WATER WELL RECOR					of Water		Well ID	MW2	
X Original Record		in Weli Ust	Ke		App. No.	- I			
1 LOCATION OF WAT	ER WELL:	Fraction	or / NE	1	ction Number	Township Num		Number 25 X E W	
County Wyandotte		-	SE ¼ NE						
2 WELL OWNER: Last Name: First: 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:									
Address: 1000 SW Jackson Blvd 214 S. 18th St., Kansas City, KS									
Address:									
City Topeka	State: KS	ZIP: 66612	24.71 ^	-	1 044	39.098	54 /1	cimal degrees)	
3 LOCATE WELL		MPLETED WELL:			Latitude: Longitude	***************************************		cimal degrees)	
WITH "X" IN SECTION BOX:	2) ft ?	Encountered: 1) [1, or 4) [1]	Dry Well		_	Datum X WGS	**************************************	83 NAD 27	
N N	THE STATE OF THE S					atitude/Longitude			
	X below land surface, measured on (mo-day-yr)					nit make/model:	<u></u>	)	
NW NE	above land surface, measured on (mo-day-yr)					AS enabled?		)	
x x	Pump test data: We	***************************************			=	rvey Topog	raphic Map		
W I	after he	ours pumping Vater well was	gpm ft	1	Online	Mapper			
		ours pumping		6	Elevation	862.28 ft	Ground L	evel X TOC	
SW —— SE —	Estimated Yield:		, 81		Source X Land Survey GPS Topographic Map				
	Bore Hole Diameter	7.25 in to	ft, and		Other				
S		: 7.25 in to in to	ft						
mile									
7 WELL WATER TO BE	USED AS: 5 Public Water Su	inply: well ID		10	Oil Field W	ater Supply: lease	2		
Household	6 Dewatering: ho				st Hole: well	• • •			
Lawn & Garden	7 Aquifer Recharg	•			Cased	Uncased	Geotechnic	al	
Livestock	8 X Monitoring: we	•				many bores?			
2 Irrigation	9 Environmental Remo	_		a) Closed Loop Horizontal Vertical					
3 Feedlot	Air Sparge	Soil Vapor Extracti	or		Open Loop			Inj. of Water	
4 Industrial	Recovery	Injection		لـــاــــــــــــــــــــــــــــــــــ	Other (spec	1Iy):			
Was a chemical/bacteriological		OHE? Yes X	lo If yes,	date san	nple was sub	mitted:			
	X No								
8 TYPE OF CASING USI	ED: Steel X PVC	Other	CASING .	JOINTS	: Glue	dClampled	Welded	X Threaded	
Casing diameter 2 in. Casing height above land surface	to 9.71 ft, Diam	eter in to	ft,	Dia ell thick	ness or gauge	in. to	11,		
TYPE OF SCREEN OR PER	FORATION MATERIA	L:							
Steel Stainless St	_	X PVC		Other	(Specify)				
Brass Galvanized	<b>=</b>		hole)	•	_				
SCREEN OR PERFORATIO	N OPENINGS ARE:	_							
Continuous Slot X	Mill Slot 🔲 Gauz	ze Wrapped Toro	h Cut 🔲 Di	rilled Ho	oles	Other (Specify	')		
Louvered Shutter	Key Punched Wire	: Wrapped Saw			en Hole)				
SCREEN-PERFORATED INTE		ft. to 24.71 ft,	From	ft. to	f	t, From	ft. to	ft,	
GRAVEL PACK INTE			From	ft. to		t, From	ft. to	π,	
9 GROUT MATERIAL: Neat cement Cement grout X Bentonite X Other Concrete: 0-0.5' Grout intervals: From 0.5 ft. to 9 ft, From ft. to ft, From ft. to ft,									
Grout intervals: From 0.5  Nearest source of possible cor	ft. to 9 ft,	From ft. to	11, Г	10111	11. U	π,			
Septic Tank	Lateral Lines	Pit Privy	[ ] Li	vestock	Pens	Insecticide	Storage		
Sewer Lines	Cess Pool	Sewage Lagoon	=	el Stora			d Water Well		
Watertight Sewer Lines	Seepage Pit	Feedyard		rtilizer S	U	Oil Well /			
Other (Specity)	300page 1 11								
Direction from well? S		Distance from w	ell? ~140			ft			
10 FROM TO	LITHOLO	GIC LOG	FROM	1	TO	LITHO. LOG (co	nt.) or PLUGGI	NG INTERVALS	
	soil/loam								
0.3 7.5 Silt 7.5 12 Clay	ev silt			_					
	thered shale/siltstone								
12.5 25 Shale	>								
			Notes: K	DHE ID	): Former C	entral States Fac	ility: 114_105.	14855	
	_					w groundwater, <20			
direction of KDHE.									
11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was X constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 11/14/16 and this record is true to the best of my knowledge and belief. Keeping after Well Contractor's									
jurisdiction and was completed License No 757		ord was completed on (m			nowledge an	u belief.	rater Well Con	inactor's	
under the business name of L	array & Associates Inc				nature		) _		
Mail 1 white copy	along with a fee of \$5.00 for e	ach constructed well to: Kan	sas Department of	Health ar	nd Environme	nt, Bureau to ater,	GWTS Section,		
•	St., Suite 420, Topeka, Kansa			and retai	n one for your	records. Telephone		4 7/10/2015	
Visit us at http://www.kdheks.g	ov/waterwell/index.html	KSA 82a	1212				Kevise	d 7/10/2015	

## DENNIS L HANDKE

1820 NW 59th Terrace TOPEKA, KANSAS 66618 785-286-4047 Home 785-286-1990 Fax

Jesse Chapman Larsen & Assoc. 1311 E. 25<sup>th</sup> St., Suite B Lawrence, Kansas, 66046 December 8, 2016 Revised December 13, 2016

RE: Monitor Well Elevation Survey 214 S. 18<sup>th</sup> Street, Kansas City, Kansas Proj. 16-00Z KDHE ID# U4-105-14855 Former Central States Facility

Bench Mark: Square cut on Southeast corner of Northwest concrete signal light base near the NE corner of

property.

Elev: 863	.37	North 3916	West 60	(from SE Cor. Sec. 17-11-25E)
MW-1	rim	855.77	North 3754	NE1/4,NE1/4,SE1/4,NE1/4
	top pipe	855.42	West 71	Lat = 39.09812 Long = 94.64962
MW-2	rim	862.59	North 3908	NE1/4,NE1/4,SE1/4,NE1/4
	top pipe	862.28	West 65	Lat = 39.09854 Long = 94.64961
MW-3	rim	868.85	South 3782	NE1/4,NE1/4,SE1/4,NE1/4
	top pipe	868.53	West 144	Lat = 39.09820 Long = 94.64988
MW-4	rim	856.07	North 3802	NW1/4,NW1/4,SW1/4,NW1/4 (Sec.16)
	top pipe	855.82	East 46	Lat = 39.09826 Long = 94.64922
MW-5	rim	<b>8</b> 55.71	North 3910	NE1/4,SE1/4,NE1/4,NE1/4
	top pipe	<b>8</b> 55.41	West 449	Lat = 39.09855 Long = 94.65096
MW-6	rim	849.27	South 3607	SW1/4,SW1/4,SW1/4,NW1/4 (Sec. 16)
	top pipe	848.95	East 46	Lat = 39.09772 Long = 94.64921
MW-7	rim	847.19	North 3608	SE1/4,NE1/4,SE1/4,NE1/4
	top pipe	846.89	West 66	Lat = 39.09772 Long = 94.64961
MW-8	rim	<b>8</b> 71.95	South 3883	NE1/4,SE1/4,SE1/4,NE1/4
	top pipe	871.69	West 183	Lat = $39.09848$ Long = $94.65002$

RECEIVED

Lat & Long derived from the Shawnee 7.5 minute Quad map, WGS84.

DEC 27 2016

Elevation derived from KDHE Project ID# U4-105-14119. NAVD 88

BUREAU OF WATER

If you think any questions, please feel free to call me. Thank you for the opportunity to be

Dennis L Harakzesa S