WATER WELL RECORD — Form WWC-5

Division of Water Resources App. No. _____

1 LOCATION OF WATER WELL: County: MARSHALL | Fraction: SE¼ SE¼ SE¼ NW¼ | Section Number: 6 | Township No.: T 1 S | Range Number: R 7 ☒E ☐W

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☐.
ARROWHEAD ROAD & 8½ ROAD - .05 NORTH - 3000' WEST WELL #17

Global Positioning System (GPS) information:
Latitude: N39° 59. 713' (in decimal degrees)
Longitude: W96° 41. 154' (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 #: WASHINGTON Co RWD #1, 101 S. BERN
City, State, ZIP Code : HANOVER, KS 66945

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

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

4 DEPTH OF COMPLETED WELL 161 ft.
Depth(s) Groundwater Encountered (1) 86 ft. (2) ..... ft. (3) ..... ft.
WELL'S STATIC WATER LEVEL 86 ft. below land surface measured on mo/day/yr 9-8-11
Pump test data: Well water was 86 ft. after 8 hours pumping 50 gpm
EST. YIELD 100 gpm. Well water was ..... ft. after ..... hours pumping ..... gpm
Bore Hole Diameter 16 in. to 153 ft., and 6 in. to 161 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 6 in. to 153 ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.
Casing height above land surface 24 in., Weight ..... lbs./ft., Wall thickness or gauge No. .584"
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 NONE 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 5 ft. to 25 ft., From 25 ft. to 33 ft., From 75 ft. to 153 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 NORTH Distance from well 2000

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	33	CLAY - BROWNS + YELLOW	141	146	CLAY - RED
33	48	SILT - SANDY TAN	146	147	LIMESTONE - SOFT YELLOW - WATER LOSS
48	68	SAND - FINE BROWN	147	149	" - BROWN + WHITE - " "
68	75	" - FINE to MEDIUM BROWN - LIMESTONE	149	153	CLAY - BROWN + RED
75	86	CLAY - BROWN + TAN	153	153.5	LIMESTONE - HARD WHITE
86	129	" - BLUE/GRAY & DARK GRAY	153.5	154	" - CAVITY - WATER LOSS
129	130	SAND - FINE BROWN	154	156	" - WHITE
130	135	CLAY - GRAY	156	161	SHALE - GRAY
135	137	SAND - FINE BROWN			
137	141	CLAY - SILTY 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) 10-3-11 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 804 This Water Well Record was completed on (mo/day/year) 11-5-11 under the business name of BLUE VALLEY DRILLING LLC by (signature) Roger Stuart

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