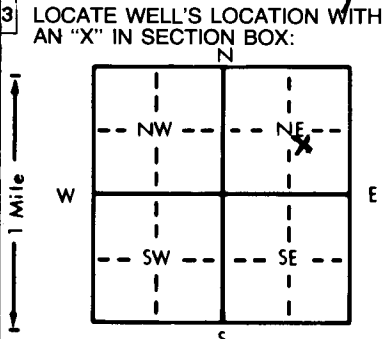


1 LOCATION OF WATER WELL: Fraction NW 1/4 SE 1/4 NE 1/4 Section Number 21 Township Number T 13 S Range Number R 19 EW
 County: ELLIS

Distance and direction from nearest town or city street address of well if located within city?
4 1/2 West of Hays Ks 67601

2 WATER WELL OWNER: Sam. Zwinger
 RR#, St. Address, Box # : PO Box 482 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : Hays Ks 67601 Application Number:



4 DEPTH OF COMPLETED WELL: 45 ft. ELEVATION: _____
 Depth(s) Groundwater Encountered 1. 30 ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL 30 ft. below land surface measured on mo/day/yr 2/25/84
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield 20 gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 10 in. to _____ ft., and _____ in. to _____ ft.
 WELL WATER TO BE USED AS:
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 11 Injection well
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well
 5 Public water supply 8 Air conditioning 12 Other (Specify below)
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No ; If yes, mo/day/yr sample was submitted _____
 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 _____ Clamped
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) _____ Welded
 _____ _____ 7 Fiberglass _____ Threaded
 Blank casing diameter: 5 in. to _____ ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface: 28 in., weight _____ lbs./ft. Wall thickness or gauge No. SDR 21
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 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 25 ft. to 45 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 45 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 5 ft. to 15 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)
Big Creek Creek
 Direction from well? Southeast How many feet? 80

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0'	15'	top soil			
15'	24'	brown clay			
24'	27'	Red & grey fine sand			
27'	30'	brown clay			
30'	43'	Red & grey med to coarse sand mixed with white gravel			
43'	45'	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) 3/3/84 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 276 This Water Well Record was completed on (mo/day/yr) 3/13/84 under the business name of Loe Water Well by (signature) John Loe

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.