

well #1

WATER WELL RECORD Form WWC-5

Original Record Correction Change in Well Use

Division of Water Resources App. No.

35067

Well ID

1 LOCATION OF WATER WELL: County: Pratt Fraction 1/4 1/4 NC 1/4 NW 1/4 Section Number 12 Township Number T 26 S Range Number R 11 E W

2 WELL OWNER: Last Name: Schwertfeger First: Ronald Business: Address: PO Box 235 City: Turon State: KS ZIP: 67583 Street or Rural Address where well is located: 2 3/4 North, 3 3/4 East of Preston

3 LOCATE WELL WITH 'X' IN SECTION BOX: N W E S 1 mile

4 DEPTH OF COMPLETED WELL: 112 ft. Depth(s) Groundwater Encountered: 1) 112 ft. 2) ... 3) ... 4) Dry Well WELL'S STATIC WATER LEVEL: 32 ft. below land surface, measured on (mo-day-yr) 1-5-18

5 Latitude: Longitude: Horizontal Datum: WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model: WAAS enabled? Yes No) Land Survey Topographic Map Online Mapper: Elevation: Ground Level TOC Source: Land Survey GPS Topographic Map Other

7 WELL WATER TO BE USED AS: 1. Domestic: Household Lawn & Garden Livestock 2. Irrigation 3. Feedlot 4. 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 16 in. to 112 ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface 18 in. Weight Sch 40 lbs./ft. Wall thickness or gauge No. TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass PVC 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 112 ft. to 52 ft., From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 112 ft. to 20 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Grout Intervals: From ft. to ft., From 20 ft. to 0 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) None Direction from well? Distance from well? ft.

10 FROM TO LITHOLOGIC LOG FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS
0 3 Top soil 56 62 Gray clay
3 6 Brown clay 62 65 Gravel- small w/ broken cemented sand
6 12 Soft sandy clay 65 76 Gravel- fine to small w/ tan gray clay
12 22 Gravel- fine to small w/ tan clay streaks 76 80 Caliche w/ small gravel embedded in clay
22 29 Tan sandy clay- hard 80 96 Gravel- small med clean coarse
29 35 Caliche w/gravel-small med clean coarse 96 112 Gravel- fine to small w/ tan gray clay
35 43 Gravel- fine to small clean
43 46 Tan clay
46 56 Gravel- med to pea size clean coarse

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) 1-27-18 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 134 This Water Well Record was completed on (mo-day-year) 5-14-18 under the business name of Rosencrantz-Bemis Ent Inc Signature Sara Aelf