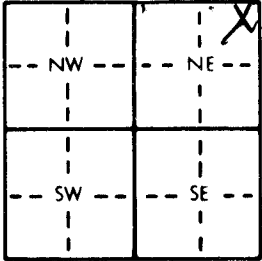


1 LOCATION OF WATER WELL: County: **Sherman** Fraction: **NE 1/4 NE 1/4 NE 1/4** Section Number: **31** Township Number: **T 8 S** Range Number: **R 39** **EW**

Distance and direction from nearest town or city street address of well if located within city?
1 Mile South of Goodland, Ks.

2 WATER WELL OWNER: **Norman House**
 RR#, St. Address, Box #: **Rt. 2** 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: **277** ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: **173** ft. below land surface measured on mo/day/yr
 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 **277** 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 sub-
 mitted 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 **X** Clamped
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded
 Blank casing diameter: **4.5** in. to **237** ft., Dia. in. to ft., Dia. in. to ft.
 Casing height above land surface: **18** in., weight **2.38** lbs./ft. Wall thickness or gauge No. **.248**
 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 **237** ft. to **277** ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From **20** ft. to **277** 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 **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? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Surface	204	207	Sticky Clay
2	20	Loess	207	219	Fine to Med. Sand w/Clay
20	45	Clay w/Caliche Strks.			Strks. & Caliche
45	47	Caliche w/Clay Strks.	219	223	Med. Sand & Gravel w/Clay St.
47	62	Clay, Caliche & Sand	223	223.5	Caliche
62	64	Sandstone, w/Clay Strks.	223.5	238	Med. Sand & Gravel w/a few
64	75	Cemented Sand w/Caliche & Sand Mix			Caliche Strks.
75	80	Med. Sand & Gravel w/Clay Strks	238	240	Sandy Clay & Caliche
80	100	Cemented Sand w/Med. Sand Strks	240	262	Med. Sand & Gravel w/Clay Strk
100	115	Cemented Sand w/Fine Sand Strks	262	265	Caliche w/Sand Strks.
115	127	Sandy Clay w/Caliche Strks.	265	268	Fine to Med. Sand w/Clay Strk
127	160	Sandy Clay w/Calivhe&Sand St.	268	270	
160	187	Med. Sand & Gravel			Cemented Sand
187	195	Sandy Clay & Caliche	270	277-	Med. Sand w/Clay Strks.
195	204	Sandy Clay & Caliche w/some Med. Sand			

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) **11-11-94** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **554** This Water Well Record was completed on (mo/day/yr) **11-14-94** under the business name of **Woofter Pump & Well, Inc.** by (signature) *Jay G. Woofter*