WATER WELL RECORD Form WWC-5

Division of Water Resources App. No. | Well ID **MW15**

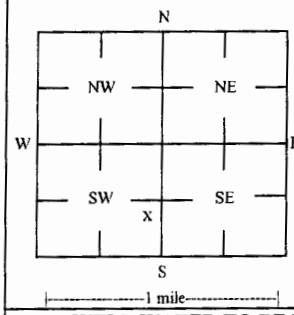
☐ Original Record ☒ Correction ☐ Change in Well Ust

1 LOCATION OF WATER WELL: County Ellis | Fraction SW ¼ NE ¼ SE ¼ SW ¼ | Section Number 33 | Township Number T 13 S | Range Number R 18 ☐ E ☒ W

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

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: ☐
1200 Main St., Hays, KS

3 LOCATE WELL WITH "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL: 35 ft
Depth(s) Groundwater Encountered: 1) ft 2) ft 3) ft, or 4) ☐ Dry Well
WELL'S STATIC WATER LEVEL: 22.88 ft.
☒ below land surface, measured on (mo-day-yr) 11/3/2017
☐ 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: 38.87300 (decimal degrees)
Longitude 99.32937 (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 1996.06 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 **MW15**
9 Environmental Remediation: well ID ☐ Air Sparge ☐ Soil Vapor Extractior ☐ 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 ☐ Clampled ☐ Welded ☒ Threaded
Casing diameter 2 in. to 20 ft, Diameter in. to ft, Diameter in. to ft,
Casing height above land surface -0.32 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: 0-1'
Grout intervals: From 1 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 (Specity)
Direction from well? NW Distance from well? ~250 ft

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	0.4	Concrete			
0.4	0.8	Coarse fill sand			
0.8	15	Silty clay			
15	35	Fine 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) 11/2/17 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) 11/28/17
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, GWIS 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.

Visit us at http://www.kdheks.gov/waterwell/index.html KSA 82a-1212 **Revised 7/10/2015**

Revised

SMH CONSULTANTS

November 09, 2016

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

RE: Project No. 1711MN1324

Dear 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						
MW5R	10748.97	6967.62	748.97	3032.38	1994.83	1994.52	38.87308	99.32853
MW12	11067.22	6757.68	1067.22	3242.32	1997.72	1997.47	38.87396	99.32926
MW13	10903.84	6601.19	903.84	3398.81	2001.98	2001.69	38.87351	99.32982
MW14	10854.35	6935.21	854.35	3064.79	1995.45	1995.07	38.87337	99.32864
MW15	10717.37	6729.19	717.37	3270.81	1996.38	1996.06	38.87300	99.32937
Site BM	10926.69	6750.67	926.69	3249.33		BM Elevation = 1998.23		

BM Description:

MW5R, MW14, MW15 are in the:	SW¼ NE¼ SE¼ SW¼ S.33-T13S-R18W
MW2 is in the:	NW¼ NE¼ SE¼ SW¼ S.33-T13S-R18W
MW13 is in the:	SE¼ NW¼ SE¼ SW¼ S.33-T13S-R18W

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

Sincerely,

TIM SLOAN REGISTERED 12/8/2017 LS-783 KANSAS LAND SURVEYOR

Tim Sloan, L.S.
SMH CONSULTANTS

RECEIVED
FEB 07 2018
BUREAU OF WATER

Revised: December 08, 2017