

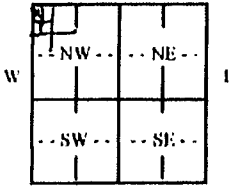
WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

MW-2

1 LOCATION OF WATER WELL: County: <u>Sedgwick</u>	Fraction <u>NW 1/4 NW 1/4 NW 1/4</u>	Section Number <u>213</u>	Township No <u>T 27 S</u>	Range Number <u>R 1</u> <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 <input type="checkbox"/> <u>1350 N. Oliver Avenue, Wichita, KS 67208</u>		Global Positioning System (GPS) information Latitude: <u>37.20077806</u> (in decimal degrees) Longitude: <u>97.29828000</u> (in decimal degrees) Elevation: <u>1375.44 TOC</u> Datum: <input checked="" type="checkbox"/> WGS 84. <input checked="" type="checkbox"/> NAD 83. <input type="checkbox"/> NAD 27 Collection Method: <input type="checkbox"/> GPS unit (Make/Model: <u>Sonyo Earth</u>) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input checked="" type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> < 3 m. <input checked="" type="checkbox"/> 3-5 m. <input type="checkbox"/> 5-15 m. <input type="checkbox"/> > 15 m		
2 WATER WELL OWNER: RR#, Street Address, Box #: <u>The Pantry, Inc. 305 Greason Drive</u> City, State, ZIP Code: <u>Carv, NC 27512</u>				

3 LOCATE WELL WITH AN "X" IN SECTION BOX: 	4 DEPTH OF COMPLETED WELL <u>20.0'</u> ft Depth(s) Groundwater Encountered (1) <u>15.0'</u> ft (2) _____ ft (3) _____ ft WELL'S STATIC WATER LEVEL <u>14.93'</u> ft below land surface measured on mo/day/yr <u>8/7/14</u> 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 <u>8.50"</u> in to <u>20.0'</u> ft, and _____ in. to _____ ft. WELL WATER TO BE USED AS: <input type="checkbox"/> Public water supply <input type="checkbox"/> Geothermal <input type="checkbox"/> Injection well <input type="checkbox"/> Domestic <input type="checkbox"/> Feedlot <input type="checkbox"/> Oil field water supply <input type="checkbox"/> Dewatering <input type="checkbox"/> Other (Specify below) <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Domestic-lawn & garden <input checked="" type="checkbox"/> Monitoring well Was a chemical/bacteriological sample submitted to Department? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, mo/day/yr sample was submitted _____ Water well disinfected? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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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, 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 20.0' ft, From _____ ft to _____ ft
 From _____ ft to _____ ft, From _____ ft to _____ ft
GRAVEL PACK INTERVALS: From 4.5' ft to 20.0' 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 3.0' ft, From _____ ft to _____ ft, From _____ ft to _____ ft
 What is the nearest source of possible contamination
 Septic tank Lateral lines Dr. 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) 07/22/2014 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 \$5.00 for each constructed well. Visit us at <http://www.kdheksa.gov/waterwell/index.html>

CARDNO ATC	SITE Pantry #1643	BORING NO. MW-2	Page 1 of 1
SITE LOCATION 1350 N. Oliver Avenue Wichita, Kansas	PROJECT NO. 17.42017.1643	DRILL METHOD Dual-tube and HSA	
CLIENT The Pantry	CONTRACTOR PSA Environmental	DRILL RIG Geoprobe	
	DRILLER Aaron Sense	BORING (DEPTH X DIA.) 20 foot x 8 inches	
	DATE 7/22/14	LOGGED BY Marco Vallotto	

DEPTH (feet)	WELL CONSTRUCTION		SAMPLE		SAMPLE		USCS CLASSIFICATION AND DESCRIPTIONS OF MATERIALS AND CONDITIONS	DEPTH (feet)
	SCHEMATIC	DETAILS	Type	#	Interval (feet)	Recovery (%)		
1		ELEVATION						
2		Top of Casing: _____ Cement Pad: _____					5.3	Concrete
3		PROTECTIVE COVER						CH - Clay loam, dark, slight H/C odor, moist, traces of fine sand
4		Type: <u>Steel, bolt down 8 in</u> Size: <u>2 x 2 foot</u>					17.1	
5		WELL SEAL						CH - clay, some fine grained sand / medium coarse, gray, moist, mottled
6		Type: <u>Hydrated Bentonite</u> Amount: <u>1-4</u>				5/5	13.0	
7		WELL PACK						
8		Type: <u>Silica Sand</u> Amount: <u>4-20</u>					0.1	
9		RISER						
10		Type: <u>Schedule 40 PVC</u> Inside Diameter: <u>2 inches</u> Length: <u>0-5 feet</u>					3/3	
11		SCREEN						
12		Type: <u>Schedule 40 PVC</u> Slot Size: <u>0.010 inch</u> Inside Diameter: <u>2 inches</u> Length: <u>5-20 feet</u>					1.1	
13							1.0	
14							4/4	Probe refusal at 12' bgs on shale Continue with hollow stem augers (no recovery)
15		HA = Hand Auger (with air knifing) GP = Geoprobe DT = Dual-tube AG = Auger						
16		NR = Not Recorded						
17		SWL: _____ SWL elev: _____						
18								
19								
20								
21								Well Set at 20' bgs
22								
23								
24								
25								