

County: Washington Fraction: SW, NW, SW, SE Sec. 33 T. 2 S R. 5 E

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

Owner: Mark Bruna Livestock

If location corrected, was listed as:

Location changed to:

Section-Township-Range: _____

Fraction (¼ calls): SW, SW, SE

SW, NW, SW, SE

Other changes: Initial statements: _____

Changed to: _____

Comments: Quarter fractions represented by lat/long coordinates did not match quarter fractions reported.

Verification method: Confirmed w/ Eric Strader that lat/long are correct & quarter fractions need revision.

Also used Google Earth, and STR finder.

Initials: BA Date: 10/3/2022

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

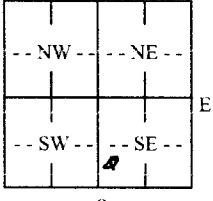
Division of Water Resources App. No.

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 33	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: MARK Business Address: 2852 HILLTOP AVENUE Address: HANOVER State: KS ZIP: 66945	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"/> SOUTH FROM HWY 36 ON ZENITH ROAD 3/4 MILE SOUTH OF HANOVER, KS
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3 LOCATE WELL WITH "X" IN SECTION BOX: 	4 DEPTH OF COMPLETED WELL: 136 ft. Depth(s) Groundwater Encountered: 1) ft. 2) ft. 3) ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: 97 ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) 6/18/2022 <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: 10 gpm Bore Hole Diameter: 8 3/4" in. to 140 ft. and 6 1/2" in. to 200 ft.	5 Latitude: 39-49-47.00N (decimal degrees) Longitude: 96-52-19.20W (decimal degrees) Horizontal Datum: <input checked="" type="checkbox"/> WGS 84 <input type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: <input checked="" 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: 6 Elevation: ft. <input 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 type="checkbox"/> Other
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7 WELL WATER TO BE USED AS:

1. <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input checked="" type="checkbox"/> Livestock <input type="checkbox"/> Irrigation <input type="checkbox"/> Feedlot <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 5 in. to 136 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 116 ft. to 136 ft., From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 25 ft. to 100 ft., From 105 ft. to 136 ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout Intervals: From 5 ft. to 25 ft., From 100 ft. to 105 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? NONE PRESENT Distance from well? ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	10	BROWN CLAY	135	141	LIMESTONE
10	24	LIMESTONE	141	178	GRAY SHALE
24	38	TAN SHALE	178	188	GYPSPUM
38	58	RED SHALE	188	200	GRAY SHALE
58	67	TAN SHALE			
67	94	GRAY SHALE			
94	116	RED SHALE	Notes:		
116	132	TAN SHALE			
132	135	LIMESTONE			

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) 6/19/2022 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) 6/30/2022 under the business name of BLUE VALLEY DRILLING INC. Signature 