

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

Well ID MW10

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: Seward	Fraction NW 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
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2 WELL OWNER: Last Name: Kansas Dept of Health & Environment 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"/> 138 W. Pancake, Liberal (NE corner of property)
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3 LOCATE WELL WITH "X" IN SECTION BOX:
N

	NW	NE	
W			E
	SW	SE	
	S		

-----1 mile-----

4 DEPTH OF COMPLETED WELL: **210** ft.
 Depth(s) Groundwater Encountered: 1) ft.
 2) ft. 3) ft., or 4) Dry Well
WELL'S STATIC WATER LEVEL: ft.
 below land surface, measured on (mo-day-yr)
 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: **37.03222** (decimal degrees)
Longitude: **-100.92403** (decimal degrees)
 Horizontal Datum: WGS 84 NAD 83 NAD 27
 Source for Latitude/Longitude:
 GPS (unit make/model: **Gage iG8 Base/Rover**)
 (WAAS enabled? Yes No)
 Land Survey Topographic Map
 Online Mapper:

6 Elevation: **2841.69** ft. Ground Level TOC
 Source: Land Survey GPS Topographic Map
 Other

7 WELL WATER TO BE USED AS:

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock 2. 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 MW10 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):
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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 **4** in. to **180** ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface **-6.84** 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 **175** 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 **175** 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 Samp (conc. top 5')	92	111	Clay, silty, Yellow Brown to V. Pale Brown
5	9	Clay, Dark Brown to Dark Gray Brown	111	143	Clay, silty, Lt. Brown to Pale Brown
9	16	Clay, sl. silty, Brown	143	158	Caliche, sandy, V. Pale Brown
16	28	Clay, silty, Yellow Brown	158	178	Clay, silty, bcmg v. sandy, Lt. Brown
28	34	Clay, sl. silty, V. Pale Brown	178	213	Sand, vf-c, Tan
34	44	Clay, sl. silty, Lt. Brown Gray			
44	81	Clay, silty, V. Pale Brown to Yel Brown	Notes:		
81	84	Sand, vf-c, Tan			
84	92	Clay, silty, sandy (vf), Lt. Brown			

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 *Don Kelt*.....

SS-135-133



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