WATER WELL RECORD Form WWC-5

Division of Water Resources App. No. 23454

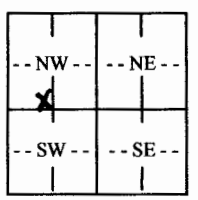
1 LOCATION OF WATER WELL: County: Kearney | Fraction: ¼ SE ¼ SW ¼ NW ¼ | Section Number: 24 | Township No.: T 25 S | Range Number: R 35 ☐E ☑W

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: 37.84799 (in decimal degrees)
Longitude: 101.11724 (in decimal degrees)
Elevation: 2980
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: Wheatland Water Treatment
RR#, Street Address, Box #: P.O. Box 953
City, State, ZIP Code : Garden City, KS 678461078

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



4 DEPTH OF COMPLETED WELL 516 ft.
Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.
WELL'S STATIC WATER LEVEL 243 ft. below land surface measured on mo/day/yr 7/2/10
Pump test data: Well water was 399 ft. after 4 hours pumping 1003 gpm
EST. YIELD..... gpm. Well water was..... ft. after..... hours pumping..... gpm
Bore Hole Diameter 24 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 16 in. to ..... 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. 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 289 ft. to 539 ft., From ..... ft. to ..... ft.
From ..... ft. to ..... ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From 355 ft. to 20 ft., From ..... ft. to ..... ft.
From 544 ft. to 355 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
0'	4'	blow sand	280'	301'	snd fn to md crs sm to few md grvl
4'	35'	fn snd few cmntd few clay	301'	320'	brown&white cly, few limerock
35'	95'	snd fn to md crs sm to lrg grvl	320'	337'	snd fn to some sm, some thin clay
		few cobblestone	337'	383'	brwn cly, sticky, sluffery sands
95'	107'	brwn clay, sluffery gravels	383'	394'	snd slty to fn, clys mxd, tight
107'	176'	snd fn to md crs sm &md grvl	394'	406'	snd slty to fn, few sm
176'	185'	brown clay	406'	440'	brwn cly, fw yllw stcky fw sndstrk
185'	221'	snd fn to md crs, some clays	440'	453'	spstn slffry snd&clys brwn&yllw
221'	238'	brown clay, sluffery sands			sndstn, hard
238'	280'	snd fn to md crs few sm grvl	453'	459'	yellow soapstone, few shale

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) 7/2/10 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) 8/2/10 under the business name of Hydro Resources 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

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Division of Water Resources App. No. _____

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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 -- NW -- -- NE -- E
-- SW -- -- SE --
S
|---------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)
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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:
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☐ 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 .....
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☐ 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
459'	495'	spstn brwn&yllw sndstn			
495'	497'	lmstn, hard			
497'	511'	spstn, sndstn, tight			
511'	530'	spstn lmstn hard brown shales			
530'	533'	limestone, very hard			
533'	550'	spstn lmstn brown shales			
550'	570'	grey shales			

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under the business name of ..... by (signature) .....

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