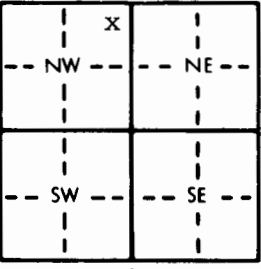


LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: <u>Harvey</u>	<u>N E 1/4 NE 1/4 NW 1/4</u>	<u>9</u>	<u>T 22 S</u>	<u>R 3 E/W</u>

Distance and direction from nearest town or city street address of well if located within city?

Approx. 7 mi. north of Burrton and 1/2 east

WATER WELL OWNER:	<u>John & Paul Ratzlaff</u>
RR#, St. Address, Box #:	<u>Route 1</u>
City, State, ZIP Code:	<u>Moundridge, KS 67107</u>
	Board of Agriculture, Division of Water Resources
	Application Number: <u>n/a</u>

LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	DEPTH OF COMPLETED WELL: <u>220</u> ft. ELEVATION: <u>unknown</u>
	Depth(s) Groundwater Encountered 1. <u>49</u> ft. 2. <u>49</u> ft. 3. <u>49</u> ft.
	WELL'S STATIC WATER LEVEL <u>49</u> ft. below land surface measured on mo/day/yr <u>3/23/85</u>
	Pump test data: Well water was <u>not ck'd</u> ft. after <u> </u> hours pumping <u> </u> gpm
	Est. Yield <u>1500</u> gpm: Well water was <u> </u> ft. after <u> </u> hours pumping <u> </u> gpm
	Bore Hole Diameter <u>24</u> in. to <u>220</u> ft., and <u> </u> in. to <u> </u> ft.
	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>2 Irrigation</u> 4 Industrial 7 Lawn and garden only 10 Observation well
	Was a chemical/bacteriological sample submitted to Department? Yes <u> </u> No <u>X</u> If yes, mo/day/yr sample was submitted <u> </u>
	Water Well Disinfected? Yes <u> </u> No <u>X</u>

TYPE OF BLANK CASING USED:	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued <u> </u> Clamped <u> </u>
1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below) <u>Welded XX</u>
2 PVC	4 ABS	7 Fiberglass	<u>Threaded</u>

Blank casing diameter 16 in. to 100 ft., Dia. in. to ft., Dia. in. to ft.
Casing height above land surface 12 in., weight 31.66 lbs./ft. Wall thickness or gauge No. 188

TYPE OF SCREEN OR PERFORATION MATERIAL:	7 PVC	10 Asbestos-cement
1 Steel	3 Stainless steel	5 Fiberglass
2 Brass	4 Galvanized steel	8 RMP (SR)
	6 Concrete tile	9 ABS
		11 Other (specify) <u> </u>
		12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:	5 Gauzed wrapped	8 Saw cut	11 None (open hole)
1 Continuous slot	3 Mill slot	6 Wire wrapped	9 Drilled holes
2 Louvered shutter	4 Key punched	7 Torch cut	10 Other (specify) <u>Doerr Bridge Slot</u>

SCREEN-PERFORATED INTERVALS:	From <u>100</u> ft. to <u>220</u> ft.	From <u> </u> ft. to <u> </u> ft.
	From <u> </u> ft. to <u> </u> ft.	From <u> </u> ft. to <u> </u> ft.
GRAVEL PACK INTERVALS:	From <u>100</u> ft. to <u>220</u> ft.	From <u> </u> ft. to <u> </u> ft.
Annular fill	From <u>10</u> ft. to <u>50</u> ft.	From <u> </u> ft. to <u> </u> ft.

GROUT MATERIAL:	1 Neat cement	2 Cement grout	3 Bentonite	4 Other <u> </u>
Grout Intervals:	From <u>0</u> ft. to <u>10</u> ft.	From <u> </u> ft. to <u> </u> ft.	From <u> </u> ft. to <u> </u> ft.	From <u> </u> ft. to <u> </u> ft.

What is the nearest source of possible contamination:	10 Livestock pens	14 Abandoned water well
1 Septic tank	4 Lateral lines	7 Pit privy
2 Sewer lines	5 Cess pool	8 Sewage lagoon
3 Watertight sewer lines	6 Seepage pit	9 Feedyard
		11 Fuel storage
		12 Fertilizer storage
		13 Insecticide storage
		16 Other (specify below) <u>FIELD</u>
Direction from well? <u>all</u>		How many feet? <u> </u>

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	6	Topsoil			
6	65	Brown & green clay			
65	80	Very fine sand & gravel, & fine sand			
80	82	Gray clay			
82	120	Sand & gravel, very fine to fine w/ streaks of green clay			
120	135	Sand & gravel, very fine clean			
135	193	Sand & gravel, very fine to fine, some med. clean			
193	198	Light brown clay - soft			
198	215	Sand & gravel, very fine to fine, clean			
215	220	Red & gray shale			

CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) <u>constructed</u> , (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>3/23/85</u> and this record is true to the best of my knowledge and belief, Kansas
Water Well Contractor's License No. <u>185</u> This Water Well Record was completed on (mo/day/yr) <u>4/3/85</u>
under the business name of <u>Clarke Well & Eq., Inc.</u> by (signature) <u>[Signature]</u>

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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.