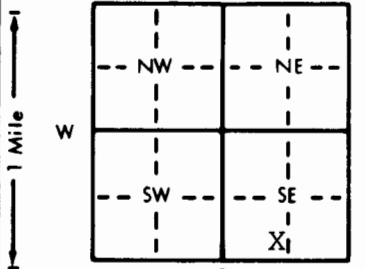


1 LOCATION OF WATER WELL: County: ATCHISON Fraction SW 1/4 SE 1/4 SE 1/4 Section Number 21 Township Number T 5 S Range Number R 18 EW

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

2 WATER WELL OWNER: Dean Harden
 RR#, St. Address, Box # : Box 158 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : Everest, KS 66424 Application Number:

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

 4 DEPTH OF COMPLETED WELL... 120 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. 115' ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL78' ft. below land surface measured on mo/day/yr 12-18-91
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield .. 8 gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter... 8 3/4 in. to _____ 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 Monitoring well
 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:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped _____
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____
 7 Fiberglass _____ Threaded _____

Blank casing diameter 5" in. to 0-70 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface..... 24" in., weight 2.82 lbs./ft. Wall thickness or gauge No.258

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 70 ft. to 120 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

GRAVEL PACK INTERVALS: From 24 ft. to 120 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 0 ft. to 24 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? north How many feet? 200'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	11	Clay=Brown			
11	13	Limestone-Yellow			
13	15	Shale-Yellow			
15	18	Limestone-Grey			
18	51	Shale-Grey			
51	52	Limestone-Grey			
52	68	Shale-Grey			
68	69	Limestone-Grey			
69	76	Shale-Grey			
76	115	Sandstone-Grey			
115	120	Shale-Grey			

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) 12-18-91 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 182 This Water Well Record was completed on (mo/day/yr) 1-7-92 under the business name of STRADER DRILLING CO., INC. by (signature) DeLishoren