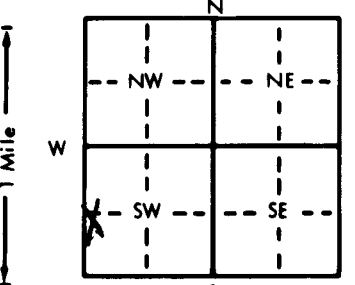


1 LOCATION OF WATER WELL: County: BUTLER	Fraction NW 1/4 SW 1/4 SW 1/4	Section Number 18	Township Number T 27 S	Range Number R 3 E
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Distance and direction from nearest town or city street address of well if located within city?

Observation Well #5 1/4 West of Andover, Kansas

2 WATER WELL OWNER: RR#, St. Address, Box # : City, State, ZIP Code :	Messener Enterprises 450 North 159th East Wichita, Kansas 67230	Board of Agriculture, Division of Water Resources Application Number:
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3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 	4 DEPTH OF COMPLETED WELL: 100 ft. ELEVATION: Depth(s) Groundwater Encountered 1. 19 ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL 19 ft. below land surface measured on mo/day/yr 3-24-86 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: 5 Public water supply 8 Air conditioning 11 Injection well 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 Observation well Was a chemical/bacteriological sample submitted to Department? Yes No XX; If yes, mo/day/yr sample was submitted Water Well Disinfected? YesXX No
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5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 2 PVC 4 ABS Blank casing diameter 2 in. to 30 ft., Dia. 160 in. to ft. Casing height above land surface 18 in., weight 43 lbs./ft. Wall thickness or gauge No. 091	5 Wrought iron 8 Concrete tile 6 Asbestos-Cement 9 Other (specify below) 7 Fiberglass CASING JOINTS: Glued XX Clamped Welded Threaded.
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 8 RMP (SR) 11 Other (specify) 12 None used (open hole)	
SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 3 Mill slot 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 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 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 None Apparent	
Direction from well? How many feet?	

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	5	Topsoil	75	80	Blue shale
5	10	Gray Clay and sandstone	80	85	Blue shale
10	15	Sandstone and tan clay	85	90	Blue shale
15	20	Brown to tan clay and sandstone	90	95	Blue to gray shale
20	25	Gray clay and sandstone	95	100	Blue shale and limestone
25	30	sandstone and gray clay			
30	35	Gray clay			
35	40	Gray clay			
40	45	Gray clay			
45	50	Sandstone and gray clay			
50	55	Green to blue shale			
55	60	Gray to blue shale			
60	65	Gray shale			
65	70	Blue Shale			
70	75	Blue 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) 3-24-86 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) 5-18-86 under the business name of Harp Well & Pump Service, Inc. by (signature) Mary Arnold
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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.