

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number	
County: <b>Sumner</b>		SE 1/4 SW 1/4 NE 1/4		17		T 32 S		R 4 EW	
Distance and direction from nearest town or city street address of well if located within city? <b>146' North of Garfield St. &amp; 20' West of Sumpter St., Argonia, Kansas</b> <span style="float:right;">HWST Job No.: 74-49/4060.02</span>									
2 WATER WELL OWNER: <b>Botkin Grain Company Inc.</b>									
RR#, St. Address, Box #: <b>313 North Argonia</b>					Board of Agriculture, Division of Water Resources				
City, State, ZIP Code: <b>Argonia, Kansas 67004</b>					Application Number:				
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: <b>15.0</b> ft. ELEVATION: <b>n/a</b>							
		Depth(s) Groundwater Encountered 1. <b>6.5</b> ft. 2. _____ ft. 3. _____ ft. WELL'S STATIC WATER LEVEL <b>5.42</b> ft. below land surface measured on mo/day/yr <b>3-12-90</b> 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 <b>6 1/2</b> in. to <b>15.0</b> 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="radio"/> Monitoring well <b>MW-4</b> Was a chemical/bacteriological sample submitted to Department? Yes _____ No <input checked="" type="checkbox"/> If yes, mo/day/yr sample was sub- mitted _____ Water Well Disinfected? Yes _____ No <input checked="" type="checkbox"/>							
		5 TYPE OF BLANK CASING USED:							
		1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____ <input checked="" type="radio"/> PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____ 7 Fiberglass _____ Threaded <input checked="" type="checkbox"/>							
		Blank casing diameter <b>2.0</b> in. to <b>5.0</b> ft. Dia _____ in. to _____ ft. Dia _____ in. to _____ ft. Casing height above land surface <b>flush</b> in., weight _____ lbs./ft. Wall thickness or gauge No. <b>Sch 40</b>							
TYPE OF SCREEN OR PERFORATION MATERIAL:									
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) _____ 12 None used (open hole)									
SCREEN OR PERFORATION OPENINGS ARE:									
1 Continuous slot <input checked="" type="radio"/> Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes 7 Torch cut 10 Other (specify) _____									
SCREEN-PERFORATED INTERVALS: From <b>5.0</b> ft. to <b>15.0</b> ft. From _____ ft. to _____ ft.									
GRAVEL PACK INTERVALS: From <b>3.5</b> ft. to <b>15.0</b> ft. From _____ ft. to _____ ft.									
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other <b>volclay grout</b>									
Grout Intervals: From <b>0.0</b> ft. to <b>3.5</b> 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 <input checked="" type="radio"/> Fuel storage 10 Livestock pens 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? <b>South</b> How many feet? <b>30.0</b>									
FROM		TO		LITHOLOGIC LOG		FROM		TO	
0.0		1.0		SILTY CLAY: brown and concrete fill.					
1.0		2.5		SILTY CLAY: mottled brown & very dark brown.					
2.5		4.5		SILTY CLAY: mottled reddish-brown and dark brown.					
4.5		7.0		CLAYEY SAND: reddish-brown.					
7.0		8.0		SILTY FINE SAND: reddish-brown.					
8.0		15.0		NINNESCAH SHALE FORMATION:					
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <input checked="" type="radio"/> constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <b>3/5/90</b> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <b>471</b> This Water Well Record was completed on (mo/day/yr) <b>3/7/90</b> under the business name of <b>HWS Technologies Inc.</b> by (signature) <i>[Signature]</i>									