

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

MW5

Original Record Correction Change in Well Use

Well ID

1 LOCATION OF WATER WELL: County: **Seward** Fraction: NE 1/4 SW 1/4 SW 1/4 SE 1/4 Section Number: **31** Township Number: T **34** S Range Number: R **33** E W

2 WELL OWNER: Last Name: **Kansas Dept of Health & Environment** First: **1000 SW Jackson Street** 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:
Address: **25' E & 10' S of 3rd & Industrial Park, Liberal**
City: **Topeka** State: **KS** ZIP: **66612-1367**

3 LOCATE WELL WITH "X" IN SECTION BOX:
N
W E
S
-----1 mile-----

	NW	NE	
W			E
	SW	SE	
	S	S	

4 DEPTH OF COMPLETED WELL: **250** ft.
Depth(s) Groundwater Encountered: 1) ft.
2) ft. 3) ft., or 4) Dry Well
WELL'S STATIC WATER LEVEL: **194.38** ft.
 below land surface, measured on (mo-day-yr) **8/7/2019**
 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 **255** ft. and
..... in. to ft.

5 Latitude: **37.04094** (decimal degrees)
Longitude: **-100.94773** (decimal degrees)
Horizontal 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: **2863.19** 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	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 MW5	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):
2. <input type="checkbox"/> Irrigation	9. Environmental Remediation: well ID <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	
3. <input type="checkbox"/> Feedlot		
4. <input type="checkbox"/> Industrial		

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 **230** ft., Diameter in. to ft., Diameter in. to ft.
Casing height above land surface **3.48** 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 **230** ft. to **250** ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From **225** ft. to **252** ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other **Concrete**
Grout Intervals: From **0** ft. to **1** ft., From **1** ft. to **225** 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	5.5	Clay, sandy (f w/tr. m), Dark Gray Brown	156	214	Sand, vf-m w/some c, clayey
5.5	25	Sand, vf-c, clayey	214	231	Sand, vf-f w/some m and c
25	50	Sand, vf-m, clayey	231	255	Sand, vf-m, clayey
50	67	Sand, bcmg m-c w/some f and tr. vf			
67	79	Sand, vf-f w/some m, clayey			
79	85	Clay, sandy (vf-f w/some m)			
85	101	Sand, vf-c			
101	142	Sand, vf-m w/some c, clayey			
142	156	Clay, some vf sand w/tr. f			

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) **8/1/2019** 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) **9/5/2019** under the business name of **GeoCore, LLC** Signature *Don Zell*

S31-T34-R33



2nd and General Welch Site, Liberal, Kansas
(for Golder Associates, Inc.)

GPS Coordinates: MW3: 37.04157, -100.95178
MW6: 37.03914, -100.94580

MW4: 37.03954, -100.95111
MW7: 37.03766, -100.94794

MW5: 37.04094, -100.94773

RECEIVED
SEP 23 2019
BUREAU OF WATER