

1 LOCATION OF WATER WELL: County: Stevens Fraction: NE 1/4 SE 1/4 Section Number: 1 Township Number: T 34 S Range Number: R 37 E/W

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

2 WATER WELL OWNER: Ruth Smith
RR#, St. Address, Box #: 525 Jayhawk Ave
City, State, ZIP Code: Hugoton, KS 67951
Board of Agriculture, Division of Water Resources
Application Number:

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

N			
- NW -		- NE -	
- SW -		- SE -	
W			E
			S

4 DEPTH OF COMPLETED WELL: 292 ft. **ELEVATION:** 9-25-03 ft.

Depth(s) Groundwater Encountered: 1 141 ft. 2 141 ft. 3 141 ft.

WELL'S STATIC WATER LEVEL: 141 ft. below land surface measured on mo/day/yr 9-25-03

Pump test data: Well water was 141 ft. after 1 hours pumping 30 gpm

Est. Yield 50 gpm: Well water was 141 ft. after 1 hours pumping 30 gpm

WELL WATER TO BE USED AS:

5 Public water supply	8 Air conditioning	11 Injection well
6 Domestic	3 Feedlot	6 Oil field water supply
9 Dewatering	12 Other (Specify below)	
2 Irrigation	4 Industrial	7 Domestic (lawn & garden)
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 <u>✓</u> Clamped <u>✓</u>
2 PVC	4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded <u>✓</u>
		7 Fiberglass		Threaded <u>✓</u>

Blank casing diameter 5 in. to 252 ft., Dia 252 in. to 252 ft., Dia 252 in. to 252 ft.

Casing height above land surface 24 in., weight 200 lbs./ft. Wall thickness or gauge No. 200

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	2 Mill slot	5 Guazed 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 252 ft. to 292 ft., From 252 ft. to 292 ft., From 252 ft. to 292 ft.

GRAVEL PACK INTERVALS: From 20 ft. to 292 ft., From 20 ft. to 292 ft., From 20 ft. to 292 ft.

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

Grout Intervals: From 4 ft. to 20 ft., From 20 ft. to 292 ft., From 20 ft. to 292 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? N How many feet? 2500

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	90	Sand			
90	110	reddish brown clay			Northern 5" SDR-21
110	170	sand + gravel			200 PSI @ 73°F PVC 1120
170	240	brown sandy clay			ASTM D-2241 B1373
240	288	sand + gravel			6-X80 DR65A
288	292	brown clay			
		5" Eagle PVC 1120 SDR-17 250 PSI			
		@ 73°F ASTM D-2241 NSF PW 102H			
		Casing 10" 0 ASTM F-480-94 NSF PW			
		BLD 41 Hastings, NE 11-25-01 199			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (3) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 9-29-03 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No 101 This Water Well Record was completed on (mo/day/yr) 10-7-03 under the business name of Bartel Well Drilling, Inc. by (signature) Robert J. Bartel

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, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.