

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

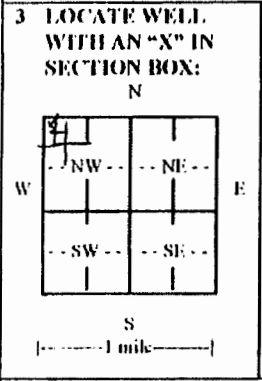
MW-3

1 LOCATION OF WATER WELL: County: Sedgwick	Fraction NW 1/4 NW 1/4 NW 1/4 NW 1/4	Section Number 213	Township No T 27 S	Range Number R 1 <input checked="" type="checkbox"/> E; <input type="checkbox"/> W
---	--	------------------------------	------------------------------	--

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection. If at owner's address, check here
1350 N. Oliver Avenue, Wichita, KS 67208

Global Positioning System (GPS) information:
 Latitude: ~~37.7079~~ **70.778** (in decimal degrees)
 Longitude: ~~97.2002~~ **28028** (in decimal degrees)
 Elevation: **1395.66 TOC**
 Datum: WGS 84, NAD 83, NAD 27
 Collection Method:
 GPS unit (Make/Model: **Google Earth**)
 Digital Map/Photo, Topographic Map, Land Survey
 Est. Accuracy: < 3 m, 3-5 m, 5-15 m, > 15 m

2 WATER WELL OWNER: **The Pantry, Inc.**
 RR#, Street Address, Box #: **305 Greason Drive**
 City, State, ZIP Code: **Cary, NC 27512**



4 DEPTH OF COMPLETED WELL 25.0'

Depth(s) Groundwater Encountered (1) **15.0'** ft (2) _____ ft (3) _____ ft
 WELL'S STATIC WATER LEVEL **16.38'** ft. below land surface measured on mo/day/yr **01/11/14 8/7/14**
 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 **6.50"** in. to **25.0'** ft, and _____ in. to _____ ft
 WELL WATER TO BE USED AS: Public water supply Geothermal Injection well
 Domestic Feedlot Oil field water supply Dewatering Other (Specify below)
 Irrigation Industrial Domestic-lawn & garden Monitoring well
 Was a chemical/bacteriological sample submitted to Department? Yes No
 If yes, mo/day/yr sample was submitted _____
 Water well disinfected? Yes No

5 TYPE OF CASING USED: Steel PVC Other _____
 CASING JOINTS: Glued Clamped Welded Threaded
 Casing diameter **2.0"** in. to **5.0'** ft, Diameter _____ 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:
 Steel Stainless Steel PVC Other (Specify) _____
 Brass Galvanized Steel None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 Continuous slot Mill slot Gauze wrapped Torch cut Drilled holes None (open hole)
 Louvered shutter Key punched Wire wrapped Saw cut Other (specify) _____
 SCREEN-PERFORATED INTERVALS: From **5.0'** ft. to **25.0'** ft, From _____ ft. to _____ ft.
 From _____ ft. to _____ ft, From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From **4.0'** ft. to **25.0'** ft, From _____ ft. to _____ ft.
 From _____ ft. to _____ ft, From _____ ft. to _____ ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other _____
 Grout Intervals From **1.0'** ft. to **4.0'** ft, From _____ ft. to _____ ft, From _____ ft. to _____ ft.
 What is the nearest source of possible contamination:
 Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)
 Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well
 Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well
 Direction from well _____ Distance from well _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
		See Boring Log			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) **07/31/2014** and this record is true to the best of my knowledge and belief.
 Kansas Water Well Contractor's License No. **606** This Water Well Record was completed on (mo/day/year) **08/25/2014**
 under the business name of **PSA Environmental** by (signature) _____

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$3.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>

CARDNO ATC		SITE		BORING NO.		Page		
SITE LOCATION		Pantry #1643		MW-3		1 of 1		
1350 N. Oliver Avenue		PROJECT NO. 17.42017.1643		DRILL METHOD		Dual-tube and HSA		
Wichita, Kansas		CONTRACTOR PSA Environmental		DRILL RIG		Geoprobe		
CLIENT The Pantry		DRILLER Aaron Sense		BORING (DEPTH X DIA.)		25 foot x 8 inches		
		DATE 7/30/14 - 7/31/14		LOGGED BY		Marco Valotto		
DEPTH (feet)	WELL CONSTRUCTION		SAMPLE			USCS CLASSIFICATION AND DESCRIPTIONS OF MATERIALS AND CONDITIONS	DEPTH (feet)	
	SCHEMATIC	DETAILS	Type	#	Interval (feet)			Recovery (%)
1		ELEVATION Top of Casing: _____ Cement Pad: _____					12.0	Concrete
2		PROTECTIVE COVER Type: Steel, bolt down 8 in Size: 2 x 2 foot					26.0	CH - Soil, top soil, dark, organic, mostly clay loam, some fine sand, slight H/C odor
3		WELL SEAL Type: Hydrated Bentonite Amount: 1-4				5/5	2.0	CL - gray clay, traces of fine sand, moist to dry, stiff
4		WELL PACK Type: Silica Sand Amount: 4-25				3/3	2.1	CL - clay, very stiff, gray / olive, traces of fine sand, no odor, dry
5		RISER Type: Schedule 40 PVC Inside Diameter: 2 inches Length: 0-5 feet					2.3	
6		SCREEN Type: Schedule 40 PVC Slot Size: 0.010 inch Inside Diameter: 2 inches Length: 5-25 feet				4/4	2.5	
7		HA = Hand Auger (with air knifing) GP = Geoprobe DT= Dual-tube AG= Auger					2.4	
8		NR= Not Recorded					2.0	
9		SWL: _____ SWL elev: _____				4/4		Probe refusal at 16' bgs on shale Continue with hollow stem augers (no recovery)
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								Well Set at 25' bgs