

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number			
County: <u>RILEY</u>		SW ¼ SE ¼ NE ¼		29		T 10 S		R 8E E/W			
Distance and direction from nearest town or city street address of well if located within city? <u>2 miles south of Manhattan</u>											
2 WATER WELL OWNER: <u>Beverly Macy</u> <u>Bill's Elec.</u>											
RR#, St. Address, Box #: <u>15 Perry Rd.</u>											
City, State, ZIP Code: <u>Manhattan, KS 66502</u> <u>HEAT PUMP HOLES</u>											
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: <u>170</u> ft. ELEVATION:							
				Depth(s) Groundwater Encountered 1. _____ ft. 2. _____ ft. 3. _____ ft.							
				WELL'S STATIC WATER LEVEL <u>100'</u> ft. below land surface measured on mo/day/yr <u>4/06/98</u>							
				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:							
1 Domestic				3 Feedlot		6 Oil field water supply		8 Air conditioning		11 Injection well	
2 Irrigation				4 Industrial		7 Lawn and garden only		10 Monitoring well		12 Other (Specify below)	
										<u>HEAT PUMP</u>	
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		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 _____ ft. to _____ ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.											
GRAVEL PACK INTERVALS: 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 _____ 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? <u>south</u> How many feet? <u>200'</u>											
FROM		TO		LITHOLOGIC LOG		FROM		TO		PLUGGING INTERVALS	
0		1		Clay-Br		55		57		Shale-Gr	
1		6		Shale-Tan		57		60		Shale-Tan	
6		9		Shaley LS-Gr		60		67		Shale-Red	
9		15		Shale-Tan		67		69		Shale-Gr	
15		16		Shale-Gr		69		79		LS-Tan	
16		21		Shale-Tan		79		82		LS-Y-Loose- 5 GPM	
21		25		Shale-Grey		82		85		LS-Yellow	
25		31		LS-Yellow		85		86		Shale-Gr	
31		33		Shale-Grey		86		87		Shale-Blk	
33		38		LS-Yellow		87		88		LS-Grey	
38		42		Shale-Grey		88		90		Shale-Gr	
42		50		Shaley LS-Gr		90		92		Shaley LS-Gr	
50		52		LS-Grey		92		97		Shale-Gr	
52		54		Shaley LS-Gr		97		99		LS-Grey	
54		55		Shale-Red		99		101		Shale-Grey (log continued page 2)	
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) <u>constructed</u> , (2) <u>reconstructed</u> , or (3) <u>plugged</u> under my jurisdiction and was completed on (mo/day/year) <u>4/02/98</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>182</u> This Water Well Record was completed on (mo/day/yr) <u>4-23-98</u> under the business name of <u>STRADER DRILLING CO., INC.</u> by (signature) <u>Delester</u>											
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.											

OFFICE USE ONLY

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1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number
County:		1/4 1/4 1/4		T S	R E/W
Distance and direction from nearest town or city street address of well if located within city?					
2 WATER WELL OWNER: Beverly Macy					
RR#, St. Address, Box # : 15 Perry Rd.				Board of Agriculture, Division of Water Resources	
City, State, ZIP Code : Manhattan, KS				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 9 Dewatering 12 Other (Specify below) 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 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 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 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
		(continued from page 1)	162	170	Shale-Grey
101	103	Limestone-Gr			
103	104	Shale-Grey			
104	108	Shale-Tan			
108	109	Limestone-Tan			
109	118	Shale-Tan			
118	121	Shale-Red			
121	127	Shale-Tan			
127	130	LS-Tan			
130	141	Shale-Grey			
141	142	LS-tan-Loose			
142	144	Shale-Tan			
144	151	Shale-Grey			
151	156	LS-Tan-Loose 6 GPM			
156	162	LS-Tan			
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) 4/02/98 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 182 This Water Well Record was completed on (mo/day/yr) 4-23-98 under the business name of STRADER DRILLING CO., INC. by (signature) Dale Hickson					