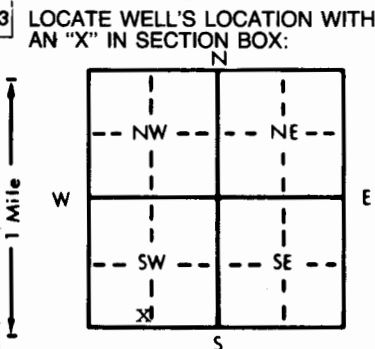


1 LOCATION OF WATER WELL: County: Rice Fraction SE 1/4 SW 1/4 SW 1/4 Section Number 4 Township Number T 19 S Range Number R 9 NE/W

Distance and direction from nearest town or city street address of well if located within city?
 Approx. 4 1/4 north and 1 1/4 mi. east of Chase, KS

2 WATER WELL OWNER: Jim Steffen
 RR#, St. Address, Box #: Route 2 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Chase, KS 67524 Application Number: not required



4 DEPTH OF COMPLETED WELL: 147 ft. ELEVATION: unknown
 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 8/28/85
 Pump test data: Well water was not ck'd. ft. after hours pumping gpm
 Est. Yield unknown gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter: 11 in. to 147 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 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 X Clamped
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded
 Blank casing diameter 5 in. to 75 ft., Dia 5 in. to 140 ft., Dia
 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)
 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 75 ft. to 105 ft., From ft. to ft.
 From 140 ft. to 145 ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 60 ft. to 147 ft., From ft. to ft.
 annular fill From 10 ft. to 57 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 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
 Direction from well? southwest How many feet? 100

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	15	Topsoil & brown clay			
15	40	Real soft sandy brown clay			
40	70	Brown clay			
70	75	Soft brownish gray clay			
75	105	Soft sandy brownish gray clay & fine sand, had very fine sand & gravel embedded in the clay, had streak of sand @ 80'			
105	140	Brown clay w/streak of limestone @ 129'			
140	145	Real soft sandy brown clay & fine sand			
145		Black 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) 8/28/85 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) 9/27/85 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.