WATER WELL RECORD   Form WWC-5   Division of Water Resources App. No. ☐

1 LOCATION OF WATER WELL:

County: Saline

Fraction: SE ¼ SW ¼ SW ¼ SW ¼

Section Number: 4   Township No. T 14 S   Range Number R 3 ☐E ☑W

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☑.

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

2 WATER WELL OWNER: Cargill, Incorporated
RR#, Street Address, Box #: 1112 North Halstead Road
City, State, ZIP Code: Salina, KS 67401

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

N

--NW--	--NE--	
--SW--	--SE--	
x		

W ... E

S

|---------1 mile---------|

4 DEPTH OF COMPLETED WELL 33.3 .... ft.
Depth(s) Groundwater Encountered (1) 19 .... ft. (2)................. ft. (3)................... ft.
WELL'S STATIC WATER LEVEL 14.53 .... ft. below land surface measured on mo/day/yr. 01/09/12 ....
Pump test data: Well water was 25.83 ....ft. after 3 .... hours pumping. 2 .... gpm
EST. YIELD 1-2 ....gpm. Well water was................ft. after................. hours pumping................ gpm
Bore Hole Diameter 12 ....in. to 33.3 ....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 Extraction 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 4 .... in. to 20.93 ...... ft., Diameter 4 .... in. to 33.3 .... ft., Diameter .... in. to .... ft.
Casing height above land surface 0.74 ft .... 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) 0.030-inch ....
SCREEN-PERFORATED INTERVALS: From 20.93 .... ft. to 30.93 .... ft., From .... ft. to .... ft.
From.................. ft. to.................. ft., From .... ft. to .... ft.
GRAVEL PACK INTERVALS: From 17.9 .... ft. to 33.3 .... ft., From .... ft. to .... ft.
From.................. ft. to.................. ft., From .... ft. to .... ft.

6 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☐ Bentonite ☑ Other (Bentonite Chips) ....
Grout Intervals: From 17.9 ...... ft. to 0.5 .... 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
0	14	Silty Clay 7.5YR 4/6, moist			
14	17.5	becomes very moist, trace sand/grvl			
17.5	19	Becomes some sand			
19	22.5	Sand(fine)7.5YR 4/6 wet, well sorted			
22.5	28	becomes silty sandy clay			
28	31	Sand(fine-med)7.5 YR 4/6 wet, loose			
31	33.3	Shale, green gray, weathered, hard			
					PW-8

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) 01/06/12 .... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 527 This Water Well Record was completed on (mo/day/year) 5/19/12 .... under the business name of Geo Core Inc by (signature) Dale Robl

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