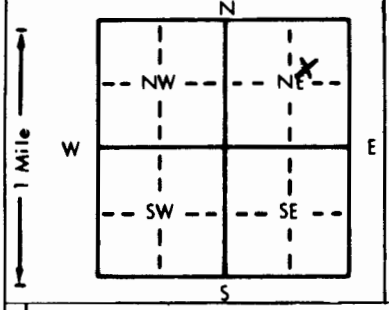
WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: Riley | Fraction: SW ¼ NE ¼ NE ¼ | Section Number: 7 | Township Number: T 9 (S) | Range Number: R 7 (E) W

Distance and direction from nearest town or city street address of well if located within city? From Manhattan Go West on 113 3 Miles To 177 Then Go North 3 Miles to Gumbo Hill Rd + Go ½ Mile To 63rd Ave. + Go 1 Mile North

2 WATER WELL OWNER: Richard Todd Smith
RR#, St. Address, Box # : 1920 Mill Road
City, State, ZIP Code : Manhattan, KS 66502
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 120' ft. ELEVATION:
Depth(s) Groundwater Encountered 1. 78' ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 70 ft. below land surface measured on mo/day/yr
Pump test data: Well water was ft. after hours pumping gpm
Est. Yield 2.5 gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter 9 in. to 120' ft., and in. to ft.
WELL WATER TO BE USED AS: (1 Domestic) 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Lawn and garden only 8 Air conditioning 9 Dewatering 10 Monitoring well 11 Injection well 12 Other (Specify below)
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: (2 PVC) 1 Steel 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below)
CASING JOINTS: Glued (Screwed) Clamped Welded Threaded
Blank casing diameter 5 in. to 100 ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface 2' in., weight Sch 40 lbs./ft. Wall thickness or gauge No.
TYPE OF SCREEN OR PERFORATION MATERIAL: (7 PVC) 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot (3 Mill slot) 31/1,000's 2 Louvered shutter 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole)
SCREEN-PERFORATED INTERVALS: From 100 ft. to 120 ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 25 ft. to 120 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 Enviroplug
Grout Intervals: From 0 ft. to 25 ft., From ft. to ft., From ft. to ft.
What is the nearest source of possible contamination: None Close
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
0	1	Top Soil Brown Clay	45	51	Yellow Shale
1	3	Brown Shale	51	64	Brown Shale
3	5	Limestone	64	68	Limestone
5	7	Yellow Shale	68	74	Yellow Shale
7	9	Flint Rock	74	78	Brown Shale
9	11	Limestone	78	97	Limestone (Water)
11	12	Yellow Shale	97	110	Grey Shale
12	22	Brown Shale	110	114	Brown Shale
22	27	Grey Shale	114	117	Limestone
27	28	Limestone	117	120	Brown Shale
28	34	Grey Shale			
34	36	Green Shale			
36	43	Limestone			
43	44	Cannish Shale			
44	45	Limestone			

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) 7/16/91 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 451 This Water Well Record was completed on (mo/day/yr) 8/10/91
under the business name of Haldeman Well Drilling by (signature) Craig H Cowper

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 T R E/W SEC. ¼ ¼ ¼