

1 LOCATION OF WATER WELL:	Fraction NW1/4	Section Number 6	Township Number T 12 S	Range Number R 24 E
County: Johnson	SE 1/4 SW 1/4 NW 1/4	6	T 12 S	R 24 E

Distance and direction from nearest town or city street address of well if located within city?

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2 WATER WELL OWNER: Deffenbaugh Industries, Inc.	Doepke-Holliday MW #6
RR#, St. Address, Box #: 18181 West 53rd Street	Board of Agriculture, Division of Water Resources
City, State, ZIP Code: Shawnee, Kansas 66217	Application Number: NA

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL: 37.5 ft. ELEVATION: 967.6 MSL
	Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
	WELL'S STATIC WATER LEVEL ft. below land surface measured on mo/day/yr
	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 5.5/8 in. to 37.5 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 Observation 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:	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 2.375 in. to 22.5 ft., Dia. in. to ft., Dia. in. to 154 ft.	
Casing height above land surface 18 in., weight 0.70 lbs./ft. Wall thickness or gauge No. 0.300 inches	
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 0.020 inches 6 Wire wrapped 9 Drilled holes	
2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)	
SCREEN-PERFORATED INTERVALS: From 37.5 ft. to 22.5 ft., From ft. to ft.	
GRAVEL PACK INTERVALS: From 37.5 ft. to 21.5 ft., From ft. to ft.	
V.F. Sand From 21.5 ft. to 19.5 ft., From ft. to ft.	

6 GROUT MATERIAL:	1 Neat cement 2 Cement grout 3 Bentonite 4 Other 1/4" Bentonite Pellets
Grout Intervals: From 0 ft. to 19.5 ft., From 19.5 ft. to 18.5 ft., From ft. to ft.	
What is the nearest source of possible contamination:	10 Livestock pens 14 Abandoned water well
1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well	
2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)	
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage Landfill	
Direction from well? West and South	How many feet? 70 and 100

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0.0	1.5	Ls. boulder (fill material)			br. to reddish br. broken de-
1.5	4.0	clay-dk. br. wet to moist (weathered reworked fill material)			calcified - fine grained - dry (Spring Hill Ls.mb.)
4.0	6.0	ls. boulders & rubble clays (fill material)	19.5	24.5	ls. and shales - reddish br. to dk. brown to varied colored - alternatin
6.0	10.0	ls. rubble - boulders - wet with cavities -lost circulation (fill material)	24.5	27.5	layers (Spring Hill ls.mb.). Dry
10.0	15.5	ls. rubble with water (fill material)	27.5	28.5	ls. dense fine grained light gr. to whitish gr. - dry (Spring Hill ls.mb)
15.5	18.5	sandstone and shales, olive gray to dk. gray shales and reddish br. sandstones, very fine grained, loosely cemented. Wet to dry. Good circulation (Vilas Sh.fm.)	28.5	31.5	ls. weathered broken dk.br. wet (like joint set solution cavity) soft(Hickory Creek sh.mb.?)
18.5	19.5	Ls. weathered soft to hard - dk.			ls. hard dense fine grained - dk. gr. to whitish gr. dry (Merriam Ls.mb.?)

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) January 29, 1988 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 483 This Water Well Record was completed on (mo/day/yr) February 5, 1988 under the business name of Total Environmental Services & Technologies (signature) Dwight Brinkley
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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.

1 LOCATION OF WATER WELL:	Fraction	NW1/4	Section Number	Township Number	Range Number
County: Johnson	SE 1/4 SW 1/4 NW 1/4	6	T 12 S	R 24	EW

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	City, State, ZIP Code : Shawnee, Kansas 66217	Application Number: NA

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

4 DEPTH OF COMPLETED WELL: 37.5 ft. ELEVATION: 967.6 MSL

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

WELL'S STATIC WATER LEVEL \_\_\_\_\_ ft. below land surface measured on mo/day/yr \_\_\_\_\_

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 5.518 in. to 37.5 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
2 Irrigation	4 Industrial	7 Lawn and garden only
		10 Observation well

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	3 RMP (SR)	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued . . . . . Clamped . . . . .
2 <u>PVC</u>	4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded . . . . .
		7 Fiberglass		<u>Threaded</u> . . . . .

Blank casing diameter 2 3/4 in. to 22 1/2 ft., Dia . . . . . in. to . . . . . ft., Dia . . . . . in. to . . . . . ft.

Casing height ~~above~~ land surface 150 in., weight . . . . . lbs./ft. Wall thickness or gauge No. . . . .

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)	10 Asbestos-cement
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS	11 Other (specify) . . . . .
				12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:

1 Continuous slot	4 <u>Mill slot</u>	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 37 1/2 ft. to 22 1/2 ft., From . . . . . ft. to . . . . . ft.

From . . . . . ft. to . . . . . ft., From . . . . . ft. to . . . . . ft.

GRAVEL PACK INTERVALS: From 37 1/2 ft. to 21 1/2 ft., From . . . . . ft. to . . . . . ft.

From 21 1/2 ft. to 19 1/2 ft., From . . . . . ft. to . . . . . ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other 14" Bentonite Pellets

Grout Intervals: From 0 ft. to 19.5 ft., From 19.5 ft. to 18.5 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)
Direction from well? West and South			13 Insecticide storage	Land fill
			How many feet?	70 and 100

[illegible]

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) . January . 29 ., 1988 . . . . . and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. . 483 . . . . . This Water Well Record was completed on (mo/day/yr) February . 5 ., 1988 . . . . . under the business name of Total Environmental Services & Technologies by (signature) *Donna B. Bruck*

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