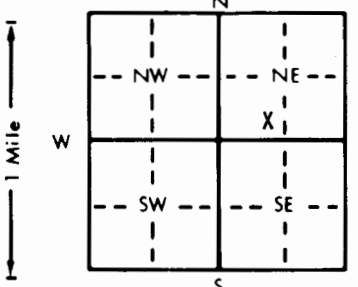


1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number	
County: Sumner		SE 1/4 SW 1/4 NE 1/4		17		T 32 S		R 4 E	
Distance and direction from nearest town or city street address of well if located within city? 45' North of Garfield St. & 101' East of Sumpter, Argonia, Kansas									
HWST Job No.: 74-49/4060.02									
2 WATER WELL OWNER: Botkin Grain Company Inc.									
RR#, St. Address, Box #: 313 North Argonia									
City, State, ZIP Code: Argonia, Kansas 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 3/7/90 ft. ELEVATION: n/a						
			Depth(s) Groundwater Encountered 1. 5.5 ft. 2. ft. 3. ft.						
			WELL'S STATIC WATER LEVEL 4.98 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 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 10 Monitoring well MW-10									
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:									
1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped									
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded									
7 Fiberglass Threaded X									
Blank casing diameter 2 in. to 4.0 ft. Dia in. to ft. Dia in. to ft.									
Casing height above land surface flush in. weight lbs./ft. Wall thickness or gauge No. Sch 40									
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 4 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 4.0 ft. to 10.0 ft. From ft. to ft.									
From ft. to ft. From ft. to ft.									
GRAVEL PACK INTERVALS: From 3.0 ft. to 10.0 ft. From ft. to 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.									
What is the nearest source of possible contamination:									
1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well									
2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well									
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)									
13 Insecticide storage									
Direction from well? West How many feet? 100.0									
LITHOLOGIC LOG									
FROM	TO	LITHOLOGIC LOG					FROM	TO	PLUGGING INTERVALS
0.0	3.0	SILTY CLAY: mottled brown and very dark brown.							
3.0	5.0	CLAYEY SAND: light reddish-brown.							
5.0	7.5	FINE WELL SORTED SAND: light reddish-brown.							
7.5	10.0	NINNESCAH SHALE FORMATION:							
7 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) 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) Mike Felt									