LOCATION OF WATER WELL:   Fraction   S. NE   N. NW   S. NW   S. NW   S. NW   S. NW   S. N. NW   S. NW	WATER WELL	RECORD	Form W	WC-5	Div	ision of Water	r Resources App. N	o. L		
County: Norton	1 LOCATION OF WATER WELL:		Fraction		Section	n Number	Township No.	Range Number		
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection. If at owner's address, check here   231' from N Line, 1191' from W line   Latitude:				V 1/4 NW 1/4						
Tom nearest town or intersection: If at owner's address, check here   Latitude:	Street/Rural Address of Well Location: if unknown distance & direction									
231' from N Line, 1191' from W line	1									
Elevation:										
Datum:   Ustuc:   U	231' from N Line, 1191' from W line									
ANTER WELL OWNER:   Curt Lowery   Rf#, Street Address, So x**   5491 Rd E9   City, State, ZIP Code   Almena, KS 67622   Cilection Method:   Digital Mang/Photo.   Topographic Map,   Land Survey   Est. Accuracy:   <3 m,   3.5 m,   5.15 m,   >15 m   Depth(s) Groundwater Encountered (1) ft.   6.   City   Ci					Elevat	Elevation:				
City, State, ZIP Code	2 WATER WELLOWNED.									
City, State, ZIP Code   Almena, KS 67622	Out Lowery									
Stock										
SECTION BOX: N	City, State, ZIP Code : Almena, KS 67622				☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey					
WITH AN "X" IN SECTION BOX:    Depth(s) Groundwater Encountered (1)	Est. Accuracy:									
Depth(s) Groundwater Encountered (1)   ft. (2)   ft. (3)   ft. (4)   ft. (2)   ft. (3)   ft. (3)   ft. (4)   ft. (	3 LOCATE WELL									
WELL'S STATIC WATER LEVEL   Pump test data: Well water was   ft. after   hours pumping   gpm										
WELL WATER LEVEL   ft. below land surface measured on mo/day/yr.   Pump test data:   Well water was   ft. after   hours pumping   gpm	SECTION BOX:									
Pump test data: Well water was ft. after hours pumping gpm Borre Hole Diameter \$6.5 in. to ft., and in. to ft. after hours pumping gpm Borre Hole Diameter \$6.5 in. to ft., and in. to ft. and ft. and in. to ft. and ft. ft. and ft. and ft. ft. ft. ft. ft. ft. ft. ft. ft.	N	WELL'S STATIC WATER LEVELft. below land surface measured on mo/day/vr								
NW   NE   Bore Hole Diameter 8.5   in. to   ft. and   in. to   ft.										
Bore Hole Diameter 8.5 in. to ft., and in. to ft.   WELL WATER TO BE USED AS:   Public water supply   Geothermal   Injection well		I warm toward to								
WELL WATER TO BE USED AS:	NW NE EST. HELD gpin. Well water was						iping gpm			
Sw.   SE     Domestic   Feedlot   Oil field water supply   Dewatering   Other (Specify below)	W E Bore note Diameter 9.9									
Sw.   SE     Domestic   Feedlot   Oil field water supply   Dewatering   Other (Specify below)		WELL WATER	TO BE USED AS: L	_ Public wa	ter supply	′ ∐ Geo	othermal []]	injection well		
	SW SE	Domestic	∐ Feedlot ∐	Oil field wat	er supply	∐ De	watering 🔲 🤇	Other (Specify below)		
Was a chemical/bacteriological sample submitted to Department?   Yes   No   If yes, mo/day/yr sample was submitted		Irrigation ☐ Industrial ☐ Domestic-lawn & garden ☐ Monitoring well								
S   If yes, mo/day/yr sample was submitted		Was a chemical/	bacteriological sample	e submitted to	o Departn	nent?	Yes 🕅 No	'		
Water well disinfected?   Yes   No	S									
S TYPE OF CASING USED:   Steel   PVC   Other					*******					
CASING JOINTS:	Water well districted: [4] Tes [140									
Casing diameter 4.5. in to 40. ft., Diameter in to ft. Casing height above land surface 18 in , Weight 2.5. lbs./ft., Wall thickness or gauge No. 0.248  TYPE OF SCREEN OR PERFORATION MATERIAL:    Steel										
Casing diameter 4.5. in to 40. ft., Diameter in to ft. Casing height above land surface 18 in , Weight 2.5. lbs./ft., Wall thickness or gauge No. 0.248  TYPE OF SCREEN OR PERFORATION MATERIAL:    Steel	CASING JOINTS: ₱ Glued □ Clamped □ Welded □ Threaded									
TYPE OF SCREEN OR PERFORATION MATERIAL:  Steel Stainless Steel Power Steel None used (open hole)  SCREEN OR PERFORATION OPENINGS ARE:  Continuous slot Mill slot Gauze wrapped Torch cut Other (specify)  Louvered shutter Key punched Wire wrapped Saw cut Other (specify)  SCREEN-PERFORATED INTERVALS: From. 20. ft. to 40. ft., From ft. to ft.  From. ft. to ft., From ft. to ft.  GRAVEL PACK INTERVALS: From. 20. ft. to 40. ft., From ft. to ft.  From. ft. to ft., From ft. to ft.  From. ft. to ft., From ft. to ft.  GROUT MATERIAL: Neat cement Cement Brout Bentonite Other  Grout Intervals: From ft. to ft.  What is the nearest source of possible contamination:  Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)  Sewer lines Seepage pit Feedyard Fretilizer storage Oil well/gas well  Direction from well  FROM TO LITHOLOGIC LOG FROM TO LITHOLOG (cont.) or PLUGGING INTERVALS  2 Surface  2 Surface  1 Other (Specify)  Other (Specify)  Other (Specify)  Other (Specify)  Other (Specify)  Insecticide storage Oil well/gas well  Distance from well	Casing diameter 4.5 in to 40 ft Diameter in to ft Diameter in to									
TYPE OF SCREEN OR PERFORATION MATERIAL:  Steel Stainless Steel Power Steel None used (open hole)  SCREEN OR PERFORATION OPENINGS ARE:  Continuous slot Mill slot Gauze wrapped Torch cut Other (specify)  Louvered shutter Key punched Wire wrapped Saw cut Other (specify)  SCREEN-PERFORATED INTERVALS: From. 20. ft. to 40. ft., From ft. to ft.  From. ft. to ft., From ft. to ft.  GRAVEL PACK INTERVALS: From. 20. ft. to 40. ft., From ft. to ft.  From. ft. to ft., From ft. to ft.  From. ft. to ft., From ft. to ft.  GROUT MATERIAL: Neat cement Cement Brout Bentonite Other  Grout Intervals: From ft. to ft.  What is the nearest source of possible contamination:  Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)  Sewer lines Seepage pit Feedyard Fretilizer storage Oil well/gas well  Direction from well  FROM TO LITHOLOGIC LOG FROM TO LITHOLOG (cont.) or PLUGGING INTERVALS  2 Surface  2 Surface  1 Other (Specify)  Other (Specify)  Other (Specify)  Other (Specify)  Other (Specify)  Insecticide storage Oil well/gas well  Distance from well	Coging height shove land gurface 18 in Waish 25 the 10 Wall this 1 0 240									
Steel	TYDE OF CORES	NOD DEDECT ATTOMS	MATERIAI.		102716.	, wan unc	Kiicss of gauge in	0		
Brass Galvanized Steel None used (open hole)  SCREEN OR PERFORATION OPENINGS ARE:  Continuous slot Mill slot Gauze wrapped Torch cut Other (specify)  Louvered shutter Key punched Wire wrapped Saw cut Other (specify)  SCREEN-PERFORATED INTERVALS: From. 20. ft. to 40. ft., From ft. to ft.  From. ft. to ft., From ft. to ft.  What is the nearest source of possible contamination:  Septic tank Date and Date and Date and Date and Distance from well  FROM TO LITHOLOGIC LOG FROM TO LITHOLOG (cont.) or PLUGGING INTERVALS  1 Torch cut Dried hole  Torch cut Drieled holes None (open hole)  Torch cut Drieled holes Drieled holes Torch cut Drieled holes  Torch cut Drieled holes  None (open hole)  Torch cut Drieled holes  None (open hole)  Torch cut Drieled holes  Torch cut Drieled holes  Torch cut Drieled holes  Torch cut Drieled holes  Torch cut				_	7 or 10					
SCREEN OR PERFORATION OPENINGS ARE:    Continuous slot   Mill slot   Gauze wrapped   Torch cut   Drilled holes   None (open hole)     Louvered shutter   Key punched   Wire wrapped   Saw cut   Other (specify)     SCREEN-PERFORATED INTERVALS: From 20   ft. to 40   ft., From   ft. to   ft.     From 20   ft. to 40   ft., From   ft. to   ft.     GRAVEL PACK INTERVALS: From 20   ft. to 40   ft., From   ft. to   ft.     From 6   ft. to   ft.     Grout Intervals: From 0   ft. to 20   ft.     Grout Intervals: From 0   ft. to 20   ft.     Grout Intervals: From 0   ft. to   ft.     What is the nearest source of possible contamination:     Septic tank   Lateral lines   Pit privy   Livestock pens   Insecticide storage   Other (specify below)     Sewer lines   Seepage pit   Feedyard   Fertilizer storage   Oil well/gas well     Direction from well   Distance from well     FROM TO   LITHOLOGIC LOG   FROM TO   LITHO. LOG (cont.) of PLUGGING INTERVALS     O 2   Surface   10   Loess   10   Lithologic logs   10   Lithologic logs				_ <u> </u>	J Other (Sp	pecity)				
Continuous slot				ole)						
Louvered shutter   Key punched   Wire wrapped   Saw cut   Other (specify)										
SCREEN-PERFORATED INTERVALS: From 20 ft. to 40 ft., From ft. to ft.  GRAVEL PACK INTERVALS: From 20 ft. to 40 ft., From ft. to ft.  From ft. to ft., From ft. to ft.  GROUT MATERIAL: Neat cement Cement grout Grout Intervals: From 0 ft. to 20 ft., From ft. to ft.  What is the nearest source of possible contamination: Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below) Sewer lines Seepage pit Feedyard Fretilizer storage Oil well/gas well Direction from well  FROM TO LITHOLOGIC LOG FROM TO LITHOLOG (cont.) or PLUGGING INTERVALS  1 to 40 ft., From ft. to ft.  What is the nearest source of possible contamination: Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below) Fretilizer storage Oil well/gas well  Distance from well  FROM TO LITHOLOGIC LOG FROM TO LITHOLOG (cont.) or PLUGGING INTERVALS  1 Loess	☐ Continuous slot ☐ Mill slot ☐ Gauze wrapped ☐ Torch cut ☐ Drilled holes ☐ None (open hole)									
From ft. to ft., From ft. to ft.  GRAVEL PACK INTERVALS: From 20 ft. to 40 ft., From ft. to ft.  From ft. to ft.  From ft. to ft.  GROUT MATERIAL: Neat cement Cement Cement grout ft., From ft. to ft.  Grout Intervals: From ft. to ft.  What is the nearest source of possible contamination: Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below) Sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well Distance from well  FROM TO LITHOLOGIC LOG FROM TO LITHOLOG (cont.) or PLUGGING INTERVALS  2 10 Loess	Louvered sh	utter	☐ Wire wrapped	✓ Saw cut	Othe	r (specify)	·····	• • • • • • • • • • • • • • • • • • • •		
GRAVEL PACK INTERVALS: From 20	SCREEN-PERFORATED INTERVALS: From 20 ft. to40 ft., From ft. to									
GRAVEL PACK INTERVALS: From 20	From ft. to ft. From ft to ft									
From ft. to ft., From ft. to ft.  6 GROUT MATERIAL: Neat cement Cement grout Grout Intervals: From 0 ft. to 20 ft., From ft. to ft. From ft. F	GRAVEL PACK INTERVALS: From 20 ft to 40 ft From ft to ft									
GROUT MATERIAL: Neat cement Cement grout From Office Other  Grout Intervals: From Office Other Other  What is the nearest source of possible contamination:  Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)  Sewer lines Cesspool Sewage lagoon Fuel storage Other (specify below)  Watertight sewer lines Seepage pit Feedyard Fertilizer storage Other (specify below)  Distance from well  FROM TO LITHOLOGIC LOG FROM TO LITHOLOGIC COGL OF PLUGGING INTERVALS  2 10 Loess	From ft to ft From ft to ft									
Grout Intervals: From	6 CROUT MATERIAL: Next cement Coment group 17 Partonite Cother									
What is the nearest source of possible contamination:  Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)  Sewer lines Cesspool Sewage lagoon Fuel storage Other (specify below)  Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well  Direction from well Distance from well  FROM TO LITHOLOGIC LOG FROM TO LITHOLOGIOS INTERVALS  Surface 2 10 Loess	Court Intervals: From 0 A to 20 A From 0									
Septic tank	Ulout intervals. From									
Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well Watertight sewer lines Seepage pit Feedyard Fertilizer storage Direction from well  FROM TO LITHOLOGIC LOG FROM TO LITHOLOGIC LOG  Surface  1										
Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well  Direction from well Distance from well  FROM TO LITHOLOGIC LOG FROM TO LITHOL LOG (cont.) or PLUGGING INTERVALS  O 2 Surface Distance Cont. On PLUGGING INTERVALS  O 2 Surface Distance Cont. On PLUGGING INTERVALS  O 2 Surface Distance Cont. On PLUGGING INTERVALS										
Distance from well   Distance from well										
FROM TO LITHOLOGIC LOG FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS  0 2 Surface										
0         2         Surface           2         10         Loess		veil								
2 10 Loess		LITHOLOG	IC LOG	FROM	TO	LITHO. LC	OG (cont.) or PLU	GGING INTERVALS		
2 10 Loess	0 2 S	urface		T						
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28 35 River mud w/ sand str										
35 38 Sand w/ river mud str	35 38 S	and w/ river mud str								
38 40 Flint & yellow ochre		int & yellow ochre								
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				<del>                                     </del>						
				<del>                                     </del>				,		
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was   ☐ constructed, ☐ reconstructed, or ☐ plugged										
under my jurisdiction and was completed on (mo/day/year) .10/16/12 and this record is true to the best of my knowledge and belief.										
Kansas Water Well Contractor's License No. 838 This Water Well Record was completed on (mo/day/year) 11/16/12										
under the business name of D&R Pump Service, LLC by (signature)	under the business r	name of D&R Pump S	Service, LLC		hv (cia	onstum)	(	17/11		
INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies	INSTRUCTIONS: Use	ty newriter or hall point nen	PLEASE PRESS FIRM V	and PRINT ela	early Place	e fill in blanks	and check the correc	t anguage Sand three conice		
(white, blue, pink) to Kansas Depar tment of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367.										
Telephone 785-296-5524. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Vi sit us at										
http://www.kdheks.gov/waterwell/index.html.										
KSA 82a-1212 Check: White Copy, Blue Copy, Pink Copy										