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

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

6 0460

Location of Well

2378 - 180th Street
Elma, IA 50628

County **Howard**
Township **Afton**
Section **05S**
Quarters **NENENWNW**

Customer Information

Alvin Reiff
2378 180th Street
Elma, IA 50628

Contact Date **4/21/2005**
Confirmation Date **5/6/2005**

Contact Information

Home Ph: **641-393-2011**
Work Ph:
Cell Ph:
Fax:

Best time to call:
Email:
Customer since: **4/21/2005**
Referred By: **Previous**

Job Information

Area **WK**
Latitude **43.2548**
Longitude **-92.5304**
PWTS # **2108979**
Permit Number **19476**

Confirmation **5/6/2005**
Start Date **5/17/2005**
End Date **5/19/2005**
Warranty Date **6/8/2005**
Warranty **17447-5/19/2005 MW**

Well Site Information

Actual Size **6.9"**
Depth **156'**
Elevation **1165'**
SWL **6'**
RPS **40' @ 30 GPM**
Max GPM **75 GPM**
Air Lift **40' @ 30 GPM, 80' @ 50 GPM**
Exploratory -- To Ft
Mock Rock -- Acidize --
Well Use
Rig **300**
Driller **Mitch McDonough; 6922**
Driller 2 **Randy Jones**

Pump Inst -- Liner ✔31ft
Sulfide -- Screen--
Made Water **133', 140', 145', 150'**
Screen Size
Slot Size
Riser Pipe
Set From **125' to 156'**
Perforated From **135' to 153'**
Tail Pipe
Cert #:

Description:
A 12¼" hole was drilled to 19' and 10" temporary casing was installed. A 10" hole was drilled to 132'. The well was then cased with 134' of 6.9" PVC casing. Benseal grout was pumped into the annular space. The temporary casing was removed. A 6" hole was drilled to 156'. The well was then airlifted.
Remarks:

Well Formation Log

From-To	Color	Formation
0 - 3	Black	Topsoil
3 - 16	Brown	Sand, Coarse
16 - 97	Blue	Clay
97 - 107		Wood
107 - 130	Blue	Clay
130 - 156	Brown	Limerock, soft with shale streaks

Bore Log

From-To	Bit Size - Number	
0 - 19	12 1/4" Randy Jones	14700
19 - 132	9 7/8"	1292002
132 - 152	6"	2F0107

Well Casing Log

From-To	Casing
+ 2 - 0	6.9" x PVC
0 - 154	6.9" x PVC
125 - 156	5 9/16" x .258 Steel

Screen Size
Slot Size
Riser Pipe
Set From **125` to 156`**
Tail Pipe

Well Grout Used

Amount	Type
9 sacks	Benseal
4 sacks	Casing Seal
4 sacks	Quick Jel