

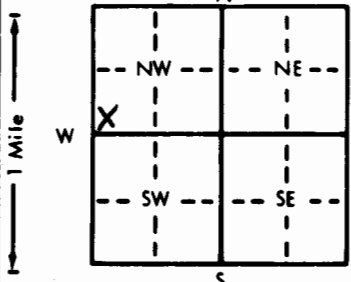
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1 LOCATION OF WATER WELL: Fraction SW 1/4 SW 1/4 NW 1/4 Section Number 18 Township Number T 23 S Range Number R 1 E  
 County: Harvey

Distance and direction from nearest town or city street address of well if located within city?

1 mile E. on 2 1/2 miles N. of Halstead

2 WATER WELL OWNER: City Water Dept. Well No. 2  
 RR#, St. Address, Box #: P.O. Box 87 Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: North Newton, Ks. 67117 Application Number: 38091

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  
  
 4 DEPTH OF COMPLETED WELL: 122 ft. ELEVATION: 1435  
 Depth(s) Groundwater Encountered: 1 35 66 ft. 2. 35 ft. 3. 66 ft.  
 WELL'S STATIC WATER LEVEL: 35 ft. below land surface measured on mo/day/yr  
 Pump test data: Well water was 66 ft. after 8 hours pumping 300 gpm  
 Est. Yield: 300 gpm: Well water was 66 ft. after 8 hours pumping 300 gpm  
 Bore Hole Diameter: 30 in. to 30 ft., and 30 in. to 30 ft.  
 WELL WATER TO BE USED AS:  
 1 Domestic 3 Feedlot 5 Public water supply 8 Air conditioning 11 Injection well  
 2 Irrigation 4 Industrial 6 Oil field water supply 9 Dewatering 12 Other (Specify below)  
 7 Lawn and garden only 10 Observation well  
 Was a chemical/bacteriological sample submitted to Department? Yes No X If yes, mo/day/yr sample was submitted 4/10/87  
 Water Well Disinfected? Yes No

5 TYPE OF BLANK CASING USED:  
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Welded Clamped  
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Threaded  
 7 Fiberglass  
 Blank casing diameter: 10 in. to 10 ft., Dia. 10 in. to 10 ft., Dia. 10 in. to 10 ft.  
 Casing height above land surface: 42 in., weight 42 lbs./ft. Wall thickness or gauge No. 36.5 wall  
 TYPE OF SCREEN OR PERFORATION MATERIAL:  
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify)  
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 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 102 ft. to 122 ft., From 102 ft. to 122 ft.  
 GRAVEL PACK INTERVALS: From 48 ft. to 122 ft., From 48 ft. to 122 ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other  
 Grout Intervals: From 0 ft. to 45 ft., From 45 ft. to 48 ft., From 48 ft. to 48 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? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	top soil			
2	6	sandy yellow clay			
6	35	med. sand w/clay layers			
35	47	med. sand			
47	51	gray clay			
51	58	brown clay			
58	61	fine cemented sand w/clay layers			
61	63	fine to med. sand			
63	93	hard sandy clay w/some limestone layers			
93	95	med. sand			
95	123	fine sand			
123	124	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) 7/29/87 and this record is true to the best of my knowledge and belief. Kansas  
 Water Well Contractor's License No. 102 This Water Well Record was completed on (mo/day/yr) 8/15/87  
 under the business name of Layne-Western Co., Wichita, Ks by (signature) [Signature]

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.

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