

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

Well ID

MW5

[X] Original Record [] Correction [] Change in Well Use

1 LOCATION OF WATER WELL: County Barber Fraction NW 1/4 NE 1/4 SW 1/4 NW 1/4 Section Number 21 Township Number T 32 S Range Number R 10 [] E [X] W

2 WELL OWNER: Last Name: Rucker First: M 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: [] ~30' S of 103 E. Washington St., Sharon KS

3 LOCATE WELL WITH "X" IN SECTION BOX: N NW NE SW SE S W E

4 DEPTH OF COMPLETED WELL: 14.96 ft Depth(s) Groundwater Encountered: 1) 14.96 ft 2) ft 3) ft or 4) [] Dry Well WELL'S STATIC WATER LEVEL: 4.8 ft [X] below land surface, measured on (mo-day-yr) 12/30/15

5 Latitude: 37.24921 (decimal degrees) Longitude: 98.41985 (decimal degrees) Horizontal Datum: [X] WGS 84 [] NAD 83 [] NAD 27 Source for Latitude/Longitude: [] GPS (unit make/model:) (WAAS enabled? [] Yes [] No) [X] Land Survey [] Topographic Map [] Online Mapper

6 Elevation 98.09 ft [] Ground Level [X] TOC Source: [X] Land Survey [] GPS [] Topographic Map [] Other

7 WELL WATER TO BE USED AS: 1 Domestic: [] Household [] Lawn & Garden [] Livestock [] Irrigation [] Feedlot [] Industrial 5 Public Water Supply: well ID 6 Dewatering: how many wells? 7 Aquifer Recharge: well ID 8 [X] Monitoring: well ID MWS 9 Environmental Remediation: well ID [] Air Sparge [] Soil Vapor Extractor [] Recovery [] Injection 10 Oil Field Water Supply: lease 11 Test Hole: well ID [] Cased [] Uncased [] Geotechnical 12 Geothermal: How many bores? a) Closed Loop [] Horizontal [] Vertical b) Open Loop [] Surface Discharge [] Inj. of Water [] Other (specify):

Was a chemical/bacteriological sample submitted to KDHE? [] Yes [X] No If yes, date sample was submitted: Water well disinfected? [] Yes [X] No

8 TYPE OF CASING USED: [] Steel [X] PVC [] Other CASING JOINTS: [] Glued [] Clamped [] Welded [X] Threaded Casing diameter 2 in. to 4.96 ft, Diameter in. to ft, Diameter in. to ft, Casing height above land surface -0.46 in. Weight lbs./ft. Well thickness or gauge No TYPE OF SCREEN OR PERFORATION MATERIAL: [] Steel [] Stainless Steel [] Fiberglass [X] PVC [] Other (Specify) [] Brass [] Galvanized Steel [] Concrete tile [] None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: [] Continuous Slot [X] 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 4.96 ft. to 14.96 ft, From ft. to ft, From ft. to ft, GRAVEL PACK INTERVALS: From 3 ft. to 15.5 ft, From ft. to ft, From ft. to ft,

9 GROUT MATERIAL: [] Neat cement [] Cement grout [X] Bentonite [X] Other Concrete: 0-0.5' Grout intervals: From 0.5 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 [X] 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? ~80 ft

10 FROM TO LITHOLOGIC LOG FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS
0 3 Topsoil, gray brown silty clay grading to coarse brown sand
3 4 Dark brown silty clay
4 5 Red brown silty clay
5 6 Medium red brown sand
6 8.5 Medium brown sand
8.5 9 Red brown silty clay
9 9.5 Gray silty clay
9.5 10 Fine to medium red brown silty sand
10 15.5 Red brown silty clay
Notes: KDHE ID: Service Station; U1-004-14640

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was [X] constructed, [] reconstructed, or [] plugged under my jurisdiction and was completed on (mo-day-year) 12/30/15 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No 757 This Water Well Record was completed on (mo-day-year) 3/7/16 under the business name of Larsen & Associates, Inc. Signature

TRITERRA

LAND SERVICES

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**SURVEYING OF MONITORING WELLS
 SERVICE STATION
 SHARON, KANSAS**

The above site is in Section 21, Township 32 South, Range 10 West of the Sixth Principal Meridian, Barber County, Kansas. The Southeast corner of Section 21 was assigned coordinates of 00.00 North and 00.00 West.

A BM for vertical control was not available, therefore a control point was established with an assigned value of 100.00' MSL. It is described as a chiseled 'X' on the old elevated sign base located west of the SW corner of the building.

The Latitude and Longitude were recorded from a GPS unit. The site is located on the 7.5' quad map titled "Sharon South".

ID	NORTH	WEST	LATITUDE	LONGITUDE	ELEVATION
SE CORNER 21-32S-10W	00.00	00.00			
Control Point	3843.32	4674.08	37.24953	98.42009	100.00
MW-1 NE NW SW NW	3795.19	4628.55	37.24938	98.41991	RIM 99.61 TOC 99.29
MW-2 NW NE SW NW	3867.33	4546.45	37.24960	98.41965	RIM 100.18 TOC 99.85
MW-3 NW NE SW NW	3808.32	4553.85	37.24940	98.41965	RIM 99.66 TOC 99.08
MW-4 NE NW SW NW	3860.80	4695.67	37.24957	98.42017	RIM 99.57 TOC 99.04
MW-5 NW NE SW NW	3725.02	4599.85	37.24921	98.41985	RIM 98.55 TOC 98.09
MW-6 NW NE SW NW	3762.45	4444.44	37.24931	98.41931	RIM 99.20 TOC 98.72
MW-7 NW NE SW NW	3686.80	4492.51	37.24908	98.41948	RIM 98.77 TOC 98.37
MW-8 NW NE SW NW	3763.36	4321.96	37.24931	98.41889	RIM 99.78 TOC 99.18
MW-9 NW NE SW NW	3901.19	4347.42	37.24968	98.41898	RIM 99.96 TOC 99.56

