

WATER WELL RECORD Form WWC-5

Original Record Correction Change in Well Use

Division of Water Resources App. No.

Well ID

1 LOCATION OF WATER WELL: County: RILEY Fraction: NW 1/4 NW 1/4 NE 1/4 Section Number: 3 Township Number: T 6 S Range Number: R 5 E W

2 WELL OWNER: Last Name: RICHTER First: ARLEN Street or Rural Address where well is located: SOUTH OF BARNES TO RILEY COUNTY LIME 1/2 EAST

3 LOCATE WELL WITH 'X' IN SECTION BOX: [Diagram showing a 36-section grid with 'X' in the NW section]

4 DEPTH OF COMPLETED WELL: 130 ft. Depth(s) Groundwater Encountered: 1) 130 ft. 2) ... 3) ... or 4) Dry Well WELL'S STATIC WATER LEVEL: 96 ft. below land surface, measured on (mo-day-yr) 10/23/14

5 Latitude: 39° 33.755' N Longitude: 96° 51.316' W Datum: WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model): WAAS enabled? Land Survey Topographic Map Online Mapper:

6 Elevation: ... ft. Ground Level TOC Source: Land Survey GPS Topographic Map Other

7 WELL WATER TO BE USED AS: 1. Domestic: Household Lawn & Garden Livestock Irrigation Feedlot Industrial 5. Public Water Supply: well ID 6. Dewatering: how many wells? 7. Aquifer Recharge: well ID 8. Monitoring: well ID 9. Environmental Remediation: well ID Air Sparge Soil Vapor Extraction Recovery Injection 10. Oil Field Water Supply: lease 11. Test Hole: well ID Cased Uncased Geotechnical 12. Geothermal: how many bores? a) Closed Loop Horizontal Vertical b) Open Loop Surface Discharge Inj. of Water 13. Other (specify):

Was a chemical/bacteriological sample submitted to KDHE? Yes No If yes, date sample was submitted: Water well disinfected? Yes No

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded Casing diameter: 5 in. to 11.0 ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface: 18 in. Weight: 2.8 lbs./ft. Wall thickness or gauge No.: 2.5

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

SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot Mill Slot Gauze Wrapped Torch Cut Drilled Holes Other (Specify) Louvered Shutter Key Punched Wire Wrapped Saw Cut None (Open Hole)

SCREEN-PERFORATED INTERVALS: From 11.0 ft. to 130 ft., From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 3.0 ft. to 130 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Grout Intervals: From 4 ft. to 30 ft., From ft. to ft., From ft. to ft.

Nearest source of possible contamination: Septic Tank Lateral Lines Pit Privy Livestock Pens Insecticide Storage Sewer Lines Cess Pool Sewage Lagoon Fuel Storage Abandoned Water Well Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well/Gas Well Other (Specify) Direction from well? WEST Distance from well? 25 ft.

Table with 6 columns: 10 FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include: 0-14 BROWN CLAY, 14-17 TAN SHALE, 17-18 LIMESTONE, 18-22 YELLOW SHALE, 22-45 RED SHALE, 45-87 YELLOW SHALE & LIMESTONE, 57-76 TAN SHALE, 76-78 LIMESTONE, 78-110 RED SHALE.

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 10/23/2014 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 518 This Water Well Record was completed on (mo-day-year) 11/11/2014 under the business name of BLUE VALLEY DRILLING INC.