

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

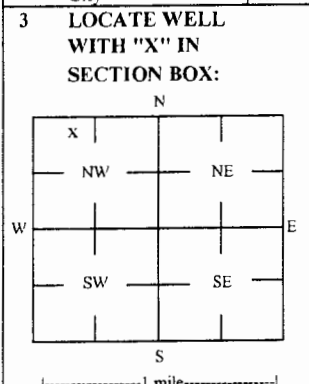
Well ID

MW8

Original Record Correction Change in Well Ust

1 LOCATION OF WATER WELL: County Butler Fraction NE 1/4 NW 1/4 NW 1/4 NW 1/4 Section Number 27 Township Number T 27 S Range Number R 4 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: KDHE Address: 1000 SW Jackson Blvd Address: 715 W 7th St., Augusta, KS City: Topeka State: KS ZIP: 66046



4 DEPTH OF COMPLETED WELL: 20 ft Depth(s) Groundwater Encountered: 1) 2) 3) 4) Dry Well WELL'S STATIC WATER LEVEL: 11.09 ft. X below land surface, measured on (mo-day-yr) 7/21/17

5 Latitude: 37.67878 (decimal degrees) Longitude: 96.98773 (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: 1222.89 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 2 Public Water Supply: well ID 3 Dewatering: how many wells? 4 Aquifer Recharge: well ID 5 Monitoring: well ID MW8 6 Environmental Remediation: well ID 7 Air Sparge Soil Vapor Extractor Recovery Injection 8 Oil Field Water Supply: lease 9 Test Hole: well ID 10 Cased Uncased Geotechnical 11 Geothermal: How many bores? 12 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 X No If yes, date sample was submitted: Water well disinfected? Yes No X No

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded X Threaded Casing diameter 2 in. to 10 ft. Diameter in. to ft. Diameter in. to ft. Casing height above land surface -0.44 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 10 ft. to 20 ft. From ft. to ft. From ft. to ft. GRAVEL PACK INTERVALS: From 8 ft. to 20 ft. From ft. to ft. From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout X Bentonite X 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: 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? E-NE Distance from well? ~320 ft

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include 0-0.4 Concrete, 0.4-4 Fill. shale, 4-20 Silty 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 X constructed, reconstructed or plugged under my jurisdiction and was completed on (mo-day-year) 7/19/17 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

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, GWTS 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.

DENNIS L HANDKE

1820 NW 59th Terrace
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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

