

1 LOCATION OF WATER WELL: County: McPherson	Fraction NE 1/4 NW 1/4 SE 1/4	Section Number 34	Township Number T 19 S	Range Number R 3W E/W
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Distance and direction from nearest town or city street address of well if located within city?
1 mile southeast of McPherson

2 WATER WELL OWNER: Howard Schmidt	Observation No. 5
RR#, St. Address, Box #: Box 131	Board of Agriculture, Division of Water Resources
City, State, ZIP Code: McPherson, Kansas 67460	Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL: 74 ft. ELEVATION: 1485.58 (top casing)
	Depth(s) Groundwater Encountered 1. 55.59 ft. 2. ft. 3. ft.
	WELL'S STATIC WATER LEVEL 55.59 ft. below land surface measured on mo/day/yr 3/19/86
	Pump test data: Well water was ND ft. after 1 hours pumping 5 gpm
	Est. Yield gpm: Well water was ft. after hours pumping gpm
	Bore Hole Diameter 6 in. to 7.4 ft., and in. to ft.
WELL WATER TO BE USED AS:	
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 Observation well	
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:	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued Clamped
1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)
2 PVC	4 ABS	7 Fiberglass	Welded
Blank casing diameter 2 in. to 6.4 ft., Dia. in. to ft., Dia. in. to ft.			Threaded. X
Casing height above land surface 1.8 ft. in., weight lbs./ft. Wall thickness or gauge No. Sched 40			
TYPE OF SCREEN OR PERFORATION MATERIAL:		7 PVC	10 Asbestos-cement
1 Steel	3 Stainless steel	8 RMP (SR)	11 Other (specify)
2 Brass	4 Galvanized steel	9 ABS	12 None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:		5 Gauzed wrapped	8 Saw cut
1 Continuous slot	3 Mill slot	6 Wire wrapped	9 Drilled holes
2 Louvered shutter	4 Key punched	7 Torch cut	10 Other (specify)
SCREEN-PERFORATED INTERVALS:		8 Saw cut	11 None (open hole)
From 64 ft. to 74 ft., From ft. to ft.			
GRAVEL PACK INTERVALS:	From 60 ft. to 74 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 0 ft. to 60 ft., From ft. to ft., From ft. to ft.				
What is the nearest source of possible contamination: ND		10 Livestock pens	14 Abandoned water well	
1 Septic tank	4 Lateral lines	7 Pit privy	11 Fuel storage	15 Oil well/Gas well
2 Sewer lines	5 Cess pool	8 Sewage lagoon	12 Fertilizer storage	16 Other (specify below)
3 Watertight sewer lines	6 Seepage pit	9 Feedyard	13 Insecticide storage	
Direction from well?		How many feet?		

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	1	Sand, silty, medium to fine (fill)			
1	4	Clay, sandy, gray and light brown (Top McPherson Fm)			
4	11	Clay, compact, light brown and caliche			
11	30	Clay, compact, light greenish-gray and light brown			
30	42	Clay, sandy, light brown and light gray; interbedded with sand, fine			
42	55	Sand, fine to coarse, some gravel to 2 mm			
55	63	Gravel, fine to medium and sand (to 5 mm)			
63	68	Clay, light brown and light gray			
68	73	Gravel, fine and sand			
73	74	Shale, red and green (Top Permian)			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) <u>constructed</u> , (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.