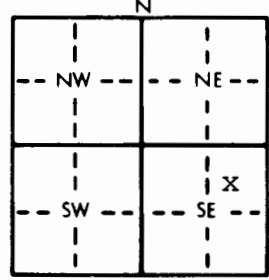


KSA 82a-1212

1 LOCATION OF WATER WELL: County: <u>Ellsworth</u>		Fraction <u>SE 1/4 NE 1/4 SE 1/4</u>		Section Number <u>31</u>		Township Number <u>17</u> S		Range Number <u>9</u> XX XX	
Distance and direction from nearest town or city street address of well if located within city? <u>2 Mi. E. & 1 Mi. N. from Bushton</u>									
2 WATER WELL OWNER: <u>UPG, Inc.</u>		Obs. Well <u>36 D</u>				Board of Agriculture, Division of Water Resources			
RR#, St. Address, Box # : <u>2223 Dodge St.</u>		Application Number:							
City, State, ZIP Code : <u>Omaha, Nebr. 68102</u>									
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: <u>233</u> ft. ELEVATION: <u>37</u> ft.							
		Depth(s) Groundwater Encountered 1. <u>37</u> ft. 2. <u>59.75</u> ft. 3. <u>3/9/85</u> ft.							
		WELL'S STATIC WATER LEVEL <u>59.75</u> ft. below land surface measured on mo/day/yr <u>3/9/85</u>							
		Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm							
		Est. Yield <u>200</u> gpm: Well water was _____ ft. after _____ hours pumping _____ gpm							
Bore Hole Diameter <u>11</u> in. to <u>256</u> 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 Observation 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 _____ No _____									
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 _____									
7 Fiberglass _____ Threaded _____									
Blank casing diameter <u>6</u> in. to <u>153</u> ft. Dia. <u>6</u> in. to <u>223'-233'</u> ft. Dia. _____ in. to _____ ft.									
Casing height above land surface <u>3</u> in., weight <u>Sch. 40</u> lbs./ft. Wall thickness or gauge No. _____									
TYPE OF SCREEN OR PERFORATION MATERIAL:									
1 Steel 3 Stainless steel 5 Fiberglass 7 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 3 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 <u>153</u> ft. to <u>223</u> ft. From _____ ft. to _____ ft.									
From _____ ft. to _____ ft. From _____ ft. to _____ ft.									
GRAVEL PACK INTERVALS: From <u>149</u> ft. to <u>256</u> ft. From _____ ft. to _____ ft.									
From _____ ft. to _____ ft. From _____ ft. to _____ ft.									
6 GROUT MATERIAL: <u>1 Neat cement</u> 2 Cement grout 3 Bentonite 4 Other _____									
Grout Intervals: From <u>0</u> ft. to <u>146</u> 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) <u>Brine disposal well</u>									
13 Insecticide storage									
Direction from well? _____ How many feet? <u>approx. 60' N.</u>									
FROM TO LITHOLOGIC LOG FROM TO LITHOLOGIC LOG									
SEE COPY OF LOG ATTACHED									
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>3/9/85</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>102</u> This Water Well Record was completed on (mo/day/yr) <u>4/26/85</u> under the business name of <u>Layne-Western Co., Inc.</u> by (signature) <u>Robert L. Vincent</u>									
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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.									

LOG OF WELL

Ft.	In.	to	Ft.	In.	Formation
0		2			Brown clay
2		5			Lt. brown clay
5		10			Dark brown clay
10		15			Lt. brown clay
15		20			Lt. brown and gray clay
20		25			Gray clay
25		35			Gray clay with yellow streaks
35		37			Gray and yellow clay
37		40			Yellow to white sandstone
40		50			White sandstone
50		55			White sandstone w/red clay layers
55		60			Red clay w/white sandstone mix
60		64			White sandstone w/red clay
64		65			White and yellow sandstone
65		70			White and red clay
70		75			Tan and gray clay
75		80			Gray and red clay
80		85			Gray with red clay streaks
85		90			Gray clay
90		100			Dk. gray clay with shale layers
100		105			Brown clay with white clay lenses
105		117			Brown and gray shale
117		121			Brown and gray shale with shale layers
121		123			Gray shale with sand layers
123		124			Dk. gray shale
124		125			Dk. gray shale w/light sandstone layers

LOG OF WELL - Continued - Well No. 36 D

Ft.	In.	to	Ft.	In.	Formation
125		130			Dk. gray shale w/lt. brown sandstone lenses
130		132			Dk. gray shale w/lt. brown sandstone lenses
132		137			Brown sandstone w/dk. gray shale lenses
137		142			Brown sandstone w/dk. gray shale layers
142		145			Brown sandstone w/gray shale layers
145		155			Brown to gray sandstone
155		160			Brown to gray sandstone w/small shale lenses
160		175			Brown to gray sandstone
175		185			Brown to gray sandstone w/small shale lenses
185		190			Brown to gray sandstone
190		195			Brown to light gray sandstone
195		200			Lt. brown sandstone
200		205			Brown to lt. gray sandstone
205		210			Brown to gray sandstone w/thick shale layers
210		225			Gray shale and sandstone
225		230			Lt. brown sandstone w/shale layers
230		237			Lt. brown sandstone
237		245			Blue shale with limestone streaks & brn sandstone
245		250			Blue shale and sandstone
250		255			Blue shale and sandstone