

1 LOCATION OF WATER WELL: County: Barton		Fraction 1/4 NW 1/4 SW 1/4 NW 1/4	Section Number 8	Township No. T 20 S	Range Number R 15 ☐ E ☒ W																																																																		
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☐ Approximately 4.5 miles north and 1.5 miles west of Pawnee Rock.			Global Positioning System (GPS) information: Latitude: 38.328563 (in decimal degrees) Longitude: -99.013222 (in decimal degrees) Elevation: Unknown Datum: ☐ WGS 84, ☒ NAD 83, ☐ NAD 27 Collection Method: ☒ GPS unit (Make/Model: WAAS) ☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey Est. Accuracy: ☐ <3 m, ☒ 3-5 m, ☐ 5-15 m, ☐ >15 m																																																																				
2 WATER WELL OWNER: Kirk Smith RR#, Street Address, Box #: 551 SW 120 Ave. City, State, ZIP Code : Pawnee Rock, KS 67567																																																																							
3 LOCATE WELL WITH AN "X" IN SECTION BOX: N W NW NE SW SE S 1 mile E	4 DEPTH OF COMPLETED WELL 222 ft. Depth(s) Groundwater Encountered (1) _____ ft. (2) _____ ft. (3) _____ ft. WELL'S STATIC WATER LEVEL 140 ft. below land surface measured on mo/day/yr 05/08/13 Pump test data: Well water was not checked ft. after _____ hours pumping _____ gpm EST. YIELD _____ gpm. Well water was _____ ft. after _____ hours pumping _____ gpm Bore Hole Diameter 8 3/4 in. to 230 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) Stock ☐ Irrigation ☐ Industrial ☐ Domestic-lawn & garden ☐ Monitoring well 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 5 in. to 155 ft., Diameter 5 in. to 190 ft., Diameter _____ in. to _____ ft. Casing height above land surface 24 in., Weight 2.87 lbs./ft., Wall thickness or gauge No. .265 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 155 ft. to 165 ft., From 190 ft. to 220 ft. From _____ ft. to _____ ft., From _____ ft. to _____ ft. GRAVEL PACK INTERVALS: From 24 ft. to 220 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 2 ft. to 24 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 None Known ☐ Watertight sewer lines ☐ Seepage pit ☐ Feedyard ☐ Fertilizer storage ☐ Oil well/gas well Direction from well _____ Distance from well _____																																																																							
<table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>FROM</th><th>TO</th><th>LITHOLOGIC LOG</th><th>FROM</th><th>TO</th><th>LITHO. LOG (cont.) or PLUGGING INTERVALS</th></tr></thead><tbody><tr><td>0</td><td>3</td><td>Topsoil</td><td>107</td><td>117</td><td>Clay, gray</td></tr><tr><td>3</td><td>18</td><td>Clay, brown</td><td>117</td><td>118</td><td>Limestone, gray, hard</td></tr><tr><td>18</td><td>47</td><td>Clay, tan, white, caliche</td><td>118</td><td>130</td><td>Clay, gray, some sandstone streaks</td></tr><tr><td>47</td><td>49</td><td>Drift gravel, fine to coarse</td><td>130</td><td>163</td><td>Clay, gray, red</td></tr><tr><td>49</td><td>56</td><td>Clay, yellow</td><td>163</td><td>166</td><td>Clay, gray, some sandstone streaks</td></tr><tr><td>56</td><td>95</td><td>Clay, gray, red, yellow</td><td>166</td><td>195</td><td>Clay, gray, red, yellow</td></tr><tr><td>95</td><td>99</td><td>Sandstone, gray, clay</td><td>195</td><td>200</td><td>Clay, gray, red, sandstone streaks</td></tr><tr><td>99</td><td>101</td><td>Clay, gray</td><td>200</td><td>210</td><td>Clay, gray, red</td></tr><tr><td>101</td><td>102</td><td>Limestone, gray, hard</td><td>210</td><td>223</td><td>Clay, gray, red, sandstone</td></tr><tr><td>102</td><td>107</td><td>Clay, gray, sandstone streaks</td><td>223</td><td>230</td><td>Clay, gray, red</td></tr></tbody></table>						FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS	0	3	Topsoil	107	117	Clay, gray	3	18	Clay, brown	117	118	Limestone, gray, hard	18	47	Clay, tan, white, caliche	118	130	Clay, gray, some sandstone streaks	47	49	Drift gravel, fine to coarse	130	163	Clay, gray, red	49	56	Clay, yellow	163	166	Clay, gray, some sandstone streaks	56	95	Clay, gray, red, yellow	166	195	Clay, gray, red, yellow	95	99	Sandstone, gray, clay	195	200	Clay, gray, red, sandstone streaks	99	101	Clay, gray	200	210	Clay, gray, red	101	102	Limestone, gray, hard	210	223	Clay, gray, red, sandstone	102	107	Clay, gray, sandstone streaks	223	230	Clay, gray, red
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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) 05/08/13 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 185 This Water Well Record was completed on (mo/day/year) 05/09/13 under the business name of Clarke Well & Equipment, Inc. by (signature) _____																																																																							
INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. 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 .																																																																							