

WATER WELL RECORD *B4-A*

Form WWC-5

Division of Water Resources App. No.

1 LOCATION OF WATER WELL:	Fraction County: Cherokee NW ¼ SE ¼ NW ¼ ¼	Section Number 20	Township No. T 34 S	Range Number R 25 <input checked="" type="checkbox"/> E <input type="checkbox"/> W
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Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here .
 CCW Impoundment Levee, Riverton Power Station, 7240 SE Hwy 61

Global Positioning System (GPS) information:
 Latitude: .37.0697..... (in decimal degrees)
 Longitude: 94.7022..... (in decimal degrees)
 Elevation: 829.1.....
 Datum: WGS 84, NAD 83, NAD 27
 Collection Method:
 GPS unit (Make/Model:)
 Digital Map/Photo, Topographic Map, Land Survey
 Est. Accuracy: <3 m, 3-5 m, 5-15 m, >15 m

2 WATER WELL OWNER: Empire District Electric Company
 RR#, Street Address, Box #: P.O. Box 127
 City, State, ZIP Code : Joplin, Missouri 64802

3 LOCATE WELL WITH AN "X" IN SECTION BOX:

N

NW	NE	E
SW	SE	S

|-----1 mile-----|

4 DEPTH OF COMPLETED WELL ft.

Depth(s) Groundwater Encountered (1).12..... ft. (2)..... ft. (3)..... ft.
 WELL'S STATIC WATER LEVEL: 13.5..... ft. below land surface measured on mo/day/yr. 3/7/12.....
 Pump test data: Well water was NA..... ft. after..... hours pumping..... gpm
 EST. YIELD: NA..... gpm. Well water was..... ft. after..... hours pumping..... gpm
 Bore Hole Diameter 8..... in. to 40.4..... ft., and in. to ft.
 WELL WATER TO BE USED AS: Public water supply Geothermal Injection well
 Domestic Feedlot Oil field water supply Dewatering Other (Specify below)
 Irrigation Industrial Domestic-lawn & garden Monitoring well Piezometer Only
 Was a chemical/bacteriological sample submitted to Department? Yes No
 If yes, mo/day/yr sample was submitted.....
 Water well disinfected? Yes No

5 TYPE OF CASING USED: Steel PVC Other

CASING JOINTS: Glued Clamped Welded Threaded
 Casing diameter 2..... in. to 40..... ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface. 0..... in., Weight lbs./ft., Wall thickness or gauge No. Sch. 40.....

TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel PVC Other (Specify)
 Brass Galvanized Steel None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
 Continuous slot Mill slot Gauze wrapped Torch cut Drilled holes None (open hole)
 Louvered shutter Key punched Wire wrapped Saw cut Other (specify)

SCREEN-PERFORATED INTERVALS: From 30..... ft. to 40..... ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 3..... ft. to 40..... ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout Intervals: From 0..... ft. to 3..... ft., From ft. to ft., From ft. to ft.

What is the nearest source of possible contamination:
 Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)
 Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well
 Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well
 Direction from well West..... Distance from well 5 ft.....

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	15.5	FILL: Lean Clay and CCW			
15.5	22.5	LEAN CLAY: med. stiff w/gravel			
22.5	28	GRAVEL: v. dense			
28	36	LEAN CLAY: stiff; w/chert			
36	40.4	LIMESTONE			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) 1/30/12..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 754..... This Water Well Record was completed on (mo/day/year) 6/24/13..... under the business name of Palmerton & Parrish, Inc..... by (signature) *[Signature]*

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send one copy to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5524. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>