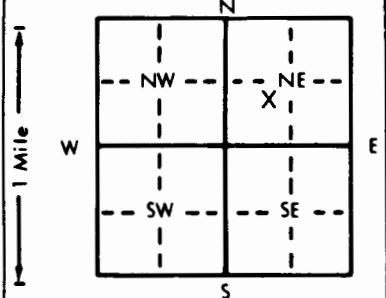


1. LOCATION OF WATER WELL: Fraction NE 1/4 SW 1/4 NE 1/4 Section Number 5 Township Number T 20 S Range Number R 4 **EW**
 County: Marion

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

2. WATER WELL OWNER: St. Luke's Hospital
 RR#, St. Address, Box #: 1014 East Melvin Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Marion, KS 67114 Application Number:

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



4. DEPTH OF COMPLETED WELL: 55 ft. ELEVATION:
 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: 8 3/4 in. to 19 ft. and 3 5/8 in. to 55 ft.
 WELL WATER TO BE USED AS:
 1 Domestic 3 Feedlot 5 Public water supply 8 Air conditioning 11 Injection well
 2 Irrigation 4 Industrial 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 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 40 ft. Dia. in. to ft. Dia. in. to ft.
 Casing height above land surface: 12 in., weight lbs./ft. Wall thickness or gauge No. Sch. 40
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify)
 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 40 ft. to 55 ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 38 ft. to 55 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 ft. to 33 ft., From 33 ft. to 38 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
 Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
00	9.0	Clay-Dk. brown, dry, stiff, tight, no odor			
9.0	10.0	Clay-Brown, dry, very stiff, tight			
10.0	13.5	Limestone-Lt. grey, highly weathered, grading, intermixed w/clay, dry			
13.5	19.0	Clay-Lt. brown, very stiff, dry w/limestone fragments, no odor			
19.0	20.0	Shale-Tan, med. hardness, mod. weathered, dry			
20.0	20.5	Shale-lt. tan, hard, dry, no odor			
20.5	21.0	Limestone-Lt. grey, hard, dry			
21.0	22.0	Shale-Lt tan, med. hardness, mod. weathered, dry			
22.0	23.5	Shale-Lt. brown, very soft, highly weathered, dry, no odor			
23.5	26.0	Shale-Tan, soft, highly weathered, dry, no odor			
26.0	28.0	Shale-Lt. tan to tan, med. hardness, mod. weathered, dry, no odor			
28.0	30.5	Shale-Lt. brown to tan, med. hardness, mod. weathered, dry, no odor			
30.5	33.5	Alt. Limestone & Shale layers, very thin Limestone-lt. grey, hard, dry Shale-Lt. tan			
33.5	36.0	Shale-Tan, med. hardness, mod. weathered, dry, no odor			
36.0	39.0	Shale-Gray, med. hardness, mod. weathered, dry, no odor			

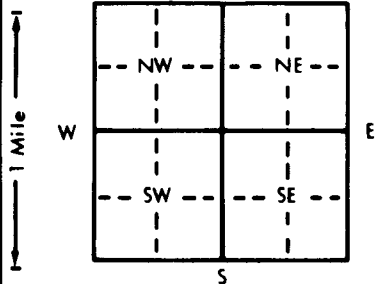
7. CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 10/18/95 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 549 This Water Well Record was completed on (mo/day/yr) 1/31/96 under the business name of J & R Drilling Services, Inc. by (signature)

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number	
County: Marion		NE 1/4	SW 1/4	NE 1/4	5	T 20	S	R 4	EW

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

2 WATER WELL OWNER: St. Luke's Hospital
 RR#, St. Address, Box # : 1014 East Melvin
 City, State, ZIP Code : Marion, KS 67114
 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 ft. ELEVATION: ft.

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 in. to 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
		9 Dewatering
		10 Monitoring well
		12 Other (Specify below)

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 in. to ft., Dia in. to ft., Dia in. to ft.

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

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel	3 Stainless steel	5 Fiberglass	7 PVC	10 Asbestos-cement
2 Brass	4 Galvanized steel	6 Concrete tile	8 RMP (SR)	11 Other (specify)
			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 ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From ft. to ft., From ft. to ft.

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

Grout Intervals: From ft. to 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	

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
39.0	40.3	Shale-Lt. gray to tan, med. hardness, mod. weathered, dry, no odor			
40.5	42.0	Shale-Brown to tan, med. hardness, mod. weathered, dry, no odor			
42.0	43.0	Shale-Tan to lt. tan, soft, highly weathered, no odor			
43.0	46.0	Shale-Grey, soft, dry, highly weathered, no odor			
46.0	47.0	Shale-Brown, hard, mod. weathered, dry, no odor			
47.0	47.5	Shale-Red, soft, dry			
47.5	49.5	Shale-Grey, soft, highly weathered, dry, no odor			
49.5	55.0	Shale-Red, med. hardness, soft, mod. weathered, dry, no odor			

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) 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) under the business name of by (signature)