

1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number
County: McPherson		NE 1/4 NE 1/4 SE 1/4	34	T 19 S	R 3W E/W
Distance and direction from nearest town or city street address of well if located within city?					
1 mile SE of McPherson, Ks.					
2 WATER WELL OWNER: Howard Schmidt		Obsv. No. 6		Board of Agriculture, Division of Water Resources	
RR#, St. Address, Box #: Box 131				Application Number:	
City, State, ZIP Code: McPherson, KS 67460					
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 64 ft. ELEVATION: 1494.70 (Top Casing)			
		Depth(s) Groundwater Encountered 1. 60.87 ft. 2. ft. 3. ft.			
		WELL'S STATIC WATER LEVEL 60.87 ft. below land surface measured on mo/day/yr 3/19/86			
		Pump test data: Well water was ND ft. after hours pumping gpm			
		Est. Yield gpm: Well water was ft. after hours pumping gpm			
		Bore Hole Diameter 6 in. to 64 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 <u>Observation well</u>			
		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 PVC		4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded
			7 Fiberglass		Threaded X
Blank casing diameter 2 in. to 54 ft., Dia in. to ft., Dia in. to ft.					
Casing height above land surface 2.1 ft., weight lbs./ft. Wall thickness or gauge No. Sched 40					
TYPE OF SCREEN OR PERFORATION MATERIAL:					
1 Steel		3 Stainless steel	5 Fiberglass	7 <u>PVC</u>	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 <u>Mill slot</u>	5 Gauzed wrapped	8 Saw cut	11 None (open hole)
2 Louvered shutter		4 <u>Key punched</u>	6 Wire wrapped	9 Drilled holes	
			7 Torch cut	10 Other (specify)	
SCREEN-PERFORATED INTERVALS: From 54 ft. to 64 ft., From ft. to ft.					
GRAVEL PACK INTERVALS: From 52 ft. to 64 ft., From ft. to ft.					
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 <u>Bentonite</u> 4 Other					
Grout Intervals: From 0 ft. to 52 ft., From ft. to ft., From ft. to ft.					
What is the nearest source of possible contamination: ND					
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	LITHOLOGIC LOG
0	5	Clay, silty, dark gray-brown (McPherson Fm)			
5	12	Clay, sandy, red-brown to light brown			
12	18	Clay, compact, light brown and caliche			
18	22	Sand, fine to coarse, some gravel to 3 mm			
22	30	Clay, silty, light brown and gray, interbedded with sand, coarse-fine			
30	33.5	Gravel, fine to coarse and sand (to 10 mm)			
33.5	42	Clay, light gray-green and light brown, caliche Nods. 41 to 42			
42	47	Sand, fine to medium, interbedded with some clay, light brown			
47	63	Gravel, fine to medium; and sand; grades downward to gravel, fine to coarse and sand. Cemented calcareous zone 57 to 59 ft			
63	64	Shale, firm, yellow-green and light blue-gray (Top Permian)			
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) 3/18/86 and this record is true to the best of my knowledge and belief. Kansas					
Water Well Contractor's License No. 126 This Water Well Record was completed on (mo/day/yr) 4/3/86					
under the business name of Hydraulic Drilling Co. by (signature) <i>[Signature]</i>					
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.					