

WATER WELL RECORD

Form WWC-5

Original Record Correction Change in Well Use

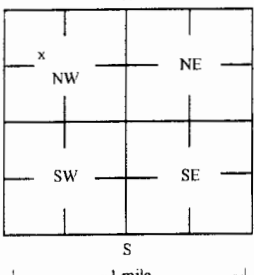
Division of Water Resources App. No.

Well ID

MW9

1 LOCATION OF WATER WELL: County Butler	Fraction NW ¼ SE ¼ NW ¼ NW ¼	Section Number 27	Township Number T 27 S	Range Number R 4 <input checked="" type="checkbox"/> E <input type="checkbox"/> W
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2 WELL OWNER: Last Name: Business: KDHE Address: 1000 SW Jackson Blvd Address: City Topeka State: KS ZIP: 66046	First: Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 715 W 7th St., Augusta, KS If at owner's address, check here: <input type="checkbox"/>
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3 LOCATE WELL WITH "X" IN SECTION BOX: 	4 DEPTH OF COMPLETED WELL: 25 ft Depth(s) Groundwater Encountered: 1) _____ ft 2) _____ ft 3) _____ ft, or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: 11.07 ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) 7/21/17 <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	5 Latitude: 37.67745 (decimal degrees) Longitude 96.98751 (decimal degrees) Horizontal Datum: <input 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
		6 Elevation 1224.1 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 _____

7 WELL WATER TO BE USED AS:		
1 Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock <input type="checkbox"/> Irrigation <input type="checkbox"/> Feedlot <input type="checkbox"/> Industrial	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 MW9 9 Environmental Remediation: well ID _____ <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extractor <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	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): _____

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 **10** 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 **10** ft. to **25** ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From **8** ft. to **25** 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 **8** 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? **NE** Distance from well? **~580** ft

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	0.4	Concrete			
0.4	5.5	Fill, shale			
5.5	21	Silty clay			
21	25	Sandy clay			

Notes: KDHE ID: Herbert Phillips Property
 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) **7/20/17** 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) **8/13/17**
 under the business name of **Larsen & Associates, Inc.** Signature _____

DENNIS L HANDKE

1820 NW 59th Terrace
TOPEKA, KANSAS 66618
785-286-4047 Home
785-286-1990 Fax

Jess Chapman
Larsen & Assoc.
1311 E. 25th St., Suite B
Topeka, Kansas 66046

August 3, 2017

RECEIVED

SEP 01 2017

BUREAU OF WATER

RE: Monitor Well Elevation Survey
715 W. 7th St., Augusta, Kansas

Proj. 17-00X
Herbert Phillips Property
KDHE ID U2-008-14368

Bench Mark: Square cut on NW corner of concrete signal light sign base at the NE Corner of property.
Elev.: 1224.71 North 5245 West 4338 (from SE Cor. Sec. 27-27-4E)

MW-1	rim	1224.90	North 5109	NW1/4,NE1/4,NW1/4,NW1/4
	top pipe	1224.48	West 4378	Lat = 37.67889 Long = 96.98666
MW-2	rim	1224.67	North 5140	NW1/4,NE1/4,NW1/4,NW1/4
	top pipe	1224.33	West 4520	Lat = 37.67897 Long = 96.98713
MW-3	rim	1226.08	North 5191	NW1/4,NE1/4,NW1/4,NW1/4
	top pipe	1225.39	West 4349	Lat = 37.67911 Long = 96.98656
MW-4	rim	1223.31	North 5225	NE1/4,NE1/4,NW1/4,NW1/4
	top pipe	1222.97	West 4245	Lat = 37.67921 Long = 96.98620
MW-5	rim	1224.78	North 4990	NW1/4,NE1/4,NW1/4,NW1/4
	top pipe	1224.41	West 4352	Lat = 37.67856 Long = 96.98657
MW-6	rim	1224.98	North 4981	NW1/4,NE1/4,NW1/4,NW1/4
	top pipe	1224.64	West 4514	Lat = 37.67854 Long = 96.98713
MW-7	rim	1225.19	North 5212	NE1/4,NW1/4,NW1/4,NW1/4
	top pipe	1224.76	West 4564	Lat = 37.67917 Long = 96.98730
MW-8	rim	1223.33	North 5068	NE1/4,NW1/4,NW1/4,NW1/4
	top pipe	1222.89	West 4690	Lat = 37.67878 Long = 96.98773
MW-9	rim	1224.39	South 4585	NW1/4,SE1/4,NW1/4,NW1/4
	top pipe	1224.10	West 4626	Lat = 37.67745 Long = 96.98751

Lat & Long derived from Augusta 7.5' quad map. WGS84.

Elevation derived from USGS BM X-39 NAVD 88.

If you have any questions, please feel free to call me. Thank you for the opportunity to be of service to you.

August 3, 2017
Dennis L Handke, RLS
LS-786

Dennis L Handke
KANSAS
LAND SURVEYOR