

1 LOCATION OF WATER WELL: County: Graham	Fraction SE 1/4 SW 1/4 NE 1/4	Section Number 31	Township Number T 6 S	Range Number R 23 EW
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Distance and direction from nearest town or city street address of well if located within city?

8 Mi. N. 4 Mi. West, 1 Mi. N., 1/2 Miles W., 1/2 Mi. South of Hill City

2 WATER WELL OWNER: **Cecil Elliot c/o Bill Elliot**
Murfin Drilling, Inc.
 RR#, St. Address, Box #: **Box 661** Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: **Hill City, KS 67642** **Colby, KS 67701** Application Number: **970272**

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

4 DEPTH OF COMPLETED WELL: **220** ft. ELEVATION: _____

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

WELL'S STATIC WATER LEVEL: **132** 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 **220** 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
2 Irrigation	4 Industrial	7 Lawn and garden only
		10 Monitoring well

12 Other (Specify below) _____

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 <input checked="" type="checkbox"/> Clamped _____
2 PVC	4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded _____
		7 Fiberglass		Threaded _____

Blank casing diameter: **4.5** in. to **180** 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	8 RMP (SR)	10 Asbestos-cement
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS	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 **180** ft. to **220** ft., From _____ ft. to _____ ft.

GRAVEL PACK INTERVALS: From **20** ft. to **220** ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL:

1 Neat cement	2 Cement grout	3 Bentonite	4 Other _____
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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? **North** How many feet? **150'**

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Surface	110	112	Cemented sand
2	10	Loess	112	119	Clay, caliche & fine sand
10	18	Fine sand w/ clay	119	130	Clay, caliche, & fine sand
18	25	Caliche w/ fine sand & clay	130	139	Clay & sand
25	33	Sandy clay & caliche w/ some sand	139	143	clay & sand
33	39	Cemented sand w/ clay & caliche	143	146	Cemented sand
39	50	Cemented sand & sand stks	146	159	Sand & clay
50	52	Cemented sand & caliche	159	179	Med sand & gravel w/ clay stks
52	59	Fine sand & caliche	179	199	Med sand & gravel w/ clay stks
59	74	Fine sand, caliche & clay stks	199	204	Sand & clay
74	79	Cemented sand, fine sand & caliche	204	216	Sand & joint clay
79	85	Cemented sand & caliche	216	220	Ochre
85	93	Cemented sand & caliche			
93	99	Fine sand clay & cemented sand			
99	110	Clay & fine 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) **7-9-97** 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) **7-10-97** under the business name of **Woofter Pump & Well, Inc.** by (signature) *[Signature]*