

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

Well ID

MW3

Original Record Correction Change in Well Ust

1 LOCATION OF WATER WELL: County Butler Fraction NW 1/4 NE 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: Business: KDHE Address: 1000 SW Jackson Blvd City Topeka State: KS ZIP: 66046 Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 715 W 7th St., Augusta, KS

3 LOCATE WELL WITH 'X' IN SECTION BOX: N NW NE SW SE S

4 DEPTH OF COMPLETED WELL: 25 ft Depth(s) Groundwater Encountered: 1) 25 ft 2) 3) 4) Dry Well WELLS STATIC WATER LEVEL: 13.51 ft below land surface, measured on (mo-day-yr) 7/21/17

5 Latitude: 37.67911 (decimal degrees) Longitude: 96.98656 (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 1225.39 ft Ground Level TOC Source Land Survey GPS Topographic Map Other

7 WELL WATER TO BE USED AS: 1 Domestic: Household Lawn & Garden Livestock Irrigation Feedlot Industrial 5 Public Water Supply: well ID 6 Dewatering: how many wells? 7 Aquifer Recharge: well ID 8 Monitoring: well ID MW3 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 10 ft. Diameter in. to ft. Diameter in. to ft. Casing height above land surface -0.69 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: 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? S Distance from well? ~65 ft

10 FROM TO LITHOLOGIC LOG FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS

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) 7/18/17 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

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

August 3, 2017 RECEIVED

SEP 01 2017

BUREAU OF WATER

RE: Monitor Well Elevation Survey  
715 W. 7<sup>th</sup> 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