

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?									HWST Job No.:	
19' South of North side of Garfield St. & 111' West of the east side of Sumpter St., Argonia, KS									74-49/4060.02	

2 WATER WELL OWNER: Botkin Grain Company Inc.		Board of Agriculture, Division of Water Resources	
RR#, St. Address, Box # : 313 North Argonia		Application Number:	
City, State, ZIP Code : Argonia, Kansas 67004			

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:

4 DEPTH OF COMPLETED WELL: 15.0 ft. ELEVATION: n/a

Depth(s) Groundwater Encountered 1. 7.0 ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL 5.19 ft. below land surface measured on mo/day/yr 3/12/90

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 1/2 in. to 15.5 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
2 Irrigation	4 Industrial	7 Lawn and garden only
		9 Dewatering
		12 Other (Specify below)
		13 Monitoring well MW-13

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)	
2 PVC		4 ABS		7 Fiberglass		Welded Threaded X	
Blank casing diameter 2 in. to 5.0 ft. Dia		in. to ft. Dia		in. to ft. Dia		in. to 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:		7 PVC		10 Asbestos-cement			
1 Steel		3 Stainless steel		5 Fiberglass		8 RMP (SR)	
2 Brass		4 Galvanized steel		6 Concrete tile		9 ABS	
SCREEN OR PERFORATION OPENINGS ARE:		5 Gauzed wrapped		8 Saw cut		11 None (open hole)	
1 Continuous slot		6 Wire wrapped		9 Drilled holes			
2 Louvered shutter		7 Torch cut		10 Other (specify)			
SCREEN-PERFORATED INTERVALS:		From 5.0 ft. to 15.0 ft.		From ft. to ft.		From ft. to ft.	
GRAVEL PACK INTERVALS:		From 3.0 ft. to 15.0 ft.		From ft. to 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 3.0 ft.		From ft. to ft.		From ft. to 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	
2 Sewer lines		5 Cess pool		8 Sewage lagoon		9 Feedyard		11 Fuel storage	
3 Watertight sewer lines		6 Seepage pit						12 Fertilizer storage	
								13 Insecticide storage	
Direction from well? North								How many feet? 50.0	

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0.0	3.0	SILTY CLAY: mottled brown and very dark brown.			
3.0	5.0	SILTY CLAY: mottled light olive and light yellowish-brown.			
5.0	7.0	SANDY CLAY: mottled light olive and light yellowish-brown.			
7.0	9.0	WELL SORTED FINE SAND: light yellowish-brown.			
9.0	15.0	NINNESCAH SHALE FORMATION:			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 3/7/90 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) 3/13/90	
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.