

1 LOCATION OF WATER WELL: County: <u>Gove</u>		Fraction SW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$		Section Number <u>21</u>	Township Number T <u>15</u> S	Range Number R <u>28</u> E/W																																																																																																
Distance and direction from nearest town or city street address of well if located within city? <u>8 1/2 north of Shields</u>																																																																																																						
2 WATER WELL OWNER: <u>Carlos Roberts</u> RR#, St. Address, Box # : <u>Shields, Ks. 67874</u> City, State, ZIP Code : Board of Agriculture, Division of Water Resources Application Number:																																																																																																						
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: <div style="text-align: center;"><p>1 Mile</p></div>		4 DEPTH OF COMPLETED WELL: <u>700</u> ft. ELEVATION: Depth(s) Groundwater Encountered 1. <u>300</u> ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL <u>300</u> ft. below land surface measured on mo/day/yr <u>5-6-85</u> Pump test data: Well water was ft. after hours pumping gpm Est. Yield <u>NA</u> gpm: Well water was ft. after hours pumping gpm Bore Hole Diameter <u>10 3/4</u> in. to <u>700</u> ft., and in. to ft. WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well Was a chemical/bacteriological sample submitted to Department? Yes No <u>X</u> ; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes <u>HTH</u> No																																																																																																				
5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued <u>X</u> Clamped 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded 7 Fiberglass Threaded Blank casing diameter <u>5</u> in. to <u>600</u> ft., Dia. <u>5</u> in. to <u>660</u> ft., Dia. in. to ft. Casing height above land surface <u>18</u> in., weight lbs./ft. Wall thickness or gauge No. <u>200#</u> TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes 7 Torch cut 10 Other (specify) SCREEN-PERFORATED INTERVALS: From <u>600</u> ft. to <u>620</u> ft., From ft. to ft. From <u>640</u> ft. to <u>700</u> ft., From ft. to ft. GRAVEL PACK INTERVALS: From <u>10</u> ft. to <u>700</u> ft., From ft. to ft. From ft. to ft., From ft. to ft.																																																																																																						
6 GROUT MATERIAL: 1 Neat cement 2 <u>Cement grout</u> 3 Bentonite 4 Other Grout Intervals: From <u>6</u> ft. to <u>20</u> ft., From <u>100</u> ft. to <u>105</u> ft., From ft. to ft. What is the nearest source of possible contamination: 1 <u>Septic tank</u> 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below) 13 Insecticide storage Direction from well? <u>east</u> How many feet? <u>130</u>																																																																																																						
<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>LITHOLOGIC LOG</th></tr></thead><tbody><tr><td>0</td><td>3</td><td>Top soil</td><td>620</td><td>625</td><td>White clay</td></tr><tr><td>3</td><td>6</td><td>Clay</td><td>625</td><td>627</td><td>Black coal</td></tr><tr><td>6</td><td>12</td><td>Sand</td><td>627</td><td>665</td><td>Shale</td></tr><tr><td>12</td><td>35</td><td>Gravel to egg rock</td><td>665</td><td>675</td><td>Good sand rock</td></tr><tr><td>35</td><td>180</td><td>Shale</td><td>675</td><td>680</td><td>Shale</td></tr><tr><td>180</td><td>224</td><td>White clay</td><td>680</td><td>700</td><td>White clay, some sand</td></tr><tr><td>224</td><td>230</td><td>Shale</td><td>700</td><td></td><td>Fire clay</td></tr><tr><td>230</td><td>240</td><td>Pyrite</td><td></td><td></td><td></td></tr><tr><td>240</td><td>320</td><td>Shale</td><td></td><td></td><td></td></tr><tr><td>320</td><td>325</td><td>Sand rock</td><td></td><td></td><td></td></tr><tr><td>325</td><td>400</td><td>Shale</td><td></td><td></td><td></td></tr><tr><td>400</td><td>410</td><td>Pyrite</td><td></td><td></td><td></td></tr><tr><td>410</td><td>420</td><td>White clay</td><td></td><td></td><td></td></tr><tr><td>420</td><td>600</td><td>Shale</td><td></td><td></td><td></td></tr><tr><td>600</td><td>620</td><td>Sand rock</td><td></td><td></td><td></td></tr></tbody></table>							FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG	0	3	Top soil	620	625	White clay	3	6	Clay	625	627	Black coal	6	12	Sand	627	665	Shale	12	35	Gravel to egg rock	665	675	Good sand rock	35	180	Shale	675	680	Shale	180	224	White clay	680	700	White clay, some sand	224	230	Shale	700		Fire clay	230	240	Pyrite				240	320	Shale				320	325	Sand rock				325	400	Shale				400	410	Pyrite				410	420	White clay				420	600	Shale				600	620	Sand rock			
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) <u>constructed</u> , (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>5-23-85</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>134</u> This Water Well Record was completed on (mo/day/yr) <u>6-20-85</u> under the business name of <u>Rosencrantz-Bemis Ent.</u> by (signature) <u>Joia Alifs</u> INSTRUCTIONS: Use typewriter or ball point pen, <u>PLEASE PRESS FIRMLY</u> and <u>PRINT</u> clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.																																																																																																						