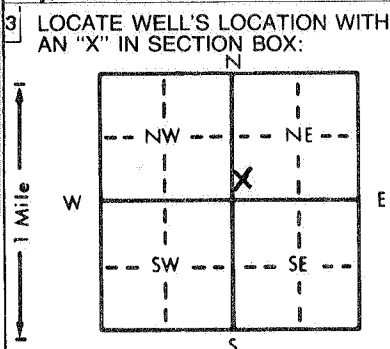


1 LOCATION OF WATER WELL: Fraction SW 1/4 SW 1/4 NE 1/4 Section Number 22 Township Number T 19 S Range Number R 11 E/W
 County: LYDN

Distance and direction from nearest town or city street address of well if located within city?
S - HWY 99 + SODENS RD

2 WATER WELL OWNER: EMPORIA FRIENDS OF THE ZOO
 RR#, St. Address, Box #: 521 MARKET Board of Agriculture, Division of Water Resource
 City, State, ZIP Code: EMPORIA KS 66801 Application Number:



4 DEPTH OF COMPLETED WELL: 32 ft. ELEVATION: -
 Depth(s) Groundwater Encountered 1. 24 ft. 2. - ft. 3. - ft.
 WELL'S STATIC WATER LEVEL - ft. below land surface measured on mo/day/yr
 Pump test data: Well water was 24 ft. after 1 hours pumping 5 gpm
 Est. Yield 5 gpm: Well water was - ft. after - hours pumping - gpm
 Bore Hole Diameter: 11.75 in. to 3.5 in. and - in. to - in.
 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 Monitoring well ZOO
 Was a chemical/bacteriological sample submitted to Department? Yes - No X; If yes, mo/day/yr sample was submitted -
 Water Well Disinfected? Yes X No -

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped -
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded -
2 PVC 4 ABS 7 Fiberglass Threaded -
 Blank casing diameter 5 in. to 22 ft., Dia. - in. to - ft., Dia. - in. to - ft.
 Casing height above land surface 20 in., weight SCH 40 lbs./ft. Wall thickness or gauge No. -

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

SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 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 22 ft. to 32 ft., From - ft. to - ft.
 From - ft. to - ft., From - ft. to - ft.
 GRAVEL PACK INTERVALS: From 18 ft. to 32 ft., From - ft. to - 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 GL ft. to 18 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)
 13 Insecticide storage

Direction from well? W How many feet? 70

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
<u>GL</u>	<u>2</u>	<u>SOIL - DARK</u>			
<u>2</u>	<u>12</u>	<u>SILTY CLAY TAN</u>			
<u>12</u>	<u>22</u>	<u>SILTY CLAY - SCAT - FINE S.D + GRAVEL</u>			
<u>22</u>	<u>24</u>	<u>SMALL TO COARSE GRAVEL - CLM PACKED</u>			
<u>24</u>	<u>25</u>	<u>LARGE GRAVEL W/ LIME STONE ROCKS</u>			
		<u>CLAY PACKED.</u>			
<u>25</u>	<u>26.5</u>	<u>LIME</u>			
<u>26.5</u>	<u>29</u>	<u>SHALE - LT GRAY - SOFT</u>			
<u>29</u>	<u>32</u>	<u>LIME</u>			
<u>32</u>	<u>35</u>	<u>SHALE DK-BLUE/GREY</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) 07-10-93 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 479 This Water Well Record was completed on (mo/day/yr) 07-24-93 under the business name of EBBETTS DRILLING by (signature) Shogon Ebbett