# WATER WELL RECORD — Form WWC-5

Division of Water Resources App. No. 42,108 ; 42,457

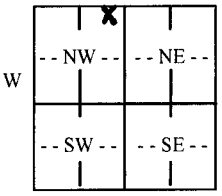
**1 LOCATION OF WATER WELL:** County: Stevens | Fraction: ¼ ¼ NE ¼ NW ¼ | Section Number: 2 | Township No.: T 34 S | Range Number: R 37 ☐E ☑W

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☐.
approx. 3.2 miles southeast of Hugoton, KS

**Global Positioning System (GPS)** information:
Latitude: 37.12633 (in decimal degrees)
Longitude: 101.31301 (in decimal degrees)
Elevation: 3100
Datum: ☐ WGS 84, ☐ NAD 83, ☑ NAD 27
Collection Method:
☑ GPS unit (Make/Model: MAGELLAN)
☐ 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 #: Rt 1 Box 82
City, State, ZIP Code : Hugoton, KS 67951
Marlin Heger

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




**4 DEPTH OF COMPLETED WELL** 595 ft.
Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.
WELL'S STATIC WATER LEVEL 230 ft. below land surface measured on mo/day/yr. 12/15/10
Pump test data: Well water was 452 ft. after 4 hours pumping 1100 gpm
EST. YIELD..... gpm. Well water was..... ft. after..... hours pumping..... gpm
Bore Hole Diameter 24 in. to 595 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 16 in. to 595 ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.
Casing height above land surface 12 in., Weight 42.09 lbs./ft., Wall thickness or gauge No. 0.250
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 420 ft. to 590 ft., From ..... ft. to ..... ft.
From ..... ft. to ..... ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From 20 ft. to 450 ft., From 450 ft. to 596 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 None Detected
☐ Watertight sewer lines ☐ Seepage pit ☐ Feedyard ☐ Fertilizer storage ☐ Oil well/gas well
Direction from well None Detected Distance from well .....

| FROM | TO | LITHOLOGIC LOG | FROM | TO | LITHO. LOG (cont.) or PLUGGING INTERVALS |
|---|---|---|---|---|---|
| 0 | 2 | surface | 118 | 132 | brown sandy clay, few limerock |
| 2 | 7 | fine sand | 132 | 145 | sand fine to med, coarse |
| 7 | 11 | gray clay | 145 | 155 | brown sandy clay, few sand streaks |
| 11 | 16 | fine sand | 155 | 178 | light blue & brown sandy clay |
| 16 | 22 | brown sandy clay, fine sand | 178 | 193 | brown sandy clay, some sand streaks |
| 22 | 40 | fine sand | 193 | 221 | brown sandy clay |
| 40 | 60 | snd fne-md, few crse, few cly strks | 221 | 243 | brown and red sandy clay |
| 60 | 80 | sd fn-md, crs few sm gvl fw cly stk | 243 | 281 | red sand clay |
| 80 | 100 | snd fn-crs sm-lrg grvl few cly strk | 281 | 293 | red sandy clay, few hard ledges |
| 100 | 118 | brown clay | 293 | 302 | red & yellow sndy clv, hard ledges |

**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) 12/15/10 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145 This Water Well Record was completed on (mo/day/year) 1/13/11 under the business name of Hydro Resources Mid Continent 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.

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

# WATER WELL RECORD Form WWC-5

Division of Water Resources App. No. 42,108

**1 LOCATION OF WATER WELL:** Fraction ¼ ¼ ¼ ¼ | Section Number | Township No. T S | Range Number R ☐E ☐W

County:

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:**
RR#, Street Address, Box #:
City, State, ZIP Code :

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

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

**4 DEPTH OF COMPLETED WELL** ..... ft.
Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.
WELL'S STATIC WATER LEVEL.....ft. below land surface measured on mo/day/yr.....
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 .....in. to .....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 ..... in. to ..... ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.
Casing height above land surface..... in., Weight .....lbs./ft., Wall thickness or gauge No. .....
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..... ft. to ..... ft., From ..... ft. to ..... ft.
From..... ft. to ..... ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From..... ft. to ..... 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 ..... ft. to ..... 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 |
|---|---|---|---|---|---|
| 302 | 325 | yllw sndy cly few snd strk, hrd ldg | 559 | 581 | snd fine to med coarse, small grvl |
| 325 | 382 | red sandy clay, hard ledges | 581 | 600 | red bed |
| 382 | 400 | red sandy clay, few crse sand strks | | | |
| 400 | 420 | red sandy clay | | | |
| 420 | 443 | red sandy clay few fine sand streak | | | |
| 443 | 460 | red sandy clay, coarse sand streaks | | | |
| 460 | 480 | snd fne-med coarse, few clay streak | | | |
| 480 | 500 | snd fn-md, few crse, some cly strks | | | |
| 500 | 521 | red sandy clay | | | |
| 521 | 559 | sd fn-md crs few sm grv few cly str | | | |

**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) ..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. ..... This Water Well Record was completed on (mo/day/year) ..... under the business name of ..... 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.

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