

1 LOCATION OF WATER WELL: Fraction Section Number Township Number Range Number  
 COUNTY: 088 SEWARD SE 1/4 SE 1/4 SW 1/4 10 T 32 S R 34 W

Distance and direction from nearest town or city street address of well if located within city?  
 APPROX. 11 MILES SOUTH AND 5 MILES WEST OF SATANTA.

2 WATER WELL OWNER: B.F. JERMAN  
 RR#, St. Address, Box #: RT. 2, BOX 31 Board of Agriculture, Division of Water Resources  
 City, State, ZIP code: LIBERAL, KS 67901- Application Number: 40,061

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 4 DEPTH OF COMPLETED WELL 523 ELEVATION: 0  
 Depth(s) Groundwater Encountered 1. 236 ft. 2. 0 ft. 3. 0 ft.  
 WELL'S STATIC WATER LEVEL 236 ft. below land surface measured on mo/day/yr 12/14/91  
 Pump testdata: Well water was 286 ft. after 4 hours pumping 1653 gpm  
 Estimated Yield 1400 gpm; Well water was 286 ft. after 4 hours pumping 1653 gpm  
 Bore Hole Diameter 28 in. to 523 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? No

5 TYPE OF BLANK CASING USED: 01 STEEL CASING JOINTS: WELDED  
 Blank casing diameter 16 in. to 523 ft., Dia in. to 0 ft., Dia in. to 0 ft.  
 Casing height above land surface 12 in., weight 47 lbs/ft. Wall thickness or gauge No. .281  
 TYPE OF SCREEN OR PERFORATION MATERIAL: 01 STEEL  
 SCREEN OR PERFORATION OPENINGS ARE: 01 CONT. SLOT

SCREEN PERFORATED INTERVALS: From 268 ft. to 328 ft., From 390 ft. to 400 ft.  
 From 341 ft. to 361 ft., From 410 ft. to 440 ft.  
 GRAVEL PACK INTERVALS: From 20 ft. to 520 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: NONE OBSERVED  
 Direction from well? How many feet? 0

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	01 CLAY			
2	32	01 CLAY 02 SILT			
32	42	04 SANDY CLAY 31 CALICHE			
42	60	01 CLAY			
60	73	06 VERY FN SAND 07 FINE SAND 01 CLAY			
73	90	05 SAND 13 FINE GRAVEL			
90	114	04 SANDY CLAY 17 SAND & GRAVL 20 LIMESTONE			
114	145	05 SAND 13 FINE GRAVEL 15 CRS GRAVEL			
145	146	28 ROCK			
146	162	01 CLAY 28 ROCK			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was Constructed under my jurisdiction and was completed on (mo/day/year) 12/12/91 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) 02/06/92  
 under the business name of HENKLE DRILLING & SUPPLY by (signature) *Douglas R. Henkle*

(Continued)

## WATER WELL RECORD Form WWC-5 KSA 82a-1212

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SCREEN PERFORATED INTERVALS: From 490 ft. to 520 ft., From 0 ft. to 0 ft.  
From 0 ft. to 0 ft., From 0 ft. to 0 ft.

FROM	TO	LITHOLOGIC LOG
162	183	05 SAND 11 GRAVEL 20 LIMESTONE
183	219	05 SAND 13 FINE GRAVEL 01 CLAY
219	240	05 SAND 13 FINE GRAVEL 28 ROCK
240	270	05 SAND 13 FINE GRAVEL
270	286	05 SAND 13 FINE GRAVEL
286	290	04 SANDY CLAY 05 SAND
290	297	05 SAND 13 FINE GRAVEL
297	314	05 SAND 35 CLAY & GRAVEL 28 ROCK
314	328	05 SAND 01 CLAY
328	340	01 CLAY 05 SAND
340	362	05 SAND 13 FINE GRAVEL 30 ROCK & CLAY
362	372	01 CLAY 05 SAND
372	388	05 SAND 01 CLAY 28 ROCK
388	400	05 SAND 13 FINE GRAVEL
400	410	01 CLAY 20 LIMESTONE
410	442	05 SAND 13 FINE GRAVEL
442	460	01 CLAY
460	485	01 CLAY
485	490	19 SHALE
490	507	23 SANDSTONE
507	510	19 SHALE 20 LIMESTONE
510	520	23 SANDSTONE
520	525	19 SHALE

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