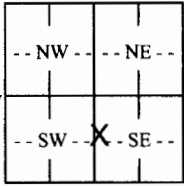


**WATER WELL RECORD Form WWC-5**☒ Original Record ☐ Correction ☐ Change in Well UseDivision of Water  
Resources App. No.

Well ID

MW-2

<b>1 LOCATION OF WATER WELL:</b> County: Ellsworth		Fraction SW ¼ NW ¼ SE ¼	Section Number 20	Township Number T 15 S	Range Number R 8 <input type="checkbox"/> E <input checked="" type="checkbox"/> W																																																						
<b>2 WELL OWNER:</b> Last Name: Business: The Ellsworth Coop Address: 100 N. Kansas City: Ellsworth State: KS ZIP: 67439		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: <input checked="" type="checkbox"/>																																																									
<b>3 LOCATE WELL WITH "X" IN SECTION BOX:</b> N  W E S (-----1 mile-----)	<b>4 DEPTH OF COMPLETED WELL:</b> 37 ft. Depth(s) Groundwater Encountered: 1) 29 ft. 2) _____ ft. 3) _____ ft. or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: 28.10 ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) 04/03/2017 <input type="checkbox"/> 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: 8.25 in. to 37 ft. and _____ in. to _____ ft.		<b>5 Latitude:</b> 38.729845 (decimal degrees) <b>Longitude:</b> 98.233812 (decimal degrees) Datum: <input type="checkbox"/> WGS 84 <input checked="" type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: <input type="checkbox"/> GPS (unit make/model: _____) (WAAS enabled? <input type="checkbox"/> Yes <input type="checkbox"/> No) <input checked="" type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper: _____																																																								
	<b>6 Elevation:</b> 1539.01 ft. <input checked="" type="checkbox"/> Ground Level <input type="checkbox"/> TOC Source: <input checked="" type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input type="checkbox"/> Other _____																																																										
<b>7 WELL WATER TO BE USED AS:</b> 1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock 2. <input type="checkbox"/> Irrigation 3. <input type="checkbox"/> Feedlot 4. <input type="checkbox"/> Industrial 5. <input type="checkbox"/> Public Water Supply: well ID _____ 6. <input type="checkbox"/> Dewatering: how many wells? _____ 7. <input type="checkbox"/> Aquifer Recharge: well ID _____ 8. <input checked="" type="checkbox"/> Monitoring: well ID MW-2 9. Environmental Remediation: well ID _____ <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection 10. <input type="checkbox"/> Oil Field Water Supply: lease _____ 11. Test Hole: well ID _____ <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical 12. Geothermal: how many bores? _____ a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water 13. <input type="checkbox"/> Other (specify): _____																																																											
Was a chemical/bacteriological sample submitted to KDHE? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, date sample was submitted: _____ Water well disinfected? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																																																											
<b>8 TYPE OF CASING USED:</b> <input type="checkbox"/> Steel <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Other _____ CASING JOINTS: <input type="checkbox"/> Glued <input type="checkbox"/> Clamped <input type="checkbox"/> Welded <input checked="" type="checkbox"/> Threaded Casing diameter 2 in. to 22 ft., Diameter _____ in. to _____ ft., Diameter _____ in. to _____ ft. Casing height above land surface 21 in. Weight _____ lbs./ft. Wall thickness or gauge No. 40 <b>TYPE OF SCREEN OR PERFORATION MATERIAL:</b> <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Fiberglass <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Other (Specify) _____ <input type="checkbox"/> Brass <input type="checkbox"/> Galvanized Steel <input type="checkbox"/> Concrete tile <input type="checkbox"/> None used (open hole) <b>SCREEN OR PERFORATION OPENINGS ARE:</b> <input type="checkbox"/> Continuous Slot <input checked="" type="checkbox"/> Mill Slot <input type="checkbox"/> Gauze Wrapped <input type="checkbox"/> Torch Cut <input type="checkbox"/> Drilled Holes <input type="checkbox"/> Other (Specify) _____ <input type="checkbox"/> Louvered Shutter <input type="checkbox"/> Key Punched <input type="checkbox"/> Wire Wrapped <input type="checkbox"/> Saw Cut <input type="checkbox"/> None (Open Hole) <b>SCREEN-PERFORATED INTERVALS:</b> From 22 ft. to 37 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft. <b>GRAVEL PACK INTERVALS:</b> From 20 ft. to 37 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.																																																											
<b>9 GROUT MATERIAL:</b> <input type="checkbox"/> Neat cement <input type="checkbox"/> Cement grout <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Other _____ Grout Intervals: From 1 ft. to 20 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft. <b>Nearest source of possible contamination:</b> <input type="checkbox"/> Septic Tank <input type="checkbox"/> Lateral Lines <input type="checkbox"/> Pit Privy <input type="checkbox"/> Livestock Pens <input type="checkbox"/> Insecticide Storage <input type="checkbox"/> Sewer Lines <input type="checkbox"/> Cess Pool <input type="checkbox"/> Sewage Lagoon <input type="checkbox"/> Fuel Storage <input type="checkbox"/> Abandoned Water Well <input type="checkbox"/> Watertight Sewer Lines <input type="checkbox"/> Seepage Pit <input type="checkbox"/> Feedyard <input checked="" type="checkbox"/> Fertilizer Storage <input type="checkbox"/> Oil Well/Gas Well <input type="checkbox"/> Other (Specify) _____ Direction from well? Northwest Distance from well? 220 ft.																																																											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:10%;">10 FROM</th> <th style="width:10%;">TO</th> <th style="width:40%;">LITHOLOGIC LOG</th> <th style="width:10%;">FROM</th> <th style="width:10%;">TO</th> <th style="width:20%;">LITHO. LOG (cont.) or PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>1</td> <td>Gravel and Fill</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1</td> <td>10</td> <td>Clay, dk brn to brn, silty</td> <td></td> <td></td> <td></td> </tr> <tr> <td>10</td> <td>15</td> <td>Silty Sand, lt brn, vf, some cly</td> <td></td> <td></td> <td></td> </tr> <tr> <td>15</td> <td>20</td> <td>Silty Clay, brn, some f snd</td> <td></td> <td></td> <td></td> </tr> <tr> <td>20</td> <td>25</td> <td>Sand, f, well strtd, silty</td> <td></td> <td></td> <td></td> </tr> <tr> <td>25</td> <td>30</td> <td>Clay, blk, silty, some snd</td> <td></td> <td></td> <td></td> </tr> <tr> <td>30</td> <td>37</td> <td>Sand, rd brn, f, well strtd</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="3"></td> <td colspan="3" style="height: 40px; vertical-align: top;">Notes:</td> </tr> </tbody> </table>						10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS	0	1	Gravel and Fill				1	10	Clay, dk brn to brn, silty				10	15	Silty Sand, lt brn, vf, some cly				15	20	Silty Clay, brn, some f snd				20	25	Sand, f, well strtd, silty				25	30	Clay, blk, silty, some snd				30	37	Sand, rd brn, f, well strtd							Notes:		
10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS																																																						
0	1	Gravel and Fill																																																									
1	10	Clay, dk brn to brn, silty																																																									
10	15	Silty Sand, lt brn, vf, some cly																																																									
15	20	Silty Clay, brn, some f snd																																																									
20	25	Sand, f, well strtd, silty																																																									
25	30	Clay, blk, silty, some snd																																																									
30	37	Sand, rd brn, f, well strtd																																																									
			Notes:																																																								
<b>11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:</b> This water well was <input checked="" type="checkbox"/> constructed, <input type="checkbox"/> reconstructed, or <input type="checkbox"/> plugged under my jurisdiction and was completed on (mo-day-year) 04/03/2017 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) 05/04/2017 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 <a href="http://www.kdheks.gov/waterwell/index.html">http://www.kdheks.gov/waterwell/index.html</a>																																																											

COPY

RECEIVED

KSA 82a-1212

MAY 05 2017

KS GEO SURV









**Figure 1**  
**Well Locations**

**The Ellsworth COOP**  
**100 N Kansas**  
**Ellsworth, KS 67439**

**Legend**

-  Well Locations
-  Leased Property Boundary
-  Truck Load-out
-  Unloading Area



1011 N. Main Street  
Hutchinson, KS 67501  
316-260-2460