WATER WELL RECORD Form WWC-5 KSA 82a-1212 M W #1

1 LOCATION OF WATER WELL:

County: Sedgwick

Fraction: NW NE NE SW (~~SE~~ ¼ ~~SE~~ ¼ ~~NW~~ ¼)

Section Number: 12

Township Number: T 29 S

Range Number: R 1 E/~~W~~

Distance and direction from nearest town or city street address of well if located within city?
140.5 ft. south of Kay Street in alley between Water and Buckner Streets in Derby, KS.

2 WATER WELL OWNER: Kansas Department of Health & Environment

RR#, St. Address, Box # : Forbes Field, Building 740

City, State, ZIP Code : Topeka, KS 66620-7500

Board of Agriculture, Division of Water Resources
Application Number: N/A

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

N / NW / NE / W / E / SW / SE / S — 1 Mile

4 DEPTH OF COMPLETED WELL 48 ft. ELEVATION: 1,266.52 (TOC)

Depth(s) Groundwater Encountered 1. ..... ft. 2. ..... ft. 3. ..... ft.

WELL'S STATIC WATER LEVEL 3/.3 ft. below ~~land surface~~ TOC measured on mo/day/yr 9/10/91

Pump test data: Well water was ..... ft. after ..... hours pumping ..... gpm

Est. Yield ..... gpm: Well water was ..... ft. after ..... hours pumping ..... gpm

Bore Hole Diameter 8 in. to 48 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 #1 11 Injection well 12 Other (Specify below)

Was a chemical/bacteriological sample submitted to Department? Yes X No ; If yes, mo/day/yr sample was submitted 9/12/91 VOC analysis

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 ..... Clamped ..... Welded ..... Threaded X

Blank casing diameter 2 in. to 43 ft., Dia ..... in. to ..... ft., Dia ..... in. to ..... ft.

Casing height above ~~land surface~~ concrete pad 1.965 ft. weight Schedule 40 lbs./ft. Wall thickness or gauge No. .....

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 43 ft. to 48 ft., From ..... ft. to ..... ft.
From ..... ft. to ..... ft., From ..... ft. to ..... ft.

GRAVEL PACK INTERVALS: From 37 ft. to 48 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 .....

Grout Intervals: From 30.2 ft. to 37 ft., From 0 ft. to 30.2 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) VOCs have been detected in the groundwater

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	5	dk brn to red-brn sdy silt loam, friable			
5	7	dk reddish grey-brn silty clay			
7	8.5	reddish yellow-brn sdy silt, friable			
8.5	11	reddish grey-brn silty clay			
11	19	olive brn sdy silt, wet			
19	26	silty sd, med grained, some coarse, damp			
26	31	sd, med to coarse grained, some v.c.			
31	44	silty sd to sdy silt, f. to med grained, some coarse, trace gravel; thin clay zones at 37.5 and 40 ft.			
44	46	olive-brn silty clay			
46	50	dk blue-grey weathered sh(?) with chunks of impure limestone			
					KS Site ID # 00043946
					KDHE M W #1

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) 9/6/91 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. ..... This Water Well Record was completed on (mo/day/yr) 10/15/91 under the business name of Kansas Department of Health and Environment by (signature) Pamela K. Chaffee

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 Protection, Topeka, Kansas 66620-7320, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY T R E/W SEC. ¼ ¼ ¼