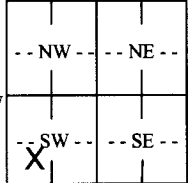


☒ Original Record ☐ Correction ☐ Change in Well Use

Well ID

IW-20

1 LOCATION OF WATER WELL: County: Sedgwick		Fraction SW ¼ NE ¼ SW ¼ NW ¼	Section Number 27	Township Number T 26 S	Range Number R 1 E																																																			
2 WELL OWNER: Last Name: Business: USD 259 School Services Center Address: 3850 N. Hydraulic St. 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 -----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: 1328.61ft. ☐ 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.																																																								
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>10 FROM</th> <th>TO</th> <th>LITHOLOGIC LOG</th> <th>FROM</th> <th>TO</th> <th>LITHO. LOG (cont.) or PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0.5</td> <td>Concrete slab</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.5</td> <td>26.1</td> <td>Lean Clay, dk brn to lt brn, w/ qrvl & snd b</td> <td></td> <td></td> <td></td> </tr> <tr> <td>26.1</td> <td>26.7</td> <td>Sand, rd brn, prly grd, med to crs</td> <td></td> <td></td> <td></td> </tr> <tr> <td>26.7</td> <td>27.6</td> <td>Silt & Wthrld Siltstone, lt gry</td> <td></td> <td></td> <td></td> </tr> <tr> <td>27.6</td> <td>28</td> <td>Siltstone, dk gry to blk</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="3"></td> <td colspan="3" rowspan="4">Notes:</td> </tr> <tr><td colspan="3"></td></tr> <tr><td colspan="3"></td></tr> <tr><td colspan="3"></td></tr> </tbody> </table>						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/ qrvl & snd b				26.1	26.7	Sand, rd brn, prly grd, med to crs				26.7	27.6	Silt & Wthrld Siltstone, lt gry				27.6	28	Siltstone, dk gry to blk							Notes:											
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/ qrvl & snd b																																																						
26.1	26.7	Sand, rd brn, prly grd, med to crs																																																						
26.7	27.6	Silt & Wthrld 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																																																								

Chol AB



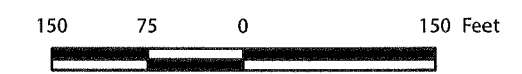
Legend

- Well Location
- Permeable Reactive Barrier (PRB)

Notes:

- Site features, property boundaries and well locations are approximate and are not of legal land survey.
- 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.
- Imagery source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community.
- 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



Well Installation Locations

USD 259 School Service Center, Wichita, Kansas

Geosyntec
consultants

Guelph April 2016