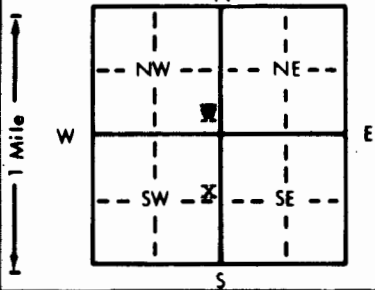


1 LOCATION OF WATER WELL: County: **Ottawa** Fraction: **SE 1/4 NE 1/4 SW 1/4** Section Number: **17** Township Number: **T 10 S** Range Number: **R 3 E/W**

Distance and direction from nearest town or city street address of well if located within city?
1 East 3 North Minneapolis

2 WATER WELL OWNER: **Charles Carlson**
 RR#, St. Address, Box #: **Route 3 Minneapolis, Kansas 67467**
 City, State, ZIP Code: **Minneapolis, Kansas 67467**
 Board of Agriculture, Division of Water Resources
 Application Number: _____

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL: **59** ft. ELEVATION: **~1320'**
 Depth(s) Groundwater Encountered 1. _____ ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: **20** ft. below land surface measured on mo/day/yr **10/22/1981**
 Pump test data: Well water was **NA** ft. after _____ hours pumping _____ gpm
 Est. Yield **20** gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: **8** in. to **59** ft., and _____ in. to _____ ft.
 WELL WATER TO BE USED AS:
 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial
 5 Public water supply 6 Oil field water supply 7 Lawn and garden only
 8 Air conditioning 9 Dewatering 10 Observation well
 11 Injection well 12 Other (Specify below) _____
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No ; If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes No _____

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

Blank casing diameter: **5** in. to **39** ft., Dia. _____ in. to _____ ft., Dia. _____ in. to _____ ft.
 Casing height above land surface: **12** in., weight _____ lbs./ft. Wall thickness or gauge No. **258**

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

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

SCREEN-PERFORATED INTERVALS: From **39** ft. to **59** ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From **14** ft. to **59** ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: Neat cement 2 Cement grout 3 Bentonite 4 Other _____
 Grout Intervals: From **4** ft. to **14** ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.

What is the nearest source of possible contamination:
 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below) _____

Direction from well? ~~North~~ ~~South~~ **Southwest** How many feet? **200**

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	topsoil			
2	3	sandrock			
3	6	brown clay			
6	7	sandrock			
7	17	blue clay			
17	19	sandrock			
19	26	blue clay			
26	28	sandrock			
28	37	blue clay			
37	60	sandrock			
60		stop			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was () constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) **10/22/1981** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **359**. This Water Well Record was completed on (mo/day/yr) **10/23/1981** under the business name of **Daryl Cox & Sons Inc.** by (signature) *Daryl Cox*

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.

OFFICE USE ONLY
T
10
R
3
EW
SEC
17
SE
NE
SW