WATER WELL RECORD — Form WWC-5

Division of Water Resources App. No. _____

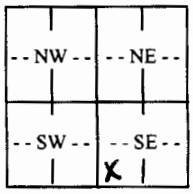
1 LOCATION OF WATER WELL: County: Morton | Fraction: SW ¼ SW ¼ SE ¼ ¼ | Section Number: 5 | Township No.: T 33 S | Range Number: R 42 ☐E ☑W

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☐.
0.4 miles W of Hwy 51 on Q Rd

Global Positioning System (GPS) information:
Latitude: 37.20028 (in decimal degrees)
Longitude: 101.90823 (in decimal degrees)
Elevation: 3530
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: Seth Nelson
RR#, Street Address, Box #: P.O. Box 481
City, State, ZIP Code : Johnson, KS 67855

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



4 DEPTH OF COMPLETED WELL 600 ft.
Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.
WELL'S STATIC WATER LEVEL 115 ft. below land surface measured on mo/day/yr.....
Pump test data: Well water was.....ft. after..... hours pumping..... gpm
EST. YIELD 200+ gpm. Well water was.....ft. after..... hours pumping..... gpm
Bore Hole Diameter 17.5 in. to 195 ft., and 10 in. to 600 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 12.75 in. to 195 ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.
Casing height above land surface 24 in., Weight .....lbs./ft., Wall thickness or gauge No. .250
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 115 ft. to 195 ft., From ..... ft. to ..... ft.
From ..... ft. to ..... ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From 20 ft. to 190 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 190 ft. to 195 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	LITHC. LOG (cont.) or PLUGGING INTERVALS
0	40	topsoil, caliche/sndy cly, snd strp	260	280	soft sandstone w/red clay strip
40	80	clay, med sand, brown clay strip	280	300	sft sndstne w/multiclrd clay/shale
80	100	brown clay	300	340	red clay & shale w/minor ss strips
100	140	fine sand & sandy clay	340	360	red clay w/some shale
140	160	med red sand, fine tan sand	360	380	yellow ss strip, red clay & shale
160	180	med red sand, hard sandstone	380	460	firm red clay & shale
180	195	yellow sandstone, red clay & shale	460	480	clay & shale; hard white rock strip
195	220	fairly tight yellow sandstone	480	500	red clay w/shale strips
220	240	firm to soft sandstone w/minor clay	500	520	white rock strip; red clay
240	260	sandstone w/clay & shale strips	520	540	pink/white rock w/red clay (See attached list)

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) 05/29/2012 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 518 This Water Well Record was completed on (mo/day/year) 05/25/2012 under the business name of Hydroresources-McCandlish by (signature) Randy Taylor

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

540-560 white rock strip, red clay

560-580 red clay w/white gypsum rock strips

580-600 red clay & hard shale