼ SW ¼ SW ¼ | Section Number: 27 | Township Number: T 26 S | Range Number: R 1 ☑ E ☐ W

2 WELL OWNER: Last Name: First:
Business: USD 259 School Services Center
Address: 3850 N. Hydraulic St.
Address:
City: Wichita State: KS ZIP: 67219

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: ☑

3 LOCATE WELL WITH "X" IN SECTION BOX:

N / W / E / S; NW, NE, SW (X), SE; |---------1 mile---------|

4 DEPTH OF COMPLETED WELL: 29 ft.
Depth(s) Groundwater Encountered: 1) 23.7 ft. 2) ..... ft. 3) ..... ft., or 4) ☐ Dry Well
WELL'S STATIC WATER LEVEL: 16.87 ft.
☑ below land surface, measured on (mo-day-yr) 02/16/2016
☐ 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: 3.6 in. to 29 ft. and ..... in. to ..... ft.

5 Latitude: 37.754844 (decimal degrees)
Longitude: 97.315094 (decimal degrees)
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: 1328.61 ft. ☐ Ground Level ☑ TOC
Source: ☑ 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 .....
9. Environmental Remediation: well ID IW-20 ☐ 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 1.5 in. to 19 ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.
Casing height above land surface 0 in. Weight ..... lbs./ft. Wall thickness or gauge No. 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 19 ft. to 29 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From 15.8 ft. to 29 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

9 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☑ Bentonite ☑ Other Bentonite Cement (1-13.5')
Grout Intervals: From 1 ft. to 13.5 ft., From 13.5 ft. to 15.8 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? ..... Distance from well? ..... ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	0.5	Concrete slab			
0.5	26.1	Lean Clay, dk brn to lt brn, w/ grvl & snd b			
26.1	26.7	Sand, rd brn, priy grd, med to crs			
26.7	27.6	Silt & Wthrd Siltstone, lt gry			
27.6	28	Siltstone, dk gry to blk			
			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) 01/28/2016 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 531 This Water Well Record was completed on (mo-day-year) 03/18/2016 under the business name of GSI Engineering, LLC

Send one copy to WATER WELL OWNER and retain one for your records. Fee of $5.00 for each constructed well.
KS Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-3565.
Visit us at http://www.kdheks.gov/waterwell/index.html KSA 82a-1212

Legend

- Well Location
- Permeable Reactive Barrier (PRB)

Notes:

1. Site features, property boundaries and well locations are approximate and are not of legal land survey.
2. Basemap source: Golder Associates, drawing titled: "Potentiometric Surface Elevation Map April 2013", dated August, 26, 2013, Figure Number 1, File No. 12384321, Revision 1 (Draft) and modified by Geosyntec in December 2014.
3. Imagery source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community.
4. Coordinate system is NAD83, KS South, State Plane Zone 1502, US Survey Foot format

Location	Easting	Northing
IW-12	1654956.71	1710758.11
IW-13	1654939.73	1710760.41
IW-14	1654927.02	1710760.08
IW-15	1654923.79	1710742.45
IW-16	1654904.99	1710740.19
IW-17	1654875.60	1710700.21
IW-18	1654883.78	1710720.26
IW-19	1654864.15	1710720.65
IW-20	1654883.46	1710739.54
IW-21	1654885.60	1710759.52
IW-22	1654906.96	1710759.64
IW-23	1654902.25	1710779.25
IW-24	1654921.84	1710779.29
IW-25	1654941.56	1710781.08
IW-26	1654961.82	1710778.26
MW-28	1654846.54	1710677.86
MW-29	1654564.13	1710579.36
MW-30	1654564.26	1710541.52
MW-31	1654564.64	1710500.84
MW-32	1654565.31	1710451.32
MW-33	1654769.45	1710692.46
MW-34	1654723.11	1710550.71
MW-35	1654932.63	1710755.43

150 75 0 150 Feet

Well Installation Locations

USD 259 School Service Center, Wichita, Kansas

Geosyntec consultants

Guelph | April 2016

Figure 1

Path: \\guelph-01\data\PRJ\Proje cts\GE0146 – USD259 Wichita\Wichita Database\GIS Wichita Public\Schools\ Well Installation Locations2016.mxd