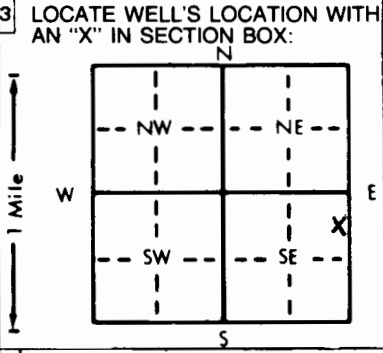


1 LOCATION OF WATER WELL: Fraction $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section Number 17 Township Number T 23 S Range Number R 1 EW
 County: HARVEY
 Distance and direction from nearest town or city street address of well if located within city? Just West of Main line UPRR between North/South Partition of KAWAS STREET between 5th & 6th Streets Newton KS.

2 WATER WELL OWNER: USPOE/UPRR
 RR#, St. Address, Box #: 5665 Flatiron PKWY Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Boulder CO 80301 Application Number:



4 DEPTH OF COMPLETED WELL: 12.5 ft. ELEVATION: 1455.71
 Depth(s) Groundwater Encountered 1. 7.0 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: 7.0 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:
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) M.W-5
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well
 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 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 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. schedule 40
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement 11 Other (specify)
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify)
 SCREEN-PERFORATED INTERVALS: From 2 ft. to 12 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 1.5 ft. to 12.5 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

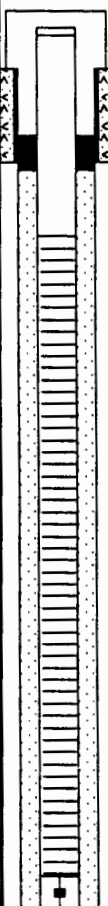
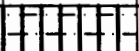
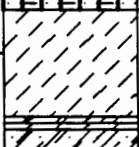
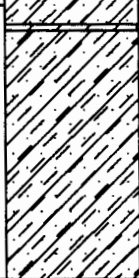
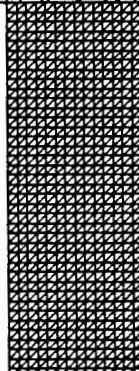
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
 Grout Intervals: From 1.0 ft. to 1.5 ft., From ft. to ft., From ft. to ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
 2 Sewer lines 5 Cess 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) unknown
 13 Insecticide storage
 Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
		See attached well log NKW-5 from time well drilled and completed	0	3'	native soil
			3'	12.5'	sodium bentonite pellets

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.

CLIENT: Union Pacific Railroad			JOB NUMBER: 98120 (058)		
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: 1455.71'	
LOGGED BY: Bruce Zuccaro			DEPTH TO WATER: 7.0'		

WELL COMP	DPT	DESCRIPTION	GRAPHIC LOG USCS CODE	BLOW COUNT	OVM	SAMPLE NUMBER
	0	0.0' - 0.8' Fill, Clay; v fm, sl ptc, inorg, abdt Gravel, subang; moist, sl oil stain	 AF		0.0	
		0.8' - 2.4' CLAY; dk bn, ocs bk, mtd, fm-v fm, ptc, ocs roots & org mat; sl perm; moist	 OH		0.0	NEW5-3
		2.4' - 7.0' CLAY; lt gnsh-bn, fm, ptc, inorg, sl perm, rr Sand, carb, stgrs @ 2.5'-2.8' & 3.2'-3.3', porous; moist	 OH		0.0	
		7.0' - 12.5' SHALE (transition zone); med-dk gn, clean, hd, sl porous, abdt Clay, dk gn, sft, ptc, inorg; wet	 Sh		0.0	
	15	Total Depth = 12.5'				
	20					

0.8