

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

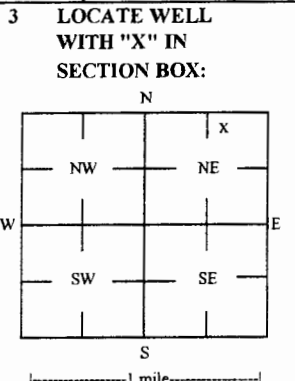
Well ID

MW13

Original Record Correction Change in Well Ust

1 LOCATION OF WATER WELL: County Russell Fraction NW 1/4 NE 1/4 Section Number 34 Township Number T 13 S Range Number R 14 E W

2 WELL OWNER: Last Name: Business: Kansas Department of Health & Environment Address: 1000 SW Jackson City Topeka State: KS ZIP: 66612 Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 23 S Kansas St., Russel, KS 67665



4 DEPTH OF COMPLETED WELL: 15 ft Depth(s) Groundwater Encountered: 1) 15 ft 2) 8.68 ft 3) Dry Well WELL'S STATIC WATER LEVEL: 8.68 ft

5 Latitude: 38.88509 (decimal degrees) Longitude: 98.85813 (decimal degrees) Horizontal Datum: WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: Land Survey Topographic Map Online Mapper

6 Elevation: 1838.16 ft Ground Level TOC Source: Land Survey GPS Topographic Map Other

7 WELL WATER TO BE USED AS: 1 Domestic: Household Lawn & Garden Livestock Irrigation Feedlot Industrial 2 Public Water Supply: well ID 3 Dewatering: how many wells? 4 Aquifer Recharge: well ID 5 Monitoring: well ID MW13 6 Environmental Remediation: well ID Air Sparge Soil Vapor Extractor Recovery Injection 7 Oil Field Water Supply: lease 8 Test Hole: well ID Cased Uncased Geotechnical 9 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 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 5 ft, Diameter in. to ft, Diameter in. to ft, Casing height above land surface -0.29 in. Weight lbs./ft. Well thickness or gauge No 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 5 ft. to 15 ft. From ft. to ft. From ft. to ft. GRAVEL PACK INTERVALS: From 4 ft. to 15.5 ft. From ft. to ft. From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Concrete: 0-0.5' Grout intervals: From 0.5 ft. to 4 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? ~190 ft

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include Topsoil: Sandy loam, Silty clay, Siltstone, Sandstone, Siltstone. Notes: KDHE ID: Thrift Station; U6-084-00718

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) 11/2/16 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) 11/23/16 under the business name of Larsen & Associates, Inc. Signature

Mail 1 white copy along with a fee of \$5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau of Water, GWTS Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524.

SMH CONSULTANTS

November 22, 2016

Larsen & Associates, Inc.
 Jessica Chapman
 1311 East 25th Street, Suite B
 Lawrence, Kansas 66046
 Email: Jess@larsenenvironmental.com

RE: Project No. 1611MN1249

Jess:

The following is the information requested on a Monitoring Well Site, Thrift Station, 211 East Wichita, Russell, Russell County, Kansas.

Point	North Coord.	East Coord.	Distance SE Cor. North	From S.27 West	Elev. Top Of Rim or PK Nail	Elev. Top of PVC Pipe	Latitude North	Longitude West
SE Corner S.27-T13S-R14W	10000	10000						
MW11	9965.45	8707.25	34.55	1292.75	1839.74	1839.41	38.88543	98.85901
MW12	9959.39	9129.33	40.61	870.67	1837.87	1837.57	38.88544	98.85753
MW13	9831.50	8963.64	168.50	1036.36	1838.45	1838.16	38.88509	98.85813
Site BM	10103.13	8912.62	103.13	1087.38		BM Elevation = 1870.03		

BM Description: "+" cut at southwest corner of building.

MW11, MW13 are in the: NW¼ NW¼ NE¼ NE¼ S.34-T13S-R14W
 MW12 is in the: NE¼ NW¼ NE¼ NE¼ S.34-T13S-R14W

If you have any questions, please do not hesitate in giving us a call.

Sincerely,



Tim Sloan, L.S.
 SMH CONSULTANTS

RECEIVED
 DEC 14 2016
 BUREAU OF WATER