

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

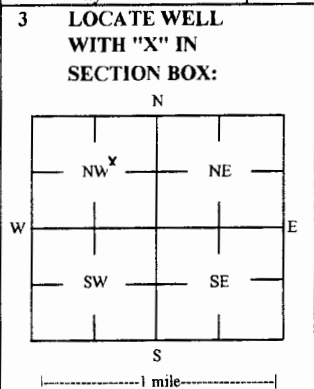
[]

Well ID MW7

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

1 LOCATION OF WATER WELL: County Hodgeman Fraction SE 1/4 NE 1/4 SW 1/4 NW 1/4 Section Number 6 Township Number T 23 S Range Number R 23 [] E [X] W

2 WELL OWNER: Last Name: Business: KDHE Address: 1000 SW Jackson Blvd City Topeka State: KS ZIP: 66612 Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 607 Main, Jetmore, KS If at owner's address, check here: []



4 DEPTH OF COMPLETED WELL: 65.5 ft Depth(s) Groundwater Encountered: 1) _____ ft 2) _____ ft 3) _____ ft, or 4) [] Dry Well WELL'S STATIC WATER LEVEL: 50.03 ft. [X] below land surface, measured on (mo-day-yr) 7/14/2017 [] above land surface, measured on (mo-day-yr) _____ Pump test data: Well water was _____ ft after _____ hours pumping _____ gpm Water well was _____ ft after _____ hours pumping _____ gpm Estimated Yield: _____ gpm Bore Hole Diameter: 7.25 in to _____ ft, and _____ in to _____ ft

5 Latitude: 38.08328 (decimal degrees) Longitude: 99.89446 (decimal degrees) Horizontal Datum: [] 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 2305.43 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 MW7 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 45.5 ft, Diameter _____ in. to _____ ft, Diameter _____ in. to _____ ft, Casing height above land surface -0.52 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 45.5 ft. to 65.5 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft. GRAVEL PACK INTERVALS: From 42 ft. to 65.5 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.

9 GROUT MATERIAL: [] Neat cement [X] Cement grout [X] Bentonite [X] Other Concrete: 0-1 ft Grout intervals: From 1 ft. to 42 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? SE Distance from well? ~78 ft

Table with 6 columns: 10 FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include: 0 to 0.4 Gravel, 0.4 to 20 Silty clay, 20 to 41 Silt, 41 to 65.5 Clayey silt with coarse sand and gravel.

Notes: KDHE ID: Guthrie Station; U1-042-14957

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) 7/5/17 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) 7/26/17 under the business name of Larsen & Associates, Inc. Signature [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, GWIS, 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

August 15, 2017

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

RE: Project No. 1707MN1211

Jessica:

The following is the information requested on a Monitoring Well Site, Guthrie Station, 611 Main Street, Jetmore, Hodgeman County, Kansas.

Point	North Coord.	East Coord.	Distance SE Cor. North	From S.06 West	Elev. Top Of Rim or PK Nail	Elev. Top of PVC Pipe	Latitude North	Longitude West
SE Corner S.06-T23S-R23W	10000	10000						
MW7	13469.79	6008.40	3469.79	3991.60	2305.95	2305.43	38.08328	99.89446
MW8	13389.48	6048.98	3389.48	3951.02	2306.15	2305.75	38.08306	99.89432
MW9	13348.80	6010.71	3348.80	3989.29	2305.19	2304.83	38.08295	99.89446
MW10	13510.44	6221.01	3510.44	3778.99	2306.24	2305.70	38.08338	99.89372
MW11	13395.30	6377.06	3395.30	3622.94	2303.35	2302.94	38.08306	99.89318
MW12	13428.50	6133.96	3428.50	3866.04	2305.36	2305.03	38.08316	99.89403
Site BM	13246.28	6151.69	3246.28	3848.31		BM Elevation = 2301.74		

BM Description: "□" Square cut on top of curb at northwest corner of corner of Main and Tucker.

MW7, MW9 are in the: SE¼ NE¼ SW¼ NW¼ S.06-T23S-R23W
 MW8, MW10, MW12 are in the: SW¼ NW¼ SE¼ NW¼ S.06-T23S-R23W
 MW11 is in the: SE¼ NW¼ SE¼ NW¼ S.06-T23S-R23W

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

Sincerely,



Tim Sloan, L.S.
 SMH CONSULTANTS

RECEIVED
 SEP 01 2017
 BUREAU OF WATER