WATER WELL RECORD Form WWC-5

Division of Water Resources App. No. 8775

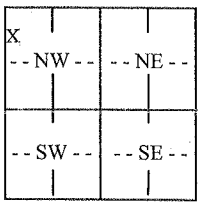
1 LOCATION OF WATER WELL: County: GREELEY | Fraction: SW ¼ NW ¼ NW ¼ NW ¼ | Section Number: 3 | Township No.: T 16 S | Range Number: R 39 ☐E ☒W

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☐.
13 South of Sharon Springs, 6 1/2 East to RD 23
East side of RD 23

Global Positioning System (GPS) information:
Latitude: 38° 41.922'N (in decimal degrees)
Longitude: 101° 37.301'W (in decimal degrees)
Elevation: 3515'
Datum: ☐ WGS 84, ☐ NAD 83, ☒ NAD 27
Collection Method:
☒ GPS unit (Make/Model: GARMIN)
☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey
Est. Accuracy: ☐ <3 m, ☐ 3-5 m, ☒ 5-15 m, ☐ >15 m

2 WATER WELL OWNER: WU'S FARMLAND LTD
RR#, Street Address, Box #: 2450 CENTRAL AVE. P-3
City, State, ZIP Code: BOULDER CO 80201

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



4 DEPTH OF COMPLETED WELL 205 ft.
Depth(s) Groundwater Encountered (1) 170 ft. (2) ..... ft. (3) ..... ft.
WELL'S STATIC WATER LEVEL 169.5 ft. below land surface measured on mo/day/yr 9/15/14
Pump test data: Well water was 178.5 ft. after 4 1/2 hours pumping 210 gpm
EST. YIELD 210 gpm. Well water was 180 ft. after 24 hours pumping 230 gpm
Bore Hole Diameter 30 in. to 203 ft., and 16 in. to 205 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 14 in. to 170 ft., Diameter 14 in. to from 190'to205' in. to ft.
Casing height above land surface 12 in., Weight 29.91 lbs./ft., Wall thickness or gauge No. .219

TYPE OF SCREEN OR PERFORATION MATERIAL:
☒ Steel ☐ Stainless Steel ☐ PVC ☐ Other (Specify)
☐ Brass ☐ Galvanized Steel ☐ None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: 100
☒ 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 170 ft. to 190 ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 205 ft. to 20 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 20 ft. to +1 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
☐ 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 SEPARATE SHEET			

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) 9-16-2014 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 633 This Water Well Record was completed on (mo/day/year) 10-6-2014 under the business name of DMW WELL & PUMP SERVICE by (signature) Gerald T. Hisdahl

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

Wis Farmland NW¼-NW¼-3-165-39W
File # 8775 38° 41.922' N 101° 37.301' W
Drilling Log - Reverse Rotary 9-5-14

0-36'	Topsoil, Brown & White Clay, Sandstone Layers
36-58'	Sandstone & Rock Layers First 8' - Coarse Sand, Medium Gravel Re
58-68'	Coarse Sand, Medium Gravel, Brown Sandy Clay, Layers
68-93'	Sand, Small to Medium Gravel, Brown Clay Layers
93-118'	Fine to Coarse Sand, Brown & Green Clay Layers
118-143'	Fine to Coarse Sand, Small to Medium Gravel, Brown Clay Laye
143-169'	Fine to Coarse Sand, Some Brown Clay, 8' Sandy Clay
169-174'	Fine to Coarse Sand, Some Small Gravel
174-187'	Fine to Coarse Sand, Small to Medium Gravel, Big Gravel Last 18
187-190'	Ochra
190-194'	Black Shale
194-205'	Black Shale

Down at 6:00 Am