

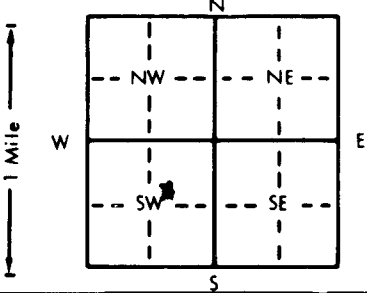
WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: Cloud Fraction: NE 1/4 SW 1/4 Section Number: 1 Township Number: T 7 S Range Number: R d EW

Distance and direction from nearest town or city street address of well if located within city?  
1 mile North - 1 mile West of Aurora KS

2 WATER WELL OWNER: Frank Brunell  
 RR#, St. Address, Box #: RR Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: Aurora KS 67417 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL: 220 ft. ELEVATION:  
 Depth(s) Groundwater Encountered 1. 37 ft. 2. ft. 3. ft.  
 WELL'S STATIC WATER LEVEL 37 ft. below land surface measured on 10/5/00  
 Pump test data: Well water was 86 ft. after hours pumping 1060 gpm  
 Est. Yield 800 gpm: Well water was 71 ft. after hours pumping 450 gpm  
 Bore Hole Diameter: 30" in. to 220 ft., and in. to ft.  
 WELL WATER TO BE USED AS:  
 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Lawn and garden only 8 Air conditioning 9 Dewatering 10 Monitoring well 11 Injection well 12 Other (Specify below)  
 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 2 PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below) CASING JOINTS: Glued Clamped Welded Threaded  
 Blank casing diameter 16 in. to 100 ft., Dia. in. to ft., Dia. in. to ft.  
 Casing height above land surface 12 in., weight lbs./ft. Wall thickness or gauge No. 5/8

TYPE OF SCREEN OR PERFORATION MATERIAL:  
 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:  
 1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) .051 Double slot 11 None (open hole)

SCREEN-PERFORATED INTERVALS: From 100 ft. to 220 ft. From ft. to ft. From ft. to ft.  
 GRAVEL PACK INTERVALS: From 20 ft. to 220 ft. From ft. to ft. From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other  
 Grout Intervals: From 2 ft. to 18 ft., From ft. to ft. From ft. to ft.  
 What is the nearest source of possible contamination:  
 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)  
 Direction from well? West How many feet? 1500'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
		<u>see attached sheet</u>			

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) 10/5/00 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 480 This Water Well Record was completed on (mo/day/yr) 11/3/00 under the business name of Williams Drilling Co Inc by (signature) Ron Williams

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.

# **Williams Drilling Co., Inc.**

**P. O. Box 327 Highway 81  
Belvidere, Nebraska 68315**

**Phone 800-477-3745**

**Fax 402-768-6099**

**October 27, 2000**

**Frank Brunell – Owner**

**Dick Bohling – Renter**

**Aurora, Kansas**

**Test Log for Well Drilled: 220 ft –100 ft. .051 Double slot screen – 120 ft plain casing SDR 26 PVC**

<b>0-5</b>	<b>Top Soil</b>
<b>5-13</b>	<b>Tan Clay</b>
<b>13-36</b>	<b>Light Brown Clay</b>
<b>36-41</b>	<b>Tan and Light Brown Clay</b>
<b>41-45</b>	<b>Tan Clay</b>
<b>46-51</b>	<b>Rock layers &amp; Some Sand Rock layers (Hard)</b>
<b>51-56</b>	<b>Red &amp; Brown Fire Clay</b>
<b>56-68</b>	<b>Red &amp; White Fire Clay</b>
<b>68-78</b>	<b>Red, Brown, Purple Fire Clay</b>
<b>78-96</b>	<b>Dark Grey Clay layers-Limestone layers-Pyrite layers-Sand Rock layers (Hard)</b>
<b>96-106</b>	<b>Sandstone layers-pyrite layers-Limestone layers (Hard)</b>
<b>106-116</b>	<b>Dark Grey Clay Granite layers (Hard)</b>
<b>116-120</b>	<b>Mixed Clay layers – Fire Clay – Red, Brown and White</b>
<b>120-145</b>	<b>Sandstone layers-Sand Rock layers-Grey Clay layers</b>
<b>145-155</b>	<b>Sandstone layers-Sand Rock layers-Mixed Clay layers</b>
<b>155-161</b>	<b>Sandstone layers</b>
<b>161-164</b>	<b>Dark Grey Clay layers</b>
<b>165-175</b>	<b>Sand Rock layers and Sandstone layers</b>
<b>175-193</b>	<b>Sand Rock Red and Pyrite layers</b>
<b>193-195</b>	<b>Pyrite layers – Rocks</b>
<b>195-202</b>	<b>Pyrite layers-Coarse</b>
<b>202-205</b>	<b>Medium Gravel</b>
<b>205-209</b>	<b>Coarse Sand</b>
<b>209-220</b>	<b>Coarse Sand-Pyrite layers</b>
<b>220-221</b>	<b>Blue Clay</b>