

County: Washington Fraction: W2, NW, SW, SE Sec. 9 T. 2 S R. 5 E

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

Owner: Frank Bruna

If location corrected, was listed as:

Location changed to:

Section-Township-Range: _____

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

W2, NW, SW, SE

Other changes: Initial statements: no horizontal datum provided

Changed to: WGS84

Comments: a house is being built 200ft SW of the well

Verification method: Confirmed with Eric Strader, STR finder, Google Earth

Initials: JM Date: 6/11/2021

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

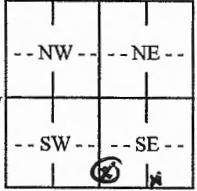
Division of Water Resources App. No.

Well ID

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: WASHINGTON	Fraction ¼ SW ¼ SW ¼ SE ¼	Section Number 9	Township Number T 2 S	Range Number R 5 <input checked="" type="checkbox"/> E <input type="checkbox"/> W
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2 WELL OWNER: Last Name: BRUNA First: FRANK Business: Address: 1320 2ND ROAD Address: City: BREMAN State: KS ZIP: 66412	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"/> NORTH OF THE INTERSECTION OF SHADY BLVD AND 22ND ROAD In HANOVER, KS.
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3 LOCATE WELL WITH "X" IN SECTION BOX: N  W E S -----1 mile-----	4 DEPTH OF COMPLETED WELL: 55 ft. Depth(s) Groundwater Encountered: 1) ft. 2) ft. 3) ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: 21 ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) 4/5/2021 <input type="checkbox"/> 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: ... 25 ... gpm Bore Hole Diameter: 8 in. to 55 ft. and in. to ft.	5 Latitude: 39.888089 (decimal degrees) Longitude: -96.871035 (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 checked="" type="checkbox"/> Online Mapper: <u>GOOGLE MAP</u> 6 Elevation: ft. <input type="checkbox"/> Ground Level <input type="checkbox"/> TOC Source: <input type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input type="checkbox"/> Other
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7 WELL WATER TO BE USED AS:

1. Domestic: <input type="checkbox"/> Household <input checked="" type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock 2. Irrigation 3. Feedlot 4. 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 5 in. to 35 ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface 18 in. Weight 2.8 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 35 ft. to 55 ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 30 ft. to 55 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout Intervals: From 5 ft. to 30 ft., From ft. to ft., From ft. to ft.

Nearest source of possible contamination:

<input type="checkbox"/> Septic Tank	<input type="checkbox"/> Lateral Lines	<input type="checkbox"/> Pit Privy	<input checked="" type="checkbox"/> Livestock Pens	<input type="checkbox"/> Insecticide Storage
<input type="checkbox"/> Sewer Lines	<input type="checkbox"/> Cess Pool	<input type="checkbox"/> Sewage Lagoon	<input type="checkbox"/> Fuel Storage	<input type="checkbox"/> Abandoned Water Well
<input type="checkbox"/> Watertight Sewer Lines	<input type="checkbox"/> Seepage Pit	<input type="checkbox"/> Feedyard	<input type="checkbox"/> Fertilizer Storage	<input type="checkbox"/> Oil Well/Gas Well
<input type="checkbox"/> Other (Specify)				

Direction from well? WEST Distance from well? 200 ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	7	BROWN CLAY			
7	13	TAN CLAY			
13	16	RED SHALE			
16	19	TAN SHALE			
19	27	LIMESTONE			
27	43	GRAY SHALE			
43	49	LIMESTONE (BROKEN)			Notes:
49	52	GRAY SHALE			
52	55	RED SHALE			

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) 4/15/2021 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 518 This Water Well Record was completed on (mo-day-year) 5/5/2021 under the business name of BLUE VALLEY DRILLING INC. Signature *[Signature]*