WATER WELL RECORD — Form WWC-5

Division of Water Resources App. No. 18,916

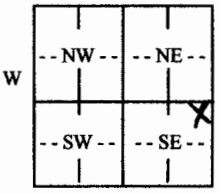
1 LOCATION OF WATER WELL: County: Stevens | Fraction: ¼ NE ¼ NE ¼ SE ¼ | Section Number: 34 | Township No.: T 34 S | Range Number: R 36 ☐E ☑W

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☐.
From Hugoton, approx. 7 mi. East & 9 mi. South

Global Positioning System (GPS) information:
Latitude: 37.04676 (in decimal degrees)
Longitude: 101.21335 (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 #: 2421 S Holly Dr
City, State, ZIP Code : Liberal, Ks 67912

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



4 DEPTH OF COMPLETED WELL 717 ft.
Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.
WELL'S STATIC WATER LEVEL 213 ft. below land surface measured on mo/day/yr. 5/20/09
Pump test data: Well water was 367 ft. after 4 hours pumping 1052 gpm
EST. YIELD.....gpm. Well water was..... ft. after..... hours pumping..... gpm
Bore Hole Diameter 24 in. to 717 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 717 ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.
Casing height above land surface 12 in., Weight 42 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 216 ft. to 246 ft., From 288 ft. to 298 ft.
From 318 ft. to 378 ft., From 410 ft. to 640 ft.
GRAVEL PACK INTERVALS: From 20 ft. to 717 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 ..... 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 East & North Distance from well 120' & 40'

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	2	Top Soil	298	320	Brown Sandy Clay
2	14	Brown Clay, Caliche	320	337	Silty to Fine Sand
14	45	Gray-Brown & Red-Brown Clay	337	385	White-Gray & Blue Clay,Few Limerock
45	69	Fn-Md Crs Sand, Sm-Lg Gravel	385	410	Gray-Bl, Wht, Yllw Clay, Limerock
69	83	Brown Clay	410	444	Fine Sand, Thin Clays
83	95	Fine Sand	444	480	Gray-Bl, Wht, Ylw Clay, Silty Sand
95	175	Red-Brown Clay	480	502	Silty to Fine Sand, Thin Clay
175	246	F-Md Crs Sand, Clay, Grvl, Brwn Rck	502	640	Gray-Wht Clay, Silty Sand
246	288	Brown Sandy Clay, Few Sand	640	712	F-Md Crs Sand, Brown Rock, Clays
288	298	Fine to Small Loose Sand	712	717	Red Sticky Clay, Few Blue & Gray

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) 5-9-2009 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) 6/13/2009 under the business name of Henkle Drilling & Supply Co., Inc. by (signature) [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