

WATER WELL RECORD Form WWC-5

☒ Original Record ☐ Correction ☐ Change in Well Use

Division of Water
Resources App. No.

Well ID

AS-4

| 1 LOCATION OF WATER WELL: County: Reno | | Fraction SW ¼ NW ¼ SW ¼ SE ¼ | | Section Number 18 | | Township Number T 26 S | | Range Number R 6 <input type="checkbox"/> E <input checked="" type="checkbox"/> W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----|---|------|--|--|--|--|--|--|---------|----|----------------|------|----|--|---|-----|--|--|--|--|-----|---|-------------------------------|--|--|--|---|----|---------------------------------------|--|--|--|----|----|----------------------------------|--|--|--|----|----|--------------------------------------|--|--|--|----|----|-------------------------------|--|--|--|----|----|-----------------------|--|--|--|----|----|--------------------------------------|--|--|--|
| 2 WELL OWNER: Last Name: Collingwood Grain, Inc. Business: Collingwood Grain, Inc. Address: 204 E Booth Address: City: Pretty Prairie State: KS ZIP: 67570 | | | | 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"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 LOCATE WELL WITH "X" IN SECTION BOX: N <div style="border: 1px solid black; width: 100px; height: 100px; margin: 10px auto; position: relative;"> <div style="position: absolute; top: 0; left: 0;">NW</div> <div style="position: absolute; top: 0; right: 0;">NE</div> <div style="position: absolute; bottom: 0; left: 0;">SW</div> <div style="position: absolute; bottom: 0; right: 0;">SE</div> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 2em;">X</div> </div> W E S 1 mile | | 4 DEPTH OF COMPLETED WELL: 45 ft. Depth(s) Groundwater Encountered: 1) 30 ft. 2) _____ ft. 3) _____ ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: _____ ft. <input type="checkbox"/> below land surface, measured on (mo-day-yr) _____ <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 in. to 45 ft. and _____ in. to _____ ft. | | | | 5 Latitude: 37.779497 (decimal degrees) Longitude: -98.018833 (decimal degrees) Horizontal 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: Geomax Zenith 25) (WAAS enabled? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No) <input type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper: _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 Elevation: 1571.24 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 _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 WELL WATER TO BE USED AS: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> 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 </div> <div style="width: 50%;"> 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 type="checkbox"/> Monitoring: well ID _____ 9. Environmental Remediation: well ID AS-4 <input checked="" type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection </div> <div style="width: 50%;"> 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): _____ </div> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 TYPE OF CASING USED: <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 43 ft., Diameter _____ in. to _____ ft., Diameter _____ in. to _____ ft. Casing height above land surface -0.46 in. Weight _____ lbs./ft. Wall thickness or gauge No. Sch. 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYPE OF SCREEN OR PERFORATION MATERIAL: <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) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN OR PERFORATION OPENINGS ARE: <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) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN-PERFORATED INTERVALS: From 43 ft. to 45 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GRAVEL PACK INTERVALS: From 41 ft. to 45 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 GROUT MATERIAL: <input type="checkbox"/> Neat cement <input type="checkbox"/> Cement grout <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Other _____ Grout Intervals: From 3.5 ft. to 41 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nearest source of possible contamination: <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 type="checkbox"/> Fertilizer Storage <input type="checkbox"/> Oil Well/Gas Well <input checked="" type="checkbox"/> Other (Specify) Contaminated site _____ Direction from well? _____ Distance from well? _____ 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>2.5</td> <td>Clay, sandy, tr. road gravel, Dark Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.5</td> <td>4</td> <td>Clay, sandy, silty, Red Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>10</td> <td>Sand, vf-m, Red Brown to Yellow Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>10</td> <td>14</td> <td>Sand, vf-m w/tr. c, Yellow Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>14</td> <td>22</td> <td>Sand, vf-m w/tr. c, Lt. Brown to Tan</td> <td></td> <td></td> <td></td> </tr> <tr> <td>22</td> <td>30</td> <td>Sand, vf-m w/tr. c, Lt. Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>30</td> <td>38</td> <td>Sand, vf-c, Lt. Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>38</td> <td>45</td> <td>Sand, vf-c w/tr. f gravel, Lt. Brown</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | | | | | | | | | | 10 FROM | TO | LITHOLOGIC LOG | FROM | TO | LITHO. LOG (cont.) or PLUGGING INTERVALS | 0 | 2.5 | Clay, sandy, tr. road gravel, Dark Brown | | | | 2.5 | 4 | Clay, sandy, silty, Red Brown | | | | 4 | 10 | Sand, vf-m, Red Brown to Yellow Brown | | | | 10 | 14 | Sand, vf-m w/tr. c, Yellow Brown | | | | 14 | 22 | Sand, vf-m w/tr. c, Lt. Brown to Tan | | | | 22 | 30 | Sand, vf-m w/tr. c, Lt. Brown | | | | 30 | 38 | Sand, vf-c, Lt. Brown | | | | 38 | 45 | Sand, vf-c w/tr. f gravel, Lt. Brown | | | |
| 10 FROM | TO | LITHOLOGIC LOG | FROM | TO | LITHO. LOG (cont.) or PLUGGING INTERVALS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 2.5 | Clay, sandy, tr. road gravel, Dark Brown | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.5 | 4 | Clay, sandy, silty, Red Brown | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 10 | Sand, vf-m, Red Brown to Yellow Brown | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 14 | Sand, vf-m w/tr. c, Yellow Brown | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 22 | Sand, vf-m w/tr. c, Lt. Brown to Tan | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 30 | Sand, vf-m w/tr. c, Lt. Brown | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 38 | Sand, vf-c, Lt. Brown | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | 45 | Sand, vf-c w/tr. f gravel, Lt. Brown | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: 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) 5/19/2017 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 527 This Water Well Record was completed on (mo-day-year) 6/6/2017 under the business name of GeoCore Inc. 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. Visit us at http://www.kdheks.gov/waterwell/index.html KSA 82a-1212 Revised 7/10/2015 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Google Earth



Collingwood Grain, Inc. T&M
204 E. Booth, Pretty Prairie, Kansas
KDHE Project Code: U2-078-11131

GPS Coordinates:

AS-1: 37.779542, -98.018756*
AS-2: 37.779608, -98.018761
AS-3: 37.779569, -98.018831
AS-4: 37.779497, -98.018833
AS-5: 37.779592, -98.018697

AS-6: 37.779531, -98.018717
AS-7: 37.779503, -98.018558
AS-8: 37.779347, -98.018558
AS-9: 37.779458, -98.018553
VEW-1: 37.779542, -98.018728*
VEW-2: 37.779456, -98.018578*

*Wells were previously installed but surveyed along with others at this site.