

County: Douglas Fraction SE SE SW SE Sec. 19 T 12 S R 20 ^{EW}

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

Owner: Marvin Shaw

Location was listed as:

Section-Township-Range: 19-12S-20E

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

Location changed to:

19-12S-20E

SE SE SW SE

Other changes: Initial statements: No datum given.

Changed to: WGS 84

Comments: WGS 84 is Google Earth default datum.

Verification method: latitude & longitude, KGS' "LEOWER" conversion tool, and mapping tool on KGS website, and city street map.

initials: DRJ date: 9/30/2016

Submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 660473726

to: Kansas Dept of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367.

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

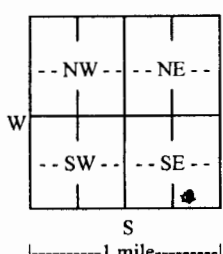
Well ID

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: Douglas Fraction: 1/4 SW 1/4 SE 1/4 SE 1/4 Section Number: 19 Township Number: T 12 S Range Number: R 20 E

2 WELL OWNER: Last Name: Shaw First: Marvin 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:
 Business: 445 North St
 Address: Lawrence City: Ks. State: Ks. ZIP:

3 LOCATE WELL WITH "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL: 48 ft.
 Depth(s) Groundwater Encountered: 1) 22' ft. 2) ft. 3) ft., or 4) Dry Well
 WELL'S STATIC WATER LEVEL: 21.50 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: in. to ft. and in. to ft.

5 Latitude: 38.59 04.89 (decimal degrees)
Longitude: 95.13 43.59 (decimal degrees)
 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: Google Earth

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

7 WELL WATER TO BE USED AS:

1. Domestic: <input checked="" 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 type="checkbox"/> Monitoring: well ID	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:

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded
 Casing diameter 5" in. to 28 ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface 2.5 in. Weight lbs./ft. Wall thickness or gauge No. 24.40

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 28 ft. to 48 ft., From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 26 ft. to 48 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
 Grout Intervals: From 26 ft. to 3' 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)

Direction from well? North Distance from well? >100' ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	4.0	Bin silty loamy soil			
4.0	12.0	Bin clayey silt			
12.0	16.0	Tansilt			
16.0	21.0	Bin fine-med grained sand			
21.0	24.0	Grayish bin clay			
24.0	48.0	Bin fine-coarse sand, few large gravel pebbles			

Notes:

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) 4/19/16 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 732 This Water Well Record was completed on (mo-day-year) 4/23/16 under the business name of G.B. Environmental