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

6 0807

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

Location of Well

10842 Golden Oak Drive - Woodland Estates #3
Dubuque, IA 52003

County **Dubuque**
Township **Table Mound**
Section **07**
Quarters **SENWNWNE**

Customer Information

Mark McKeon
Jaeger Plumbing & Pump for Mark McKeon
14351 North Cascade Road
Dubuque, IA 52003

Contact Date **8/10/2005**
Confirmation Date **8/30/2005**

Contact Information

Home Ph:
Work Ph:
Cell Ph:
Fax: **563-583-5495 - Jaeger**

Best time to call:
Email:
Customer since: **8/10/2005**
Referred By: **Pump**

Job Information

Area **DV**

Latitude **42.4531**
Longitude **-91.7698**
PWTS # **2112750**
Permit Number **20634**

Confirmation **8/30/2005**
Start Date **9/21/2005**
End Date **9/26/2005**

Warranty Date
Warranty

Well Site Information

Actual Size **7"**
Depth **370'**
Elevation **1000'**
SWL **262'**
RPS **320' @ 15 GPM**
Max GPM **40 - 50 GPM**

Pump Inst --
Sulfide --
Liner--ft
Screen--

Made Water **300' - 5 GPM, 322' - 5 GPM, 335' - 10 GPM, 356' - 20 GPM**

Air Lift **370' @ 50 GPM, 310' @ 15 GPM, 290' @ 10 GPM**

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

Exploratory -- To Ft
Mock Rock -- Acidize --
Well Use

Rig **30K-1**
Driller **Rod Miller**; Cert #: **6955**
Driller 2 **Nick Wieser**

Description:
A 12¼" hole was drilled to 20' and 10" temporary casing was installed. A 10" hole was drilled to 286'. The well was then cased with 288' of 7" outside diameter X .317 wall steel casing. Neat Cement/High Early Cement and Casing Seal/Benseal grout was pumped into the annular space. The temporary casing was removed. A 6¼" hole was drilled to 370' and the well was airlifted. The static water level is 262' and the recommended pump setting is 320' at 15 gallons per minute.The water was "field tested" and showed 8.8 PPM nitrate and 1.5 PPM iron. For your drinking safety, the water should be tested by a state certified lab for nitrate and coliform bacteria prior to consuming the water. Contact Dr. Paul Buss, Dubuque County Sanitarian, at (563) 557-7396 and he will do this for you.
Remarks:

Well Formation Log

From-To	Color	Formation
0 - 7	Brown	Clay
7 - 38	Brown - Green	Shale
38 - 55	Gray - Blue	Shale
55 - 157	Blue	Shale
157 - 184	Gray	Shale
184 - 201	Brown	Shale Rock
201 - 240	Dark Brown	Shale Rock
240 - 370	Gray - Tan	Limerock

Bore Log

From-To	Bit Size - Number	
0 - 20	12 1/4" Rod Miller	8888
20 - 286	9 7/8"	410836
286 - 370	6 1/4"	45460

Well Casing Log

From-To	Casing
+ 2 - 0	7" x .317" Steel
0 - 286	7" x .317" Steel

Screen Size
Slot Size
Riser Pipe
Set From
Tail Pipe

Well Grout Used

Amount	Type
90 sacks	Neat Cement
3 sacks	High Early
2 sacks	Casing Seal