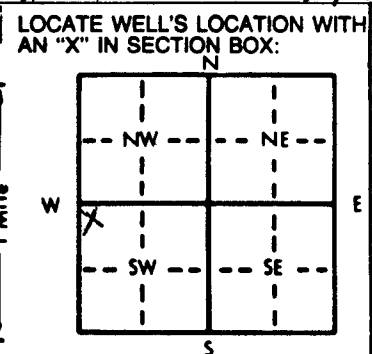


LOCATION OF WATER WELL: County: Shawnee Fraction: NW 1/4 NW 1/4 SW 1/4 Section Number: 20 Township Number: T 11 S Range Number: R 16E EW  
 Distance and direction from nearest town or city street address of well if located within city?

WATER WELL OWNER: Midwest Machine Works Inc. #1 Board of Agriculture, Division of Water Resources  
 RR#, St. Address, Box #: P.O. BOX 8250 1701N Topeka Application Number:  
 City, State, ZIP Code: Topeka, KS 66608



DEPTH OF COMPLETED WELL: 47 ft. ELEVATION: ..... ft.  
 Depth(s) Groundwater Encountered 1. 29 ft. 2. .... ft. 3. .... ft.  
 WELL'S STATIC WATER LEVEL: 29 ft. below land surface measured on mo/day/yr 5-25-88  
 Pump test data: Well water was ..... ft. after ..... hours pumping ..... gpm  
 Est. Yield 30 gpm: Well water was Pumped ft. after 30 min hours pumping ..... gpm  
 Bore Hole Diameter: 10" in. to ..... ft., and ..... in. to ..... ft.  
 WELL WATER TO BE USED AS:  
 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Lawn and garden only 8 Air conditioning 9 Dewatering 10 Observation well 11 Injection well 12 Other (Specify below) Monitoring 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

TYPE OF BLANK CASING USED:  
 1 Steel 2 PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below) CASING JOINTS: Glued X Clamped ..... Welded ..... Threaded .....  
 Blank casing diameter 5" in. to 0-17 ft., Dia ..... in. to ..... ft., Dia ..... in. to ..... ft.  
 Casing height above land surface 24 in., weight 2.82 lbs./ft. Wall thickness or gauge No. 258

TYPE OF SCREEN OR PERFORATION MATERIAL:  
 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) ..... 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:  
 1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) ..... 11 None (open hole)

SCREEN-PERFORATED INTERVALS: From 17 ft. to 47 ft., From ..... ft. to ..... ft.  
 GRAVEL PACK INTERVALS: From 16 ft. to 47 ft., From ..... ft. to ..... ft.  
Vol-Clay Pellets From 14 ft. to 16 ft., From ..... ft. to ..... ft.

GROUT MATERIAL: 1 Neat cement 2 Cement grout slab 3 Bentonite 4 Other .....  
 Grout Intervals: From 0 ft. to 14 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

What is the nearest source of possible contamination:  
 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	Top Soil			
2	12	Clay-Brown-Silty			
12	18	Fine Silt-Brown			
18	19	Fine Sand-Coarse Sand-Brown			
19	29	Fine Sand-Coarse Sand-Med-Pea-Gravel-Brown			
29	37	Fine Sand-Coarse Sand-Med-Gravel-Blue			
37	46	" " " " " " Pea, Blue			
46	48	Soft Shale-Grey			
48	50	Shale-Grey			
50		Limestone-Grey			

**RECEIVED**  
 JUN 27 1988  
 DIVISION OF ENVIRONMENT

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) 5-25-88 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 182 This Water Well Record was completed on (mo/day/yr) 6-23-88 under the business name of Strader Drilling Co., 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, Bureau of Water Protection, Topeka, Kansas 66620-7320, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.

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