

| | | | | |
|-------------------------|-----------------------------|----------------|-----------------|----------------|
| LOCATION OF WATER WELL: | Fraction | Section Number | Township Number | Range Number |
| County: Thomas | NW 1/4 SE 1/4 SE 1/4 | 21 | T 7 S | R 32 EW |

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

Gem, Kansas

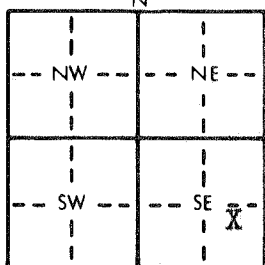
WATER WELL OWNER:

 RR#, St. Address, Box # : **Doug Griggs**
 City, State, ZIP Code : **Gem, Kansas 67734**

Board of Agriculture, Division of Water Resources

Application Number:

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

4 DEPTH OF COMPLETED WELL: **234** ft. ELEVATION:

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

WELL'S STATIC WATER LEVEL **131** ft. below land surface measured on mo/day/yr **10-15-83**

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 **9** in. to **234** 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 9 Dewatering 12 Other (Specify below)

2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well

Was a chemical/bacteriological sample submitted to Department? Yes.....No.. **X**.....; If yes, mo/day/yr sample was submittedWater Well Disinfected? Yes **X** No

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

Blank casing diameter **5** in. to **214** ft., Dia

7 Fiberglass

Threaded

Casing height above land surface **12** in., weight **2.82** lbs./ft. Wall thickness or gauge No. **258**

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)

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 **214** ft. to **234** ft., From ft. to ft.

From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From **15** ft. to **234** ft., From ft. to ft.

From ft. to ft., From ft. to ft.

GROUT MATERIAL:

1 Neat cement

2 Cement grout

3 Bentonite

4 Other

Grout Intervals: From **5** ft. to **15** 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?

SouthHow many feet? **350**

| FROM | TO | LITHOLOGIC LOG | FROM | TO | LITHOLOGIC LOG |
|------|-----|----------------------------|------|-----|----------------|
| 0 | 3 | Surface | 234 | 236 | Clay |
| 3 | 131 | Clay with Sand Streaks | 236 | 240 | Ochre |
| 131 | 135 | Fine Sand & Cemented layer | 240 | 245 | Shale |
| 135 | 137 | Caliche | | | |
| 137 | 143 | Fine Med. Sand | | | |
| 143 | 148 | Clay | | | |
| 148 | 151 | Med. Sand | | | |
| 151 | 153 | Clay | | | |
| 153 | 157 | Caliche | | | |
| 157 | 166 | Clay | | | |
| 166 | 174 | Caliche & Cemented Sand | | | |
| 174 | 187 | Clay & caliche layers | | | |
| 187 | 208 | Med Sand | | | |
| 208 | 212 | Clay | | | |
| 212 | 234 | Med Sand | | | |

 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) **10-15-83** and this record is true to the best of my knowledge and belief. Kansas

 Water Well Contractor's License No. **394A** This Water Well Record was completed on (mo/day/yr) **4-12-84**
under the business name of **Weefer Pump & Well**by (signature) *W. O. Weefer*
 INSTRUCTIONS: Use typewriter or ball point pen, **PLEASE PRESS FIRMLY** and **PRINT** clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.