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

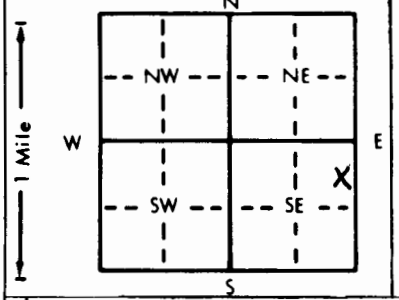
1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: HARVEY	¼ NE ¼ SE ¼	17	T 23 S	R 1 (E)W

Distance and direction from nearest town or city street address of well if located within city? Just west of main line UPRR between North/South portion of Kansas Street + between 5th + 6th Streets. Newton KS.

2 WATER WELL OWNER: USPCI/UPRR
RR#, St. Address, Box # : 5665 Flatiron Pkwy
City, State, ZIP Code : Boulder CO 80301

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 12.5 ft. ELEVATION: 1456.48'
Depth(s) Groundwater Encountered 1. ..... ft. 2. ..... ft. 3. ..... ft.
WELL'S STATIC WATER LEVEL 1.8 ft. below land surface measured on mo/day/yr 6/15/92
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 7 in. to 12.5 ft., and ..... in. to ..... 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)
2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well MW-6
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: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued ..... Clamped .....
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded .....
(2) PVC 4 ABS 7 Fiberglass Threaded ✓
Blank casing diameter 2" in. to 2.5 ft., Dia ..... in. to ..... ft., Dia ..... in. to ..... ft.
Casing height above land surface ~30" in., weight ..... lbs./ft. Wall thickness or gauge No. .....
TYPE OF SCREEN OR PERFORATION MATERIAL: (7) PVC 10 Asbestos-cement
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) .....
2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 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) .....
SCREEN-PERFORATED INTERVALS: From 2.5 ft. to 12.5 ft., From ..... ft. to ..... ft.
From ..... ft. to ..... ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From 1.5 ft. to 13.0 ~~+2.5~~ 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 1.0 ft. to 1.5 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.
What is the nearest source of possible contamination:
1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
13 Insecticide storage Unknown
Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
		See attached well log NKW-6	0.0	~~0~~ 3.0	native soil
		from time well drilled and	3.0	12.5	sodium bentonite pellets
		completed			

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) Feb 16, 1994 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) 7/11/94
under the business name of ..... by (signature) David G. Earnshaw

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

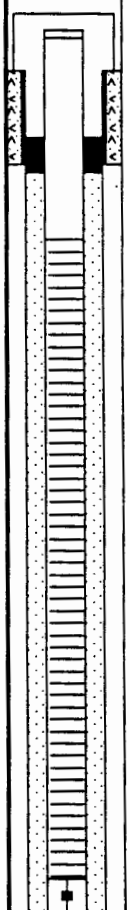
U.S
POLLUTION
CONTROL INC.
Remedial Services

LOG

BORING NO.

WELL NO. NKW-6

CLIENT: Union Pacific Railroad			JOB NUMBER: 96120 (056)
PROJECT: Newton Leaking UST		LOCATION: Newton, Kansas	
DRILLED BY: Fugro Geoscience	DRILLER: Jumbo Vogt		METHOD: 7" HSA
DATE START: 6-15-92	DATE COMP: 6-15-92	SURF. EL:1456.48'	TD: 13.0'
LOGGED BY: Bruce Zuccaro			DEPTH TO WATER: 1.8'



DPT	DESCRIPTION	GRAPHIC LOG USCS CODE	BLOW COUNT	OVM	SAMPLE NUMBER	TOC
0	0.0' – 3.9' Fill,Clay;sft,sl ptc,inorg,, abdt Sand,v cs grn, ocs Gravel,sbrd; v moist,wet blw 1.8'	AF		0.0 0.0		
5	3.9' – 6.4' CLAY; med bn,clean,v sft,ptc,inorg, ocs Sand,med grn,sl perm;wet	CH		0.0 0.0		
	6.4' – 8.1' CLAY; med bn,clean,sft,ptc,inorg, ocs Sand,carb,cs grn;wet				NEW8-8 NEW8-18 (dup)	
10	8.1' – 11.1' CLAY; v dk–v lt bn,clean,sft–fm,ptc,sl org, sl perm,rr Sand,carb,v f grn;wet	OH				
	11.1' – 13.0' SHALE (bedrock); lt–dk bu–gn,clean, carb,v fm,sl perm;wet	Sh				
	Total Depth = 13.0'					
15						
20						