

1 LOCATION OF WATER WELL: Fraction Section Number Township Number Range Number
 COUNTY: 038 HAMILTON SE 1/4 SW 1/4 SE 1/4 31 T 26 S R 40 W

Distance and direction from nearest town or city street address of well if located within city?
 APPX 13 MILES NORTH, 1 1/2 EAST, 2 SOUTH & 1/4 E OF JOHNSON

2 WATER WELL OWNER: SYRACUSE DAIRY
 RR#, St. Address, Box #: HCO 1 BOX 61 Board of Agriculture, Division of Water Resources
 City, State, ZIP code : SYRACUSE, KS 67878-9723 Application Number: 21,563

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:

/ \				
1	---	NW	---	NE
M				
i	W			E
l				
e				
		SW		SE
\ /				
			X	

4 DEPTH OF COMPLETED WELL 477 ELEVATION: 0
 Depth(s) Groundwater Encountered 1. 0 ft. 2. 0 ft. 3. 0 ft.
 WELL'S STATIC WATER LEVEL 247 ft. below land surface measured on mo/day/yr 06/15/98
 Pump testdata: Well water was 421 ft. after 4 hours pumping 82 gpm
 Estimated Yield 82 gpm: Well water was 0 ft. after 0 hours pumping 0 gpm
 Bore Hole Diameter 24 in. to 477 ft., and in. to 0 ft.
 WELL WATER TO BE USED AS: 02 IRRIGATION
 Was a chemical/bacteriological sample submitted to department? No ;
 If yes, mo/day/yr sample was submitted Water well disinfected? Yes

5 TYPE OF BLANK CASING USED: 01 STEEL CASING JOINTS: WELDED
 Blank casing diameter 16 in. to 477 ft., Dia in. to 0 ft., Dia in. to 0 ft.
 Casing height above land surface 12 in., weight 42 lbs/ft. Wall thickness or gauge No. .250
 TYPE OF SCREEN OR PERFORATION MATERIAL: 01 STEEL
 SCREEN OR PERFORATION OPENINGS ARE: 01 CONT. SLOT

SCREEN PERFORATED INTERVALS: From 222 ft. to 472 ft., From 0 ft. to 0 ft.
 From 0 ft. to 0 ft., From 0 ft. to 0 ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 477 ft., From 0 ft. to 0 ft.
 From 0 ft. to 0 ft., From 0 ft. to 0 ft.

6 GROUT MATERIAL 03 BENTONITE
 Grout Intervals: From 0 ft. to 20 ft., From 0 ft. to 0 ft., From 0 ft. to 0 ft.
 What is the nearest source of possible contamination: 14 ABAND. WELL
 Direction from well? SOUTH-SOUTHWEST How many feet? 290

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	02 SILT			
2	37	01 CLAY 04 SANDY CLAY			
37	43	23 SANDSTONE 28 ROCK 19 SHALE			
43	90	19 SHALE 31 CALICHE 23 SANDSTONE			
43	90	20 LIMESTONE			
90	130	23 SANDSTONE			
130	140	19 SHALE			
140	154	23 SANDSTONE 31 CALICHE			
154	220	19 SHALE 20 LIMESTONE			
220	243	23 SANDSTONE			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was Constructed under my jurisdiction and was completed on (mo/day/year) 05/21/98 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/yr) 06/23/98 under the business name of HENKLE DRILLING & SUPPLY by (signature)

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FROM	TO	LITHOLOGIC LOG
243	259	19 SHALE
259	273	23 SANDSTONE
273	275	20 LIMESTONE
275	293	23 SANDSTONE 31 CALICHE
293	298	31 CALICHE 01 CLAY
298	338	23 SANDSTONE 31 CALICHE
338	342	31 CALICHE 01 CLAY 28 ROCK
342	353	23 SANDSTONE 31 CALICHE
353	362	31 CALICHE 01 CLAY
362	420	23 SANDSTONE
420	437	23 SANDSTONE 20 LIMESTONE
437	445	31 CALICHE 20 LIMESTONE
445	460	05 SAND
460	472	20 LIMESTONE 23 SANDSTONE 31 CALICHE
472	480	19 SHALE

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by (signature)

Bruce J. Reichmuth