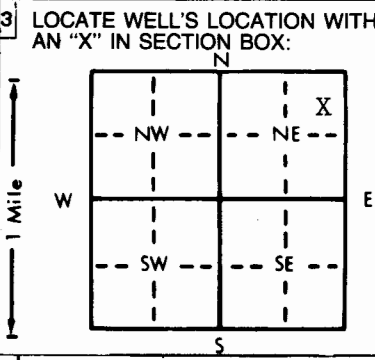


1 LOCATION OF WATER WELL: County: <b>ATCHISON</b>	Fraction <b>NE 1/4 NE 1/4 NE 1/4</b>	Section Number <b>31</b>	Township Number <b>T 5 S</b>	Range Number <b>R 20E EW</b>
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Distance and direction from nearest town or city street address of well if located within city?  
**APPROX. 6' WEST OF ATCHISON, KS**

2 WATER WELL OWNER: **ROCKWELL INTERNATIONAL**  
 RR#, St. Address, Box # : **FOURTH & PARK STREET**  
 City, State, ZIP Code : **ATCHISON, KS 66002**  
 Board of Agriculture, Division of Water Resources  
 Application Number:



4 DEPTH OF COMPLETED WELL... **26.5** ft. ELEVATION: .....  
 Depth(s) Groundwater Encountered 1. **20** ft. 2. .... ft. 3. .... ft.  
 WELL'S STATIC WATER LEVEL... **19.8** ft. below land surface measured on mo/day/yr **2-27-85**  
 Pump test data: Well water was ..... ft. after ..... hours pumping ..... gpm  
 Est. Yield ..... gpm: Well water was ..... ft. after ..... hours pumping ..... gpm  
 Bore Hole Diameter... **7 1/2** in. to **26.5** 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...**X**.....; If yes, mo/day/yr sample was submitted  
 Water Well Disinfected? Yes No **X**

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. .... **X**  
 Blank casing diameter ... **4** in. to **16.5** ft., Dia ..... in. to ..... ft., Dia ..... in. to ..... ft.  
 Casing height above land surface. .... **28** in., weight ..... 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... **16.5** ft. to **26.5** ft., From ..... ft. to ..... ft.  
 From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
 GRAVEL PACK INTERVALS: From... **12** ft. to **26.5** 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 **12** 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 .. **COUNTY LANDFILL** ..  
 Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	5	<b>03</b> SILTY CLAY			
5	10	SANDY CLAY			
10	20	<b>04</b> INTERBEDDED SAND AND CLAY			
20	26	<b>05</b> SAND, FINE TO COARSE			
26	26.5	<b>03</b> SILTY CLAY (TILL)			

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) ... **2-27-85** ... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **438** ... This Water Well Record was completed on (mo/day/yr) ... **13-12-85** ... under the business name of **KANSAS CITY TESTING** by (signature)

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.

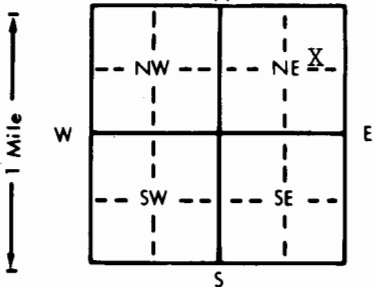
OFFICE USE ONLY  
T  
R  
20  
EW  
SEC  
31  
1/4  
1/4  
1/4  
1/4

1 LOCATION OF WATER WELL: Fraction NE 1/4 NE 1/4 NE 1/4 Section Number 31 Township Number T 5 S Range Number R 20E EW  
 County: ATCHISON

Distance and direction from nearest town or city street address of well if located within city?  
 APPROX. 6 MILES WEST OF ATCHISON, KS

2 WATER WELL OWNER: ROCKWELL INTERNATIONAL  
 RR#, St. Address, Box # : FOURTH & PARK STREET Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code : ATCHISON, KS 66002 Application Number:

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



4 DEPTH OF COMPLETED WELL... 26.5 ft. ELEVATION:  
 Depth(s) Groundwater Encountered 1... 20 ft. 2... ft. 3... ft.  
 WELL'S STATIC WATER LEVEL... 19.8 ft. below land surface measured on mo/day/yr 2-27-85  
 Pump test data: Well water was ... ft. after ... hours pumping ... gpm  
 Est. Yield ... gpm: Well water was ... ft. after ... hours pumping ... gpm  
 Bore Hole Diameter... 7 1/2 in. to ... 26.5 ft., and ... in. to ... ft.  
 WELL WATER TO BE USED AS:  
 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... X...; If yes, mo/day/yr sample was submitted  
 Water Well Disinfected? Yes No X

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... X

Blank casing diameter ... 4 in. to ... 16.5 ft., Dia ... in. to ... ft., Dia ... in. to ... ft.  
 Casing height above land surface... 28 in., weight ... 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) ...  
 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 ... 16.5 ft. to ... 26.5 ft., From ... ft. to ... ft.  
 GRAVEL PACK INTERVALS: From ... 12 ft. to ... 26.5 ft., From ... ft. to ... ft.

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What is the nearest source of possible contamination:  
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well  
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 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)  
 13 Insecticide storage COUNTY LANDFILL

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	5 6 3	SILTY CLAY			
5	10 0 4	SANDY CLAY			
10	20 0 4	INTERBEDDED SAND AND CLAY			
20	26 0 5	SAND, FINE TO COARSE			
26	26.5 0 4	SILTY CLAY (TILL)			

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) ... 2-27-85 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. ... 438 This Water Well Record was completed on (mo/day/yr) ... 3-12-85 under the business name of KANSAS CITY TESTING LABORATORY by (signature)

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.

OFFICE USE ONLY  
20  
31  
NE 1/4 NE 1/4 NE 1/4