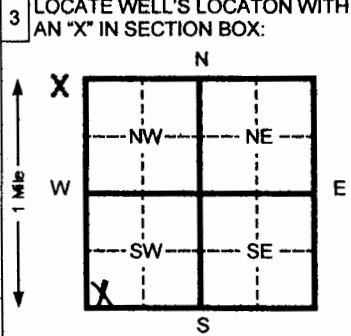


1 LOCATION OF WATER WELL: Fraction **SW 1/4 SW 1/4 SW 1/4** Section Number **19** Township Number **T 9 S** Range Number **R 39 E**
 County: **Sherman**
 Distance and direction from nearest town or city street address of well if located within city?

2 WATER WELL OWNER: **Harlan House**
 RR#, St. Address, Box # : **3691 S Hwy 27** Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : **Goodland, Ks 67735** Application Number: **22907**



4 DEPTH OF COMPLETED WELL **295** ft. ELEVATION:
 Depth(s) Groundwater Encountered 1 _____ ft. 2 _____ ft. 3 _____ ft.
 WELL'S STATIC WATER LEVEL _____ 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 **28** 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 Feed lot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Lawn and garden (domestic) 10 Monitoring well
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No 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 **16** in. to **235** ft. Dia _____ in. to _____ ft. Dia _____ in. to _____ ft.
 Casing height above land surface **24** in., weight **16.15** lbs./ft. Wall thickness or gauge No. **500**
 TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 10 Asbestos-cement
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) _____
 2 Brass 4 Galvanized steel 6 Concrete tile 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 **235** ft. to **295** ft. From _____ ft. to _____ ft.
 From _____ ft. to _____ ft. From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From **20** ft. to **295** 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 **none**
 Direction from well? _____ How many feet? _____

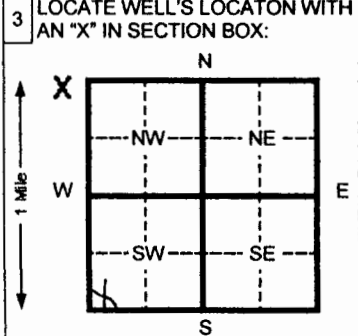
FROM	TO	CODE	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2		Surface	148	155	Clay & sandstone
22	25		Loess	155	168	Fine sd w/sandstone & clay
25	43		Clay	168	183	Fine to med sd
43	47		Clay w/med sand strks	183	189	Fine sand w/sandy clay strk
47	53		Clay	189	205	Fine to some small med sd w/sandy
53	69		Fine to med sd w/clay lens			Clay strks
69	73		Clay	205	217	Fine to med sand
73	92		Fine to med sd & gravel w/clay	217	220	Cemented sd w/a few fine sand strks
			Lens	220	227	Clay w/a few fine sd strks
92	111		Clay & caliche w/med sd	227	240	Fine to med sd & small gravel strks
111	129		Fine to med sd w/clay & caliche	240	245	Fine to some med sd w/sandy clay
			Strks	245	256	Fine to med sd w/some gravel w/clay
129	139		Clay			Lenses
139	148		Fine sand	256	260	Fine to med sd w/clay strks

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/yr) **5-31-06** 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) **6-2-06** under the business name of **Woofter Pump & Well Inc.** by (signature) *[Signature]*

1 LOCATION OF WATER WELL: Fraction SW 1/4 SW 1/4 SW 1/4 Section Number 19 Township Number T 9 S Range Number R 39 EW

County: **Sherman**
 Distance and direction from nearest town or city street address of well if located within city?

2 WATER WELL OWNER: **Harlan House**
 RR#, St. Address, Box # : **3691 S Hwy 27**
 City, State, ZIP Code : **Goodland, Ks 67735**
 Board of Agriculture, Division of Water Resources
 Application Number: 22907



4 DEPTH OF COMPLETED WELL 295 ft. ELEVATION: _____
 Depth(s) Groundwater Encountered 1 _____ ft. 2 _____ ft. 3 _____ ft.
 WELL'S STATIC WATER LEVEL _____ 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 28 in. to _____ ft. and _____ in. to _____ ft.
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 1 Domestic 3 Feed lot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Lawn and garden (domestic) 10 Monitoring well
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No 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 16 in. to 235 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface 24 in., weight 16.15 lbs./ft. Wall thickness or gauge No. .500
 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 235 ft. to 295 ft. From _____ ft. to _____ ft.
 From _____ ft. to _____ ft. From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 295 ft. From _____ ft. to _____ ft.
 From _____ ft. to _____ ft. From _____ ft. to _____ ft.

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 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	CODE	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
260	265		Fine to some med sand w/clay Strks			
265	291		Fine to med sd w/ochre lens			
291	300		Black 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/yr) 5-31-06 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) 6-2-06 under the business name of Woofter Pump & Well Inc. by (signature) [Signature]