	VATER WELL RECORD Form WWC-5 X Original Record Correction Change in Well Ust			Division of Water Resources App. No. Well ID MV			MW17			
X Original Record			Resour		Township Num	ber Range l	Number			
1 LOCATION OF County Harper	WATER WELL:	Fraction NE ¼ NE ¼	NE ¼ NE ¼		T 32		E x W			
2 WELL OWNER:	l act Name:	First:	Street or Rural Ac	idress where well	is located (if unkr	nown, distance	and direction			
	ept of Health & Environmer				If at owner's add	dress, check he	re:			
	Address: 1000 SW Jackson ST 423 E 14th St, Harper, KS									
Address:										
	peka State: KS 4 DEPTH O	ZIP: 66612 F COMPLETED WELL:	35.1 ft 5	Latitude:	37.282	91 (dec	cimal degrees)			
3 LOCATE WELL WITH "X" IN	Denth(s) Groundy	water Encountered: 1)	ft	Longitude	98.021	***************************************	cimal degrees)			
SECTION BOX:	2)	ft 3) ft, or 4)	Dry Well		Datum:x WGS 8		3 NAD 29			
N	WELL'S STATIC	WATER LEVEL: 2	3.34 ft.	ft. Source for Latitude/Longitude.						
		d surface, measured on (mo-			nit make/model:					
NW NE		d surface, measured on (mo-		(WAAS enabled? Yes No) X Land Survey Topographic Map						
	Pump test data	: Well water was	П	==	Маррег	upine mup				
w	E aπer	hours pumping Water well was	gpm							
sw -	after	hours pumping			1416.50 ft					
- SE		d: gpm		SourceX	Land Survey	GPS	Topographic Map			
		meter: 7.25 in to	ft, and		Other					
S		in to	fi							
1 mile	- I									
7 WELL WATER TO 1 Domestic:		ter Supply: well ID	10	Oil Field W	ater Supply: lease	e				
Household		g: how many wells?		Test Hole: well	• • •					
Lawn & Garden	7 Aquifer Re			Cased	Uncased	Geotechnic	al			
Livestock		g: well ID MW17	12	Geothermal: How						
2 Irrigation	9 Environmental	Remediation: well ID			Horizontal					
3 Feedlot	Air Sparge	=	ection	b) Open Loop	_	ischarge	Inj. of Water			
4 Industrial	Recovery	Injection		Other (spec	offy):					
Was a chemical/bacteriol	ogical sample submitted	to KDHE? Yes X	No If yes, dat	e sample was sub	mitted:					
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 20.1 ft, Diameter in to ft, Diameter in to ft, Casing height above land surface -0.32 in Weight lbs./ft. Well thickness or gauge No TYPE OF SCREEN OR PERFORATION MATERIAL:										
Steel Stain				other (Specify)						
	nized Steel Concre	ete tile None used (c	pen hole)							
SCREEN OR PERFOR	ATION OPENINGS ARI	3:		_	_					
Continuous Slot			orch Cut Drille		Other (Specify	y)				
Louvered Shutter	Key Punched	Wire Wrapped S	aw Cut None	(Open Hole)	e From	ft to	f			
SCREEN-PERFORATED	INTERVALS: From	20.1 ft. to 35.1 ft	, Fromπ.	to	ft From	ft. to	ft,			
	NTERVALS: From		, From ft.				••••			
9 GROUT MATERIAL				Concrete: 0-0.5						
Grout intervals: From		ft, From ft. to	ft, Froi	mft.	юп,					
Nearest source of possib		— — — — — — — — — — — — — — — — — — —		etock Pens	Insecticid	e Storage				
Septic Tank						d Water Well				
Sewer Lines	Cess Pool	==		lizer Storage	Oil Well /					
watertight Sewer Lines Seepage Fit Precuyati										
Other (Specity) Direction from well? N		Distance from	n well? ~30		ft					
10 FROM TO	l lth	OLOGIC LOG	FROM	То	LITHO. LOG (co	ont.) or PLUGGI	NG INTERVALS			
0 0.7	Chert gravel									
0.7 6	Silty clay grading to clay									
6 8	Silt, loess			 						
8 11	Silty clay			+						
11 18.5	Silt Sand, fine grained									
18.5 19.5 19.5 23	Silt		Notes: KDF	Notes: KDHE ID: Ron's Service; U2-039-12937						
23 24	17.0									
24 35.5	Silt						under mi			
11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was X constructed, Treconstructed, or plugged under my										
jurisdiction and was completed on (mo-day-year) 12/5/16 and this record is true to the best of my knowledge and belief. kansas Water Well Contractor's										
License No 757 This Water Well Record was completed on (mo-day-year) 1/25/17 under the business name of Larsen & Associates, Inc. Signature										
under the business name	OI LAISED & ASSOCIATES,	шъ.				- X-2				
14-3 1L:	land with a few of \$5.0	Of for each constructed well to	Kansas Department of He	ealth and Environm	ent, Bureau o i wate	I, GW IX SECTION	,			
Mail 1 whi	land with a few of \$5.0	00 for each constructed well to: , Kansas 66612-1367. Mail one	Kansas Department of He to Water Well Owner an	ealth and Environm ad retain one for you	ent, Bureau of Wate urrecords. Telephon	C 705-270-5524.	, 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. 25th St., Suite B Lawrence, Kansas, 66046

January 18, 2017 Revised March 10, 2017

RE: Monitor Well Elevation Survey 423 E. 14th St. Harper, Kansas

Proj. 17-00A KDHE ID# U2-039-12937 Ron's Service

Bench Mark: Square cut on Southeast corner of concrete sign base North of the building.							
Elev: 141	-	North 5300	West 45	(from SE Cor. Sec. 12-32-7W)			
3.4307 12°		1415 72	North 5282	NE1/4,NE1/4,NE1/4,NE1/4			
MW-15	rim	1415.73					
	top pipe	1415.30	West 125	Lat = 37.28301 $Long = 98.02184$			
MW-16	rim	1415.94	North 5267	NE1/4,NE1/4,NE1/4			
1.1.	top pipe	1415.62	West 37	Lat = 37.28297 $Long = 98.02154$			
	top pipe	1413.02	West 57	Int States to Long States			
MW-17	rim	1416.82	North 5245	NE1/4,NE1/4,NE1/4,NE1/4			
	top pipe	1416.50	West 103	Lat = 37.28291 $Long = 98.02177$			
	top.p.p.						
MW-18	rim	1414.17	North 5369	SE1/4,SE1/4,SE1/4,SE1/4 (Sec 1-32-7)			
	top pipe	1413.86	West 45	Lat = 37.28325 $Long = 98.02157$			
	och byb						
MW-19	rim	1416.84	North 5254	NE1/4,NE1/4,NE1/4			
	top pipe	1416.45	West 180	Lat = 37.28293 $Long = 98.02203$			
	of L.L.		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- · · · · · · · · · · · · · · · · · · ·			
MW-20	rim	1415.60	North 5262	NW1/4,NW1/4,NW1/4,NW1/4 (Sec. 7-32-6)			
	top pipe	1415.19	East 91	Lat = 37.28296 Long = 98.02110			
	cop pipe		200				
MW-21	rim	1417.53	North 5135	NE1/4NW1/4,NE1/4,NE1/4			
	top pipe	1417.14	West 68	Lat = 37.28260 $Long = 98.02164$			
	-rr F-T-			S			
MW-22	rim	1414.66	North 5368	SE1/4,SE1/4,SE1/4,SE1/4 (Sec. 1-32-7)			
	top pipe	1414.17	West 184	Lat = 37.28324 $Long = 98.02205$			
	top p.pt						
MW-23	rim	1416.85	North 5096	NW1/4,NW1/4,NW1/4,NW1/4 (Sec. 7-32-6)			
A + 21, T 1 2002	top pipe	1416.39	East 37	Lat = 37.28250 $Long = 98.02128$			
	top pipe	1110.00		24. 2,12022 20ng 70102120			

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

RECEIVED

Elevation derived from USGS BM L309 "1953". NAVD 88

MAR 1 3 2017

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