WATER WELL RECORD Form WWC-5

Division of Water Resources App. No. _____

1 LOCATION OF WATER WELL: County: Norton | Fraction: ¼ SW ¼ SW ¼ NW ¼ | Section Number: 21 | Township No.: T 3 S | Range Number: R 23 ☐E ☑W

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☐.
3 mi south and 1 mi west of Norton, KS

Global Positioning System (GPS) information:
Latitude: 39.777778 (in decimal degrees)
Longitude: -99.925556 (in decimal degrees)
Elevation: .....
Datum: ☐ WGS 84, ☐ NAD 83, ☐ NAD 27
Collection Method:
☑ GPS unit (Make/Model: Hand Held)
☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey
Est. Accuracy: ☐ <3 m, ☐ 3-5 m, ☐ 5-15 m, ☐ >15 m

2 WATER WELL OWNER:
RR#, Street Address, Box #: Chris Schroeder / 2003 Partridge ST Ste D
City, State, ZIP Code : Tyler, TX 75701

3 LOCATE WELL WITH AN "X" IN SECTION BOX:

N / W / E / S; NW, NE, SW, SE; |---------1 mile---------|

4 DEPTH OF COMPLETED WELL 230 ft.
Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.
WELL'S STATIC WATER LEVEL 14 ft. below land surface measured on mo/day/yr. 7/29/09
Pump test data: Well water was 182 ft. after 3 hours pumping 23 gpm
EST. YIELD 23 gpm. Well water was..... ft. after..... hours pumping..... gpm
Bore Hole Diameter 10 in. to 230 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 5 in. to 190 ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.
Casing height above land surface 18 in., Weight ..... lbs./ft., Wall thickness or gauge No. .016"
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 190 ft. to 230 ft., From ..... ft. to ..... ft.
From ..... ft. to ..... ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From 20 ft. to 230 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 0 ft. to 20 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 Attached 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) 7/29/09 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 433 This Water Well Record was completed on (mo/day/year) 8/29/09 under the business name of Sargent Irrigation by (signature) Ken

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.

KSA 82a-1212 Check: ☑ White Copy, ☐ Blue Copy, ☐ Pink Copy

Sargent Irrigation

WELL AND PUMP SERVICE

PO Box 268
Holdrege, NE 68949

825 Brewster Road

Phone: (308) 995-6143
1-800-860-2946

TEST HOLE LOG

CUSTOMER: Chris Schroeder	
WELL ID: LOCATION: SE ¼, 21-T3S-R23W, Norton Co., KS	
LATITUDE: 39° 46' 40" LONGITUDE: -99° 55' 32"	
DATE: 7/29/09	DRILLED BY: Kyle and Cody

SWL: 149'
PWL: 182'
GPM: 23

from feet	- to feet	
0	20	Top soil and clay with trace lime
20	29	Fine sand with thin limestone strips
29	48	Fine sand and sandstone and cemented sand with traces lime
48	60	Cemented sand with lime layers (thin)
60	80	Fine sand and sandy clay with thin lime layers
80	100	Fine sand with thin sandy clay layers traces limestone
100	120	Fine to medium sand and sandy clay with sandstone streaks
120	129	Fine to medium sand
129	140	Fine to medium sand and sandy clay
140	147	Fine sand and sandy clay
147	149	Limestone
149	160	Fine sand and sandy clay
160	161	Sandstone
161	180	Fine sand with thin sandy clay strips
180	185	Fine to medium sand
185	200	Fine sand and sandy clay with lime
200	203	Fine sand and sandy clay
203	216	Fine sand sandy clay with lime and yellow ochre
216	220	Medium to coarse sand and sandy clay with lime and ochre
220	222	Medium to coarse sand
222	227	Sandy clay and yellow ochre with fine sand
227	240	Yellow ochre and grey shale

Well Information:

Well depth: 230
Plain casing: 0-190'
Perf. Set: 190-230'

Bore hole: 10"
Perf. casing: 190-230'
Gravel:20-230' (Armorcoat)

Casing size: 5" PVC Eagle
Slot size: .016"
Grout: 0-20'