

<b>1 LOCATION OF WATER WELL:</b>		<b>Fraction</b>		<b>Section Number</b>	<b>Township Number</b>	<b>Range Number</b>																																																																																																						
County: <u>Gray</u>		SW 1/4 NW 1/4 NW 1/4		3	T 27 S	R 28 EW																																																																																																						
Distance and direction from nearest town or city street address of well if located within city? <u>From Cimarron, Ks. - 4 miles South and 2 miles West</u>																																																																																																												
<b>2 WATER WELL OWNER:</b> <u>Renick Bros.</u>																																																																																																												
RR#, St. Address, Box # :				Board of Agriculture, Division of Water Resources																																																																																																								
City, State, ZIP Code : <u>Ingalls, Kansas 67853</u>				Application Number:																																																																																																								
<b>3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:</b>		<b>4 DEPTH OF COMPLETED WELL</b> <u>232</u> <b>ft. ELEVATION:</b>																																																																																																										
<div style="text-align: center;"><p>1 Mile</p></div>		Depth(s) Groundwater Encountered 1. .... ft. 2. .... ft. 3. .... ft.																																																																																																										
		WELL'S STATIC WATER LEVEL <u>96</u> .... ft. below land surface measured on mo/day/yr <u>October 16, 1986</u>																																																																																																										
		Pump test data: Well water was .... ft. after .... hours pumping .... gpm																																																																																																										
		Est. Yield <u>65</u> gpm: Well water was .... ft. after .... hours pumping .... gpm																																																																																																										
		Bore Hole Diameter <u>8</u> in. to <u>232</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>XXX</u> ; If yes, mo/day/yr sample was submitted																																																																																																												
Water Well Disinfected? Yes <u>XXX</u> No																																																																																																												
<b>5 TYPE OF BLANK CASING USED:</b>																																																																																																												
1 Steel <u>3 RMP (SR)</u>		5 Wrought iron		8 Concrete tile		CASING JOINTS: Glued <u>XX</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>232</u> ft., Dia. .... in. to .... ft., Dia. .... in. to .... ft.																																																																																																												
Casing height above land surface <u>12</u> in., weight <u>200</u> psi lbs./ft. Wall thickness or gauge No. <u>SDR 21</u>																																																																																																												
<b>TYPE OF SCREEN OR PERFORATION MATERIAL:</b>																																																																																																												
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) ....		7 PVC 10 Asbestos-cement																																																																																																										
2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)																																																																																																												
<b>SCREEN OR PERFORATION OPENINGS ARE:</b>																																																																																																												
1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)		6 Wire wrapped 9 Drilled holes																																																																																																										
2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) ....																																																																																																												
<b>SCREEN-PERFORATED INTERVALS:</b> From <u>208</u> ft. to <u>228</u> ft., From .... ft. to .... ft.																																																																																																												
From .... ft. to .... ft., From .... ft. to .... ft.																																																																																																												
<b>GRAVEL PACK INTERVALS:</b> From <u>18</u> ft. to <u>232</u> ft., From .... ft. to .... ft.																																																																																																												
From .... ft. to .... ft., From .... ft. to .... ft.																																																																																																												
<b>6 GROUT MATERIAL:</b> 1 Neat cement 2 Cement grout 3 Bentonite 4 Other																																																																																																												
Grout Intervals: From <u>5</u> ft. to <u>18</u> ft., From .... ft. to .... ft., From .... ft. to .... ft.																																																																																																												
What is the nearest source of possible contamination: none																																																																																																												
1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well		11 Fuel storage 15 Oil well/Gas well																																																																																																										
2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)																																																																																																												
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage																																																																																																												
Direction from well? How many feet?																																																																																																												
<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>15</td><td>Top soil &amp; clay</td><td></td><td></td><td></td></tr><tr><td>15</td><td>45</td><td>Clay</td><td></td><td></td><td></td></tr><tr><td>45</td><td>60</td><td>Clay &amp; fine sand</td><td></td><td></td><td></td></tr><tr><td>60</td><td>90</td><td>Medium to coarse sand (dry)</td><td></td><td></td><td></td></tr><tr><td>90</td><td>105</td><td>Medium to coarse sand &amp; clay (8 ft.)</td><td></td><td></td><td></td></tr><tr><td>105</td><td>120</td><td>Clay &amp; fine sand in layers</td><td></td><td></td><td></td></tr><tr><td>120</td><td>135</td><td>Fine sand</td><td></td><td></td><td></td></tr><tr><td>135</td><td>165</td><td>Clay</td><td></td><td></td><td></td></tr><tr><td>165</td><td>180</td><td>Clay (5 ft.) &amp; fine to medium with some coarse sand</td><td></td><td></td><td></td></tr><tr><td>180</td><td>195</td><td>Medium to coarse sand (very loose)</td><td></td><td></td><td></td></tr><tr><td>195</td><td>225</td><td>Medium to coarse sand (very loose) &amp; clay</td><td></td><td></td><td></td></tr><tr><td>225</td><td>230</td><td>Clay &amp; rock layers</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>							FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG	0	15	Top soil & clay				15	45	Clay				45	60	Clay & fine sand				60	90	Medium to coarse sand (dry)				90	105	Medium to coarse sand & clay (8 ft.)				105	120	Clay & fine sand in layers				120	135	Fine sand				135	165	Clay				165	180	Clay (5 ft.) & fine to medium with some coarse sand				180	195	Medium to coarse sand (very loose)				195	225	Medium to coarse sand (very loose) & clay				225	230	Clay & rock layers																											
FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG																																																																																																							
0	15	Top soil & clay																																																																																																										
15	45	Clay																																																																																																										
45	60	Clay & fine sand																																																																																																										
60	90	Medium to coarse sand (dry)																																																																																																										
90	105	Medium to coarse sand & clay (8 ft.)																																																																																																										
105	120	Clay & fine sand in layers																																																																																																										
120	135	Fine sand																																																																																																										
135	165	Clay																																																																																																										
165	180	Clay (5 ft.) & fine to medium with some coarse sand																																																																																																										
180	195	Medium to coarse sand (very loose)																																																																																																										
195	225	Medium to coarse sand (very loose) & clay																																																																																																										
225	230	Clay & rock layers																																																																																																										
<b>7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:</b> This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>October 17, 1986</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>179</u> This Water Well Record was completed on (mo/day/yr) <u>Nov. 25, 1986</u> under the business name of <u>Joe's Well Service, Inc. Cimarron, Ks.</u> by (signature) <u>Larry Crick</u>																																																																																																												
INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Office of Oil Field and Environmental Geology, Regulation and Permitting Section, Topeka, Kansas 66620-7500, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.																																																																																																												