

**WATER WELL RECORD Form WWC-5**

Original Record  Correction  Change in Well Use

Division of Water Resources App. No.

Well ID **NKMW 07D**

<b>1 LOCATION OF WATER WELL:</b> County: Sedgwick	Fraction SE ¼ NW ¼ SE ¼ NW ¼	Section Number 6	Township Number T 28 S	Range Number R 1 <input checked="" type="checkbox"/> E <input type="checkbox"/> W
--	---------------------------------	---------------------	---------------------------	--

**2 WELL OWNER:** Last Name: First:  
 Business: **KDHE - BER Curtis State Building**  
 Address: **1000 SW Jackson St., Suite 410**  
 Address:  
 City: Topeka State: Ks. ZIP: 66612-1367  
 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:   
 Approximately **200'** E of intersection of S. Hiram St. & W. Greenfield St. on N. side of Greenfield

**3 LOCATE WELL WITH "X" IN SECTION BOX:**  
N

NW	NE
SW	SE

S

----- 1 mile -----

**4 DEPTH OF COMPLETED WELL:** ..... 46 ..... ft.  
 Depth(s) Groundwater Encountered: 1) ..... ft.  
 2) ..... ft. 3) ..... ft., or 4)  Dry Well  
 WELL'S STATIC WATER LEVEL: ..... 5.71 ..... ft.  
 below land surface, measured on (mo-day-yr) ..... 9-12-16  
 above land surface, measured on (mo-day-yr) .....  
 Pump test data: Well water was ..... ft.  
 after ..... hours pumping ..... gpm  
 Well water was ..... ft.  
 after ..... hours pumping ..... gpm  
 Estimated Yield: ..... gpm  
 Bore Hole Diameter: 8.75 in. to 46 ft. and  
 ..... in. to ..... ft.

**5 Latitude:** ..... N37.64624 ..... (decimal degrees)  
**Longitude:** ..... W97.36460 ..... (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:** 1286.64 ..... ft.  Ground Level  TOC  
 Source:  Land Survey  GPS  Topographic Map  
 Other .....

**7 WELL WATER TO BE USED AS:**

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 <u>NKMW-07D</u> 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.  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  
 13.  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 35.76 ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.  
 Casing height above land surface ..... 0 in. Weight ..... 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 35.76 ft. to 45.76 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
 GRAVEL PACK INTERVALS: From 33 ft. to 46 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

**9 GROUT MATERIAL:**  Neat cement  Cement grout  Bentonite  Other .....  
 Grout Intervals: From 0 ft. to 33 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? ..... Distance from well? ..... ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	1	Silt, dark gray, damp, with clay			
1	12	Clay, gray brown, damp, soft			
12	25	Sand, dark gray, fine to medium, wet			
25	46	Sand, gray brown, fine to coarse, wet			
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) 9-2-2016 ..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 604 ..... This Water Well Record was completed on (mo-day-year) 11.18.16 ..... under the business name of Environmental Priority Service, Inc. Signature P. A. M. C.



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



Burns & McDonnell  
9400 Ward Parkway  
Kansas City, MO 64114

October 6, 2016  
Job # 16-09-240  
Page 3 of 5

**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>	
NKMW-04S	1672074.76 N37.64918	1639837.66 W97.36876	1288.69 1289.06	TOC Bolt
NKMW-04D	1672074.93 N37.64918	1639842.52 W97.36874	1288.56 1288.96	TOC Bolt
NKMW-05S	1672037.73 N37.64909	1639638.21 W97.36945	1288.70 1289.00	TOC Hex Bolt
NKMW-05D	1672037.78 N37.64909	1639633.62 W97.36946	1288.66 1288.92	TOC Hex Bolt
NKMW-06S	1671271.63 N37.64693	1641180.74 W97.36415	1286.67 1286.99	TOC Bolt
NKMW-06D	1671268.92 N37.64692	1641182.44 W97.36415	1286.72 1287.01	TOC Bolt
NKMW-07S	1671021.53 N37.64625	1641051.65 W97.36461	1286.67 1287.07	TOC Bolt
NKMW-07D	1671019.35 N37.64624	1641054.20 W97.36460	1286.64 1287.08	TOC Bolt
NKMW-08S	1671075.81 N37.64640	1640869.03 W97.36524	1286.28 1286.56	TOC Bolt

Sec. 6 T28S R1E  
 Sec. 1 T28S R1W

DRAFT

Path: \\bmod\dfs\clients\EN\KDH\93671\_WestPawnee\C\Studies\Geospatial\ArcDocs\Figure4\_5\_Piezo\_Deep\_Wells\_Map\_103.mxd  
 COPYRIGHT © 2015 BURNS & McDONNELL ENGINEERING COMPANY, INC.



<p><b>Legend</b></p> <ul style="list-style-type: none"> <li>⬮ West Pawnee Monitoring Well</li> <li>⬮ Air Capitol Monitoring Well</li> <li>⬮ LUST Monitoring Well</li> <li>⬮ Ice Masters Monitoring Well</li> <li>➔ Groundwater Flow Direction</li> <li>1281 Piezometric Contour</li> </ul>	<p>0 250 500 Feet</p> <p>N</p> <p>Source: ESRI and Burns &amp; McDonnell Engineering.</p>		<p>Figure 4-5          Piezometric Surface Map (Deep)          West Pawnee Site          ISL C2-087-73372          S. Meridian Ave &amp; W. Pawnee Ave.          Wichita, Kansas</p>
--	---	--	--

Issued: October, 13 2016