## KOLAR Document ID: 1412197

In Organia Rockes       Inclusion       Inclusi	WATER WI				WWC-5				sion of Wat			Wall ID	
County:         14         14         14         1	Original Record Correction Change in Well Use     Correction Exaction				Resources App. No. Well ID			ngo Numbor					
2       WELL OWNER: Law Name: Indices: Matheward address where well is located of (non-succes town or intersection): If at owner's address, check here: discretion from sources town or intersection): If at owner's address, check here: discretion from sources town or intersection): If at owner's address, check here: discretion from sources town or intersection): If at owner's address, check here: discretion from sources town or intersection): If at owner's address, check here: discretion: discretion: If at owner's address, check here: discretion: discret								1 0					
Instance: Address Address       State:													
Address: Address: Address:       Sum:       ZP:         Stort FW WFL SECTION BOX:       4 DEFTH OF COMPLETED WELL: The path(s) Groundwater facounterd:       1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1		INDIN, La	ist Ivanie.		Filst.								
Cug:       Size       ZPF         JUCATE WULL WITH SC INS SCTION ROX:       A DEPTH OF COMPLETED WILL: Depth() Groundwater facouraced: 1)       ft       5 Laitude:       Constitute degrees)         SCTION ROX:       Depth() Groundwater facouraced: 1)       ft       ft       Size::::::::::::::::::::::::::::::::::::							uncetion in	Jiii lie	carest town o	i inte	isection). If at owner	s address,	
3       LOCATE WELL WITH **: I SCIENTO BOX: N       4 DEPTH OF COMPLETED WELL: 													
WITH YZ IN SECTION 0K: Depth(s) CONCLUED WELL:       In       In       Statistics:       Institute:       Indicated isgress         N       N       Depth(s) Convolved Excountered:       In       In       Indicated isgress       Indicated isgress         N       N       N       In       In       In       In       Indicated isgress         N       N       N       In       In <t< td=""><td></td><td></td><td></td><td>State:</td><td>ZIP:</td><td></td><td></td><td></td><td>T</td><td></td><td></td><td></td><td></td></t<>				State:	ZIP:				T				
SECTION BOX:       Depth(s) (froutwater Perconstruct: 1)			4 DEPTH	OF COM	IPLETED WEL	.L:		. ft.	5 Latit	ude:			(decimal degrees)
2)        f. or       1)       Dot Well         Note:       2)        f. or       1)       Dot or       Source for Latitude/ onpitude         Note:        Delove land surface, measured on (mo-day yc).        Source for Latitude/ onpitude           Note:        Pump test dat: Well water was            GPS (unit mak/model)       Yes: No.         State:             GPS (unit mak/model)             GPS (unit mak/model) <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>													
Image: NW KE		011.						l					-
. NWNR       Image: I													
Pump test dua: Well water was													
w       iffer        hours pumping       gpm         w       water was       .ft.         after        hours pumping       gpm         s        hours pumping       gpm         Bore Hule Diameter        hours pumping          Ibuschold       6       Devatering: how many wells?          I Lawa & Garden       7.       Aguite Was          I Lawa & Garden       7.       Aguite Kassarge       Soli Vapor Extraction         3.       Feedlot        Cased Uncased Geotechnical       Vertal         4.       Industrial       Recovery Chiptetion       10.       Other          3.       Feedlot        Domestic:           Was a chemical/hacteriological sample submitted to KDHE?       Yes       No       If yes, date sample was submitted:          Was a chemical/hacteriological sample submitted to KDHE?       Yes       No       If yes, date sample was submitted:          Was a chemical/hacteriological sample submitted to KDHE?       Yes       No       If yes, date sample was submitted:          Scaing height above land suracee       ino	NWN	E						••••					10)
	w X	E	-										
since       and to be pointing       gent         s       bore toto Diameter       gent         f       Bore toto Diameter       f. and         c       Construction       f. and         c       St											FF		
s       Bore Hole Diameter:       in. to       f. and       Source:       □ other         7       WELL WATER TO BE USED AS:       0.	3 w 3	E				• • • • • •	gpm		6 Fleve	ation	. ft	Ground	
Image:							ft and						
7 WELL WATER TO BE USED AS:       I. Domestic:       S. [] = Ubilic Water Supply: well ID			Bole Hole L						boure		-		
1. Domestic:       5. Epublic Water Supply: well D       10. Ext Hole: well D         1. Household       6. Devantering: how many wells?       11. Test Hole: well D         2. Lawn & Garden       7. Aquifer Recharge: well D       12. Geothermal: how many bors?         3. Environmental Remediation: well D       a) Closed Loop   Morizontal   Vertical       b) Open Loop   Surface Discharge   Ini, of Water         4. Industrial       Recovery   Injection       13. Other (specify):       a) Closed Loop   Surface Discharge   Ini, of Water         Water well disinfected?       Yes   No       If yes, date sample was submitted:       water         8 TYPE OF CASING USED:       Isteel   PVC   Other       CASING JOINTS:   Glued   Clamped   Welded   Threaded         Casing height above land surface       in. Weight			BE USED A										
□ Household       6.       Dewatering: how many wells?       11. Test Hole: well ID         □ Lawn & Garden       1.       Cased       □ Cas		2			ter Supply: well II	D			10. 🗖 O	il Fie	ld Water Supply: le	ase	
Bivestock       8.       Monitoring: well ID       12. Geothermal: how many bores?         3.       Decaylor onemanal Remediation: well ID       a) Closed Loop       Horizontal []         3.       Decaylor onemanal Remediation: well ID       b) Open Loop       Surface Discharge       Inj, of Water         4.       Industrial       Becovery       Injection       13.       Other (specify):       IV         Was a chemical/bacteriological sample submitted to KDHE?       Yes       No       If yes, date sample was submitted:       IV         Water well disinfected?       Yes       No       If yes, date sample was submitted:       IV       IV         8       TYPE OF CASING USED:       Steel       PVC       Other       Gload       Clauped       Welded       I'readed         Casing diameter       in.       in.       Water       ins.       fib.	Household												
2       Irigination       9. Environmental Remediation: well ID       a) Closed Loop       Horizontal       Verical         3       Fesdiot       Air Sparge       Soil Vapor Extraction       b) Open Loop       Surface Discharge       Inj, of Water         4       Industrial       Recovery       Injection       13.       Other (specify):	_	rden											
3. ] Feedlot       Air Sparge       Soil Vapor Extraction       b) Open Loop [] Sufface Discharge       Inj, of Water         4. ] Industrial       Recovery       Injection       13. ] Other (specify):					0								
4								•••					
Was a chemical/bacteriological sample submitted to KDHE?       \Pes       \No       If yes, date sample was submitted:         Water well disinfected?       \Pes       \No       If yes, date sample was submitted:         Water well disinfected?       \Pes       \No       If yes, date sample was submitted:         Water well disinfected?       \Pes       \No       If yes, date sample was submitted:         Was a chemical/bacteriological sample submitted to KDHE?       \Pes       \No       If yes, date sample was submitted:         Water well disinfected?       \Pes       \No       If yes, date sample was submitted:       \modelset         Casing bleight above land surface       \modelset well disinfected?       \Pes       \No       If yes, date sample was submitted:         Water well disinfected?       \Pes       \No       \Pes       \No       \Pes       \Pes       \No       \Pes       \Pes </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Extraction</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							Extraction						
Water well disinfected?       Yes       No         8 TYPE OF CASING USED:       Setel       PVC       Other       Other       In to       ft, Diameter       In to       ft, Casing height above land surface       In to       ft, Diameter       ft, D		1/bootor			-								
8 TYPE OF CASING USED:       Distel       DVC       Other       CASING JOINTS:       Glued       Clamped       Welded       Threaded         Casing height above land surface       in. to       th. Diameter       the Diameter					inted to ADHE?			0	II yes, uai	e sai	inple was sublitue	u	
Casing diameter       in. to       ft, Diameter       in. to       ft, Casing height above land surface       in. Weight         Casing height above land surface       in. Weight       lbs:/ft.       Wall thickness or gauge No.       ft.         Casing height above land surface       in. Weight       lbs:/ft.       Wall thickness or gauge No.       ft.         Casing height above land surface       Steel       Fiberglass       PVC       Other (Specify)       ft.         Brass       Gatavaired Steel       Concinuous Stot       Mill Stot       Gauze Wrapped       Torch Cut       Drilled Holes       Other (Specify)       ft.         Continuous Stot       Mill Stot       Gauze Wrapped       Saw Cut       None (Open Hole)       SCREEN-PERFORATED INTERVALS: From       ft. to       ft. fo.       ft.					C 🗆 Other		CA	SIN	G IOINTS	3· 🗆	Glued  Clamped	□ Welde	d 🗆 Threaded
Casing height above land surfaceinWeightbs/ft. Wall thickness or gauge NoTYPE OF SCREEN OR PERFORATION MATTERIAL: Steel = Stailless Steel = Fiberglass = PVCOther (Specify)BrassGalvanized Steel = Concrete tileNone used (open hole) SCREEN OR PERFORATION OPENINGS ARE: CContinuous SlotMill SlotGauze WrappedSaw CutDone (Open Hole) SCREEN-PERFORATED INTERVALS: Fromft. toft. Fromft. from Well Gauge PrintFreedyardFreedyard													
TYPE OF SCREEN OR PERFORATION MATERIAL:													
□ Brass       □ Galvanized Steel       □ Concrete tile       □ None used (open hole)         SCREEN OR PERFORATION OPENINGS ARE:       □ Continuous Slot       □ Gauze Wrapped       □ Torch Cut       □ Drilled Holes       □ Other (Specify)       □ Continuous Slot       □ Gauze Wrapped       □ Saw Cut       □ None (Open Hole)         SCREEN-PERFORATED INTERVALS:       From       f. to       f. to </td <td>TYPE OF SCR</td> <td>EEN OR</td> <td>PERFORAT</td> <td>TION MA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	TYPE OF SCR	EEN OR	PERFORAT	TION MA									
SCREEN OR PERFORATION OPENINGS ARE:					-					her (S	Specify)		
□ Continuous Slot       □ 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       ft. to       ft. from       ft. from       ft. to       ft.						one u	sed (open l	nole)					
□ Louvered Shutter       □ Key Punched       □ Wire Wrapped       □ Saw Cut       □ None (Open Hole)         SCREEN-PERFORATED INTERVALS:       From       ft, form       ft,						<b>–</b> т.,	mah Cut F		illad Halaa		Other (Specify)		
SCREEN-PERFORATED INTERVALS: From       ft. to       ft., From       ft., From       ft. to       ft.													
GRAVEL PACK INTERVALS: From       ft. to       ft. from       ft. from       ft. from       ft. from       ft. fo       ft. fo         9 GROUT MATERIAL:       Nearest source of possible contamination:       0       ft. from       ft. ft. from       ft. ft. from       ft.									· •			ft. to	ft.
9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other													
Grout Intervals: Fromft. toft., Fromft. toft. toft. Nearest source of possible contamination:  Septic Tank  Lateral Lines  Seepage Pit  Seevage Lagoon  Fuel Storage  Abandoned Water Well Gother (Specify)  Direction from well?  Distance from w													
□ Septic Tank       □ Lateral Lines       □ Pit Privy       □ Livestock Pens       □ Insecticide Storage         □ Sewer Lines       □ Cess Pool       □ Sewage Lagoon       □ Fuel Storage       □ Abandoned Water Well         □ Other (Specify)       □ Fertilizer Storage       □ Oil Well/Gas Well       □ Fertilizer Storage       □ Oil Well/Gas Well         Direction from well?       □ Distance from well?       □ From TO       LITHOLOGIC LOG       FROM       TO       LITHO. LOG (cont.) or PLUGGING INTERVALS         □       □       □       □       □       □       □       □         □       □       □       □       □       □       □       □         □<													
□ Sewer Lines       □ Cess Pool       □ Sewage Lagoon       □ Fuel Storage       □ Abandoned Water Well         □ Other (Specify)       □ Distance from well?       □ Distance from well?       □ Distance from well?       □ Distance from well?         Direction from well?       □ Distance from well?       □ Distance from well?       □ Distance from well?       □ Distance from well?         10 FROM       TO       LITHOLOGIC LOG       FROM       TO       LITHOL LOG (cont.) or PLUGGING INTERVALS         Image: Sever Lines         Image: Sever Lines       Image: Sever Lines       Image: Sever Lines       Image: Sever Lines       Image: Sever Lines       Image: Sever Lines         Image: Sever Lines											<b>—</b> - ·		
Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well/Gas Well   Direction from well? Distance from well? ft.   ID FROM TO LITHOLOGIC LOG FROM TO LITHOL LOG (cont.) or PLUGGING INTERVALS    IO FROM TO LITHOLOGIC LOG   FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS      IO FROM TO      ID FROM TO LITHOLOGIC LOG FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS    Interview of the provided of the provi												Ų	
□ Other (Špecify)       Distance from well?       ft.         10 FROM       TO       LITHOLOGIC LOG       FROM       TO       LITHO. LOG (cont.) or PLUGGING INTERVALS         Image: Intervention of the second sec													
Direction from well?       Distance from well?       ft.         10 FROM       TO       LITHOLOGIC LOG       FROM       TO       LITHO. LOG (cont.) or PLUGGING INTERVALS         Image: Intervention of the state								_ I'	eranzei Su	Juge			
Image: Second constructed       Image:													
11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No This Water Well Record was completed on (mo-day-year) under the business name of         Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.	10 FROM 7	ГО	I	ITHOLOG	GIC LOG		FROM	[	TO	LIT	HO. LOG (cont.) or	PLUGGIN	G INTERVALS
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Kansas Water Well Contractor's License No.       This Water Well Record was completed on (mo-day-year)         under the business name of       Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.													
under the business name of	under my jurisd	iction an	a was compl	eted on (n	io-day-year)	 N/-	a	nd th	nis record	18 tru mpla	te to the best of m	y knowled	ge and belief.
Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.													
KS Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-3565.			Send one copy to	WATER W	ELL OWNER and re	etain o	one for your	record	ds. Fee of \$	5.00 f	or each constructed we	11.	
Visit us at http://www.kdheks.gov/waterwell/index.html KSA 82a-1212	-												

Form	WWC5	
Contractor Hydro Resources Mid Continent, Inc.		
Well Owner	Lawrence J & Debra K Eakes	
Doc ID	1412197	

## Litholgy

From	То	LithologicLog
0	2	top soil
2	36	brown sandy clay w/ couple fine sand ledges
36	48	brown clay & caliche
48	58	sand fine to med coarse small gravel
58	80	brown clay & caliche w/ few lime rock ledges
80	134	sand fine to med coarse small gravel
134	156	sand fine to med coarse w/ some clay
156	184	sand fine to med coarse some small gravel
184	208	brown clay w/ couple sand ledges
208	220	sand fine to med coarse
220	232	brown & light blue clay
232	255	sand fine to med coarse
255	260	brown clay
260	295	sand fine to med coarse
295	341	blue clay
341	364	sand fine to med coarse
364	374	brown clay
374	385	sand fine to med coarse w/ some clay stringers

Form	WWC5
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Well Owner	Lawrence J & Debra K Eakes
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## Litholgy

From	То	LithologicLog
385	408	sand fine to med coarse small gravel
408	415	sand fine to med coarse w/ some clay stringers
415	418	brown clay
418	440	lime rock & fine sand w/ few clay stringers
440	465	fine sand w/ few clay stringers
465	496	sand fine to med coarse w/ brown rock
496	516	brown rock w/ some clay stringers
516	520	red bed