

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number	
County: Sumner		SE 1/4 SW 1/4 NE 1/4		17		T 32 S		R 4 E	
Distance and direction from nearest town or city street address of well if located within city?									
71' East & 41' South of the Northeast corner of the Sumpter & Garfield intersection, Argonia, KS - HWST Job No. 74-49/4060.03									
2 WATER WELL OWNER:		Botkin Grain Co.							
RR#, St. Address, Box # :		313 North Argonia							
City, State, ZIP Code :		Argonia, KS 67004							
		Board of Agriculture, Division of Water Resources							
		Application Number:							
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 10.0 ft. ELEVATION: n/a							
		Depth(s) Groundwater Encountered 1. 6.5 ft. 2. ft. 3. ft.							
		WELL'S STATIC WATER LEVEL 6.0 ft. below land surface measured on mo/day/yr 5/16/90							
		Pump test data: Well water was ft. after hours pumping gpm							
		Est. Yield gpm: Well water was ft. after hours pumping gpm							
		Bore Hole Diameter 6.5 in. to 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 Monitoring well MW-17							
		Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yr sample was submitted							
		Water Well Disinfected? Yes No X							
5 TYPE OF BLANK CASING USED:		5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped							
1 Steel 3 RMP (SR)		6 Asbestos-Cement 9 Other (specify below) Welded							
X PVC 4 ABS		7 Fiberglass Threaded X							
Blank casing diameter 2.0 in. to 5.0 ft., Dia		Casing height above land surface flush in., weight lbs./ft. Wall thickness or gauge No. Sch 40							
TYPE OF SCREEN OR PERFORATION MATERIAL:		X 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 X Mill slot 6 Wire wrapped 9 Drilled holes		2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)							
SCREEN-PERFORATED INTERVALS:		From 5.0 ft. to 10.0 ft., From ft. to ft.							
GRAVEL PACK INTERVALS:		From 4.0 ft. to 10.0 ft., From ft. to ft.							
6 GROUT MATERIAL:		1 Neat cement 2 Cement grout 3 Bentonite 4 Other Volclay Grout							
Grout Intervals: From 0.0 ft. to 4.0 ft., From ft. to ft.		What is the nearest source of possible contamination:							
1 Septic tank 4 Lateral lines 7 Pit privy X Fuel storage 14 Abandoned water well		2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 15 Oil well/Gas well							
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage 16 Other (specify below)		Direction from well? Northwest How many feet? 145.0'							
FROM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVALS									
0.0 3.0 SILTY CLAY: mottled very dark brown and light brown.									
4.0 5.0 SANDY LEAN CLAY: mottled light reddish-brown and dark reddish-brown.									
5.0 8.5 POORLY SORTED FINE SAND: light reddish-brown.									
8.5 10.5 MINNESCAH SHALE FORMATION:									
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (X) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 5/16/90 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 471 This Water Well Record was completed on (mo/day/yr) 5/25/90 under the business name of HWS Technologies 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, Topeka, Kansas 66620-7320. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.									