

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: <u>Thomas</u>	<u>SE</u> $\frac{1}{4}$ <u>SW</u> $\frac{1}{4}$ <u>SW</u> $\frac{1}{4}$	<u>21</u>	<u>T 7</u> <u>S</u>	<u>R 32</u> <u>EW</u>

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

 $\frac{1}{2}$ East $\frac{1}{4}$ North of Gem, KS2 WATER WELL OWNER: D.J. Bugbee

RR#, St. Address, Box # :

Board of Agriculture, Division of Water Resources

City, State, ZIP Code : Gem, KS 67734

Application Number:

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

4 DEPTH OF COMPLETED WELL: 240 ft. ELEVATION:

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

WELL'S STATIC WATER LEVEL 134 ft. below land surface measured on mo/day/yr 10-25-85

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 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

5 TYPE OF BLANK CASING USED:

5 Wrought iron

8 Concrete tile

CASING JOINTS: Glued X Clamped

1 Steel

3 RMP (SR)

6 Asbestos-Cement

9 Other (specify below)

Welded

2 PVC

4 ABS

7 Fiberglass

Threaded

Blank casing diameter 5 in. to 220 ft. Dia. in. to ft. Dia. in. to ft.Casing height above land surface 12 in., weight 2.82 lbs./ft. Wall thickness or gauge No. 265

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 220 ft. to 240 ft., From ft. to ft.

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

GRAVEL PACK INTERVALS: From 10 ft. to 240 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 10 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? NEHow many feet? 100

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	3	Surface	133	167	Fine Sand 223 235 Medium Sand
3	42	Clay	167	169	Caliche 235 238 Ochre
42	46	Fine Sand	169	181	Sandy Clay 238 240 Shale
46	57	Clay	181	183	Caliche
57	71	Caliche	183	189	Sandstone
71	77	Medium Sand	189	193	Caliche
77	78	Caliche	193	194	Clay
78	80	Medium Sand	194	205	Fine Sand
80	84	Caliche & Clay	205	207	Caliche
84	117	Clay & Caliche Layers	207	210	Fine - Medium Sand
117	121	Medium Sand	210	211	Clay
121	127	Clay	211	212	Sand
127	130	Fine - Medium Sand	212	216	Clay
130	131	Caliche	216	220	Fine Sand
131	133	Clay	220	223	Caliche

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) 10/25/85 and this record is true to the best of my knowledge and belief. KansasWater Well Contractor's License No. 394 This Water Well Record was completed on (mo/day/yr) 12/31/85under the business name of Wooler Pumpwell by (signature) Walter Wooler

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, Office of Oil Field and Environmental Geology, Regulation and Permitting Section, Topeka, Kansas 66620-7500, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.