

1 LOCATION OF WATER WELL: County: Ottawa	Fraction: Near 1/4 Center 1/4 SW 1/4	Section Number: 16	Township Number: T 10 S	Range Number: R 4 <input checked="" type="checkbox"/> W
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Distance and direction from nearest town or city street address of well if located within city?
4 miles North & 3-3/4 miles West of Minneapolis, Ks.

2 WATER WELL OWNER: **Doug Heimer**
 RR#, St. Address, Box #: **1420 E. Hedberg, Rd.**
 City, State, ZIP Code: **Assaria, Ks. 67416**
 Board of Agriculture, Division of Water Resources
 Application Number: **45,912**

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

N			
--NW--	--NE--		
W			E
--SW--	--SE--		
	S		

4 DEPTH OF COMPLETED WELL: **119** ft. ELEVATION: _____ ft.
 Depth(s) Groundwater Encountered: 1 _____ ft. 2 _____ ft. 3 _____ ft.
 WELL'S STATIC WATER LEVEL: **14** ft. below land surface measured on mo/day/yr **9/15/04**
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield **600-700** gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 WELL WATER TO BE USED AS:
 Irrigation 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 5 Public water supply 8 Air conditioning 11 Injection well
 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well

Was a chemical/bacteriological sample submitted to Department? Yes _____ No _____; If yes, mo/day/yrs sample was submitted
 Water Well Disinfected? Yes No _____

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____
 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____
 7 Fiberglass Threaded _____
 Blank casing diameter: **1.6** in. to **59** ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface: **12** in., weight **16.15** lbs./ft. Wall thickness or gauge No. **0.500**
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless Steel 5 Fiberglass PVC 10 Asbestos-Cement
 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RMP (SR) 11 Other (Specify) _____
 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 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) _____ ft.

SCREEN-PERFORATED INTERVALS: From **59** ft. to **119** ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From **20** ft. to **119** ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement Cement grout 3 Bentonite 4 Other _____
 Grout Intervals: From **0** ft. to **20** ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 What is the nearest source of possible contamination: **None within 1/4 mile**
 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage 16 Other (specify below) _____
 Direction from well? _____ How many feet? _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Topsoil			
2	10	Clay, gray			
10	23	Clay, tan			
23	34	Sand, fine to med. w/ clay layers			
34	37	Limestone			
37	41	Shale, gray			
41	49	Sandstone, gray			
49	52	Shale, gray, w/small layer of iron pyrite			
52	63	Sandstone, gray, w/ small shale and iron pyrite layer			
63	120	Sandstone, gray			

RECEIVED
 OCT 11 2004
 BUREAU OF WATER

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) **9/15/04** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No **138**. This Water Well Record was completed on (mo/day/yr) **9/29/04** under the business name of **Peterson Irrigation, Inc.** by (signature) *Mike Peterson*