

1 LOCATION OF WATER WELL: County: Dickinson	Fraction near 1/4 center 1/4 SW 1/4	Section Number 10	Township Number T 13 S	Range Number R 3 E/W
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Distance and direction from nearest town or city street address of well if located within city?

2 miles East & 1 mile South of Detroit, KS

2 WATER WELL OWNER: **Loran Luthi**
 RR#, St. Address, Box #: **1349 2700 Ave.**
 City, State, ZIP Code: **Abilene, KS 67460**
 Board of Agriculture, Division of Water Resources
 Application Number: **42,919**

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

4 DEPTH OF COMPLETED WELL: **62** ft. ELEVATION:

Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL **19** ft. below land surface measured on mo/day/yr **2/27/98**

Pump test data: Well water was **26** ft. after **1** hours pumping **1100** gpm

Est. Yield **1500** gpm: Well water was ft. after hours pumping gpm

Bore Hole Diameter **30** in. to **62** 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
<input checked="" type="checkbox"/> Irrigation	4 Industrial	7 Lawn and garden only
		10 Monitoring well

Was a chemical/bacteriological sample submitted to Department? Yes.....No ; If yes, mo/day/yr sample was submitted

Water Well Disinfected? Yes No

5 TYPE OF BLANK CASING USED:

1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)
<input checked="" type="checkbox"/> PVC	4 ABS	7 Fiberglass	

CASING JOINTS: Glued Clamped

Blank casing diameter **16** in. to **32** 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. **500**

TYPE OF SCREEN OR PERFORATION MATERIAL: PVC

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	<input checked="" type="checkbox"/> 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 **32** ft. to **62** ft., From ft. to ft.

GRAVEL PACK INTERVALS: From **20** ft. to **62** 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.

What is the nearest source of possible contamination: **None within 1/4 mile**

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?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	5	Top Soil			
5	8	Silty Brown Clay			
8	35	Medium to Coarse Sand			
35	48	Coarse Sand & Gravel			
48	55	Coarse Sand & Gravel with limestone boulders			
55	62	Coarse Sand & Gravel			
62		Limestone			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) **2/27/98** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **138** This Water Well Record was completed on (mo/day/yr) **3/2/98** under the business name of **Peterson Irrigation, Inc.** by (signature) *Mike Peterson*