

WATER WELL RECORD β1-A **Form WWC-5**

Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: Cherokee	Fraction 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
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here <input type="checkbox"/> CCW Impoundment Levee, Riverton Power Station, 7240 SE Hwy 66, Riverton, KS 66770		Global Positioning System (GPS) information: Latitude: .37.0684..... (in decimal degrees) Longitude: 94.7030..... (in decimal degrees) Elevation: 828.3..... Datum: <input type="checkbox"/> WGS 84, <input checked="" type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input checked="" type="checkbox"/> GPS unit (Make/Model:) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input checked="" type="checkbox"/> <3 m, <input type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> >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 <table style="width: 100%; text-align: center; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 5px;">NW</td> <td style="border: 1px solid black; padding: 5px;">NE</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">SW</td> <td style="border: 1px solid black; padding: 5px;">SE</td> </tr> </table> S -----1 mile-----	NW	NE	SW	SE	4 DEPTH OF COMPLETED WELL ft. Depth(s) Groundwater Encountered (1) <u>24</u> ft. (2) ft. (3) ft. WELL'S STATIC WATER LEVEL <u>13.5</u> ft. below land surface measured on mo/day/yr <u>3/7/12</u> Pump test data: Well water was <u>NA</u> ft. after hours pumping gpm EST. YIELD <u>NA</u> gpm. Well water was ft. after hours pumping gpm Bore Hole Diameter <u>8</u> in. to <u>30.9</u> ft., and in. to ft. WELL WATER TO BE USED AS: <input type="checkbox"/> Public water supply <input type="checkbox"/> Geothermal <input type="checkbox"/> Injection well <input type="checkbox"/> Domestic <input type="checkbox"/> Feedlot <input type="checkbox"/> Oil field water supply <input type="checkbox"/> Dewatering <input checked="" type="checkbox"/> Other (Specify below) <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Domestic-lawn & garden <input type="checkbox"/> Monitoring well <u>Piezometer Only</u> Was a chemical/bacteriological sample submitted to Department? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, mo/day/yr sample was submitted Water well disinfected? <input type="checkbox"/> Yes <input type="checkbox"/> No
NW	NE				
SW	SE				

5 TYPE OF CASING USED: Steel PVC Other
CASING JOINTS: Glued Clamped Welded Threaded
 Casing diameter 2 in. to 30 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 20 ft. to 30 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 3 ft. to 30 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 CCW Impoundment
 Direction from well East Distance from well 5 ft.

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	15.5	FILL: Lean Clay: medium stiff			
15.5	23.5	LEAN CLAY: stiff			
23.5	29	GRAVEL: very dense, coarse			
29	30.9	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) 1/27/12 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>