

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number																																																																																																	
County: <u>Pratt</u>		$\frac{1}{4}$ C $\frac{1}{4}$ SE $\frac{1}{4}$		13		T 28 S		R 12 EW																																																																																																	
Distance and direction from nearest town or city street address of well if located within city? <u>2 3/4 south, 1 1/4 west of Cairo, Ks.</u>																																																																																																									
2 WATER WELL OWNER: <u>Vernon Hirt</u>																																																																																																									
RR#, St. Address, Box # : <u>12640 NW Turkey Ln. Dr.</u>						Board of Agriculture, Division of Water Resources																																																																																																			
City, State, ZIP Code : <u>Sawyer, Ks. 67134</u>						Application Number:																																																																																																			
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:			4 DEPTH OF COMPLETED WELL <u>223</u> ft. ELEVATION:																																																																																																						
			Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.																																																																																																						
			WELL'S STATIC WATER LEVEL <u>79' 10"</u> ft. below land surface measured on mo/day/yr <u>4-29-97</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>7</u> in. to <u>223</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 Monitoring well test hole																																																																																																						
Was a chemical/bacteriological sample submitted to Department? Yes.....No.....X..... If yes, mo/day/yr sample was submitted																																																																																																									
Water Well Disinfected? Yes No X																																																																																																									
5 TYPE OF BLANK CASING USED:																																																																																																									
1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded 7 Fiberglass Threaded																																																																																																									
Blank casing diameter 3 in. to 207 ft., Dia 3 in. to 215 ft., Dia in. to ft.																																																																																																									
Casing height above land surface 2' in., weight Sch 80 lbs./ft. Wall thickness or gauge No.																																																																																																									
TYPE OF SCREEN OR PERFORATION MATERIAL:																																																																																																									
1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 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>212</u> ft. to <u>207</u> ft. From ft. to ft.																																																																																																									
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GRAVEL PACK INTERVALS: From <u>223</u> ft. to <u>200</u> ft. From ft. to ft.																																																																																																									
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6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other hole plug <u>200 to 197, 30' to 0</u>																																																																																																									
Grout Intervals: From <u>xxx 197</u> ft. to <u>xxx 30</u> ft. From ft. to ft. From ft. to ft.																																																																																																									
What is the nearest source of possible contamination:																																																																																																									
1 Septic tank 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 none																																																																																																									
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>PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>2</td> <td>Top soil</td> <td>147</td> <td>184</td> <td>Sand and gravel medium loose clean, small</td> </tr> <tr> <td>2</td> <td>36</td> <td>Brown, white, gray clay & rock</td> <td>184</td> <td>202</td> <td>Yellow brown gray clay</td> </tr> <tr> <td>36</td> <td>55</td> <td>Sandy clay orange colored</td> <td>202</td> <td>205</td> <td>Sandy brown clay</td> </tr> <tr> <td>55</td> <td>57</td> <td>Sand and gravel</td> <td>205</td> <td>212</td> <td>Sand and gravel loose medium</td> </tr> <tr> <td>57</td> <td>74</td> <td>Dark brown & gray clay</td> <td>212</td> <td>223</td> <td>Sandy blue brown, red clay and sand streaks</td> </tr> <tr> <td>74</td> <td>77</td> <td>Sand & clay mixed</td> <td>223</td> <td></td> <td>Red bed</td> </tr> <tr> <td>77</td> <td>86</td> <td>Sand and gravel medium loose</td> <td></td> <td></td> <td></td> </tr> <tr> <td>86</td> <td>92</td> <td>Brown & white clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>92</td> <td>96</td> <td>Sand and gravel</td> <td></td> <td></td> <td></td> </tr> <tr> <td>96</td> <td>103</td> <td>Sandy clay & fine sand mixed</td> <td></td> <td></td> <td></td> </tr> <tr> <td>103</td> <td>123</td> <td>Sand & gravel loose & medium</td> <td></td> <td></td> <td></td> </tr> <tr> <td>123</td> <td>135</td> <td>Clay & sand mixed</td> <td></td> <td></td> <td></td> </tr> <tr> <td>135</td> <td>137</td> <td>Brown clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>137</td> <td>145</td> <td>Sand and gravel medium</td> <td></td> <td></td> <td></td> </tr> <tr> <td>145</td> <td>147</td> <td>Brown clay</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	2	Top soil	147	184	Sand and gravel medium loose clean, small	2	36	Brown, white, gray clay & rock	184	202	Yellow brown gray clay	36	55	Sandy clay orange colored	202	205	Sandy brown clay	55	57	Sand and gravel	205	212	Sand and gravel loose medium	57	74	Dark brown & gray clay	212	223	Sandy blue brown, red clay and sand streaks	74	77	Sand & clay mixed	223		Red bed	77	86	Sand and gravel medium loose				86	92	Brown & white clay				92	96	Sand and gravel				96	103	Sandy clay & fine sand mixed				103	123	Sand & gravel loose & medium				123	135	Clay & sand mixed				135	137	Brown clay				137	145	Sand and gravel medium				145	147	Brown clay			
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>4-29-97</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>4-30-97</u> under the business name of <u>Rosencrantz-Bemis</u> by (signature) <u>Judith Dodson</u>																																																																																																									