

WATER WELL RECORD Form WWC-5

Original Record Correction Change in Well Use

Division of Water Resources App. No.

Well ID

MW-16

1 LOCATION OF WATER WELL: County: Wyandotte Fraction 1/4 SE 1/4 SE 1/4 SW 1/4 Section Number 13 Township Number T 10 S Range Number R 24 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: Kansas City BPU Nearman Creek Power Station Address: 4240 North 55th Street City: Kansas City State: KS ZIP: 66104

3 LOCATE WELL WITH "X" IN SECTION BOX: N W E S 1 mile

4 DEPTH OF COMPLETED WELL: 30 ft. Depth(s) Groundwater Encountered: 1) 12 ft. 2) N/A ft. 3) N/A ft. or 4) Dry Well WELL'S STATIC WATER LEVEL: 13.78 ft. below land surface, measured on (mo-day-yr) 11-15-18. Pump test data: Well water was N/A ft. after N/A hours pumping N/A gpm Well water was N/A ft. after N/A hours pumping N/A gpm Estimated Yield: N/A gpm Bore Hole Diameter: 8.25 in. to 30 ft. and N/A in. to N/A ft.

5 Latitude: 39.172525 (decimal degrees) Longitude: 94.687016 (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: Google Earth

6 Elevation: 752 ft. Ground Level TOC Source: Land Survey GPS Topographic Map Other: Google Earth

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 MW-16 6. Environmental Remediation: well ID Air Sparge Soil Vapor Extraction Recovery Injection 7. Oil Field Water Supply: lease 8. Test Hole: well ID Cased Uncased Geotechnical 9. Geothermal: how many bores? a) Closed Loop Horizontal Vertical b) Open Loop Surface Discharge Inj. of Water 10. Other (specify):

Was a chemical/bacteriological sample submitted to KDHE? Yes No If yes, date sample was submitted: N/A Water well disinfected? Yes No

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded Casing diameter 2 in. to 25 ft., Diameter N/A in. to N/A ft., Diameter N/A in. to N/A ft. Casing height above land surface 30 in. Weight N/A lbs./ft. Wall thickness or gauge No. Sch. 40

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 25 ft. to 30 ft., From N/A ft. to N/A ft., From N/A ft. to N/A ft. GRAVEL PACK INTERVALS: From 22 ft. to 30 ft., From N/A ft. to N/A ft., From N/A ft. to N/A ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Bentonite 19 to 22, slurry grout 2 to 19 Grout Intervals: From 8 ft. to 11 ft., From N/A ft. to N/A ft., From N/A ft. to N/A 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) Ash Pond Direction from well? West Distance from well? 1200 ft.

Table with columns: 10 FROM TO LITHOLOGIC LOG FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS. Includes a 'Notes' section.

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) 11-15-2018 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 759 This Water Well Record was completed on (mo-day-year) 11-24-2018 under the business name of RAZEK Environmental, LLC Signature [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. Visit us at http://www.kdheks.gov/waterwell/index.html KSA 82a-1212 Revised 7/10/2015

Wyandotte

SE SE SW

13-10-24

Drilling Log

Project Name <i>KC BRD WINDMILL</i>		Project Number <i>88777</i>		Boring Number <i>MW-16</i>	
Ground Elevation		Location <i>KCIC</i>		Page <i>1 of 2</i>	
Air Monitoring Equipment				Total Footage	
Drilling Type <i>Direct Push USA</i>	Hole Size <i>8"</i>	Overburden Footage	Bedrock Footage	No. of Samples	No. of Core Boxes
Drilling Company <i>RAZGIC</i>			Driller(s) <i>Tony Parker, Greg Cook</i>		
Drilling Rig <i>Geopole 7822AT</i>			Type of Sampler <i>Macro core</i>		
Date <i>11-15-18</i>		To <i>11-15-18</i>		Field Observer(s) <i>Kevin Borker</i>	

Depth (feet)	Description	Class	Blow Count	Recov.	Run/Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
1	<i>21A-1, 10-12 3/31 medium sand, moist loose,</i>			<i>25 5</i>						
3	<i>Silt, 10-12 5/3, damp, soft</i>									
5				<i>094</i>	<i>0941</i>					
6				<i>35 4</i>						
8	<i>SAND, 10-12 6/31 very fine sand, some silt, damp, loose</i>									
10				<i>0943</i>	<i>0947</i>					
11	<i>wet at 12'</i>			<i>4 5</i>						
12	<i>CLAY, some silt, 10-12 7/11 soft moist, medium plastic</i>									
14	<i>some fine sand, some silt, 10-12 8/11 moist, loose</i>									

BZ=Breathing Zone BH=Bore Hole S=Sample

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Wyandotte

SE SE SW

13-10-24

Drilling Log Continuation

Boring Number MW-16

Project Name KC BPU NE RUMAN CREEK

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Project Number 88777

Date 11-15-8

Depth (feet)	Description	Class	Blow Count	Recov.	Run/Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
15	SAND, fine sandy, somewhat, 10% clay, mostly loose									
16										
17	Silt, fine sand, wet soft,									
18										
19	SAND, 10% clay, will gradually									
20	fine to coarse, gravel, wet									
21	SAND fine to medium sandy, 10% clay, wet, loose & trace wood, trace charcoal.									
22										
23										
24										
25										
26										
27										
28										
29										
30										
31	203-30657									
32										

BZ=Breathing Zone BH=Bore Hole S=Sample



051801 Form WCD-KC-2-2