

1 LOCATION OF WATER WELL: County: <u>Scott</u>	Fraction <u>NE 1/4 NE 1/4 NE 1/4</u>	Section Number <u>1</u>	Township Number <u>T 18 S</u>	Range Number <u>R 33 E</u> W
Distance and direction from nearest town or city street address of well if located within city? <u>Approximately 2 1/2 miles north of Scott City</u>		Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: <u>38.52561</u> Longitude: <u>-100.908705</u> Elevation: <u>Unknown</u> Datum: <u>NAD83</u> Data Collection Method: <u>WAAS GPS Unit</u>		
2 WATER WELL OWNER: University of Kansas <u>Kansas Geological Survey</u> RR#, St. Address, Box # : <u>Center for Research, Inc. 1930 Constant Ave.</u> City, State, ZIP Code : <u>2385 Irving Hill Road Lawrence, KS 66045</u> Lawrence, KS 66045-7563				

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL <u>227</u> ft.
	Depth(s) Groundwater Encountered (1) <u>134.74'</u> ft. (2) _____ ft. (3) <u>08-21-07</u> ft.
	WELL'S STATIC WATER LEVEL <u>243.37</u> ft. below land surface measured on <u>mo/day/yr</u> <u>07-10-07</u>
	Pump test data: Well water was <u>Not checked</u> ft. after _____ hours pumping _____ gpm
	Est. Yield <u>Unknown</u> gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) <u>Observation</u> 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes _____ No <input checked="" type="checkbox"/> If yes, mo/day/yr _____ Sample was submitted _____ Water well disinfected? Yes _____ No <input checked="" type="checkbox"/>	

5 TYPE OF CASING USED:	CASING JOINTS: <input checked="" type="checkbox"/> Glued <input type="checkbox"/> Clamped
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) _____ 2 PVC 4 ABS 7 Fiberglass _____ Welded _____ Threaded _____	
Blank casing diameter <u>2 1/2</u> in. to <u>215</u> ft., Diameter _____ in. to _____ ft., Diameter _____ in. to _____ ft.	
Casing height above land surface <u>24</u> in., weight <u>1.10</u> lbs./ft. Wall thickness or gauge No. <u>203</u>	
TYPE OF SCREEN OR PERFORATION MATERIAL:	
1 Steel 3 Stainless Steel 5 Fiberglass 7 PVC 9 ABS 11 Other (Specify) _____ 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole)	
SCREEN OR PERFORATION OPENINGS ARE:	
1 Continuous slot 3 Mill slot 5 Gauzed wrapped 7 Torch cut 9 Drilled holes 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped 8 Saw Cut _____ 10 Other (Specify) _____	
SCREEN-PERFORATED INTERVALS: From <u>215</u> ft. to <u>225</u> ft., From _____ ft. to _____ ft. From _____ ft. to _____ ft., From _____ ft. to _____ ft.	
GRAVEL PACK INTERVALS: From <u>185</u> ft. to <u>232</u> ft., From _____ ft. to _____ ft. From _____ ft. to _____ ft., From _____ ft. to _____ ft.	

6 GROUT MATERIAL: 1 Neat Cement 2 Cement grout 3 Bentonite 4 Other <u>Bentonite Holeplug</u>	
Grout Intervals: From <u>4</u> ft. to <u>185</u> ft., From _____ ft. to _____ ft., From <u>0</u> ft. to <u>4</u> ft.	
What is the nearest source of possible contamination:	
1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide Storage 16 Other (specify below) 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer Storage 15 Oil well/gas well <u>None known</u>	
Direction from well? _____	How many feet? _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3	Topsoil	107	122	Sand and gravel, medium to fine
3	15	Clay, brown, silty, hard	122	131	Clay, tan and white, hard, silty, with streaks, cemented sand
15	29	Clay, light gray, hard			
29	38	Sand and gravel, medium to fine	131	133	Sand and gravel, medium to fine
38	47	Clay, gray, hard	133	135	Clay, brown, hard
47	71	Sand and gravel, coarse to fine	135	142	Cemented sand, hard, and clay, white
71	79	Clay, tan and white, hard	142	151	Sand and gravel, medium to fine
79	86	Sand and gravel, medium to fine, with clay streaks, tan	151	153	Cemented sand, hard
			153	154	Sand and gravel, medium to fine, with clay streaks, brown
86	103	Clay, white, hard, with streaks, cemented sand			
103	107	Clay, tan and white, hard, silty	154	161	Clay, brown, hard, with gravel streaks

CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed (2) reconstructed (3) plugged under my jurisdiction and was completed on (mo/day/year) 07-10-07 and this record is true to the best of my knowledge and belief.
 Kansas Water Well Contractor's License No. 185 This Water Well Record was completed on (mo/day/year) 07-11-07
 Under the business name of Clarke Well & Equipment, Inc. by (signature)

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.

