

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

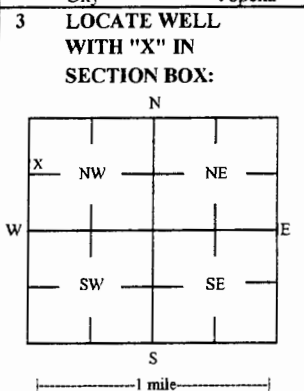
Well ID

MW3

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County Crawford Fraction NW 1/4 SW 1/4 NW 1/4 NE 1/4 Section Number 29 Township Number T 30 S Range Number R 25 E W

2 WELL OWNER: Last Name: Business: KDHE Address: 1000 SW Jackson Blvd City: Topeka State: KS ZIP: 66012 Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 112 N Broadway, Pittsburg, KS



4 DEPTH OF COMPLETED WELL: 14.9 ft Depth(s) Groundwater Encountered: 1) 14.9 ft 2) ft 3) ft or 4) Dry Well WELL'S STATIC WATER LEVEL: 4.19 ft X below land surface, measured on (mo-day-yr) 12/29/16

5 Latitude: 37.40851 (decimal degrees) Longitude: 94.70465 (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 935.76 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 MW3 6 Environmental Remediation: well ID 7 Air Sparge 8 Soil Vapor Extractor 9 Recovery 10 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 X No If yes, date sample was submitted: Water well disinfected? Yes X No

8 TYPE OF CASING USED: Steel X PVC Other CASING JOINTS: Glued Clamped Welded X Threaded Casing diameter 2 in. to 4.9 ft, Diameter in. to ft, Diameter in. to ft, Casing height above land surface -0.35 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 4.9 ft. to 14.9 ft, From ft. to ft, From ft. to ft, GRAVEL PACK INTERVALS: From 4 ft. to 15.5 ft, From ft. to ft, From ft. to ft,

9 GROUT MATERIAL: Neat cement Cement grout X Bentonite X Other Concrete: 0-0.5' Grout intervals: From 0.5 ft. to 4 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? N Distance from well? ~90 ft

Table with 6 columns: 10 FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include Asphalt & Concrete, Silty clay w/ coal, Fatty clay, Weathered claystone/shale, Shale.

Notes: KDHE ID: Dobbs Parts & Service; U3-019-14894 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) 11/30/16 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) 12/30/16 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

Jesse Chapman
Larsen & Assoc.
1311 E. 25th St., Suite B
Lawrence, Kansas, 66046

December 23, 2016

RE: Monitor Well Elevation Survey
122 N. Broadway, Pittsburg, Kansas

Proj. 16-00BB
KDHE ID# U3-019-14894
Dobbs Parts & Service

Bench Mark: Square cut on North end of concrete retaining wall at Northwest corner of the building.
Elev: 938.89 North 4469 West 5183 (from SE Cor. Sec. 29-30-25E)

MW-1	rim	937.67	North 4431	NW1/4,SW1/4,NW1/4,NW1/4
	top pipe	937.39	West 5207	Lat = 37.40876 Long = 94.70463
MW-2	rim	936.77	North 4372	NW1/4,SW1/4,NW1/4,NW1/4
	top pipe	936.24	West 5124	Lat = 37.40859 Long = 94.70435
MW-3	rim	936.11	North 4342	NW1/4,SW1/4,NW1/4,NW1/4
	top pipe	935.76	West 5211	Lat = 37.40851 Long = 94.70465
MW-4	rim	939.42	North 4517	NW1/4,SW1/4,NW1/4,NW1/4
	top pipe	938.99	West 5215	Lat = 37.40899 Long = 94.70465
MW-5	rim	938.45	North 4517	NW1/4,SW1/4,NW1/4,NW1/4
	top pipe	938.10	West 5063	Lat = 37.40898 Long = 94.70413

Lat & Long derived from the Pittsburg 7.5 minute Quad map, WGS84

Elevation derived from USGS BM Z244 (Z224) "1935". NAVD 88

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

