

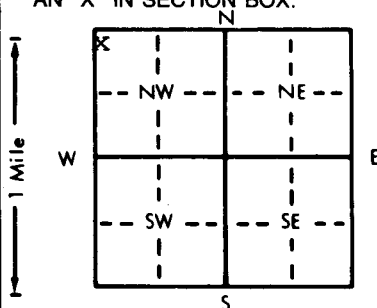
1 LOCATION OF WATER WELL: County: Rice Fraction: NW 1/4 NW 1/4 NW 1/4 Section Number: 23 Township Number: T 19 S Range Number: R 8 X/W

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

Approx. 2 1/2 miles North of Lyons, KS

2 WATER WELL OWNER: Knight Feedlot  
 RR#, St. Address, Box # : c/o Kenneth Knight Route 1 Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code : Lyons, KS 67554 Application Number: not required

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 76 ft. ELEVATION: unknown



Depth(s) Groundwater Encountered 1. 37 ft. 2. \_\_\_\_\_ ft. 3. \_\_\_\_\_ ft.  
 WELL'S STATIC WATER LEVEL 37 ft. below land surface measured on mo/day/yr 7-13-83  
 Pump test data: Well water was not ck'd after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Est. Yield unknown gpm: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Bore Hole Diameter 9 in. to 76 ft., and \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 WELL WATER TO BE USED AS:  
 1 Domestic 3 Feedlot 6 Oil field water supply 8 Air conditioning 11 Injection well  
 2 Irrigation 4 Industrial 7 Lawn and garden only 9 Dewatering 12 Other (Specify below)  
 Was a chemical/bacteriological sample submitted to Department? Yes \_\_\_\_\_ No X \_\_\_\_\_; If yes, mo/day/yr sample was submitted  
 Water Well Disinfected? Yes X No \_\_\_\_\_

5 TYPE OF BLANK CASING USED:  
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued XX Clamped  
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded  
 Blank casing diameter 5 in. to 36 ft., Dia. \_\_\_\_\_ in. to \_\_\_\_\_ ft., Dia. \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Casing height above land surface 24 in., weight 2.277 lbs./ft. Wall thickness or gauge No. 214  
 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)  
 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  
 3 Watertight sewer lines 6 Seepage pit 7 Torch cut 10 Other (specify)

SCREEN-PERFORATED INTERVALS: From 36 ft. to 76 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 GRAVEL PACK INTERVALS: From 25 ft. to 76 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
Annular Fill From 10 ft. to 21 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 21 ft. to 25 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 FIELD (none known)  
 Direction from well? all How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	38	Topsoil & brown clay	70	75	Soft yellow Dakota clay w/a couple thin streaks of sandstone
38	41	Dakota drift - loose			
41	44	Soft brown clay, some sandy			
44	48	Soft brown sandstone w/a couple thin clay streaks w/real hard streaks @ 44' & 48'	75	76	Gray shale
48	51	Yellow Dakota clay, soft w/a couple thin streaks of sandstone			
51	55	Soft brown sandstone w/a couple thin clay streaks			
55	57	Yellow Dakota clay			
57	63	Gray Dakota clay			
63	70	Yellow Dakota w/ a lot of streaks of sandstone			

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) 7-13-83 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 185 This Water Well Record was completed on (mo/day/yr) 7-26-83 under the business name of Clarke Well & Eq., Inc. by (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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY

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EWD

SEC

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