

☒ Original Record ☐ Correction ☐ Change in Well Use

Well ID

NKMW 2S

1 LOCATION OF WATER WELL: County: Sedgwick		Fraction NW ¼ NW ¼ NW ¼ NW ¼	Section Number 6	Township Number T 28 S	Range Number R 1 E W	
2 WELL OWNER: Last Name: Business: KDHE - BER Curtis State Office Building Address: 1000 SW Jackson St., Suite 410 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"/> KDHE - West Pawnee Site 2559 West Pawnee, Wichita, KS			
3 LOCATE WELL WITH "X" IN SECTION BOX: N <div style="text-align: center;"><div style="display: inline-block; width: 100px; height: 100px; position: relative;"><div style="position: absolute; top: 0; left: 0;">NW NE</div><div style="position: absolute; bottom: 0; left: 0;">SW SE</div><div style="position: absolute; right: 0; top: 50%;">E</div><div style="position: absolute; left: 50%; transform: translate(-50%, 50%);">S</div></div><div style="margin-top: 5px;"> -----1 mile----- </div></div>		4 DEPTH OF COMPLETED WELL: 20 ft. Depth(s) Groundwater Encountered: 1) 7.5 ft. 2) N/A ft. 3) N/A ft., or 4) <input checked="" type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: 7.45 ft. <input checked="" 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 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 20 ft. and .. N/A in. to N/A ft.		5 Latitude: 37.65060(decimal degrees) Longitude: -97.37072(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: 6 Elevation: 1289.95ft. <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.....		
7 WELL WATER TO BE USED AS: 1. Domestic: 5. <input type="checkbox"/> Public Water Supply: well ID <input type="checkbox"/> Household 6. <input type="checkbox"/> Dewatering: how many wells? <input type="checkbox"/> Lawn & Garden 7. <input type="checkbox"/> Aquifer Recharge: well ID <input type="checkbox"/> Livestock 8. <input checked="" type="checkbox"/> Monitoring: well ID NKMW-2S 2. <input type="checkbox"/> Irrigation 9. Environmental Remediation: well ID 3. <input type="checkbox"/> Feedlot <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction 4. <input type="checkbox"/> Industrial <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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, date sample was submitted: Water well disinfected? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
8 TYPE OF CASING USED: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Other CASING JOINTS: <input type="checkbox"/> Glued <input type="checkbox"/> Clamped <input type="checkbox"/> Welded <input checked="" type="checkbox"/> Threaded Casing diameter 2 in. to 20 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: <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Fiberglass <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Other (Specify) <input type="checkbox"/> Brass <input type="checkbox"/> Galvanized Steel <input type="checkbox"/> Concrete tile <input type="checkbox"/> None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: <input type="checkbox"/> Continuous Slot <input checked="" type="checkbox"/> Mill Slot <input type="checkbox"/> Gauze Wrapped <input type="checkbox"/> Torch Cut <input type="checkbox"/> Drilled Holes <input type="checkbox"/> Other (Specify) <input type="checkbox"/> Louvered Shutter <input type="checkbox"/> Key Punched <input type="checkbox"/> Wire Wrapped <input type="checkbox"/> Saw Cut <input type="checkbox"/> 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: <input type="checkbox"/> Neat cement <input type="checkbox"/> Cement grout <input checked="" type="checkbox"/> Bentonite <input checked="" type="checkbox"/> 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: <input type="checkbox"/> Septic Tank <input type="checkbox"/> Lateral Lines <input type="checkbox"/> Pit Privy <input type="checkbox"/> Livestock Pens <input type="checkbox"/> Insecticide Storage <input type="checkbox"/> Sewer Lines <input type="checkbox"/> Cess Pool <input type="checkbox"/> Sewage Lagoon <input type="checkbox"/> Fuel Storage <input type="checkbox"/> Abandoned Water Well <input type="checkbox"/> Watertight Sewer Lines <input type="checkbox"/> Seepage Pit <input type="checkbox"/> Feedyard <input type="checkbox"/> Fertilizer Storage <input type="checkbox"/> Oil Well/Gas Well <input checked="" type="checkbox"/> Other (Specify) Chlorinated solvents..... Direction from well? Distance from well? ft.						
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 <input checked="" type="checkbox"/> constructed, <input type="checkbox"/> reconstructed, or <input type="checkbox"/> 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] 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						

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**

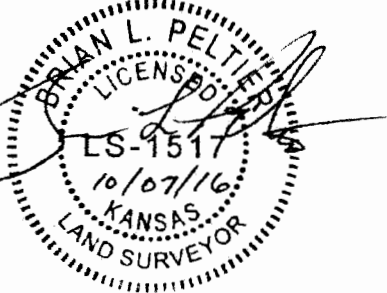
The above site is located in Section 1 of T28S, R1W & Sections 5 & 6 of T28S, R1E of the Sixth Principal Meridian, Sedgwick County, Kansas.

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**

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

Sec. 6 T28S R1E
Sec. 1 T28S R1W

DRAFT

Path: \\bmcd\dfs\Clients\ENV\KDH\93671_WestPawnee\GIS\Studies\Geospatial\ArcDocs\Figure4_4_Piezo_Shallow_Wells_Map_103.mxd
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Figure 4-4
Piezometric Surface Map (Shallow)
West Pawnee Site
ISL C2-087-73372
S. Meridian Ave & W. Pawnee Ave.
Wichita, Kansas



Source: ESRI and Burns & McDonnell Engineering.

- Legend**
- West Pawnee Monitoring Well
 - Air Capitol Monitoring Well
 - LUST Monitoring Well
 - Ice Masters Monitoring Well

Issued: October, 13 2016