

LOCATION OF WATER WELL: Fraction SW 1/4 NE 1/4 NE 1/4 Section Number 1 Township Number 7 T 1 S Range Number R 17 E
 County: BROWN
 Distance and direction from nearest town or city street address of well if located within city?
Reserve KS. 5 1/2 E 2 N

2 WATER WELL OWNER: DON & SHARAN KIRL
 RR#, St. Address, Box #: RT1.
 City, State, ZIP Code: Hiwatha, KS. 66434
 Board of Agriculture, Division of Water Resources
 Application Number:

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

4 DEPTH OF COMPLETED WELL: 256 ft. ELEVATION: 986' ft. below land surface measured on mo/day/yr 8-13-82

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

WELL'S STATIC WATER LEVEL 986' ft. below land surface measured on mo/day/yr 8-13-82

Pump test data: Well water was 102' ft. after 4 hours pumping 30 gpm

Est. Yield _____ gpm: Well water was 102.6' ft. after 1.6 hours pumping 30 gpm

Bore Hole Diameter 7 3/4" in. to 20' ft., and 7" in. to 256 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
		12 Other (Specify below)

Was a chemical/bacteriological sample submitted to Department? Yes _____ No X; If yes, mo/day/yr sample was submitted _____

Water Well Disinfected? Yes X No _____

5 TYPE OF BLANK CASING USED:

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

Blank casing diameter 5" in. to 171 ft., Dia. _____ in. to _____ ft., Dia. _____ in. to _____ ft.

Casing height above land surface 18" in., weight 289 lbs./ft. Wall thickness 0.265 in.

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	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 171 ft. to 256 ft., From _____ ft. to _____ ft.

GRAVEL PACK INTERVALS: From 19' ft. to 256 ft., From _____ ft. to _____ ft.

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

Grout Intervals: From 5 ft. to 19 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 <u>75'</u>	14 Abandoned water well
2 Sewer lines	5 Cess pool	⑧ Sewage lagoon <u>2200'</u>	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	LITHOLOGIC LOG
0	5	N.S. TOP SOIL	85.0	85.6	LS GRAY
5	15.5	silt to clay Br	85.6	89.5	Shale GRAY (interbedded LS)
15.5	16.0	LS Br.	89.5	91.0	Shale dk GRAY
16.0	24.5	Shale Br.	91.0	100.0	LS - GRAY (lost c'rr)
24.5	27.2	Shale GRAY	100	133.0	Shale ?
27.2	29.0	LS med gray	133	136.2	LS ?
29.0	33.0	Shale Br	136.2	138.0	Shale ?
33.0	36.0	Shale GRAY	138.0	143.0	LS ?
36.0	40.0	Shale med GRAY	143.0	157.0	Shale ?
40.0	42.0	Shale Br	157.0	157.8	LS ?
42.0	53.0	LS Br	157.8	163.0	Shale ?
53.0	62.0	Shale GRAY (inter Bedded LS)	163.0	163.5	LS ?
62.0	63.0	Shale GRAY (some Red Mottling)	163.5	193.0	Shale ?
63.0	67.5	LS Br	193.0	195.2	LS ?
67.5	85.0	Shale GRAY	195.2	256	SS ?

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) 8-12-82 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 308 This Water Well Record was completed on (mo/day/yr) 8-11-82 under the business name of Rieschick Drilling by (signature) Ray Rieschick

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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.