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

LOCATION OF WATER WELL: County: Thomas | Fraction: ¼ ¼ SW ¼ | Section Number: 2 | Township Number: T 9 S | Range Number: R 33 E/W

Distance and direction from nearest town or city? from Mingo 1¼ N. & 1 West | Street address of well if located within city?

WATER WELL OWNER: Hills, Inc.
R#, St. Address, Box # : Box 246
City, State, ZIP Code : Mankato, Kansas 66956

Board of Agriculture, Division of Water Resources Application Number: 7116

DEPTH OF COMPLETED WELL 220 ft. Bore Hole Diameter 16 in. to 220 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)

Well's static water level 142 ft. below land surface measured on 2 month 4 day 81 year

Pump Test Data: Well water was 170 ft. after 10 hours pumping 556 gpm
Est. Yield 700 gpm: Well water was ft. after hours pumping gpm

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 dia 16 in. to 150 ft., Dia in. to ft., Dia in. to ft.

Casing height above land surface 12 in., weight lbs./ft. Wall thickness or gauge No .219

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-Perforation Dia 16 in. to 220 ft., Dia in. to ft., Dia in. to ft.

Screen-Perforated Intervals: From W.A.Brown 150 ft. to 170 ft., From ft. to ft.
From Johnson 170 ft. to 200 ft., From ft. to ft.

Gravel Pack Intervals: From W.A.Brown 200 ft. to 220 ft., From ft. to ft.
From ft. to ft., From ft. to ft.

GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Concrete

Grouted 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 Lateral lines 4 Cess pool 5 Seepage pit 6 Pit privy 7 Sewage lagoon 8 Feed yard 9 Livestock pens 10 Fuel storage 11 Fertilizer storage 12 Insecticide storage 13 Watertight sewer lines 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)

Direction from well NNW How many feet 7,000 ? Water Well Disinfected? Yes No X

Was a chemical/bacteriological sample submitted to Department? Yes No X If yes, date sample was submitted month day year: Pump Installed? Yes X No

If Yes: Pump Manufacturer's name Floway Model No. 8St 10DOH HP Volts

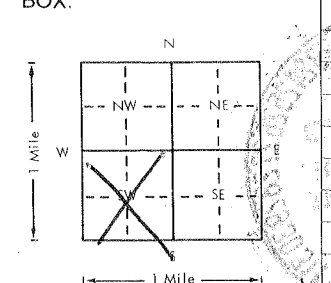
Depth of Pump Intake 218 ft. Pumps Capacity rated at 550 gal./min.

Type of pump: 1 Submersible 2 Turbine 3 Jet 4 Centrifugal 5 Reciprocating 6 Other

CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on January month 23rd day 1981 year and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 245

This Water Well Record was completed on 2 month 12 day 81 year under the business name of Western Well & Pump, Inc. by (signature) Roy F. Senior Jr.

LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:



ELEVATION:

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	50	Clay	155	160	Med. Gravel
50	58	Fine Sand to Coarse Grav.	160	193	Med. & Coarse Gravel
58	70	Sandy Clay to Fine Sand	193	194	~~Sandy Clay~~ Sandstone-Hd.
70	79	Med & Coarse Gravel	194	195	Sandy Clay ~~Med. Gr. w/clay streaks~~
79	85	Sandy Clay	195	197	Med. Gr. w/ Clay Streaks ~~Sandy Clay~~
85	120	Sandy Clay	197	198	~~Med. Gr. w/clay streaks~~ Sandy Clay
120	126	Fine Sand to Coarse Gr.	198	203	Med. Gr. with clay strks
126	132	Fine Sand	203	220	Ochre and Shale
132	145	Med. & Coarse Gravel			
145	149	Sandy Clay			
149	155	Sandstone - Hard			

Depth(s) Groundwater Encountered 1. 150 ft. 2. ft. 3. ft. 4. ft. (Use a second sheet if needed)

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, Water Well Contractors, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

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