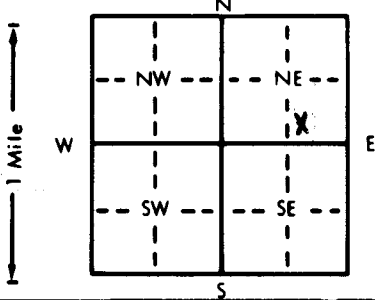


1 LOCATION OF WATER WELL: County: **SHERMAN** Fraction: **SW 1/4 SE 1/4 NE 1/4** Section Number: **31** Township Number: **T 8S S** Range Number: **R 40W E/W**

Distance and direction from nearest town or city street address of well if located within city?
1 1/2 miles south of Caruso

2 WATER WELL OWNER: **John D. Willems**
 RR#, St. Address, Box # : **Rt. 1/Box 51** Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : **Goodland, KS 67735** Application Number:

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



4 DEPTH OF COMPLETED WELL: **297** ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. **185** ft. 2. **185** ft. 3. **185** ft.
 WELL'S STATIC WATER LEVEL: **185** ft. below land surface measured on mo/day/yr **7-26-91**
 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: **8** in. to **297** 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 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 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: **5** in. to **275** ft., Dia **5** in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface: **12** in., weight **200** lbs./ft. Wall thickness or gauge No. **SOR 26**
 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 **275** ft. to **295** ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From **8-12 Silica Sand Returns** ft. to **295** ft., From _____ ft. to _____ ft.
 From **20** 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 **20** 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? **#1 - South / #10 - north** How many feet? **#1 - 120' / #10 - 100'**

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	65	Sand - sandy clay			
65	95	Sand - white clay			
95	115	white - green clay - gravel			
115	205	Sand - clay			
205	280	Sand - sandy clay - gravel			
280	295	Coarse gravel			
295	297	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) **7-26-91** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **484** This Water Well Record was completed on (mo/day/yr) **8-7-91** under the business name of **Schaal Drilling, Co** by (signature) *Richard Schaal*