DENNIS L HANDKE

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

Jess Chapman Larsen & Assoc. 1311 E. 25th St., Suite B Topeka, Kansas 66046

April 15, 2022

RE: Monitor Well Elevation Survey 2912 S. 4th St., Leavenworth, Kansas Proj. 22-00V Adams Standard Service KDHE ID U4-052-00086

Bench Mark: Chisled X on North top bolt of fire hydrant near the SE corner of Applebee's building. Elev.: 831.45 North 4909.61 West 1818.59 (from SE Cor. Sec. 12-9-22E)

MW-2	rim	828.88	North	4997.25	NW1/4,NE1/4,NW1/4,NE1/4
	top pipe	828.07	West	1840.18	Lat = 39.28801 Long = 94.90640
MW-3	rim	821.40	North	4863.50	SW1/4,NE1/4,NW1/4,NE1/4
	top pipe	821.23		1929.42	Lat = 39.28765 Long = 94.90671
MW-19	rim	799.03	North	5562.62	SW1/4,SW1/4,SE1/4,SE1/4 (Sec. 1-9-22E)
	top pipe	798.61	West	1158.30	Lat = 39.28756 Long = 94.90399
MW-20	rim	792.43	North	5612.57	NE1/4,SE1/4,SW1/4,SE1/4 (Sec. 1-9-22E)
	top pipe	792.12	West	1447.63	Lat = 39.28970 Long = 94.90501
MW-21	rim	827.78	North	5037.22	NE1/4,NW1/4,NW1/4,NE1/4
	top pipe	827.32	West	2188.33	Lat = 39.28812 Long = 94.90763

Lat & Long derived from Leavenworth 7.5' quad map. WGS84.

Elevation derived from existing project. NAVD 88.

Live of have any destions, please feel free to call me. Thank you for the opportunity to be

RECEIVED

MAY 1 7 2022

BUREAU OF WATER

S. Congrada Record Cornection Connection Connec	WATER WELL RECOR	F7			ion of Water	İ		MW21						
County Leavenmorth Ni W NV			Well Ust	Resou			Well ID							
Business: Killi (Adam Standard Serves) Address: 1000 SW Jackson St. Address: 1000 SW Jackson St. St. Communication of the communica	1			in New Y	1									
Desire Comment Comme					·		<u> </u>							
Address: 1000 SW Jackson St. 7900 St. Lenvenworth, KS 66048 7400 State: KS 71P 66612 7400 Stat	,													
Address City Topicals Static KS ZIP 66612 Static KS ZI	•	· · · · · · · · · · · · · · · · · · ·												
SECTION BOX: SECT	Address:				,									
SSCTION BOS: SS		State: KS	ZIP: 66612			20.20012	(1)							
SECTION BOX: Variable STATE WATER LEVEL		Depth of COM	PLETED WELL:I	2: II 5		04 00763	/do							
WELLS STATE WATER LEVEL: 13.43 ft. Source for Latinuch Conging with a few colors and the control by the color of the colors and the colors	1	2) (1 3)	ft or 4) Dry	weil		***********************************								
Note Note Part and Secretary Note	1	WELL'S STATIC WATE												
Pump test date. Well vaster was after flowers pumping game what well was a failter flowers pumping game game what well was a failter flowers pumping game game game game game game game gam		nit make/model:)										
a flet bours pumping gam aflet bours pumping gam afl	NW NE	above land surfac	:)							
SW SI							ic Map							
SW 51 Stimated Victel: gpm Bore Hole Diameter: 7.25 in to	W	afterhou	pm	Online	Mapper									
Source S				om 6	Elevation	827.32 ft	Ground Lo	evel X TOC						
Second S	SW — SE				SourceX	······	s \square							
WELL WATER TO BE USED AS: Tomeste: Domeste:		Bore Hole Diameter:	7.25 in to fi	, and		Other								
Percentage Per	S		in to fi											
Donestic:		ISED AS:												
Household 6 Devaletring: how many wells? 11 Test Hole: well ID Cased Uneased Geocethnical Livestock 8 Monitoring: well ID 12 Geothermal: How many bores? 3 Closed Competition Vertical Vertica			ply: well ID	: 10	Oil Field W	/ater Supply: lease								
Livestock S Monitoring: well ID MW21 12 Geothermal: How many bores?	Household													
2	Lawn & Garden				Cascd [Uncased	Geotechnical							
Seed														
Mas a chemical/Dacteriological sample submitted to KDHE? Yes No		<u> </u>												
Was a chemical/bacteriological sample submitted to KDHE?	1 🔀						arge	Inj. of Water						
Water well disinfected? Yes X No														
8 TYPE OF CASING USED: Steel X PVC Other CASING JOINTS: Glued Clampled Welded X Threaded Casing diameter 2 in to 5 ft, Diameter in to ft, Diameter in the diameter in to ft, Diameter in the diameter in to			IE? Yes X No	If yes, date	e sample was sub	omitted:								
Casing diameter 2 in. to 5 ft, Diameter in. to ft, Diameter in. to ft, Casing height above land surface 0.46 in. Weight lbs/ft. Well thickness or gauge No			Tother	CASING IOI	NTS. DCI	d Clammad	Wolded	V Throaded						
Casing height above land surface	Casing diameter 2 in.	to 5 ft. Diamet	er in to	ft.	Diameter	in. to	weided (X I i ircaded						
Steel Stainless Steel Fiberglass New Continuous Slot Stainless Steel Concrete tile None used (open hole)	Casing height above land surface -0.46 in. Weight lbs./ft. Well thickness or gauge No													
Brass Galvanized Steel Concrete tile None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: Continuous Stot Mill Stot Gauze Wrapped Torch Cut Drilled Holes Other (Specify) Louvered Shutter Key Punched Wire Wrapped Saw Cut None (Open Hole) SCREEN-PERFORATED INTERVALS: From 5 ft. to 15 ft. From ft. to ft. From ft. From ft. Torch	TYPE OF SCREEN OR PERFORATION MATERIAL:													
SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X 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 5 ft. to 15 ft. From ft. to ft. From														
Continuous Slot			None used (open ho	le)										
Louvered Shutter Key Punched Wire Wrapped Saw Cut None (Open Hole)						7 a								
SCREEN-PERFORATED INTERVALS: From 3 ft. to 15 ft, From ft. to ft. From ft. To ft. From ft. F					L.	Other (Specify)								
GRAVEL PACK INTERVALS: From 3 ft. to 15 ft, From ft. to ft, Fr	SCREEN-PERFORATED INTE	RVALS: From 5	ft. to 15 ft. Fro	n ft.	to	ît. From	ft. to	ñ.						
9 GROUT MATERIAL: Neat cement Cement grout X Bentonite X Other Concrete: 0-0.5* Grout intervals: From 0.5 ft. to 3 ft, From ft. to ft, From ft. to ft, From ft. to ft. Nearest source of possible contamination: Septic Tank Server Lines Lateral Lines Pit Privy Livestock Pens Insecticide Storage Abandoned Water Well Waterlight Sewer Lines Scepage Pit Feedyard Fertilizer Storage Oil Well / Gas Well Other (Specity) Direction from well? SE: Distance from well? -30.5 ft 10 FROM TO LITHOLOGIC LOG Target of monitoring well is shallow groundwater, <20 of grout was installed at the direction of KDIIE. Notes: KDHE ID: Adams Standard Service; U4-032-00086 Target of monitoring well is shallow groundwater, <20 of grout was installed at the direction of KDIIE. II CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was X constructed, reconstructed, or blugged under my jurisdiction and was completed on (mo-day-year) 3/28/22 and this record is true to the best of my knowledge and belief. Kinisas Water Well Record was completed on (mo-day-year) 5/10/22 under the business name of Larsen & Associates, Inc. Signature Mail I white copy along with a fee of \$5.00 for each constructed well to Kansas Department of Health and Environment, Bureau of Water, GW Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-306-5524.	GRAVEL PACK INTE	RVALS: From 3	ft. to 15 ft, Fro	n ft.	to	t, From	fl. to	ft,						
Grout intervals: From 0.5 ft. to 3 ft, From ft. to ft, From ft. to ft, Nearest source of possible contamination: Septic Tank	9 GROUT MATERIAL:	Neat cement Cer												
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Sewer Lines Cess Pool Sewage Lagoon X Fuel Storage Abandoned Water Well Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well / Gas Well Other (Specity) Direction from well? SI: Distance from well? -305 10 FROM TO LITHOLOGIC LOG FROM TO LITHOLOGIC LOG FROM TO LITHOLOGIC LOG (cont.) or PLUGGING INTERVALS 1 9 Silty clay 9 15 Shale Notes: KDHE ID: Adams Standard Service; U4-032-00086 Target of monitoring well is shallow groundwater, <20 of grout was installed at the direction of KDHE. 11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was X constructed, or plugged under my jurisdiction and was completed on (mo-day-year) 3/28/22 and this record is true to the best of my knowledge and belief Kansas Water Well Centractor's License No 757 This Water Well Record was completed on (mo-day-year) 5/10/22 under the business name of Larsen & Associates, Inc. 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, GW Jection, 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.	Nearest source of possible con			·····	***************************************	***************************************								
Waterlight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well / Gas Well		Lateral Lines	Pit Privy	Livest	tock Pens	Insecticide Sto	rage							
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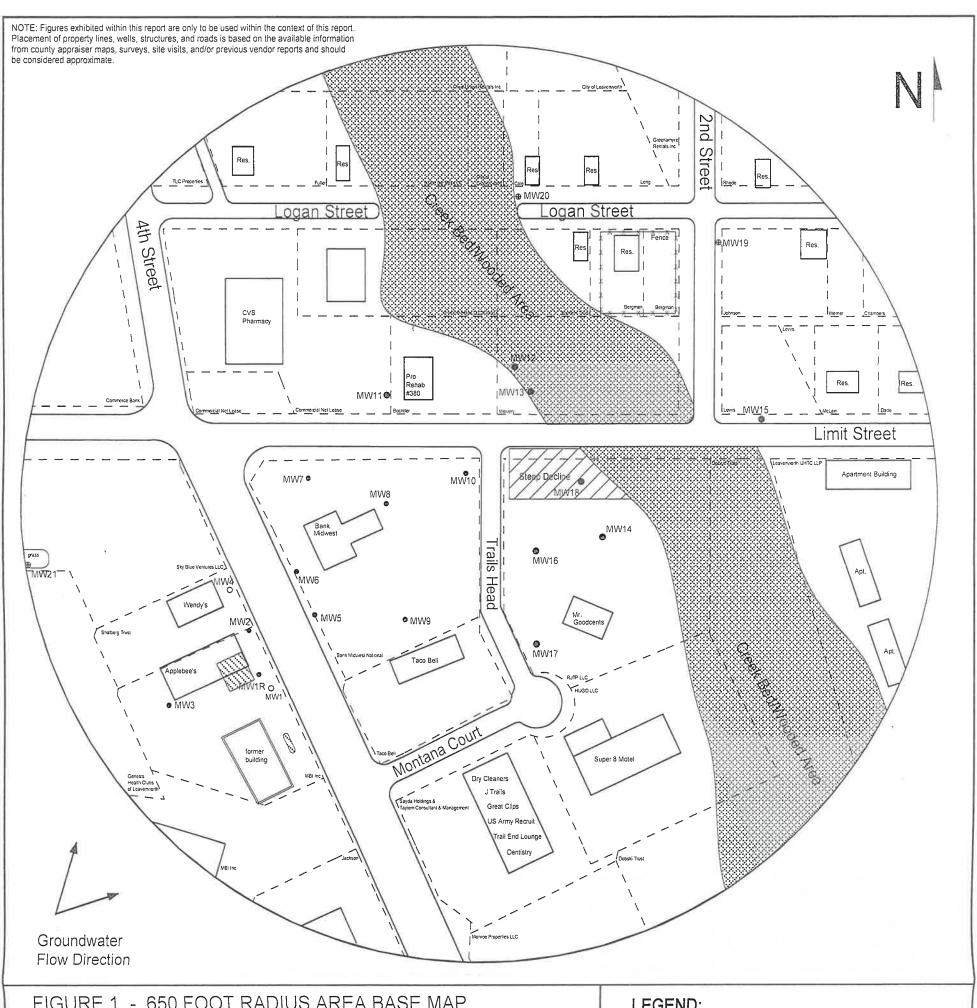


FIGURE 1 - 650 FOOT RADIUS AREA BASE MAP



1311 E. 25th St., Suite B Lawrence, KS 66046

(785) 841-8707 (office) (785) 865-4282 (fax)

PROJECT:

Adams Standard Service 2912 S. 4th Street Leavenworth, KS KDHE ID: U4-052-00086

Date: 3/28/22

0 130 feet

LEGEND:



Approximate Location of Former Approximate Local UST Basin & Pump Island

- O Lost/Destroyed Monitoring Well
- Monitoring Well
- ⊕ New Monitoring Well Installed 3/28/22

NOTE: Approximate location of product lines is unknown. NOTE: MW9 is no longer within the scope of work.