WATER WELL RECORD — Form WWC-5

Division of Water Resources App. No. 19,577

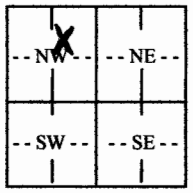
1 LOCATION OF WATER WELL: County: Seward | Fraction: ¼ SW ¼ NE ¼ NW ¼ | Section Number: 23 | Township No.: T 31 S | Range Number: R 31 ☐E ☑W

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☐.
From Kismet, approx. 2 mi. East & 9 mi. North.

Global Positioning System (GPS) information:
Latitude: 37.34164 (in decimal degrees)
Longitude: 100.66590 (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: Bradford Nathan Barnhardt Trust
RR#, Street Address, Box #: 608 S Glenoakes Circle
City, State, ZIP Code : Nixa, MO 65714

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



4 DEPTH OF COMPLETED WELL 510 ft.
Depth(s) Groundwater Encountered (1) ft. (2) ft. (3) ft.
WELL'S STATIC WATER LEVEL 278 ft. below land surface measured on mo/day/yr. 5/14/09
Pump test data: Well water was 307 ft. after 4 hours pumping 1561 gpm
EST. YIELD gpm. Well water was ft. after hours pumping gpm
Bore Hole Diameter 24 in. to 510 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 510 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 305 ft. to 505 ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 20 ft. to 510 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 South & West Distance from well 292 & 25

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	2	Top Soil	282	330	Fine to Medium Coarse Sand
2	101	Bwn Sndy Clay, Fn Sand, Lmrck, Grvl	330	348	Fine to Medium Sand, Some Coarse
101	166	Fine to Med. Crs Sand, Brwn Rock	348	349	Blue Clay, Small Sand Beds
166	180	Brown Sandy Clay	349	399	Fn-Md Crs Sand, Some Clay Stringers
180	191	Fine to Medium Coarse Sand	399	426	Fine to Med. Crs Sand, Clay Stringr
191	197	Brown Sandy Clay	426	505	Fine to Med. Sand. Mixed Sluffy Clv
197	219	Fine to Med. Crs Sand, Brown Rock	505	510	Red Bed
219	229	Brown Sandy Clay			
229	281	Fine to Med. Crs Sand, Small Gravel			
281	282	Brown Sandy Clay			

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) 5/2/2009 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) 6/4/2009 under the business name of Henkle Drilling & Supply Co., Inc. 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