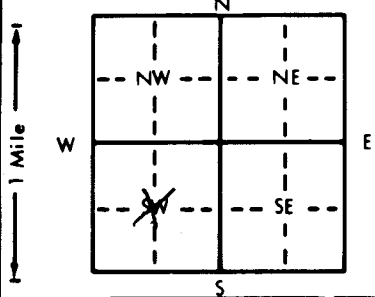


1 LOCATION OF WATER WELL: County: Riley Fraction: $\frac{1}{4}$ NC $\frac{1}{4}$ SW $\frac{1}{4}$ Section Number: 31 Township Number: T 9 S Range Number: R 7 EW

Distance and direction from nearest town or city street address of well if located within city? 3 1/2 From City of Manhattan on Andriev Ave. (WIST) + Then 1/2 mile North

2 WATER WELL OWNER: Mrs. C. J. Otto
 RR#, St. Address, Box #: 421 Edgerton
 City, State, ZIP Code: Manhattan Kansas 66502
 Board of Agriculture, Division of Water Resources
 Application Number:

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



4 DEPTH OF COMPLETED WELL: 140 ft. ELEVATION:

Depth(s) Groundwater Encountered 1. 76 ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL: 70 ft. below land surface measured on mo/day/yr

Pump test data: Well water was ft. after hours pumping gpm

Est. Yield 2 gpm; Well water was ft. after hours pumping gpm

Bore Hole Diameter: 8 in. to 140 ft., and in. to ft.

WELL WATER TO BE USED AS:
 1 Domestic (circled) 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; If yes, mo/day/yr sample was submitted

5 TYPE OF BLANK CASING USED:
 1 Steel (circled) 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued (circled) Clamped
 2 PVC (circled) 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded (circled) Threaded

Blank casing diameter: 5 in. to 120 ft., Dia. in. to ft., Dia. in. to ft.

Casing height above land surface: 2' in., weight 5ch 40 lbs./ft. Wall thickness or gauge No.

TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC (circled) 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify)

SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot (circled) 3/5000 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes 10 Other (specify)

SCREEN-PERFORATED INTERVALS: From 120 ft. to 140 ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 25 ft. to 140 ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite (circled) 4 Other

Grout intervals: From 0 ft. to 2.5 ft., From ft. to ft.

What is the nearest source of possible contamination: None close

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 NONE

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Shale	135	140	Rock
2	5	Rock			
5	10	yellow clay			
10	14	Rock			
14	27	Shale Gray			
27	36	Rock			
36	51	Greenish shale			
51	53	Rock			
53	57	Grey shale			
57	65	Rock			
65	76	Grey shale			
76	92	Rock (WATER)			
92	115	Grey shale			
115	128	Rock			
128	135	Grey shale			

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) 5 24/88 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 451 This Water Well Record was completed on (mo/day/yr) 6 19/88 under the business name of Halderman Well Drilling by (signature) Craig Halderman CWO/PE