

County: Cloud Fraction: NW SE SW SE Sec. 30 T 6 S R 3 W

CORRECTION(S) TO WATER WELL COMPLETION RECORD (WWC-5) - to rectify lacking or incorrect information

Owner: Kyle Lervold

If corrected, location was listed as:

Location changed to:

Section-Township-Range: 30-5S-3EW

30-6S-3W

Fraction (1/4 1/4 1/4): NW SE SW SE

NW SE SW SE

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

Verification method: written & legal descriptions, latitude & longitude & KGS' "LEO" conversion tool, Cloud County online parcel search, and mapping tool & aerial photos on KGS website. Initials: ORA Date: 2/14/2018

Submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Avenue, Lawrence, KS 66047-3724
 Kansas Dept. of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367

WATER WELL RECORD Form WWC-5

Original Record Correction Change in Well Use

Division of Water Resources App. No.

Well ID

1 LOCATION OF WATER WELL: County: CLOUD	Fraction NW ¼ SE ¼ SW ¼ SE ¼	Section Number 30	Township Number T 5 S	Range Number R 3 <input checked="" type="checkbox"/> E <input checked="" type="checkbox"/> W
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2 WELL OWNER: Last Name: LERVOLD First: KYLE Business Address: 1420 N 120TH ROAD City: CONCORDIA State: KS ZIP: 66901	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"/> 4 MILES SOUTH OF CONCORDIA AND 2 MILES WEST
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3 LOCATE WELL WITH "X" IN SECTION BOX: N W E S [-----] 1 mile [-----]	4 DEPTH OF COMPLETED WELL: 280 ft. Depth(s) Groundwater Encountered: 1) 20 ft. 2) ft. 3) ft. or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: 122 ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) 09/11/2017 <input type="checkbox"/> above land surface, measured on (mo-day-yr) Pump test data: Well water was 146 ft. after 6 hours pumping 20 gpm Well water was ft. after hours pumping gpm Estimated Yield: 18 gpm Bore Hole Diameter: 10 in. to 280 ft. and in. to ft.	5 Latitude: 39.4977389 (decimal degrees) Longitude: -97.6922389 (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: GARMIN (WAAS enabled? <input type="checkbox"/> Yes <input type="checkbox"/> No) <input type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper:
		6 Elevation: 1518 ft. <input checked="" type="checkbox"/> Ground Level <input type="checkbox"/> TOC Source: <input type="checkbox"/> Land Survey <input checked="" type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input checked="" type="checkbox"/> Other: GOOGLE EARTH

7 WELL WATER TO BE USED AS:

1. Domestic: <input checked="" type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock	5. <input type="checkbox"/> Public Water Supply: well ID	10. <input type="checkbox"/> Oil Field Water Supply: lease
2. <input type="checkbox"/> Irrigation	6. <input type="checkbox"/> Dewatering: how many wells?	11. Test Hole: well ID
3. <input type="checkbox"/> Feedlot	7. <input type="checkbox"/> Aquifer Recharge: well ID	<input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical
4. <input type="checkbox"/> Industrial	8. <input type="checkbox"/> Monitoring: well ID	12. Geothermal: how many bores?
	9. Environmental Remediation: well ID	a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical
	<input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction	b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water
	<input type="checkbox"/> Recovery <input type="checkbox"/> Injection	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 5.563 in. to 280 ft. Diameter in. to ft. Diameter in. to ft.
Casing height above land surface 0 in. Weight 2.893 lbs./ft. Wall thickness or gauge No. 265

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 200 ft. to 280 ft. From ft. to ft. From ft. to ft.
GRAVEL PACK INTERVALS: From 25 ft. to 280 ft. From ft. to ft. From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout Intervals: From 0 ft. to 25 ft. From ft. to 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) NONE

Direction from well? Distance from well? ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	2	TOP SOIL	193	196	PYRITE LAYER
2	19	TAN CLAY	196	247	GRAY CLAY
19	23	AND ROCK / LIMESTONE	247	270	HARD LAYER
23	28	TAN CLAY/LIMESTONE			
28	38	TAN AND GRAY CLAY			
38	60	SHALE			
87	90	GRAY CLAY	Notes:		
90	107	SHALE			
107	193	GRAY CLAY			

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) 07/24/2017, and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 480. This Water Well Record was completed on (mo-day-year) 11/29/2017 under the business name of WILLIAMS DRILLING CO., INC. Signature: *[Signature]*