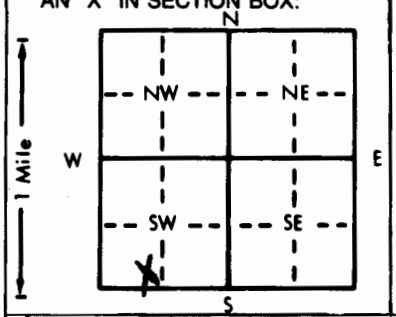
WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: BUTLER | Fraction: SE ¼ SW ¼ SW ¼ | Section Number: 18 | Township Number: T 27 S | Range Number: R 3 E E/W

Distance and direction from nearest town or city street address of well if located within city?
Observation Well #4A West edge of Andover, Kansas

2 WATER WELL OWNER: Messener Enterprises
RR#, St. Address, Box # : 430 North 159th East
City, State, ZIP Code : Wichita, Kansas
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. 33'6" ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 33'6" ft. below land surface measured on mo/day/yr 5-1-86
Pump test data: Well water was ft. after hours pumping gpm
Est. Yield gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter 6 in. to 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 XX; If yes, mo/day/yr sample was submitted
Water Well Disinfected? Yes XX No

5 TYPE OF BLANK CASING USED: 1 Steel 2 PVC 160 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below)
CASING JOINTS: Glued XX Clamped Welded Threaded
Blank casing diameter 2 in. to 30 ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface 18 in., weight .43 lbs./ft. Wall thickness or gauge No. .091

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 30 ft. to 100 ft., From ft. to ft.
From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 20 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 20 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) None Apparent
Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG
0	5	Topsoil and clay
5	10	Brown and white clay
10	15	Brown and white clay with sandstone
15	20	White clay and sandstone
20	25	White clay - rusty tan clay
25	30	Sandstone - took water
30	35	Tan clay and sandstone
35	40	Tan clay and sandstone
40	45	Gray clay and shale
45	50	Light tan clay with dark gray shale
50	55	Light tan clay - dark shale
55	60	Dark gray shale
60	65	Gray shale - dark green shale
65	70	Gray Shale
70	75	Gray xhale
75	80	Gray shale
80	85	Gray shale
85	90	Gray shale
90	95	Gray shale
95	100	Gray shale

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) 5-1-86 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 236 This Water Well Record was completed on (mo/day/yr) 5-10-86
under the business name of Harp Well & Pump Service, Inc. by (signature) Mary Arnold

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, Office of Oil Field and Environmental Geology, Regulation and Permitting Section, Topeka, Kansas 66620-7500, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.