

1 LOCATION OF WATER WELL: Fraction Section Number Township Number Range Number
 COUNTY: 095 STEVENS 1/4 N/C 1/4 NW 1/4 31 T 33 S R 37 W

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

2 WATER WELL OWNER: GARY HEGER
 RR#, St. Address, Box #: RT. 1, BOX 71A Board of Agriculture, Division of Water Resources
 City, State, ZIP code: HUGOTON, KS 67951- Application Number: 39,974

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

1	2	3	4	5	6	7	8	9	10

4 DEPTH OF COMPLETED WELL 556 ELEVATION:
 Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL 140 ft. below land surface measured on mo/day/yr 02/14/91
 Pump test data: Well water was 189 ft. after 4 hours pumping 1600 gpm
 Estimated Yield 1600 gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter 24 in. to 556 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 556 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 234 ft. to 284 ft., From 390 ft. to 550 ft.
 From 302 ft. to 332 ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 546 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
	2	01 CLAY			
2	23	04 SANDY CLAY			
23	30	07 FINE SAND 08 MEDIUM SAND			
30	44	01 CLAY			
44	98	04 SANDY CLAY 05 SAND 20 LIMESTONE			
98	104	07 FINE SAND			
104	113	07 FINE SAND 08 MEDIUM SAND			
113	136	04 SANDY CLAY 05 SAND			
136	165	07 FINE SAND 08 MEDIUM SAND 23 SANDSTONE			
165	220	07 FINE SAND 08 MEDIUM SAND 13 FINE GRAVEL			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was Constructed under my jurisdiction and was completed on (mo/day/year) 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) 04/06/91
 under the business name of HENKLE DRILLING & SUPPLY by (signature) *Bruce Reichmann*

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FROM	TO	LITHOLOGIC LOG
220	235	23 SANDSTONE 01 CLAY
235	261	07 FINE SAND 08 MEDIUM SAND 01 CLAY
261	284	08 MEDIUM SAND 23 SANDSTONE 01 CLAY
284	303	04 SANDY-CLAY
303	331	06 VERY FN SAND 07 FINE SAND
331	334	04 SANDY CLAY
334	387	19 SHALE
387	435	07 FINE SAND 08 MEDIUM SAND 09 COARSE SAND
435	444	01 CLAY
444	455	07 FINE SAND 08 MEDIUM SAND 09 COARSE SAND
455	465	01 CLAY 05 SAND
465	553	08 MEDIUM SAND 14 MED GRAVEL 01 CLAY
553	560	19 SHALE

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