3679 H9

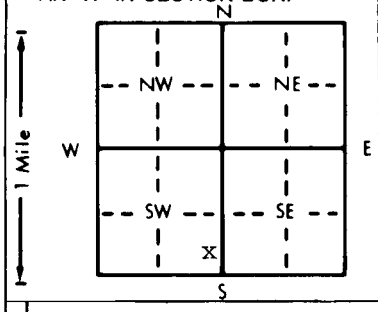
WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: Harvey | Fraction: SE ¼ SE ¼ SW ¼ | Section Number: 29 | Township Number: T 23 S | Range Number: R 2 E/W

Distance and direction from nearest town or city street address of well if located within city?
Approximately 2 1/2 miles west and 1 mile north of Halstead

2 WATER WELL OWNER: City of Wichita
RR#, St. Address, Box # : 455 N. Main
City, State, ZIP Code : Wichita, KS 67202
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 160 ft. ELEVATION: unknown
Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 54.8 ft. below land surface measured on mo/day/yr 5-9-97
Pump test data: Well water was not ch'd ft. after hours pumping gpm
Est. Yield unknown gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter 6 in. to 175 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 Monitoring well 11 Injection well 12 Other (Specify below) Piezometer
Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yr sample was submitted
Water Well Disinfected? Yes No X

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 X Clamped Welded Threaded
Blank casing diameter 2 in. to 156 ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface 24 in., weight .96 lbs./ft. Wall thickness or gauge No. .218

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC 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 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole)

SCREEN-PERFORATED INTERVALS: From 156 ft. to 166 ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 154 ft. to 175 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 Bentonite Holeplug
Grout Intervals: From ft. to ft., From ft. to ft., From 0 ft. to 154 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) none known
Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG
0	4	Topsoil
4	9	Clay, Brown, hard
9	28	Sand and gravel, coarse, medium, fine
28	44	Clay, black, and gray, hard
44	54	Clay, gray, soft
54	61	Clay, green, soft
61	66	Sand, medium and fine
66	83	Clay, white and brown, soft
88	106	Sand, medium and fine
106	118	Clay, green, hard
118	136	Clay, white, hard
136	144	Sand, medium and fine
144	149	Clay, white, hard
149	174	Sand, medium and fine

FROM	TO	PLUGGING INTERVALS
174	175	Clay, white, hard

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 5-9-97 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/yr) 5-30-97
under the business name of Clarke Well & Equipment, Inc. by (signature)

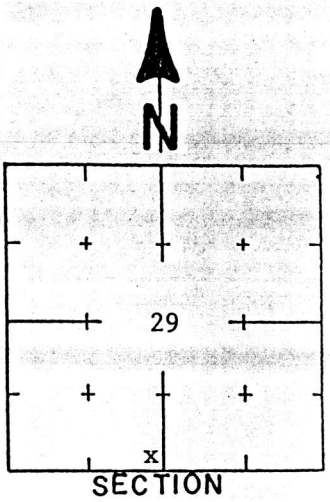
INSTRUCTIONS: Use typewriter or ball point pen. *PLEASE PRESS FIRMLY* and *PRINT* clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY T R E/W SEC. ¼ ¼ ¼

CLARKE WELL & EQUIPMENT, INC.

WELL RECORD

DESIGN & CONSTRUCTION SHEET



JOB NUMBER 3679

WELL OWNER City of Wichita WELL NO. H9

WELL USE Piezometer APPROPRIATION NO. _____

LOCATION SE 1/4 SE 1/4 SW 1/4, SECTION NO. 29

T 23 S, R 2 W/E Harvey COUNTY Kansas
State

90 FSL, 2952 FEL

SIZE HOLE 6 "DIA.

SIZE CASING 2 " DIA. .218 WALL; WT. .96 LBS/FT PVC MATERIAL

SIZE SCREEN 2 " DIA. .218 WALL PVC MATERIAL .030 Mill SLOT/HOLE

FORMATION LOG. From test no. from	to		Formation Thickness	From ground level	From	To	Ftg.
0	4	Topsoil		Casing	0	156	156
4	9	Clay, brown, hard		Screen	156	166	10
9	28	Sand and gravel, coarse, medium,					
		fine					
28	44	Clay, black and gray, hard					
44	54	Clay, gray, soft					
54	61	Clay, green, soft					
61	66	Sand, medium and fine					
66	83	Clay, green, soft					
83	88	Clay, white and brown, soft					
88	106	Sand, medium and fine					
106	118	Clay, green, hard					
118	136	Clay, white, hard					
136	144	Sand, medium and fine					
144	149	Clay, white, hard					
149	174	Sand, medium and fine		CASING LEFT ABOVE GROUND			2
174	175	Clay, white, hard		TOTAL CASING & SCREEN			160

STATIC WATER LEVEL 54.8 From ground level CHLORINATE none QUANITY USED

GRAVEL PACK		ANNULAR SEAL		
154	TO 175	0	TO 154	Bentonite Holeplug
	TO		TO	

WHAT IS THE NEAREST SOURCE OF POSSIBLE CONTAMINATION None known

DIRECTION FROM WELL _____ HOW MANY FEET _____

DESIGNED BY _____ DRILLED BY Edward Cass DATE 5-9-97