WATER V	VATER WELL RECORD Form WWC-5						Division of Water Resources App. No. Well ID MW2							uu n	
		X Correction	Change in	Well Ust			Re	source	s App. No.				ll ID	<u> </u>	VV Z
1 LOC	ATION OF V	VATER WELL:		Fraction					ection Number	I	hip Numl			Number	. —
County	Lyon			NW ¼	NW ¼	NW			10	T	19	S		1 X E	
1 -		ast Name: Shepard		First: Jim		1			ress where we		-				ction
1	ss: S&SOil					1	n nearest to ommercial		r intersection)	: II at ow	mers add	iress, c	neck he	ле: _	
Addres Addres	ss: 1102 Com	mercial				1102 C	ommercial	, բուր	ora, no						
City		ooria State	: KS	ZIP:											
	TE WELL		TH OF CO	MPLETED	WELL:	50	ft	5	Latitude:	.,	38.4113	3	(de	cimal deg	grees)
WITH	''X'' IN	Depth(s) G	roundwater E	ncountered;	1)		ft	1	Longitude		96,1799)4 	(de	cimal deg	grees)
SECT	SECTION BOX: 2) ft 3) ft, or 4) Dry W WELL'S STATIC WATER LEVEL: 37.69						:11		Horizontal .				NAD	83 1	NAD 27
	N								Source for						,
	1 1		w land surfa			-	3/22/2017	ŀ	<u> </u>	init make/n			No)
NW	NE	_ i _	ve land surfac st data: Well					Ì	X Land S	AAS enable				,	
,			hou hou				,		=	Mapper	ј торода	upine i	·iup		
w	x	E and	Wa	iter well was		ft	•	ļ		,,,appe,					
'	'	after	hou			gpm	1	6	Elevation	1162.35	fi [Gr	ound L	evel 3	TOC
- sw	SE SE	Estimate	d Yield:	дрп	1				Source X	Land Surv	rey	GPS		Тородта	phic Mar
1		Bore Hol	le Diameter:	7.25	in to	ft, a	nd			Other					
	S			,	in to	fı									
	mile			<u> </u>				L							
	. WATER TO	BE USED AS: 5 Publ	lic Water Sup	nke wall ID				10	Oil Field V	Vater Sunn	ly leace				
1 Domestic:	hold	=	atering: how	, -				_	est Hole: well		.,. 10 1 30	_			
Household 6 Dewateri Lawn & Garden 7 Aquifer I			_	-				Cased Uncased Geotechn						al	
_	Livestock 8 X Monitoring: well ID MW							12 G	eothermal: Ho						
2 Irrigat		_	nental Remed		ID			a) Closed Loo	р 🔲 Не	orizontal		Vertic	al	
3 Feedlo		Air s	Sparge	Soil Va	por Extra	ctior		Ь	Open Loop	☐ Sı	ırface Di	scharge	e] Inj. of V	Vater
4 Indust	rial	Reco	overy	Injectio	n				Other (spe	cify):	•••••	.,			
Was a shami	an l'hanteriala	gical sample subm	itted to KDI	HE?	Ves X	7No	If ves	date s	ample was su	bmitted:					
Water well dis		Yes X No	inca to RD	. L	103 1/4		11)03,	uuto B	ampie was de				**************		······································
		USED: Steel	N PVC	Other			CASING	IOINT	rs: Glu	ed Cla	ampled [We	lded	X Thre	aded
		in. to 35 fi		ter	in.	to	fi,	Ĺ	Diameter	in.	to		ft,	11	
Casing heigh	t above land su	rface -0.25	in. We	ight		lbs./	fi. We	ell thic	kness or gaug	e No					
TYPE OF S	SCREEN OR	PERFORATION N	MATERIAL	:				_							
Stee!	Stainle	ess Steel F	Fiberglass	X PV	2			Othe	er (Specify)						
Brass	Galvai	nized Steel (Concrete tile	Non	e used (o	pen hole)									
SCREEN C	R PERFORA	TION OPENINGS	S ARE:		_					_					
		X Mill Slot	Gauze	• •		orch Cut	=	rilled l	-	Other	(Specify))			_
Louve	red Shutter	Key Punched	Wire \	Wrapped	S	aw Cut	_		pen Hole)						
SCREEN-PE	ERFORATED I	INTERVALS: From	m 35	ft. to	50 11,	From .	******	π. κ		π, From		11.	10	f	
GRA	VEL PACK II	VTERVALS: From							0				to		ì,
9 GROUT	MATERIAL:	Neat cement		ment grout			X Ot	h e r <u>C</u>	Concrete: 0-0.5	5'				***************************************	••••
Grout interva	********	0.5 ft. to 3	3 ft, F	rom	ft. to	***************************************	<u>,,,,,,,,</u> ft, F	tom	ft.	to	ft,				
	-	e contamination:													
ı == '	Tank		ral Lines	===	Privy		Livestock Pens Insecticide Storage X Fuel Storage Abandoned Water Well								
Sewer		=	Pool	_	wage Lago	on	=		-	_					
l ==	tight Sewer Lin	es Seep	page Pit	Fee	dyard		Fe	rtilize	r Storage	0	il Well /	Gas W	ell		
		***************************************		Die	ance from		~5				fi				
Direction fron		-	IDITO: C:		ance non	wen:		, 1	TO T		_ft				
10 FROM	TO		ITHOLOG	HC LOG			FROM	1	TO	LITHO.	LOG (cor	nt.) or P	LUGGI	NG INTER	RVALS
0 0 3	0.3	Concrete Silty clay						-+							
0.3	31	Silty clay w/ chert gr	ravel				••••	_							
31	42	Silty clay													
42	45	Silty clay w/ fine sar	nd												
45	50	Chert gravel					Nieder 20		ID. Cec Ci	Da.:::::	112.05	C 140			
						,			ID: S&S Oil - oring well is sl					was inch	alled at
							the direction		•	MINOW BLOK	muwa(C)	. ~20 (or Stoni	was insta	ancu al
11 CONT	RACTOR'S C	DR LANDOWNER'	S CERTIFIC	CATION: 1	This wate					reconstruc	ted or I	S	gged	under m	٧.
		oleted on (mo-day-ye	ar) 3/20	0/17 and	this recor	d is true 1	o the best		knowledge 34	d belief.	ansaa V	Vater V	Vell-Co	ntractor's	-
License No			ter Well Reco	rd was com	pleted on	(mo-day-	year) 4/1	1/17	(~~		\supset		
	ousiness name (of Larsen & Associ	ates. Inc.	*******************************		4>>		S	ignature		- 3)))))	
	Mail white	copy along with a fee	of \$5.00 for ea	ch constructe	d well to: K	ansas Dep	parment of	Health	and Environm	ent, Bureau	ol Water.	GWTS	Section		4
		ackson St., Suite 420, T		66612-1367			veli Owner	and re	tain one for you	ir records T	elephone			d 7/10/20	15
Visit us	at http://www.kd	heks.gov/waterwell/ind	ex.numl		VOW 9	2a-1212							17 CA 126	d 7/10/20	4.2

DENNIS L HANDKE

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

Jessica Chapman Larsen & Associates 1311 E. 25th Street, Suite B Lawrence, Kansas, 66046 March 30, 2017

RE: Monitor Well Elevation Survey 1102 Commercial, Emporia, Kansas Proj. 17-00M S & S Oil - Downtown U3-056-14869

Bench Mark: Chisled Square on South center of concrete pump island West of the building. Elev: 1163.12 North 2297 West 2586 (from SE Cor. Sec. 10-19-11E) MW-1 1162.46 North 2266 NW1/4,NW1/4,NW1/4,SE1/4 rim top pipe 1162.19 West 2566 Lat= 38.41122 Long = 96.17985 MW-2 rim 1162.60 North 2306 NW1/4,NW1/4,NW1/4,SE1/4 top pipe 1162.35 West 2592 Lat= 38.41133 Long = 96.17994MW-3 rim 1162.92 North 2284 NW1/4,NW1/4,NW1/4,SE1/4 top pipe 1162.57 West 2470 Lat= 38.41127 Long = 96.17952 MW-4 1163.69 North 2425 NW1/4,NW1/4,NW1/4,SE1/4 rim top pipe 1163.41 West 2507 Lat= 38.41165 Long = 96.17964MW-5 rim 1160.52 North 2199 SW1/4,NW1/4,NW1/4,SE1/4 1160.27 top pipe West 2551 Lat= 38.41103 Long = 96.17980MW-6 rim 1160.53 North 2168 SE1/4,NE1/4,NE1/4,SW1/4 top pipe 1160.23 West 2700 Lat= 38.41095 Long = 96.18032MW-7 rim 1161.57 North 2328 NE1/4,NE1/4,NE1/4,SW1/4 West Lat= 38.41139 Long = 96.18025top pipe 1161.26 2680

Lat & Long derived existing Emporia 7.5' quad map. WGS 84.

Elevation established from USGS BM V222 NAVD 83.

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

RECEIVED

MAY 30 2017

BUREAU OF WATER