

# WATER WELL RECORD Form WWC-5

Division of Water  
Resources App. No.

Well ID

NK MW 15

☒ Original Record ☐ Correction ☐ Change in Well Use

<b>1 LOCATION OF WATER WELL:</b> County: <b>Sedgwick</b>	Fraction NW ¼ NE ¼ NE ¼ NE ¼	Section Number <b>1</b>	Township Number <b>T 28 S</b>	Range Number <b>R 1 E W</b>
---	---------------------------------	----------------------------	----------------------------------	--------------------------------

<b>2 WELL OWNER:</b> Last Name: <b>KDHE - BER Curtis State Office Building</b> Address: <b>1000 SW Jackson St., Suite 410</b> City: <b>Topeka</b> State: <b>KS</b> ZIP: <b>66612-1367</b>	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: <input type="checkbox"/> <b>KDHE - West Pawnee Site</b> <b>2559 West Pawnee, Wichita, KS</b>
---	---

<b>3 LOCATE WELL WITH "X" IN SECTION BOX:</b> N W E S 1 mile	<b>4 DEPTH OF COMPLETED WELL:</b> <b>20</b> ft. Depth(s) Groundwater Encountered: 1) <b>7.5</b> ft. 2) <b>N/A</b> ft. 3) <b>N/A</b> ft. or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: <b>7.81</b> ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) <b>9-12-16</b> <input type="checkbox"/> above land surface, measured on (mo-day-yr) <b>9-12-16</b> Pump test data: Well water was <b>N/A</b> ft. after <b>N/A</b> hours pumping <b>N/A</b> gpm Well water was <b>N/A</b> ft. after <b>N/A</b> hours pumping <b>N/A</b> gpm Estimated Yield: <b>N/A</b> gpm Bore Hole Diameter: <b>8.25</b> in. to <b>20</b> ft. and <b>N/A</b> in. to <b>N/A</b> ft.	<b>5 Latitude:</b> <b>37.65124</b> (decimal degrees) <b>Longitude:</b> <b>-97.37235</b> (decimal degrees) Horizontal Datum: <input type="checkbox"/> WGS 84 <input checked="" 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:
		<b>6 Elevation:</b> <b>1290.17</b> ft. <input checked="" type="checkbox"/> Ground Level <input type="checkbox"/> TOC Source: <input checked="" type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input type="checkbox"/> Other Top of manhole cover bolt

<b>7 WELL WATER TO BE USED AS:</b>		
1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock 2. <input type="checkbox"/> Irrigation 3. <input type="checkbox"/> Feedlot 4. <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 <b>NKMW-1S</b> 9. Environmental Remediation: well ID <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <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 13. <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 **N/A** in. to **N/A** ft., Diameter **N/A** in. to **N/A** ft.  
Casing height above land surface **0** 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 **10** ft. to **20** ft., From **N/A** ft. to **N/A** ft., From **N/A** ft. to **N/A** ft.  
**GRAVEL PACK INTERVALS:** From **8** ft. to **20** 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 **Concrete 0 to 2 feet**  
Grout Intervals: From **2** ft. to **8** 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) **Chlorinated solvents**  
Direction from well? Distance from well? ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	0.5	Silt			
0.5	12	Clay			
12	20	Sand			

**Notes:**

**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) **9-1-2016** 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) **10-26-2016** under the business name of **RAZEK Environmental, LLC** Signature *[Signature]*

Burns & McDonnell  
9400 Ward Parkway  
Kansas City, MO 64114

October 6, 2016  
Job # 16-09-240  
Page 1 of 5

**SURVEYING OF MONITORING WELLS  
KDHE - West Pawnee Site - 93671  
2559 W. Pawnee  
WICHITA, SEDGWICK COUNTY, KANSAS**

The above site is located in Section 1 of T28S, R1W & Sections 5 & 6 of T28S, R1E of the Sixth Principal Meridian, Sedgwick County, Kansas.

Horizontal Coordinates are in Nad83 State Plane Kansas South Zone 1502.  
Coordinates are derived from the City of Wichita CORS Network.

Vertical Control #1: COW Brass Disk located in the East Right-of-Way of Meridian Ave. and the North Right-of-Way of 27th St. South NGVD29 Datum Elevation of 1287.02'....Utilizing NGS's "VERTCON" elevations were adjusted to NAVD88 Datum elevation of 1287.49'

Vertical Control #2: COW Brass Disk located on the Hubguard at the Southwest corner of the bridge over the Arkansas River on Pawnee Ave NGVD29 Datum Elevation of 1292.27'....Utilizing NGS's "VERTCON" elevations were adjusted to NAVD88 Datum elevation of 1292.74'

The coordinates and elevations for the requested wells are listed on the following page of this report.



Brian L. Peltier  
Kansas PS#1517

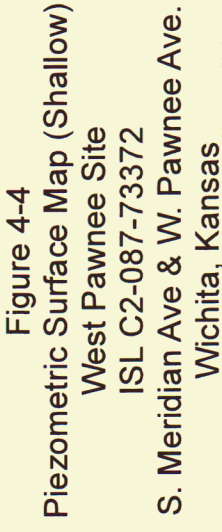
**SURVEYING OF MONITORING WELLS  
KDHE - West Pawnee Site - 93671  
2559 W. Pawnee  
WICHITA, SEDGWICK COUNTY, KANSAS**

<b>Well ID</b>	<b>NORTHING (NAD83 KS S) Latitude DD</b>	<b>EASTING (NAD83 KS S) Longitude DD</b>	<b>ELEV (NAVD88)</b>	
Site BM #1 City Brass Disk	1670256.59 N37.64421	1639299.19 W97.37069	1287.49	Site Control
Site BM #2 City Brass Disk	1672995.97 N37.65150	1646064.63 W97.34721	1292.74	Site Control
NKMW-01S	1672811.37 N37.65124	1638789.04 W97.37235	1289.87 1290.17	TOC Bolt
NKMW-01I	1672811.10 N37.65124	1638784.85 W97.37236	1289.75 1290.18	TOC Bolt
NKMW-01D	1672810.97 N37.65124	1638780.31 W97.37238	1289.97 1290.24	TOC Bolt
NKMW-02S	1672584.27 N37.65060	1639262.63 W97.37072	1289.55 1289.95	TOC Bolt
NKMW-02I	1672580.83 N37.65059	1639262.46 W97.37072	1289.60 1289.97	TOC Bolt
NKMW-02D	1672576.95 N37.65058	1639261.69 W97.37073	1289.56 1290.02	TOC Bolt
NKMW-03S	1672227.57 N37.64960	1639854.76 W97.36869	1288.11 1288.46	TOC Bolt
NKMW-03D	1672232.45 N37.64961	1639854.71 W97.36869	1288.14 1288.41	TOC Bolt



DRAFT

**Issued: October, 13 2016**



Source: ESRI and Burns & McDonnell Engineering.