

WATER WELL RECORD

B 2 - A

Form WWC-5

Division of Water Resources App. No.

[Empty box for application number]

1 LOCATION OF WATER WELL: County: Cherokee Fraction NW 1/4 SE 1/4 NW 1/4 Section Number 20 Township No. T 34 S Range Number R 25 [X]E [ ]W

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: .37.0666 Longitude: 94.7030 Elevation: 827.8 Datum: [ ] WGS 84, [X] NAD 83, [ ] NAD 27 Collection Method: [X] GPS unit (Make/Model: ) [ ] Digital Map/Photo, [ ] Topographic Map, [ ] Land Survey Est. Accuracy: [X] <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 W E S [Diagram showing a 4-quadrant section box with 'X' in the NW quadrant]

4 DEPTH OF COMPLETED WELL: Depth(s) Groundwater Encountered (1).15.5 ft. (2) ft. (3) ft. WELL'S STATIC WATER LEVEL .8 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 35.3 ft., and in. to ft. WELL WATER TO BE USED AS: [ ] Public water supply [ ] Geothermal [ ] Injection well [ ] Domestic [ ] Feedlot [ ] Oil field water supply [ ] Dewatering [X] 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 [X] PVC [ ] Other CASING JOINTS: [ ] Glued [ ] Clamped [ ] Welded [X] Threaded Casing diameter 2 in. to 35 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 [X] PVC [ ] Brass [ ] Galvanized Steel [ ] None used (open hole) [ ] Other (Specify) SCREEN OR PERFORATION OPENINGS ARE: [X] 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 25 ft. to 35 ft., From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 3 ft. to 35 ft., From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: [ ] Neat cement [X] 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 [X] 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 North Distance from well 5 ft.

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-15.5 (Lean Clay: medium stiff), 15.5-34.5 (LEAN CLAY: soft to stiff), 34.5-35.3 (LIMESTONE)

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was [X] constructed, [ ] reconstructed, or [ ] plugged under my jurisdiction and was completed on (mo/day/year) 1/26/12 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

RECEIVED SURVEY