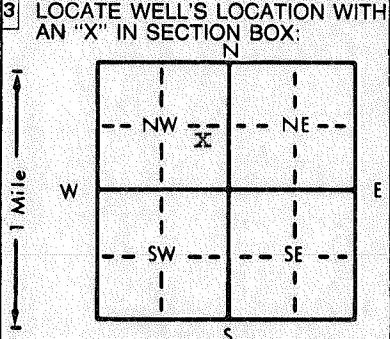


WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: Rooks Fraction NE 1/4 SE 1/4 NW 1/4 Section Number 8 Township Number T 10 S Range Number R 19 28/W

Distance and direction from nearest town or city street address of well if located within city?
1 Mile West 2 Miles South of Zurich, Kansas

2 WATER WELL OWNER: Harry Bartos
 RR#, St. Address, Box # : RRt Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : Zurich, Kansas 67676 Application Number:



4 DEPTH OF COMPLETED WELL: 96 ft. ELEVATION: Upland
 Depth(s) Groundwater Encountered 1. 60 ft. 2. 60 ft. 3. 5/2/89 ft.
 WELL'S STATIC WATER LEVEL: 60 ft. below land surface measured on mo/day/yr
 Pump test data: Well water was 61 ft. after 1 hours pumping 15 gpm
 Est. Yield 15 gpm Well water was 96 ft. after 15 hours pumping 15 gpm
 Bore Hole Diameter: 10 in. to 96 ft., and 96 in. to 96 ft.
 WELL WATER TO BE USED AS: 1 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 X No X; If yes, mo/day/yr sample was submitted 5/2/89
 Water Well Disinfected? Yes X No X

5 TYPE OF BLANK CASING USED: 2 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped X
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded X
2 PVC 4 ABS 7 Fiberglass Threaded X
 Blank casing diameter 5 in. to 76 ft., Dia 76 in. to 76 ft., Dia 76 in. to 76 ft.
 Casing height above land surface 18 in., weight 160 lbs./ft. Wall thickness or gauge No. 26
 TYPE OF SCREEN OR PERFORATION MATERIAL: 7 7 PVC 10 Asbestos-cement
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) X
2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE: 8 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes
2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) X
 SCREEN-PERFORATED INTERVALS: From 76 ft. to 96 ft., From 96 ft. to 96 ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 96 ft., From 96 ft. to 96 ft.

6 GROUT MATERIAL: 1 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
 Grout Intervals: From 0 ft. to 20 ft., From 20 ft. to 20 ft., From 20 ft. to 20 ft.
 What is the nearest source of possible contamination: None
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)
 Direction from well? None How many feet? None

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	8	Topsoil			
8	22	Sand			
22	26	White Clay			
26	42	Gravel			
42	90	Fine Sand and Sandrock			
90	96	Clay			
96		Hard Rock			

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) 4/25/89 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 199 This Water Well Record was completed on (mo/day/yr) 5/5/89 under the business name of Karstwater Well Drilling & Service Inc. 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.