

County: Labette Fraction: NW SE SW NW Sec. 5 T 32 S R 21 E

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

Owner: USACE

If corrected, location was listed as:

Location changed to:

Section-Township-Range: 5-325-21E

5-325-21E

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

NW SE SW NW

Other changes: Initial statements: Latitude: 1556793.094, Longitude: 2290369.937,
NAD 83

Changed to: Latitude: 37.2895878, Longitude: -95.1373957, WGS 84

Comments: _____

Verification method: Conversion of state plane coordinates to latitude and longitude, conversion of latitude & longitude to section, township, & range and quarters (using KGS' "LEOWER" program). Initials: DRK Date: 12/7/2017

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 **MW-5-25**

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: LaBette	Fraction SW 1/4 SE 1/4 SW 1/4 NW 1/4	Section Number 5	Township Number T 32 S	Range Number R 21 E <input type="checkbox"/> W
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2 WELL OWNER: Last Name: USACE First: Business: USACE Address: Kansas Army Ammunition Plant Address: City: Parsons State: KS ZIP: 67357	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"/> East side of KSAAP approximately 6 miles SE of Parsons, KS
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3 LOCATE WELL WITH "X" IN SECTION BOX:
N

NW	NE
SW	SE

S

-----1 mile-----

4 DEPTH OF COMPLETED WELL: **25** ft.
 Depth(s) Groundwater Encountered: 1) ft.
 2) ft. 3) ft., or 4) Dry Well
WELL'S STATIC WATER LEVEL: **6.43** ft.
 below land surface, measured on (mo-day-yr) **5-16-17**
 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: **6** in. to **5** ft. and
 **9.5** in. to **25** ft.

5 Latitude: **1556793.094** (decimal degrees)
Longitude: **2290369.937** (decimal degrees)
 Horizontal 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:

6 Elevation: **835.72** ft. Ground Level TOC
 Source: Land Survey GPS Topographic Map
 Other

7 WELL WATER TO BE USED AS:

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input 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 MW-5-25 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 **2** in. to **12** ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface **40** in. Weight **0.68** lbs./ft. Wall thickness or gauge No. **Sch 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 **12** ft. to **22** ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From **10** ft. to **22.5** ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
 Grout Intervals: From **2** ft. to **10** 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) **RCRA**
 Direction from well? **Well within impact zone** Distance from well? **N.A.** ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	4.5	Clay, silty			
4.5	22.5	Limestone (Higginsville Mem., Fort Scott Frm)			
22.5	25	Shale (Little Osage Mem., Fort Scott Frm)			

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) **03-31-2017**... and this record is true to the best of my knowledge and belief.
 Kansas Water Well Contractor's License No. **201**..... This Water Well Record was completed on (mo-day-year)
 under the business name of **Carl M. Christensen Company**..... Signature **Bob Kratz**.....