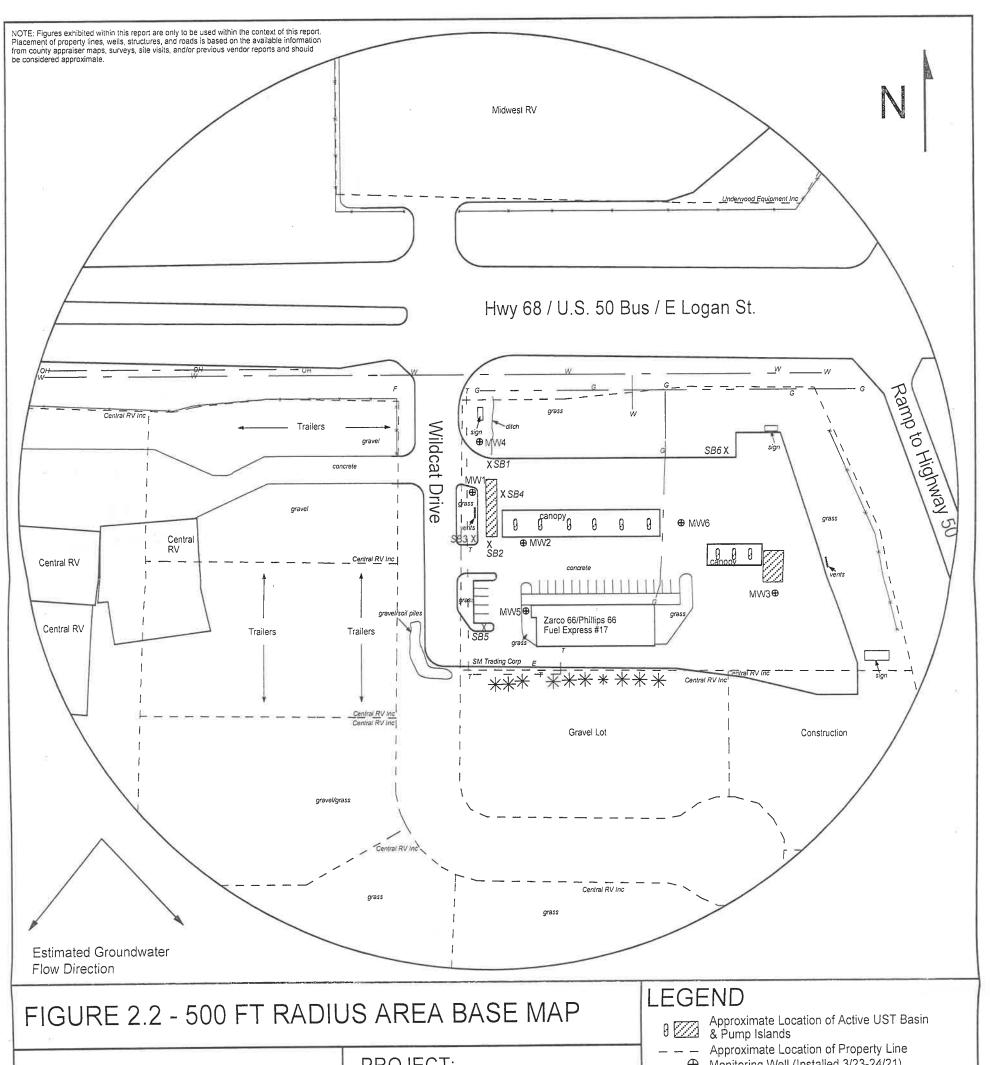
No.   Congrast Record   Campass	WATER WELI		Form WV			vision of Water			MW3	
County   Frenklin   President   Press   Pres				n Well Ust	Res			Well ID		
WELL OWNER: Lat Name:	l.		ELL:							
Business: S.M. Trading Corporation   Address: Gold Condition   Addre				<del></del>				<u>.</u>		
Address   1556 Gorden			on.	First:						
CACYTY WELL	ì		OII	25			ij. It at owners ac	idicos, check in	.10.	
SECTION BOX:	3					•				
Section No.	· · · · · · · · · · · · · · · · · · ·			ZIP: 66221			20.420			
SECTION BOX:  N				MPLETED WELL:	11	-	38.622	(de	cimal degrees)	
NELL'S STATIC WATER LEVEL: 3.70		OX:	2) fi 3	) ft or 4) Dr				84 NAD	83 NAD 27	
NE	1	WE	ELL'S STATIC WA	rer level: 3.70	ft.		<del></del>			
Superior		r) 5/19/2021	numanananan '							
Pump jest data Well water was after hours pumping grant water well was file hours pumping grant was file hours pumping grant was file was	NW NE above land surface, measured on (mo-day				/T)	(WAAS enabled? Yes No)				
Water well fishing the state of		,     P	•				·	raphic Map		
Sour   SE	w	———Е	after he	ours pumping	gpm		e Mapper			
Estimated Vicid:gpm					gpm	6 Elevation	950.48 ft	Ground L	evel X TOC	
Bore Hole Diameter: 7.25 in to ft in	Sw —	- SE —				Source X	Land Survey	GPS		
S	·				ft, and		-	· <u></u>		
Poblic Water Supply: lease   It Test Hole: well ID   Domestice   Downstering: how many wells?   It Test Hole: well ID   Livestock   S X Moniforing: well ID MV3   Cased   Unessed   Georechnical   Cased   Unessed   Georechnical   Cased   Unessed   Cased   Unessed   Georechnical   Cased   Unessed   Unessed   Cased   Unessed   Une	l			in to	, ft	<del></del>				
Domestic:   5   Public Water Supply: well ID   10   oil Field Water Supply: lease										
Household   Government   Devatering: how many wells?   11 Test Hole: well HD   Uneased   Geotechnical   Livestock   S[X] Monitoring: well ID   How many shores?   3 Irrigation   9 Environmental Remediation: well ID   12 Geothermal: How many shores?   3 Closed Loop   Horizontal   Vertical   13 Feedlet   Air Sparge   Sol Wapor Extraction   30 Closed Loop   Horizontal   Vertical   14 Industrial   Recovery   Injection   30 Closed Loop   Horizontal   Vertical   4 Industrial   Recovery   Injection   30 Closed Loop   Surface Discharge   Inj. of Water Wald stinificated?   Yes   X No   Strafter Discharge   Inj. of Water Wald stinificated?   Yes   X No   Strafter Discharge   Inj. of Water Wald stinificated?   Yes   X No   Strafter Discharge   Inj. of Water Water Wald stinificated   X No   No   Strafter Discharge   Inj. of Water Wald stinificated   X No   No   Strafter Discharge   Inj. of Water Wald water well disnificated   X No   No   Strafter Discharge   Inj. of Water Water Water Water Water Wald water was submitted.   X No   No   Strafter Discharge   Inj. of Water		_		pply: well ID		10 Oil Field	Water Supply: Jease	e		
Lawn & Garden		6	<b>=</b>	• • •						
Peculiar										
Second   Air Sparge   Soil Vapor Extraction   Done Loop   Surface Discharge   Inj. of Water   Injection   Air Sparge   Injection   Done Loop   Surface Discharge   Inj. of Water   Injection   Done Loop   Surface Discharge   Inj. of Water   Injection   Other (specify):	1 ==	8	Monitoring: we	IIID MW3		12 Geothermal: How many bores?				
A	] == '									
Was a chemical/bacteriological sample submitted to KDHE?	=	<u> </u>						ischarge	Inj. of Water	
Water well disinfected?  Yes X No  8 TYPE OF CASING USED: Steel X PVC Other CASING JOINTS: Glacd Clampled Welded X Threaded Casing diameter 2 in to 10 ft, Diameter in to ft, Diameter i	4 Industrial	L	Recovery	Injection		Other (sp	ecify):			
8 TYPE OF CASING USED: Sited X PVC Other CASING JOINTS: Glued Clampled Welded X Threaded Casing diameter 2 in to 10 ft, Diameter in to ft, Diameter in to ft, Casing high above land surface -0.32 in Weight Ibs./ft. Well thickness or gauge No TYPE OF SCREEN OR PERFORATION MATERIAL:  Steel Stainless Steel Fiberglass X PVC Other (Specify)  Steel Stainless Steel Fiberglass X PVC Other (Specify)  SCREEN OR PERFORATION OPENINGS ARE:  Continuous Stot X Mill Stot Gauze Wrapped Saw Cut Dome used (open hole)  SCREEN PERFORATION OPENINGS ARE:  Continuous Stot X Mill Stot Gauze Wrapped Saw Cut Dome used (open hole)  SCREEN PERFORATION OPENINGS ARE:  CONTINUOUS Stot X Mill Stot Wire Wrapped Saw Cut Dome used (open hole)  SCREEN PERFORATION OPENINGS ARE:  CONTINUOUS Stot X Mill Stot Wire Wrapped Saw Cut Dome used (open hole)  SCREEN PERFORATED INTERVALS: From 10 ft. to 20 ft. From ft. to ft. From ft. From ft. From ft. To ft. From ft. From ft.										
Casing heighter 2 in. to 10 ft, Diameter in. to ft, Diameter in. to ft, Casing height above land surface 0.32 in. Weight libs:/ft. Well thickness or gauge No TYPE OF SCREEN OR PERFORATION MATERIAL:  Steel Stainless Steel   Fiberplass   X PVC										
Steel   Statiles Steel   Fiberglass   X   PVC   Other (Specify)	8 TYPE OF CASING USED: Steel X PVC Other CASING JOINTS: Glued Clampled Welded X Threaded									
Steel   Statisles Steel   Fiberglass   X   PVC   Other (Specify)	Casing height above land surface -0.32 in Weight   Weight   Well thickness or gauge No.									
Steel   Stainless Steel   Fiberglass   PVC   Other (Specify)	TYPE OF SCREEN OR PERFORATION MATERIAL:									
Brass   Galvanized Steel   Concrete tile   None used (open hole)   SCREEN OR PERFORATION OPENINGS ARE:   Continuous Stot   X 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   10   ft. to   20   ft. From   ft. to   ft. From   ft. Torch Call Grave   ft. From   ft. Torch Call Grave   ft. From   ft. Torch Call Grave   ft. From   ft. From   ft. Torch Call Grave   ft. From   ft. Torch Call										
Continuous Slot X Mill Slot Gauze Wrapped Saw Cut None (Open Hole)    Louvered Shutter   Key Punched Wire Wrapped Saw Cut None (Open Hole)   SCREEN-PERFORATED INTERVALS: From 10 ft. to 20 ft. From ft. to ft	Brass Galvanized Steel Concrete tile None used (open hole)									
Louvered Shutter	SCREEN OR PERFORATION OPENINGS ARE:									
Louvered Shutter										
GRAVEL PACK INTERVALS: From \$ ft. to ft, From	Louvered Shutter Key Punched Wire Wrapped Saw Cut None (Open Hole)									
9 GROUT MATERIAL: Neat cement Cement grout X Bentonite X Other Concrete: 0-0.5' Grout intervals: From 0.5 ft. to 8 ft, From ft. to ft, From ft. to ft,  Nearest source of possible contamination: Septic Tank Lateral Lines Pit Privy Livestock Pens Insecticide Storage Sewer Lines Cess Pool Sewage Lagoon X Fuel Storage Abandoned Water Well Waterlight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well / Gas Well Other (Specity)  Direction from well? N Distance from well? ~15  10 FROM TO LITHOLOGIC LOG FROM TO LITHOLOG (cont.) or PLUGGING INTERVALS 0 0.5 Concrete 0.5 1.5 Gravel fill 1.5 4 Fill material, clay, & gravel 4 5 Clay 5 8 Clay w fraivel 8 10 Silty clay Notes: KDHE ID: Fuel Express #17; U4-030-14948 16 20 Shaley clay 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 jurisdiction and was completed on (mo-day-year) 3/23/21 and this record is true to the best of my knowledge and belief Kansas Water Contractor's License No 757 This Water Well Record was completed on (mo-day-year) under the business name of Larsen & Associates, Inc.  Signature	CRAVEL BACK DIFFERNALS. From 10 11. to 20 ft, From ft. to ft, From ft. to ft, From ft. to ft,									
Grout intervals: From 0.5 ft. to 8 ft, From ft. to ft, From ft. to ft, From ft. to ft, Nearest source of possible contamination:  Septic Tank										
Nearest source of possible contamination:   Septic Tank										
Septic Tank										
Sewer Lines	l			Dit Driva	П.:.	wataak Dana	lunantinida	Ctamas		
Watertight Sewer Lines Scepage Pit Feedyard Fertilizer Storage Oil Well / Gas Well Other (Specity) Direction from well? N Distance from well? ~15  10 FROM TO LITHOLOGIC LOG FROM TO LITHOLOGIC LOG FROM TO LITHOLOG (cont.) or PLUGGING INTERVALS 0 0.5 Concrete 0.5 1.5 Gravel fill 1.5 4 Fill material, clay, & gravel 4 5 Clay 5 8 Clay w/ gravel 8 10 Silty clay 10 16 Clay Notes: KDHE ID: Fuel Express #17; U4-030-14948 116 20 Shaley clay 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, reconstructed or plugged under my jurisdiction and was completed on (mo-day-year) 3/23/21 and this record is true to the best of my knowledge and belief. Kansas Water tell Sutractor's under the business name of Larsen & Associates, Inc.	==	<u> </u>					==	_		
Other (Specity)	i <u></u>	ewer Lines				~	<u></u>			
TO LITHOLOGIC LOG FROM TO LITHOLOG (cont.) or PLUGGING INTERVALS  0 0.5 Concrete  0.5 1.5 Gravel fill  1.5 4 Fill material, clay, & gravel  4 5 Clay  5 8 Clay w/ gravel  8 10 Silty clay  10 16 Clay  Notes: KDHE ID: Fuel Express #17; U4-030-14948  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 jurisdiction and was completed on (mo-day-year) 3/23/21 and this record is true to the best of my knowledge and belief Kansas Water Contractor's License No 757 This Water Well Record was completed on (mo-day-year) under the business name of Larsen & Associates, Inc.  Signature		_		recayand		tillzer Storage	On wen/	Oas well		
TO   LITHOLOGIC LOG   FROM   TO   LITHOLOG (cont.) or PLUGGING INTERVALS				Distance from we	11? ~15		ft			
0.5   Concrete	10 FROM T	0	LITHOLO	GIC LOG				nt.) or PLUGGI	IG INTERVALS	
1.5										
4 5 Clay 5 8 Clay w/ gravel 8 10 Silty clay 10 16 Clay 16 20 Shaley clay 17 Target of monitoring well is shallow groundwater, <20' of grout was installed at the direction of KDHE.  18 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was X constructed, or plugged under my jurisdiction and was completed on (mo-day-year) 3/23/21 and this record is true to the best of my knowledge and belief Kansas Water vent essutractor's License No 757 This Water Well Record was completed on (mo-day-year) under the business name of Larsen & Associates, Inc. Signature			alau P							
5 8 Clay w/ gravel  8 10 Silty clay  10 16 Clay  16 20 Shaley clay  Target of monitoring well is shallow groundwater, <20' of grout was installed at the direction of KDHE.  CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was X constructed, or plugged under my jurisdiction and was completed on (mo-day-year) 3/23/21 and this record is true to the best of my knowledge and belief Kansas Water ven Cesutractor's License No 757 This Water Well Record was completed on (mo-day-year) under the business name of Larsen & Associates, Inc.  Signature		_	, ciay, & gravei		•					
8 10 Silty clay 10 16 Clay Notes: KDHE ID: Fuel Express #17; U4-030-14948 16 20 Shaley clay 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 invalidation and was completed on (mo-day-year) 3/23/21 and this record is true to the best of my knowledge and belief Kansas Water vell Sciuractor's License No 757 This Water Well Record was completed on (mo-day-year) under the business name of Larsen & Associates, Inc. Signature	<del></del>		/el							
Target of monitoring well is shallow groundwater, <20' of grout was installed at the direction of KDHE.  CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was jurisdiction and was completed on (mo-day-year) 3/23/21 and this record is true to the best of my knowledge and belief Kansas Water vell Centractor's License No 757 This Water Well Record was completed on (mo-day-year) under the business name of Larsen & Associates, Inc.  Signature	· · · · · · · · · · · · · · · · · · ·	10 Silty clay								
the direction of KDHE.    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)   3/23/21   and this record is true to the best of my knowledge and belief   Kansas Water ven Courtractor's   License No   757   This Water Well Record was completed on (mo-day-year)   under the business name of   Larsen & Associates, Inc.   Signature							•			
CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was X constructed, or plugged under my jurisdiction and was completed on (mo-day-year) 3/23/21 and this record is true to the best of my knowledge and belief Kansas Water vell essuractor's License No 757 This Water Well Record was completed on (mo-day-year) under the business name of Larsen & Associates, Inc. Signature	16	Shaley clay					shallow groundwate	r, <20' of grout		
jurisdiction and was completed on (mo-day-year) 3/23/21 and this record is true to the best of my knowledge and belief Kansas Water Vell Scutractor's  License No 757 This Water Well Record was completed on (mo-day-year)  under the business name of Larsen & Associates, Inc.  Signature	H CONTRACT	OR'S OR LANDO	WNER'S CERTIF	ICATION: This water we			reconstructed or	plugged		
License No 757 This Water Well Record was completed on (mo-day-year) under the business name of Larsen & Associates, Inc. Signature		as completed on (mo	o-day-year) 3/	23/21 and this record is	true to the best	of my knowledge	and belief Kansas	Willer Well Co	tractor's •	
under the business name of Larsen & Associates, Inc. Signature	License No	757 1	This Water Well Re	cord was completed on (mo	-day-year)	,			)	
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, GWAF Section,		s name of Larsen &	& Associates, Inc.			Signature		0/		
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										





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

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

## PROJECT:

Fuel Express #17 2518 E. Logan Ottawa, KS

KDHE ID: U4-030-14948

Date: 5/19/21

100 ft

⊕ Monitoring Well (Installed 3/23-24/21)

X Soil Boring (Drilled 3/23-24/21)

E Electric Meter

F Fire Hydrant

NOTE: SB5 & SB6 were drilled to collect hydrologic samples. NOTE: Utility depths, heights and locations are approximate.