

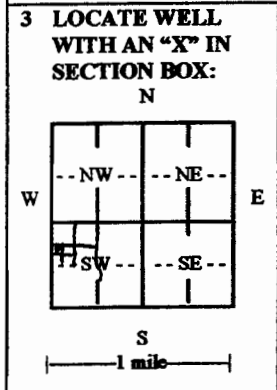
WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

MW-56

1 LOCATION OF WATER WELL: County: Sedgwick	Fraction SW 1/4 NW 1/4 SW 1/4 NW 1/4	Section Number 35	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 <input type="checkbox"/> R.O.W. of East Countryside Plaza, across the street Residence @ 3210 Countryside Place		Global Positioning System (GPS) information: Latitude: 37.66167 (in decimal degrees) Longitude: 97.29861 (in decimal degrees) Elevation: Datum: <input type="checkbox"/> WGS 84, <input type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input type="checkbox"/> GPS unit (Make/Model:) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input 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: KDHE-BER RR#, Street Address, Box #: 1000 SW Jackson St. Suite #420 City, State, ZIP Code : Topeka, KS 66612-1367				



4 DEPTH OF COMPLETED WELL **38.0'** ft.

Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.

WELL'S STATIC WATER LEVEL **22.96'** ft. below land surface measured on mo/day/yr. **9/1/15**.....

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 **8.50"** in. to **41.0'** 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 **23.0'** 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 **23.0'** ft. to **38.0'** ft, From ft. to ft.
 From ft. to ft, From ft. to ft.

GRAVEL PACK INTERVALS: From **21.0'** ft. to **38.0'** ft, From ft. to ft.
 From ft. to ft, From ft. to ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other **Concrete**

Grout Intervals: From **0** ft. to **1.0'** ft, From **1.0'** ft. to **21.0'** 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 Logs			

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) **9/01/2015**..... 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) **9/21/2015**..... under the business name of **PSA Environmental Services, LLC**..... 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.kdheks.gov/waterwell/index.html>.

SCS AQUATERRA

LOG OF BORING NO.: **MW-56**

SHEET NUMBER 1 of 1

7311 West 130th, Overland Park, KS 66213

DRILLING CONTRACTOR: **BA Environmental**

WELL CONSTRUCTION DETAILS

CLIENT: **KARE**

DRILLER: **Aaron Butler**

MATERIAL: **PVC**

PROJECT NAME: **Wichita McDonalds**

DRILLING RIG: **Geoprobe 6620 DT**

DIAMETER: **2.0** IN

PROJECT NUMBER: **2721319A.00**

DRILLING METHOD: **Direct Push / HSA's**

WELL TOTAL DEPTH: **38.0** FT BGS

PROJECT LOCATION: **Wichita St and Harry St
Wichita, Kansas**

SAMPLING METHOD: **5D Continuous**

SCREEN LENGTH: **15.0** FT

BORING LOCATION: **Hilde St and Country Side
St**

BORING DIAMETER: **8.5"**

RISER LENGTH: **23.0** FT

PROJECT NUMBER: **02-087-14553**

WELL DIAMETER: **2.0"**

TOP OF SCREEN: **23.0** FT BGS

GEOLOGIST: **Adam Parris**

WELL COMPLETION: **Flush Mount**

BOTTOM OF SCREEN: **38.0** FT BGS

START DATE: **9/01/15** FINISH DATE: **9/01/15**

SURFACE ELEVATION:

SCREEN SLOT: **0.010** IN

START TIME: **1100** FINISH TIME:

TOC ELEVATION:

TOP OF FILTER PACK: **36.0** FT BGS

SAMPLER TYPE

SAMPLE DEPTH

PID (PPM)

RECOVERY

DEPTH (FEET)

USCS CLASS

C I

1

2

3

4

5

6

7

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13

14

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16

17

18

19

20

CS 0-5' 0.1 99"

CS 5-10' 0.2 20"

CS 10-15' 0.3 37"

CS 15-20' 0.3 32"

Grass, Topsoil

CLAY, light reddish brown, moist, medium stiff

SAND, fine to medium grain, silty, moist

TOP OF SEAL: **1.0** FT BGS
TYPE OF SEAL: **3/16" Bentonite Chips**
TYPE OF FILTER PACK: **Silver Sand**

NOTES AND WELL CONSTRUCTION

9/01/15
1500
wt: 22.96
TD: 37.21
Sampled @ 1530

LEGEND:

SS - Split Spoon
CS - 5 foot CME Sampler
ST - Shelby Tube

PID - Photoionization Detector
PP - Pocket Penetrometer
HSA - Hollow Stem Augers

HA - Hand Auger
WB - Wash Bore
RB - Rock Bit
NX - Rock Core

THE STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY LINES BETWEEN SOIL AND ROCK TYPES: ACTUAL TRANSITIONS MAY BE GRADUAL.

SCS AQUATERRA

LOG OF BORING NO.: **0 56**

SHEET NUMBER 2 of 2

KDHE ID TAG: 0

7311 West 130th Street, Suite 100, Overland Park, KS, 66213

GEOLOGIST: Adam Parris

CLIENT: 0

DATE: 1/0/1900

PROJECT NAME: 0

PROJECT NUMBER: 0.00

SAMPLER TYPE	SAMPLE DEPTH	PID (PPM)	RECOVER Y	DEPTH (FEET)	USCS CLASS	C I	SOIL DESCRIPTION AND DRILLING CONDITIONS	NOTES AND WELL CONSTRUCTION
CS	20-25'	0.9	48"	21			SAND, clayey, silty, very moist	
				22				
				23				
				24				
				25				
				26				
CS	25-30'	0.8	30"	27				
				28				
				29				
				30				
				31				
CS	30-35'	0.6	31"	32				
				33				
				34				
				35				
				36				
CS	35-38'	0.3	20"	37			SHALE, bluegray, weathered very sh ^l	
				38				
				39				
				40				
				41				
				42				
				43				
				44				
				45				

SHALE, bluegray, weathered very sh^l

Boring Terminated @ 38'

LEGEND:
 SS - Split Spoon
 CS - 5 foot CME Sampler
 ST - Shelby Tube
 PID - Photolization Detector
 PP - Pocket Penetrometer
 HSA - Hollow Stem Augers
 DT - Dual Tube Sampler
 HA - Hand Auger
 WB - Wash Bore
 RB - Rock Bit
 NX - Rock Core

THE STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY LINES BETWEEN SOIL AND ROCK TYPES: ACTUAL TRANSITIONS MAY BE GRADUAL.