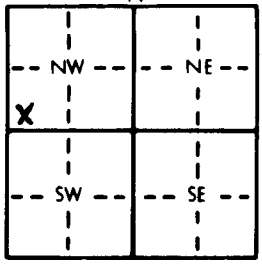


WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: Riley Fraction: SW 1/4 SW 1/4 NW 1/4 Section Number: 28 Township Number: T 10 S Range Number: R 7 E/W  
 Distance and direction from nearest town or city street address of well if located within city? 5 miles SW of Manhattan, 1080 Kirkpatrick Road

2 WATER WELL OWNER: Jon Howe  
 RR#, St. Address, Box #: 5125 Eureka Drive Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: Manhattan, KS, 66503 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL: 60 ft. ELEVATION: .....  
 Depth(s) Groundwater Encountered 1. 46 ft. 2. .... ft. 3. .... ft.  
 WELL'S STATIC WATER LEVEL: 30 ft. below land surface measured on mo/day/yr .....  
 Pump test data: Well water was ..... ft. after ..... hours pumping ..... gpm  
 Est. Yield: 50 gpm: Well water was ..... ft. after ..... hours pumping ..... gpm  
 Bore Hole Diameter: 9 in. to 60 in. to ..... 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 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 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: 5 in. to 40 in. Dia. .... in. to ..... ft., Dia. .... in. to ..... ft., Dia. .... in. to ..... ft.  
 Casing height above land surface: 2 in., weight 56.40 lbs./ft. Wall thickness or gauge No. ....  
 TYPE OF SCREEN OR PERFORATION MATERIAL:  
 1 Steel  3 Stainless steel  5 Fiberglass  7 PVC  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 25/4000  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 40 ft. to 60 ft. From ..... ft. to ..... ft.  
 GRAVEL PACK INTERVALS: From 25 ft. to 60 ft. From ..... ft. to ..... ft.

6 GROUT MATERIAL:  1 Neat cement  2 Cement grout  3 Bentonite  4 Other  
 Grout Intervals: From 0 ft. to 25 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? North How many feet? 150 ft.

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	1	Top Soil			
1	25	Brown Clay			
25	46	Gray Clay			
46	60	Coarse Sand (WATER)			

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) 11/30/98 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) 12/18/98 under the business name of Halderman Well Drilling by (signature) Craig Halderman