

WATER WELL RECORD Form WWC-5

Original Record Correction Change in Well Use

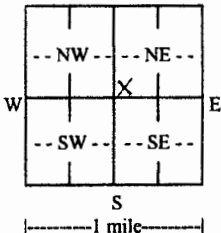
Division of Water Resources App. No.

Well ID

NKMW 11D

1 LOCATION OF WATER WELL: County: Sedgwick	Fraction SW ¼ SW ¼ SW ¼ NE ¼	Section Number 6	Township Number T 28 S	Range Number R 1 <input checked="" type="checkbox"/> E <input type="checkbox"/> W
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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: <input type="checkbox"/> Approximately 100' E. of intersection of W. Greenfield St. & S. Glenn Ave. on S. side of Greenfield
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3 LOCATE WELL WITH "X" IN SECTION BOX: N  S W E ----- 1 mile -----	4 DEPTH OF COMPLETED WELL: 43 ft. Depth(s) Groundwater Encountered: 1) ft. 2) ft. 3) ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: 6.04 ft. <input type="checkbox"/> below land surface, measured on (mo-day-yr) 9-12-16. <input type="checkbox"/> 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 43 ft. and in. to ft.	5 Latitude: N37.64506 (decimal degrees) Longitude: W97.36115 (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 type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper:
6 Elevation: 1285.45 ft. <input 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		

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 NKMW-11D 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):
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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 32.76 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 32.76 ft. to 42.76 ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 30 ft. to 43 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout Intervals: From 0 ft. to 30 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	10	Silty Clay, dark gray brown, damp			
10	20	Sandy clay, brown, wet			
20	40	Sand, dark yellow brown, fine to med. wet			
40	43	Sand, olive green, 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) 8-31-16 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: T.A. M.J.



Burns & McDonnell
9400 Ward Parkway
Kansas City, MO 64114

October 6, 2016
Job # 16-09-240
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**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



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 9400 Ward Parkway
 Kansas City, MO 64114

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SURVEYING OF MONITORING WELLS
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WICHITA, SEDGWICK COUNTY, KANSAS

Well ID	NORTHING (NAD83 KS S) Latitude DD	EASTING (NAD83 KS S) Longitude DD	ELEV (NAVD88)	
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

Merestone Surveying
 1641 N. Andover Rd
 Andover, KS 67002
 P: 316.425.7770 F: 316.425.7773
 www.merestoneks.com

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