

WATER WELL RECORD

Form WWC-5

Division of Water

Resources App. No.

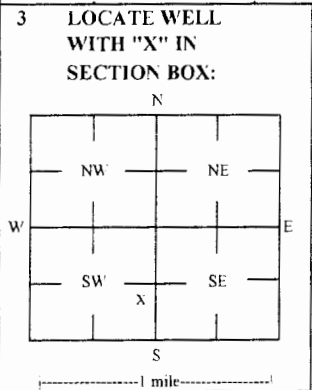
Well ID

MW11

Original Record Correction Change in Well Ust

1 LOCATION OF WATER WELL: County Ellis Fraction SW 1/4 NE 1/4 SE 1/4 SW 1/4 Section Number 33 Township Number T 13 S Range Number R 18 E W

2 WELL OWNER: Last Name: First: 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: Business: E.H. Janzen Address: 2608A Augusta Ln. 107 13th St., Hays, KS Address: City Hays State: KS ZIP: 67601



4 DEPTH OF COMPLETED WELL: 35 ft Depth(s) Groundwater Encountered: 1) 35 ft 2) 24.00 ft 3) Dry Well 4) Dry Well WELL'S STATIC WATER LEVEL: 24.00 ft below land surface, measured on (mo-day-yr) 5/2/2017 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: 38.87350 (decimal degrees) Longitude: 99.32894 (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: 1996.17 ft Ground Level TOC Source: Land Survey GPS Topographic Map Other

7 WELL WATER TO BE USED AS: 1 Domestic: Household Lawn & Garden Livestock 2 Irrigation 3 Feedlot 4 Industrial 5 Public Water Supply: well ID 6 Dewatering: how many wells? 7 Aquifer Recharge: well ID 8 Monitoring: well ID MW11 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 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 20 ft. Diameter _____ in. to _____ ft. Diameter _____ in. to _____ ft. Casing height above land surface -0.14 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 20 ft. to 35 ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft. GRAVEL PACK INTERVALS: From 18 ft. to 35 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 18 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? ~110 ft

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	0.4	Asphalt			
0.4	2	Silty clay with trace sand and gravel			
2	3.5	Silty clay			
3.5	6	Shaley clay			
6	8	Fine grained sandstone			
8	17.5	Silty clay			
17.5	35	Coarse grained sand			

Notes: KDHE ID: Don's 66: U6-026-00659 Target of monitoring well is shallow groundwater. <20' of grout was installed at the direction of KDHE.

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) 5/2/17 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) 7/12/17 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, GW 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

June 28, 2017

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

RE: Project No. 1706MN1175

Jessica:

The following is the information requested on a Monitoring Well Site, Don's 66, 1302 Main, Hays, Ellis County, Kansas.

Point	North Coord.	East Coord.	Distance SE Cor. North	From S.33 West	Elev. Top Of Rim or PK Nail	Elev. Top of PVC Pipe	Latitude North	Longitude West
SE Corner S.33-T13S-R18W	10000	10000						
MW3R	10808.29	6854.47	808.29	3145.53	1995.62	1995.39	38.87324	99.32893
MW4R	10936.28	6772.14	936.28	3227.86	1997.83	1997.53	38.87360	99.32922
MW10	10955.89	6879.03	955.89	3120.97	1996.75	1996.55	38.87365	99.32884
MW11	10900.31	6849.51	900.31	3150.49	1996.31	1996.17	38.87350	99.32894
Site BM	10926.69	6750.67	926.69	3249.33		BM Elevation = 1998.23		

BM Description: "□" cut on top of curb at northeast quadrant of intersection of 13th and Main.

MW3R, MW4R, MW10, MW11 is in the: SW¼ NE¼ SE¼ SW¼ S.33-T13S-R18W

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

Sincerely,



Tim Sloan, L.S.
 SMH CONSULTANTS

RECEIVED
 JUL 20 2017
 BUREAU OF WATER