

1 LOCATION OF WATER WELL: | Fraction | Section Number | Township Number | Range Number  
 COUNTY: 095 STEVENS | SE 1/4 SW 1/4 NW 1/4 | 29 | T 33 S | R 37 W

Distance and direction from nearest town or city street address of well if located within city?  
 APPROX. 3/4 MILE WEST AND 1 1/2 MILES SOUTH OF HUGOTON

2 WATER WELL OWNER: MARLIN HEGER & BETTY LEE  
 RR#, St. Address, Box #: RFD 1, BOX 82 Board of Agriculture, Division of Water Resources  
 City, State, ZIP code: HUGOTON, KS 67951- Application Number: 39,993

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: | 4 DEPTH OF COMPLETED WELL 568 ELEVATION:  
 Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.  
 WELL'S STATIC WATER LEVEL 126 ft. below land surface measured on mo/day/yr 02/16/91  
 Pump test data: Well water was 141 ft. after 4 hours pumping 1790 gpm  
 Estimated Yield 1790 gpm: Well water was ft. after hours pumping gpm  
 Bore Hole Diameter 24 in. to 568 ft., and in. to 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 568 ft., Dia in. to ft., Dia 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: 01 STEEL  
 SCREEN OR PERFORATION OPENINGS ARE: 01 CONT. SLOT

SCREEN PERFORATED INTERVALS: From 186 ft. to 326 ft., From 371 ft. to 381 ft.  
 From 341 ft. to 361 ft., From 398 ft. to 458 ft.  
 GRAVEL PACK INTERVALS: From 20 ft. to 567 ft., From ft. to ft.  
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL 03 BENTONITE  
 Grout intervals: From ft. to 20 ft., From ft. to ft., From ft. to ft.  
 What is the nearest source of possible contamination: NONE OBSERVED  
 Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
	3	01 CLAY			
3	14	07 FINE SAND 08 MEDIUM SAND			
14	19	01 CLAY			
19	25	04 SANDY CLAY 07 FINE SAND			
25	38	07 FINE SAND 08 MEDIUM SAND			
38	56	01 CLAY 05 SAND			
56	64	07 FINE SAND 08 MEDIUM SAND			
64	70	07 FINE SAND 08 MEDIUM SAND 13 FINE GRAVEL			
70	140	04 SANDY CLAY 21 SHALE & LMST 23 SANDSTONE			
140	157	04 SANDY CLAY 23 SANDSTONE 05 SAND			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was Constructed under my jurisdiction and was completed on (mo/day/year) 02/14/91 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) 03/16/91  
 under the business name of HENKLE DRILLING & SUPPLY by (signature) *Bruce Reichmuth*

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FROM	TO	LITHOLOGIC LOG
157	170	08 MEDIUM SAND 13 FINE GRAVEL 04 SANDY CLAY
170	185	08 MEDIUM SAND 13 FINE GRAVEL 14 MED GRAVEL
185	326	08 MEDIUM SAND 14 MED GRAVEL 30 ROCK & CLAY
326	338	01 CLAY
338	363	08 MEDIUM SAND 14 MED GRAVEL 30 ROCK & CLAY
363	371	01 CLAY 21 SHALE & LWST
371	381	07 FINE SAND 08 MEDIUM SAND 13 FINE GRAVEL
381	395	04 SANDY CLAY 05 SAND
395	461	08 MEDIUM SAND 14 MED GRAVEL 30 ROCK & CLAY
461	485	01 CLAY
485	515	07 FINE SAND 08 MEDIUM SAND 04 SANDY CLAY
515	525	07 FINE SAND 08 MEDIUM SAND 13 FINE GRAVEL
525	538	01 CLAY 05 SAND
538	550	04 SANDY CLAY 05 SAND
550	565	07 FINE SAND 08 MEDIUM SAND 13 FINE GRAVEL
565	580	19 SHALE

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