

1 LOCATION OF WATER WELL: County: Cherokee	Fraction NW 1/4 NE 1/4 NW 1/4	Section Number 20	Township Number T 34 S	Range Number R 25 EW
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Distance and direction from nearest town or city street address of well if located within city?

In Riverton, Kansas

2 WATER WELL OWNER: Empire District Electric Co.

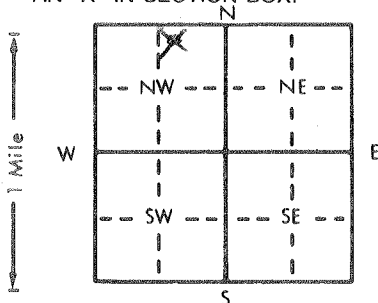
RR#, St. Address, Box # :

Board of Agriculture, Division of Water Resource

City, State, ZIP Code : Riverton, Kansas 66770

Application Number: 39,454

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



4 DEPTH OF COMPLETED WELL: 120.4 ft. ELEVATION:

Depth(s) Groundwater Encountered 1. 650' 880' ft. 2. 960' ft. 3. 1125' ft.

WELL'S STATIC WATER LEVEL: 95' 6" ft. below land surface measured on mo/day/yr 3-07-90

Pump test data: Well water was ft. after 4 hours pumping gpm

Est. Yield 533 gpm Well water was ft. after hours pumping gpm

Bore Hole Diameter 28 in. to 120.4 ft., and in. to ft.

WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well

1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)

2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well

Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yr sample was submitted

Water Well Disinfected? Yes X No

5 TYPE OF BLANK CASING USED:

- 1 Steel  
2 PVC  
3 RMP (SR)  
4 ABS

- 5 Wrought iron  
6 Asbestos-Cement  
7 Fiberglass  
8 Concrete tile  
9 Other (specify below)

- CASING JOINTS: Glued Clamped  
Welded X  
Threaded

Blank casing diameter 14 in. to 40 ft., Dia 8 in. to 0-600 ft., Dia in. to ft.

Casing height above land surface 36 in., weight 8" - 28.55 lbs./ft. Wall thickness or gauge No. 322 wall

TYPE OF SCREEN OR PERFORATION MATERIAL: None Used

- 1 Steel  
2 Brass  
3 Stainless steel  
4 Galvanized steel

- 5 Fiberglass  
6 Concrete tile  
7 PVC  
8 RMP (SR)  
9 ABS

- 10 Asbestos-cement  
11 Other (specify)  
12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: N/A

- 1 Continuous slot  
2 Louvered shutter  
3 Mill slot  
4 Key punched

- 5 Gauzed wrapped  
6 Wire wrapped  
7 Torch cut  
8 Saw cut  
9 Drilled holes  
10 Other (specify)  
11 None (open hole)

SCREEN-PERFORATED INTERVALS: From N/A ft. to ft., From ft. to ft.

N/A From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From ft. to ft., From ft. to ft.

N/A From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other

Grout Intervals: From 0 ft. to 600 ft., From ft. to ft.

What is the nearest source of possible contamination:

- 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well  
2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well  
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)  
Spring River

Direction from well?

East

How many feet? 400' +

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	30	Dirt and Clay	880	885	Sandstone with lime
30	85	Grey lime w/chert	885	930	Grey limestone
85	90	Lime and shale	930	945	Grey lime w/sand
90	130	Grey lime w/chert	945	1158	Grey lime
130	135	Grey lime w/black	1158	1204	Broken lime
135	160	Grey lime			
160	165	Broken lime			
165	375	Grey lime			
375	380	Broken lime			
380	543	Light Grey lime			
543	610	Grey lime w/chert			
610	755	Grey lime			
755	810	Sandstone w/grey lime			
810	863	Grey lime			
863	880	Sandstone			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged-under my jurisdiction and was completed on (mo/day/year) 3-14-90 and this record is true to the best of my knowledge and belief. Kansas

Water Well Contractor's License No. 520 This Water Well Record was completed on (mo/day/yr) 3-28-90

under the business name of Midwest Hydro Drilling &amp; Service, Inc. by (signature) Phil J. Jethers