

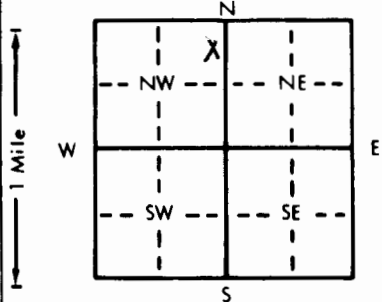
1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: <u>Polk</u> <u>NE</u> $\frac{1}{4}$ <u>NE</u> $\frac{1}{4}$ <u>NW</u> $\frac{1}{4}$		<u>20</u>	T <u>9</u> S	R <u>8</u> <u>EW</u>

Distance and direction from nearest town or city street address of well if located within city?

5 NE Manhattan

2 WATER WELL OWNER: <u>Vernon Freisen</u>	Board of Agriculture, Division of Water Resources
RR#, St. Address, Box #: <u>1711 Cedar Crest Lot 10</u>	Application Number:
City, State, ZIP Code: <u>Manhattan, KS 66502</u>	

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL: <u>162</u> ft. ELEVATION:
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Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL <u>115</u> ft. below land surface measured on mo/day/yr <u>5-30-89</u>
Pump test data: Well water was ft. after hours pumping gpm
Est. Yield <u>8</u> gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter <u>8</u> in. to <u>16</u> in. and in. to ft.
WELL WATER TO BE USED AS:
5 Public water supply 8 Air conditioning 11 Injection well
1 Domestic <u>X</u> 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
Was a chemical/bacteriological sample submitted to Department? Yes No <u>X</u> If yes, mo/day/yr sample was submitted
Water Well Disinfected? Yes <u>X</u> No

5 TYPE OF BLANK CASING USED:	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued <u>X</u> Clamped
1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)
2 PVC <u>X</u>	4 ABS	7 Fiberglass	10 Asbestos-cement
Blank casing diameter <u>5</u> in. to <u>120</u> ft., Dia <u>5</u> in. to <u>140</u> ft., Dia			
Casing height above land surface <u>18</u> in., weight <u>200</u> lbs./ft. Wall thickness or gauge No.			

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

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

SCREEN-PERFORATED INTERVALS:	From <u>120</u> ft. to <u>140</u> ft., From	ft. to	ft. to
GRAVEL PACK INTERVALS:	From <u>40</u> ft. to <u>160</u> ft., From	ft. to	ft. to

6 GROUT MATERIAL:	1 Neat cement	2 Cement grout	<u>3</u> Bentonite	4 Other
Grout Intervals:	From <u>0</u> ft. to <u>40</u> ft., From	ft. to	ft. to	ft. to

What is the nearest source of possible contamination:	10 Livestock pens	14 Abandoned water well
<u>1</u> Septic tank	4 Lateral lines	7 Pit privy
2 Sewer lines	5 Cess pool	8 Sewage lagoon
3 Watertight sewer lines	6 Seepage pit	9 Feedyard
Direction from well? <u>SW</u>	How many feet? <u>200</u>	

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	8	yellow shale + limestone	140	162	gray shale
8	14	gray shale			
14	21	yellow shale			
21	32	gray shale			
32	35	Red shale			
35	40	gray shale			
40	46	Red shale			
46	48	gray shale			
48	50	limestone			
50	57	gray shale			
57	60	limestone			
60	98	gray shale			
98	100	red shale			
100	137	gray shale			
137	140	limestone			

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>5-30-89</u> and this record is true to the best of my knowledge and belief. Kansas
Water Well Contractor's License No. <u>234</u> This Water Well Record was completed on (mo/day/yr)
under the business name of <u>Blue Valley Drilling</u> by (signature) <u>Boyd A. Stader</u>