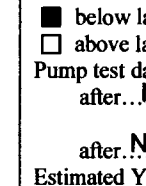


☒ Original Record ☐ Correction ☐ Change in Well Use

Well ID

NKMW 8 D

1 LOCATION OF WATER WELL: County: Sedgwick		Fraction SW ¼ NW ¼ SE ¼ NW ¼	Section Number 6	Township Number T 28 S	Range Number R 1 E W																																																															
2 WELL OWNER: Last Name: _____ First: _____ 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: ☐ KDHE - West Pawnee Site 2559 West Pawnee, Wichita, KS																																																																		
3 LOCATE WELL WITH "X" IN SECTION BOX: N  S -----1 mile-----	4 DEPTH OF COMPLETED WELL:46..... ft. Depth(s) Groundwater Encountered: 1)5..... ft. 2)N/A..... ft. 3)N/A..... ft., or 4) ☐ Dry Well WELL'S STATIC WATER LEVEL:5.10..... 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 wasN/A..... ft. afterN/A..... hours pumpingN/A..... gpm Well water wasN/A..... ft. afterN/A..... hours pumpingN/A..... gpm Estimated Yield:N/A..... gpm Bore Hole Diameter: 8.25 in. to46..... ft. andN/A..... in. toN/A..... ft.		5 Latitude:37.64639.....(decimal degrees) Longitude:-97.36524.....(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: 1286.58.....ft. ☒ Ground Level ☐ TOC Source: ☒ Land Survey ☐ GPS ☐ Topographic Map ☐ Other Top of manhole cover bolt.....																																																																			
7 WELL WATER TO BE USED AS: 1. Domestic: ☐ Household ☐ Lawn & Garden ☐ Livestock 2. ☐ Irrigation 3. ☐ Feedlot 4. ☐ Industrial 5. ☐ Public Water Supply: well ID 6. ☐ Dewatering: how many wells? 7. ☐ Aquifer Recharge: well ID 8. ☒ Monitoring: well IDNKMW-8D..... 9. Environmental Remediation: well ID ☐ Air Sparge ☐ Soil Vapor Extraction ☐ Recovery ☐ 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 diameter2..... in. to46..... ft., DiameterN/A..... in. toN/A..... ft., DiameterN/A..... in. toN/A..... ft. Casing height above land surface0..... in. WeightN/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: From36..... ft. to46..... ft., FromN/A..... ft. toN/A..... ft., FromN/A..... ft. toN/A..... ft. GRAVEL PACK INTERVALS: From34..... ft. to46..... ft., FromN/A..... ft. toN/A..... ft., FromN/A..... ft. toN/A..... ft.																																																																				
9 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☒ Bentonite ☒ Other Concrete 0 to 2 feet Grout Intervals: From2..... ft. to34..... ft., FromN/A..... ft. toN/A..... ft., FromN/A..... ft. toN/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.																																																																				
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>10 FROM</th> <th>TO</th> <th>LITHOLOGIC LOG</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>2</td> <td>Silt</td> </tr> <tr> <td>2</td> <td>9</td> <td>Clay</td> </tr> <tr> <td>9</td> <td>46</td> <td>Sand</td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		10 FROM	TO	LITHOLOGIC LOG	0	2	Silt	2	9	Clay	9	46	Sand																						<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>FROM</th> <th>TO</th> <th>LITHO. LOG (cont.) or PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>				FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS																											
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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) 8-31-2016..... 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**

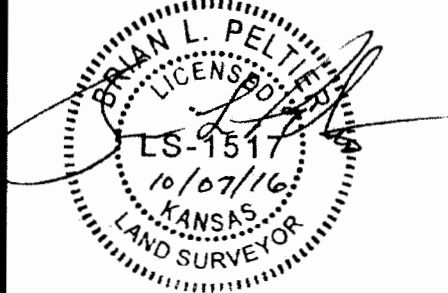
The above site is located in Section 1 of T28S, R1W & Sections 5 & 6 of T28S, R1E of the Sixth Principal Meridian, Sedgwick County, Kansas.

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)	
NKMW-08D	1671071.43 N37.64639	1640869.41 W97.36524	1286.20 1286.58	TOC Bolt
NKMW-09S	1670779.09 N37.64559	1640901.11 W97.36514	1285.42 1285.96	TOC Bolt
NKMW-09D	1670774.99 N37.64558	1640903.39 W97.36513	1285.52 1285.93	TOC Bolt
NKMW-10S	1670794.20 N37.64564	1640545.69 W97.36637	1285.72 1286.09	TOC Bolt
NKMW-10D	1670789.33 N37.64563	1640545.84 W97.36637	1285.82 1286.10	TOC Bolt
NKMW-11S	1670600.35 N37.64506	1642058.59 W97.36115	1285.45 1285.89	TOC Bolt
NKMW-11D	1670600.03 N37.64506	1642055.16 W97.36116	1285.73 1286.01	TOC Bolt
NKMW-12D	1670362.50 N37.64441	1641901.91 W97.36170	1284.45 1284.88	TOC Bolt
NKMW-12S	1670367.21 N37.64442	1641901.88 W97.36170	1284.48 1284.88	TOC Bolt

DRAFT

Issued: October, 13 2016