

**WATER WELL RECORD**

**Form WWC-5**

Division of Water  
Resources App. No.

Well ID

**MW3R**

Original Record  Correction  Change in Well Use

<p><b>1 LOCATION OF WATER WELL:</b> County Ellis</p>	<p>Fraction SW ¼ NE ¼ SE ¼ SW ¼</p>	<p>Section Number 33</p>	<p>Township Number T 13 S</p>	<p>Range Number R 18 <input type="checkbox"/> E <input checked="" type="checkbox"/> W</p>
<p><b>2 WELL OWNER: Last Name:</b> First: _____ Business: E.H. Janzen Address: 2608A Augusta Ln. Address: _____ City: Hays State: KS ZIP: 67601</p>		<p>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"/> 108 E 13th St, Hays, KS</p>		
<p><b>3 LOCATE WELL WITH "X" IN SECTION BOX:</b></p> <div style="text-align: center;"> </div>	<p><b>4 DEPTH OF COMPLETED WELL:</b> 35 ft Depth(s) Groundwater Encountered: 1) _____ ft 2) _____ ft 3) _____ ft. or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: 23.35 ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) 5/2/2017 <input type="checkbox"/> 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</p>		<p><b>5 Latitude:</b> 38.87324 (decimal degrees) <b>Longitude:</b> 99.32893 (decimal degrees) Horizontal Datum: <input checked="" type="checkbox"/> WGS 84 <input type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: <input type="checkbox"/> GPS (unit make/model: _____) (WAAS enabled? <input type="checkbox"/> Yes <input type="checkbox"/> No) <input checked="" type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper</p>	
<p><b>6 Elevation:</b> 1995.39 ft <input type="checkbox"/> Ground Level <input checked="" type="checkbox"/> TOC Source: <input checked="" type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input type="checkbox"/> Other _____</p>				

**7 WELL WATER TO BE USED AS:**

<p>1 Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn &amp; Garden <input type="checkbox"/> Livestock 2 Irrigation 3 Feedlot 4 Industrial</p>	<p>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 checked="" type="checkbox"/> Monitoring: well ID <b>MW3R</b> 9 Environmental Remediation: well ID <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extractor <input type="checkbox"/> Recovery <input type="checkbox"/> Injection</p>	<p>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 <input type="checkbox"/> Other (specify): _____</p>
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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 20 ft. Diameter \_\_\_\_\_ in. to \_\_\_\_\_ ft. Diameter \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
Casing height above land surface -0.23 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:**

<input type="checkbox"/> Septic Tank	<input type="checkbox"/> Lateral Lines	<input type="checkbox"/> Pit Privy	<input type="checkbox"/> Livestock Pens	<input type="checkbox"/> Insecticide Storage
<input type="checkbox"/> Sewer Lines	<input type="checkbox"/> Cess Pool	<input type="checkbox"/> Sewage Lagoon	<input checked="" type="checkbox"/> Fuel Storage	<input type="checkbox"/> Abandoned Water Well
<input type="checkbox"/> Watertight Sewer Lines	<input type="checkbox"/> Seepage Pit	<input type="checkbox"/> Feedyard	<input type="checkbox"/> Fertilizer Storage	<input type="checkbox"/> Oil Well / Gas Well
<input type="checkbox"/> Other (Specify) _____				

Direction from well? N-NW Distance from well? ~180 ft

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	0.4	Concrete			
0.4	2	Silty clay with trace sand and gravel			
2	15	Silty clay			
15	18	Fine grained sand			
18	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 \_\_\_\_\_

# SMH CONSULTANTS

June 28, 2017

Larsen & Associates, Inc.  
 Jessica Chapman  
 1311 East 25<sup>th</sup> 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 13<sup>th</sup> 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