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

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

61885

Location of Well

1579 Elon Drive
Waterville, IA 52170

T98N R4W

County **Allamakee**
Township **Center**
Section **33**
Quarters **NWSWNESE**

Customer Information

Bruce & Lynn Anderson
1579 Elon Drive
Waterville, IA 52170

Contact Date **3/2/2006**
Confirmation Date **3/2/2006**

Contact Information

Home Ph: **563-535-7726**
Work Ph:
Cell Ph:
Fax:

Best time to call:
Email:
Customer since: **3/2/2006**
Referred By: **Phone**

Job Information

Area **WK**
T98N R4W
Latitude **43.2596**
Longitude **-91.3137**
PWTS # **2116179**
Permit Number **21841**

Confirmation **3/2/2006**
Start Date **3/2/2006**
End Date **3/6/2006**
Warranty Date **3/15/2006**
Warranty **18240-3/6/2006 MW**

Well Site Information

Actual Size **5 9/16"**
Depth **520'**
Elevation
SWL **308'**
RPS **400' @ 15 gpm**
Max GPM **520' @ 40 gpm**
Air Lift **@ 400' @ 15 gpm, @ 520' @ 40 gpm**
Exploratory -- To Ft
Mock Rock -- Acidize --
Well Use
Rig **30K-2**
Driller **Gary Martin**; Cert #: **3845**
Driller 2 **Chad Kucera & Craig Erickson**

Pump Inst -
Sulfide -
Liner--ft
Screen--
Made Water @ **414' - 520'**
Screen Size
Slot Size
Riser Pipe
Set From
Perforated From
Tail Pipe

Description:
A 12¼" hole was drilled to 20' and 10" temporary casing was installed. A 8 3/4" hole was drilled to 418'. The well was then cased with 421' of 5" outside diameter X .258 wall steel casing. Holeplug was utilized, then Neat cement and Benseal grout was pumped into the annular space. The temporary casing was removed. A 5" hole was drilled to 520' and the well was airlifted.
Remarks:

Well Formation Log

From-To	Color	Formation
0 - 14	Brown - Tan	Clay
14 - 50	Brown	Limerock
50 - 54	Blue	Shale
54 - 114	White	Sandstone-Hard
114 - 210	Brown	Limerock
210 - 295	Brown	Limerock, Broken
295 - 414	Brown - Gray	Limerock
414 - 518	Brown	Sandstone-Hard
518 - 520	Gray	Limerock

Bore Log

From-To	Bit Size - Number	
0 - 20	12 1/4" Gary Martin-Tri Cone Roller	W208697
20 - 418	8 3/4" Gary Martin Micon Bit	210036
418 - 520	5" Gary Martin Hammer Bit	2K0108

Well Casing Log

From-To	Casing
+ 2 - 0	5 9/16" x .258 Steel
0 - 418	5 9/16" x .258 Steel

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

Well Grout Used

Amount	Type
75 sacks	Neat Cement
50 sacks	Mixed
14 sacks	Holeplug