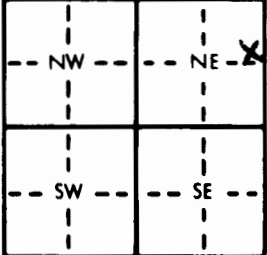


95.33525 38.75046 393 WATER WELL RECORD Form WWC-5 KSA 82a-1212				
1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number
County: Douglas		SE 1/4 NE 1/4 NE 1/4	18	T 15 S
Range Number R 19 EW				
Distance and direction from nearest town or city street address of well if located within city?				
2.2 miles south of Worden, KS				
2 WATER WELL OWNER:		Kansas Geological Survey		
RR#, St. Address, Box # :		1930 Constant Avenue		
City, State, ZIP Code :		Lawrence, KS 66046		
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 182 ft. ELEVATION: 1015		
		Depth(s) Groundwater Encountered 1. 100 ft. 2. ft. 3. ft.		
		WELL'S STATIC WATER LEVEL 55 ft. below land surface measured on mo/day/yr 5/9/86		
		Pump test data: Well water was ft. after hours pumping gpm		
		Est. Yield 10 gpm: Well water was ft. after hours pumping gpm		
		Bore Hole Diameter 10 in. to 182 ft., and in. to ft.		
		WELL WATER TO BE USED AS:		
		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 No X; If yes, mo/day/yr sample was submitted		
		Water Well Disinfected? Yes X No		
5 TYPE OF BLANK CASING USED:		CASING JOINTS: Glued X Clamped		
1 Steel 3 RMP (SR)		5 Wrought iron 8 Concrete tile		
2 PVC 4 ABS		6 Asbestos-Cement 9 Other (specify below)		
		7 Fiberglass		
Blank casing diameter 5 in. to 182 ft., Dia in. to ft., Dia in. to ft.				
Casing height above land surface in., weight lbs./ft. Wall thickness or gauge No. Schedule 40				
TYPE OF SCREEN OR PERFORATION MATERIAL:		7 PVC 10 Asbestos-cement		
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:		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)				
SCREEN-PERFORATED INTERVALS: From 162 ft. to 182 ft., From ft. to ft.				
GRAVEL PACK INTERVALS: From 157 ft. to 182 ft., From ft. to ft.				
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other				
Grout Intervals: From 157 ft. to 30 ft., From ft. to ft., From ft. to ft.				
What is the nearest source of possible contamination:		10 Livestock pens 14 Abandoned water well		
1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well				
2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)				
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage road ditch				
Direction from well? east		How many feet? 20 ft.		
FROM	TO	LITHOLOGIC LOG	FROM	TO
		Well was cleaned out to remove accumulated silt by bailing and the casing was filled with neat cement from 182 feet to 3 feet below land surface. The top three feet of casing was cut off and the hole was back filled.		
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) 5/9/86 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. This Water Well Record was completed on (mo/day/yr) under the business name of Kansas Geological Survey by (signature) P. Allen Mankin				
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.				