

WATER WELL RECORD Form WWC-5

Division of Water
Resources App. No.

IW-26

☒ Original Record ☐ Correction ☐ Change in Well Use

Well ID

1 LOCATION OF WATER WELL: County: <u>Sedgwick</u>	Fraction SW ¼ NE ¼ SW ¼ SE ¼	Section Number <u>27</u>	Township Number T <u>26</u> S	Range Number R <u>1</u> E ☒ W
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2 WELL OWNER: Last Name: _____ First: _____ Business: <u>USD 259 School Services Center</u> Address: <u>3850 N. Hydraulic St.</u> City: <u>Wichita</u> State: <u>KS</u> ZIP: <u>67219</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: ☒
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3 LOCATE WELL WITH "X" IN SECTION BOX: 	4 DEPTH OF COMPLETED WELL: <u>27.2</u> ft. Depth(s) Groundwater Encountered: 1) <u>22</u> ft. 2) _____ ft. 3) _____ ft., or 4) ☐ Dry Well WELL'S STATIC WATER LEVEL: <u>19.73</u> ft. ☒ below land surface, measured on (mo-day-yr) <u>01/29/2016</u> ☐ 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>3.6</u> in. to <u>28</u> ft. and _____ in. to _____ ft.	5 Latitude: <u>37.754950</u> (decimal degrees) Longitude: <u>97.314822</u> (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: <u>1332.12</u> 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 <u>IW-26</u> ☐ 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): _____
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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 17.2 ft., Diameter _____ in. to _____ ft., Diameter _____ in. to _____ ft.
 Casing height above land surface _____ 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 17.2 ft. to 27.2 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 15.3 ft. to 27.2 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.

9 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☒ Bentonite ☒ Other Bentonite Cement (1-13.3')
 Grout Intervals: From 1 ft. to 13.3 ft., From 13.3 ft. to 15.3 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	1.5	Fill, fn sand and silt			
1.5	7.1	Lean Clay, rd brn to dk brn, w/ sndy clay			
7.1	8	No Recovery			
8	20.2	Lean Clay, dk brn to med brn			
20.2	22.6	Silt, vllw/gm brn, w/ clay			
22.6	26.8	Silt and Wthrd Siltstone, gm gry to dk gry			
26.8	28	Siltstone, dk gry to blk			

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) 01/29/2016 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

Chal AB



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

150750150 Feet

Well Installation Locations

USD 259 School Service Center, Wichita, Kansas

Geosyntec[®]
consultants

GuelphApril 2016

Figure

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