

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

Well ID MW12

Original Record Correction Change in Well Use

| | | | | |
|---|--|----------------------------|----------------------------------|--|
| 1 LOCATION OF WATER WELL: County: Seward | Fraction SW ¼ NE ¼ NE ¼ SE ¼ | Section Number 5 | Township Number T 35 S | Range Number R 33 <input type="checkbox"/> E <input checked="" type="checkbox"/> W |
|---|--|----------------------------|----------------------------------|--|

| | |
|--|--|
| 2 WELL OWNER: Last Name: First: Business: Kansas Dept of Health & Environment Address: 1000 SW Jackson Street, Suite 410 Address: City: Topeka State: KS ZIP: 66612 | 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 type="checkbox"/> ~50' W of SW corner Coolidge St. & Lincoln Ave., Liberal |
|--|--|

| | | | | | | | | | | |
|---|----------|---|---------|---|----------|----------|---|--|---|---|
| 3 LOCATE WELL WITH "X" IN SECTION BOX: N <table style="width: 100%; text-align: center; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 5px;">-- NW --</td> <td style="border: 1px solid black; padding: 5px;">-- NE --</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">W E</td> <td style="border: 1px solid black; padding: 5px;">X </td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">-- SW --</td> <td style="border: 1px solid black; padding: 5px;">-- SE --</td> </tr> <tr> <td colspan="2" style="border: 1px solid black; padding: 5px;">S</td> </tr> </table> 1 mile | -- NW -- | -- NE -- | W E | X | -- SW -- | -- SE -- | S | | 4 DEPTH OF COMPLETED WELL: 210 ft. Depth(s) Groundwater Encountered: 1) 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: 8.75 in. to 213 ft. and in. to ft. | 5 Latitude: 37.03133 (decimal degrees) Longitude: -100.92382 (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 checked="" type="checkbox"/> GPS (unit make/model: iGage iG8 Base/Rover) (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: |
| -- NW -- | -- NE -- | | | | | | | | | |
| W E | X | | | | | | | | | |
| -- SW -- | -- SE -- | | | | | | | | | |
| S | | | | | | | | | | |
| | | 6 Elevation: 2841.35 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:

| | | |
|---|---|---|
| 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 MW12 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? 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 **4** in. to **180** ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface **-6** in. Weight lbs./ft. Wall thickness or gauge No. **Sch. 80**

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 **180** ft. to **210** ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From **176** ft. to **213** ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other **Concrete**

Grout Intervals: From **1** ft. to **176** ft., From **0** ft. to **1** 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 | 5 | Hydroexcavated - No Sample | 145 | 153 | Clay, as above w/V Pale Brn caliche strngr |
| 5 | 28 | Clay, silty, Yellow Brown | 153 | 159 | Caliche, sandy, V. Pale Brown |
| 28 | 47 | Clay, silty, Pale Brown | 159 | 167 | Clay, sandy (vf), Lt. Yellow Brown |
| 47 | 68 | Clay, Lt. Yellow Brown to Yellow Brown | 167 | 177 | Clay, silty, sandy, Lt. Brown |
| 68 | 74 | Clay, silty, Pale Brown | 177 | 198 | Sand, vf-c, w/clay stringers |
| 74 | 79 | Clay, silty, Lt. Brown to Yellow Brown | 198 | 213 | Sand, f-c, Tan |
| 79 | 83 | Sand, vf-c, Tan | Notes: | | |
| 83 | 128 | Clay, silty, Yellow Brown to Lt. Brown | | | |
| 128 | 145 | Clay, silty, Lt. Brn to Yel Brn to Pale Brn | | | |

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) **8/29/2019** 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) **9/4/2019** under the business name of **GeoCore, LLC** Signature *[Signature]*

SS-135-1233



Convenience Plus #1 Site, Liberal, Kansas (KDHE Project #U1 088 12658)

GPS Coordinates:

- MW1R: 37.03194, -100.92404
- MW10: 37.03222, -100.92403
- MW8: 37.03198, -100.92461
- MW11: 37.03207, -100.92422
- MW9: 37.03224, -100.92461
- MW12: 37.03133, -100.92382

SEP 23 2019
BUREAU OF WATER