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

1 LOCATION OF WATER WELL: County: Wabaunsee | Fraction: NW ¼ NW ¼ NW ¼ | Section Number: 17 | Township Number: T 13 (S) | Range Number: R 11 (E) W

Distance and direction from nearest town or city street address of well if located within city? ½ W ¾ N of Hessdale

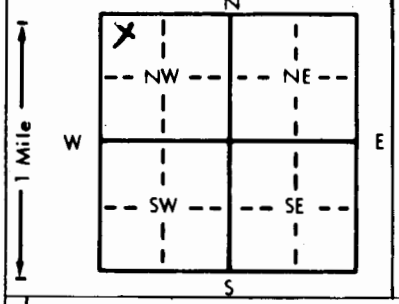
2 WATER WELL OWNER: Dave Gronquist

RR#, St. Address, Box # : Box 56

City, State, ZIP Code : Alma 66401

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 100 ft. ELEVATION:

Depth(s) Groundwater Encountered 1. 47 ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL 36 ft. below land surface measured on mo/day/yr Sept 8-83

Pump test data: Well water was ft. after hours pumping gpm

Est. Yield 12 gpm: Well water was ft. after hours pumping gpm

Bore Hole Diameter 8 in. to 100 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 Observation 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: 1 Steel 2 PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below)

CASING JOINTS: Glued Clamped Welded Threaded

Blank casing diameter 5 in. to 0-40 ft., Dia 5 in. to 60-100 ft., Dia in. to ft.

Casing height above land surface 24 in., weight 2.82 lbs./ft. Wall thickness or gauge No. .256

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 2 Louvered shutter 3 Mill slot 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 40 ft. to 60 ft., From ft. to ft.

From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 10 ft. to 100 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 10 ft., From ft. to ft., From ft. to ft.

What is the nearest source of possible contamination: 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)

Direction from well? N How many feet? 230

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	Top Soil			
2	11 01	Clay brown			
11	21 22	Cherty LS.			
21	34 19	Shale, yellow			
34	40 20	LS, brown			
40	45 19	Shale, yellow			
45	50 20	LS, yellow, loose (12gpm)			
50	53 36	gyp			
53	67 19	Shale grey			
67	71 20	LS-grey			
71	89 19	Shale grey			
89	91 20	LS, grey			
91	100 19	Shale grey			

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) 9-8-83 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) 9-14-83 under the business name of Strader Drlg Co Inc. by (signature) Dale Strader

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.

DP

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