

County: Harvey Fraction: SW SW SE Sec. 3 T 22 S R 1 E

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

Owner: Dale Friesen

If location corrected, was listed as:

Section-Township-Range: None Given

Fraction (1/4 calls): _____

Location changed to:

3-22S-1E

SW SW SE

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

Verification method: well owner's address, city street map, Harvey County online parcel search, and mapping tool & aerial photos on KGS website. Initials: DRF Date: 1/16/2019

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

Division of Water Resources App. No.

Well ID

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: <u>Harvey</u>	Fraction $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$	Section Number	Township Number T S R	Range Number E <input type="checkbox"/> W <input type="checkbox"/>
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2 WELL OWNER: Last Name: Friesen First: Dale
 Business: 1810 NE 96th
 Address: Walton State: KS ZIP: 67151
 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:

<p>3 LOCATE WELL WITH "X" IN SECTION BOX:</p> <p style="text-align: center;">N</p> <table style="width: 100%; text-align: center; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; width: 25px; height: 25px;">NW</td> <td style="border: 1px solid black; width: 25px; height: 25px;">NE</td> </tr> <tr> <td style="border: 1px solid black; width: 25px; height: 25px;">SW</td> <td style="border: 1px solid black; width: 25px; height: 25px;">SE</td> </tr> </table> <p style="text-align: center;">S</p> <p style="text-align: center;">----- 1 mile -----</p>	NW	NE	SW	SE	<p>4 DEPTH OF COMPLETED WELL: <u>120</u> ft. Depth(s) Groundwater Encountered: 1) ft. 2) <u>60</u> ft. 3) <u>110</u> ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: <u>35</u> ft. <input type="checkbox"/> below land surface, measured on (mo-day-yr) <input checked="" type="checkbox"/> above land surface, measured on (mo-day-yr) <u>5-21-18</u> Pump test data: Well water was ft. after hours pumping gpm Well water was ft. after hours pumping gpm Estimated Yield: <u>20</u> gpm Bore Hole Diameter: <u>9 1/2</u> in. to <u>3.5</u> ft. and <u>7 1/2</u> in. to <u>120</u> ft.</p>	<p>5 Latitude: (decimal degrees) Longitude: (decimal degrees) Horizontal Datum: <input type="checkbox"/> WGS 84 <input type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: <input type="checkbox"/> GPS (unit make/model:) (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:</p>
NW	NE					
SW	SE					

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):
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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 S in. to 120 ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface 12 in. Weight SDR 26 lbs./ft. Wall thickness or gauge No. 2.14
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 45 ft. to 65 ft., From 80 ft. to 120 ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 20 ft. to 60 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
 Grout Intervals: From 0 ft. to 20 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? N Distance from well? 50+ ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	22	Clay			
22	60	Blue shale			
60	62	Crumbled shale some white			
62	105	Blue shale			
105	110	Crumbled shale - water			
110	120	Gray shale			
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) 5-21-18 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 180 This Water Well Record was completed on (mo-day-year) 6-1-18 under the business name of Backhaus Drill