Shawver Well Company, Inc.
2700 Stanley Avenue
Fredericksburg, IA 50630

72770

(563) 237-5341
(800) 568-4449

Location of Well

Off of S. Bluff St. and Herder St.
Guttenberg, IA 52052
T92-93N R2-3W

County **Clayton**
Township **Jefferson**
Section **17**
Quarters **SW**

Customer Information

City of Guttenberg
502 S First St.
Guttenberg, IA 52052

Contact Date **9/24/2010**
Confirmation Date

Contact Information

Home Ph: **563-252-1611**
Work Ph:
Cell Ph:
Fax:

Best time to call:
Email:
Customer since: **9/24/2010**
Referred By: **Engineer**

Job Information

Area **CM**
T92-93N R2-3W
Latitude
Longitude
PWTS # **PWSID#: 2242018**
Permit Number

Confirmation
Start Date **9/8/2010**
End Date **9/21/2010**
Warranty Date
Warranty

Well Site Information

Actual Size **10"**
Depth **475'**
Elevation
SWL **20'**
RPS
Max GPM
Air Lift **250' @ 250 GPM; 475' @ 500 GPM**
Exploratory -- To Ft --
Mock Rock Acidize --
Well Use
Rig **007 - 2007 50K**
Driller **Dave Halweg**; Cert #: **2814**
Driller 2 **Marcus Hageman and Keith Bakkum**

Pump Inst --
Sulfide --
Liner--ft
Screen--
Made Water
Screen Size
Slot Size
Riser Pipe
Set From
Perforated From
Tail Pipe

Remarks:
WELL USE: MUNICIPAL

Well Formation Log

From-To	Color	Formation
0 - 4		Topsoil
4 - 12	Yellow	Sandstone - Soft
12 - 25	Yellow	Sandstone
25 - 114	Brown	Sandstone
114 - 126	Blue - Gray	Shale & Dolomite
126 - 135	Brown	Limestone
135 - 140	Blue - Gray	Limestone - Hard
140 - 141	Cream	Limestone
141 - 171	Gray	Limestone
171 - 187	Gray - Pink	Limestone
187 - 228	Brown	Limestone
228 - 242	Brown	Limestone
242 - 244		Crevice
244 - 252	Brown	Limestone
252 - 253		Crevice
253 - 273	Gray	Limestone
273 - 298	Cream - Lt. Brown	Limestone
298 - 342	Gray - Brown	Limestone
342 - 348	Gray - Brown	Limestone with Green Shale Streaks
348 - 350	Green	Shale - Hard
350 - 364	Brown	Limestone with Streaks of Sandstone
364 - 446		Sandstone
446 - 450	Brown	Limestone & Sandstone
450 - 453	Brown - Gray	Limestone
453 - 469	Cream	Limestone
469 - 473	Red - Pink	Limestone
473 - 475	Gray	Limestone

Bore Log

From-To	Bit Size - Number	
0 - 30	6 1/4"	
0 - 25	12 1/4"	
0 - 17	22"	Hole Opener
17 - 140	15"	Hole Opener
25 - 140	12 1/4"	
137 - 140	14 3/4"	
140 - 475	9 7/8"	

Well Casing Log

From-To	Casing
0 - 140	10.75" OD x .365 A53B Steel Casing
2 - 0	10.75" OD x .365 A53B Steel Casing

Screen Size
Slot Size — Set From
Riser Pipe — Tail Pipe

Well Grout Used

Amount	Type
92 sacks	Neat Cement
7 sacks	Holeplug
11 sacks	High Early
30 sacks	Quick Gel
8 sacks	Casing Seal
4 sacks	Soda Ash
6 sacks	Quick Trol LV
20 sacks	Quick Trol Gold LV

RECEIVED
OCT 05 2010
By_____