

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 N
Distance and direction from nearest town or city street address of well if located within city?					
32' East & 47' South from the northeast corner of the Garfield & Sumpter intersection, Argonia, KS - HWST Job No. 74-49/4060.0					
2 WATER WELL OWNER:		Botkin Grain Co.			
RR#, St. Address, Box # :		313 N. Argonia		Board of Agriculture, Division of Water Resources	
City, State, ZIP Code :		Argonia, KS 67004		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. 5.0 ft. 2. ft. 3. ft.			
		WELL'S STATIC WATER LEVEL 4.75 ft. below land surface measured on mo/day/yr 5/17/90			
		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 10.0 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 <input checked="" type="checkbox"/> Monitoring well MW-19			
Was a chemical/bacteriological sample submitted to Department? Yes.....No..... X		If yes, mo/day/yr sample was submitted			
5 TYPE OF BLANK CASING USED:		CASING JOINTS: Glued.....Clamped.....			
1 Steel 3 RMP (SR)		5 Wrought iron 8 Concrete tile			
<input checked="" type="checkbox"/> PVC 4 ABS		6 Asbestos-Cement 9 Other (specify below)			
Blank casing diameter 2.0 in. to 5.0 ft., Dia		Welded.....			
Casing height above land surface flush in., weight lbs./ft. Wall thickness or gauge No. Sch 40		Threaded..... X			
TYPE OF SCREEN OR PERFORATION MATERIAL:		<input checked="" type="checkbox"/> 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 <input checked="" type="checkbox"/> 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:		2 Cement grout 3 Bentonite 4 Other Volclay Grout			
Grout Intervals: From 0.0 ft. to 4.0 ft., From ft. to ft.		10 Livestock pens 14 Abandoned water well			
What is the nearest source of possible contamination:		<input checked="" type="checkbox"/> Fuel storage 15 Oil well/Gas well			
1 Septic tank 4 Lateral lines 7 Pit privy 12 Fertilizer storage 16 Other (specify below)					
2 Sewer lines 5 Cess pool 8 Sewage lagoon 13 Insecticide storage					
3 Watertight sewer lines 6 Seepage pit 9 Feedyard					
Direction from well? Northwest		How many feet? 150.0'			
FROM	TO	LITHOLOGIC LOG		FROM	TO
0.0	0.5	SILTY CLAY: very dark brown; 20-30% sand.			
0.5	2.0	SILTY CLAY: mottled light brown and dark brown; 10-20% sand.			
2.0	3.0	SANDY CLAY: light brown; 20-30% fine sand.			
3.0	4.0	CLAYEY SAND: reddish-brown; 10-20% fines.			
4.0	7.5	POORLY SORTED FINE SAND: reddish-brown.			
7.5	10.0	MINNESCAH SHALE FORMATION:			
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <input checked="" type="checkbox"/> constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 5/17/90 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) <i>[Signature]</i>					