

1 LOCATION OF WATER WELL: County: Reno		Fraction NW 1/4 NW 1/4 NW 1/4		Section Number 16		Township Number T 23 S		Range Number R 5 E																																																									
Distance and direction from nearest town or city street address of well if located within city? 672' South & 185 East of 4th & Halstead intersection Cargill Grain Division Hutchinson, KS 67501						309 N Halstead																																																											
2 WATER WELL OWNER: City of Hutchinson RR#, St. Address, Box #: P.O. Box 1567 City, State, ZIP Code: Hutchinson, KS 67504 Board of Agriculture, Division of Water Resources Application Number:																																																																	
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: <div><div>1 Mile</div><div><div>W</div><div><div><div>X</div><div>NW</div><div>NE</div><div>SW</div><div>SE</div></div><div>S</div><div>E</div></div></div></div>			4 DEPTH OF COMPLETED WELL: 45 ft. ELEVATION: Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL ft. below land surface measured on mo/day/yr Pump test data: Well water was ft. after hours pumping gpm Est. Yield gpm: Well water was ft. after hours pumping gpm Bore Hole Diameter 8 in. to 45 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 Air Sparging Well 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 Clamped 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded Blank casing diameter 2 in. to 40 ft., Dia in. to ft., Dia in. to ft. Casing height above land surface in., weight lbs./ft. Wall thickness or gauge No. Sch. 40 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 0.010 slot 6 Wire wrapped 8 Saw cut 11 None (open hole) 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) SCREEN-PERFORATED INTERVALS: From 40 ft. to 45 ft., From ft. to ft. GRAVEL PACK INTERVALS: From 37.9 ft. to 45 ft., From ft. to ft. From ft. to ft., From ft. to ft.																																																																	
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Neat Cement with 3% bentonite. Grout Intervals: From 5 ft. to 33.7 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 Direction from well? How many feet?																																																																	
<table border="1"><thead><tr><th colspan="2">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>3</td><td></td><td>Brown clayey SILT (Top soil)</td><td>33.7</td><td>37.9</td><td>Coated bentonite pellets (1/4")</td></tr><tr><td>3</td><td>10</td><td></td><td>Brown clayey SILT</td><td></td><td></td><td></td></tr><tr><td>10</td><td>12</td><td></td><td>Sand tan fine to medium</td><td>5</td><td>33.7</td><td>Neat Cement with 3% bentonite</td></tr><tr><td>12</td><td>13</td><td></td><td>Gray CLAY</td><td></td><td></td><td></td></tr><tr><td>13</td><td>15</td><td></td><td>Black CLAY with organics</td><td></td><td></td><td>Grout got past the seal & into the well, it was at 34.8 so there for the well had to be plugged. Grout left over from BGN AS-1B was used to bring grout level up to 3.5 feet below land surface.</td></tr><tr><td>15</td><td>17</td><td></td><td>Gray CLAY</td><td></td><td></td><td>Topsoil was used from 3.5 to surface after grout had hardened.</td></tr><tr><td>17</td><td>45</td><td></td><td>SAND Tan medium to coarse</td><td></td><td></td><td></td></tr></tbody></table>										FROM		TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	3		Brown clayey SILT (Top soil)	33.7	37.9	Coated bentonite pellets (1/4")	3	10		Brown clayey SILT				10	12		Sand tan fine to medium	5	33.7	Neat Cement with 3% bentonite	12	13		Gray CLAY				13	15		Black CLAY with organics			Grout got past the seal & into the well, it was at 34.8 so there for the well had to be plugged. Grout left over from BGN AS-1B was used to bring grout level up to 3.5 feet below land surface.	15	17		Gray CLAY			Topsoil was used from 3.5 to surface after grout had hardened.	17	45		SAND Tan medium to coarse			
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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) and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 655. This Water Well Record was completed on (mo/day/yr) 10/7/05 under the business name of Philip Environmental Services Corporation by (signature)																																																																	
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, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.																																																																	