WATER WELL		WWC-5		sion of Water		NK MW II			
Original Record		nge in Well Use	<del></del>	urces App. No.	<u> </u>	Well ID			
1 LOCATION OF		Fraction		ion Number	Township Numb				
County: Sedgwid	·····	NW 14 NE 14 NE 14		1	T 28 S	R 1 DE W			
2 WELL OWNER:	Last Name:					(if unknown, distance and			
	BER Curtis State Office V Jackson St., Suite 4		direction from n	earest town or in	ersection): If at owne	r's address, check here:			
Address: 1000 SV	V Jackson St., Suite 4	11		st Pawnee Si					
City: Topeka State: KS ZIP: 66612-1367 2559 West Pawnee, Wichita, KS									
3 LOCATE WELL	4 DEPTH OF CO	MPLETED WELL:	34 ↔	5 Latitud	37.6512	24(decimal degrees)			
WITH "X" IN									
SECTION BOX:	Depth(s) Groundwater Encountered: 1)7.5 ft. 2)				Longitude:97.37236(decimal degrees) Horizontal Datum: □ WGS 84 ■ NAD 83 □ NAD 27				
	WELL'S STATIC WATER LEVEL: 7.69 ft.				Source for Latitude/Longitude:				
TIN	below land surface	e, measured on (mo-day-	yr) 9-12-16	☐ GPS (unit make/model:)					
NW NE	above land surface	e, measured on (mo-day-)	/r).,	(WAAS enabled? ☐ Yes ☐ No)					
	Pump test data: Well	water wasN/A ft			■ Land Survey ☐ Topographic Map ☐ Online Mapper:				
	well	afterN/A., hours pumping N/A gpm ☐ Online Mapp Well water wasN/A ft.				***************************************			
SW SE	after N/A hou	rs pumping N/A	epm	<u> </u>	4000 40	······································			
	Estimated Yield: N	Agpm 8.25 in to 34				. Ground Level TOC			
S	Bore Hole Diameter:	8.25 in. to34	. ft. and	Source:	■ Land Survey □	GPS Topographic Map			
1 mile		N/A in to N/A	ft.	<u> </u>	Other .J.QP.QC.Wa	anhole cover bolt			
7 WELL WATER T		7 . 0 . 1 . 1175		10 🗖 07 5					
1. Domestic:  Household		Vater Supply: well ID ing: how many wells?			ield Water Supply: I le: well ID	ease			
Lawn & Garden									
Livestock				☐ Cased ☐ Uncased ☐ Geotechnical  12. Geothermal: how many bores?					
2. Irrigation		ntal Remediation: well ID		a) Closed Loop					
3. Feedlot	☐ Air Spar		xtraction	b) Oper	Loop   Surface D	ischarge			
4. Industrial	☐ Recover	y   Injection		13.  Othe	r (specify):				
Was a chemical/bact	eriological sample sub	mitted to KDHE? 🔲	Yes No	If yes, date s	ample was submitte	ed:			
Water well disinfected	l? ☐ Yes ■ No								
8 TYPE OF CASIN	G USED: 🗆 Steel 🖷 P	VC 🔲 Other	CASIN	IG JOINTS:	☐ Glued ☐ Clampe	d Welded Threaded			
Casing diameter	in. to24 fl	, Diameter N/A	in. to	ft., Diamete	erN/A in. to	N/A ft.			
Casing diameter 2 in to 24 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.									
	OR PERFORATION MA			[7] Other	(Casaifa)				
☐ Steel ☐ Stainless Steel ☐ Fiberglass ☐ PVC ☐ Other (Specify)									
	RATION OPENINGS		sed (open note)	,					
☐ Continuous Slot			rch Cut 🔲 Di	rilled Holes [	Other (Specify)				
☐ Louvered Shutter	☐ Key Punched ☐	Wire Wrapped ☐ Sav	v Cut 🔲 N	one (Open Hole	e)	:			
	TED INTERVALS: Fro								
	ACK INTERVALS: Fro					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 22 ft., From .N/A ft. to N/A ft., From .N/A ft. to N/A ft.									
		It., FromN(A 1	tt. toIN/A.	ft., From	!!!//!\ ft. to!!!//	۸ ft.			
Nearest source of possi	DIE CONTAMINATION:  Lateral Lin	nes	<b>—</b> ;	Livestock Pens	□ Incacti	cide Storage			
Sewer Lines	☐ Cess Pool			Fuel Storage		oned Water Well			
□ Watertight Sewer Lines □ Seepage Pit □ Feedyard □ Fertilizer Storage □ Oil Well/Gas Well									
Other (Specify) .C	hlorinated solvents	••••••	••••						
	T								
10 FROM TO	**************************************	OGIC LOG	FROM	TO L	THO. LOG (cont.) o	r PLUGGING INTERVALS			
0 0.5	Silt		<del>                                     </del>						
0.5   12   12   34	Clay		<del> </del>						
12 34	Sand		<del> </del>			**************************************			
			<del> </del>			V-102-74			
<del> </del>			<del> </del>			<del></del>			
		MARKET TO A STATE OF THE STATE	Notes:						
110663									
11 CONTRACTOR	S OR LANDOWNER	'S CERTIFICATION	: This water	well was	constructed, rec	onstructed, or plugged			
under my jurisdiction	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 in (110-day-lear) .10-26-2016									
Mail 1 white copy	IIC OI JV.VA.E.N. EJIYJ[Q[	ach constructed well to: Von	Signartment	nature .W.M	Wind Bream of The	Inter GWTS Section			
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 Coordiantes 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

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



Burns & McDonnell 9400 Ward Parkway Kansas City, MO 64114 October 6, 2016 Job # 16-09-240 Page 2 of 5

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

X X O

Figure 4-4
Piezometric Surface Map (Shallow)
West Pawnee Site S. Meridian Ave & W. Pawnee Ave. ISL C2-087-73372 BURNS MEDONNELL 200 ieeCINStudies\Geospatia\ArcDocs\Figure4\_4\_Piezo\_Shallow\_Wells\_Map\_103.mxd=ERING COMPANY, INC. 250 - Groundwater Flow Direction 1281 Piezometric Contour West Pawnee Monitoring Well Path: \\bmcd\dfs\Clients\ENV\KDHE\93671\_WestPawn COPYRIGHT © 2015 BURNS & McDONNELL ENGINI Ice Masters Monitoring Well Ice Master Air Capitol Monitoring Well **LUST Monitoring Well** Legend