

Sargent Drilling
INDUSTRIAL ENGINEERING
COMPLETE MUNICIPAL AND INDUSTRIAL
WELL AND PUMP SERVICE

67463

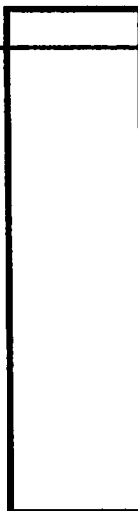
PO Box 367
 846 South 13th St.
 Geneva, NE 68361-0367

Phone: (402) 759-3902
 Toll Free: (888) 496-3902
 Fax: (402) 759-4960

Driller's Log

| | | | |
|---|-------------------------------|--|--|
| Customer: Cherokee RWD, IA | | Legal: | |
| Date Construction Started: 10/14/2003 | | GPS Reading: | |
| Well Depth: 251' | | Bore Hole: 24" | |
| Type of Plain Casing: .375" wall Steel | | Casing Dia.: 12" | |
| From: 0' | To: 176' | | |
| Type of Perf. Casing: Stainless Steel V-Wire | | Casing Dia.: 12" | |
| Slot size: .030" | From: 176' | To: 251' | |
| Sump From: | | Type of Bottom: Stainless steel | |
| Gravel From: | | Grade Size: #0 | |
| Yards of Gravel: 12 | | Bags of Chunks: 3 Super Sacks | |
| Bags of Powder: 24 | | Yards of Concrete: 3 | |
| Stabilizers: 5 | Well Development Time: | | |
| Test Pump Results: | | SWL: | |
| GPM from | | | |
| GPM from | | | |
| GPM from | | | |
| GPM from | | | |

Ground Level



2' - 60' Concrete grout

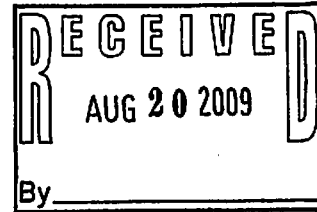
60' - 125' Bentonite seal

125' - 251' Chlorinated gravel

Cherokee Rural Water

67463

1593 580th St. P.O. Box 1022 Cherokee, IA 51012
Ph. 712-225-6193 Fax 712-225-6195 Toll Free 1-877-470-6193
crwstan@ilechsi.com



Iowa Geo & Water Survey
Attn: Paul Van Dorpe
109 Crow Bridge Hall
Iowa City, IA 52242-1319

Date: August 17, 2009

Paul,

Enclose is the driller info you requested for our C-3 well. I see the driller called it Well # 7 by mistake. Let me know if any questions.

After reviewing the modeling info on the Dakota Sandstone, wondering what aquifer is next on your study list, and after doing more modiling, will you revise the Dakota study? Please let me know. Thanks.

Thanks.....

Stan

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PUMP AND WELL INSTALLATION

| | | | | |
|-----------------------------|-------------------------|---------------------|---------------------|--------------------------|
| Customer: | Cherokee RWD, IA | | Address: | |
| Date: | 12/03/03 | | | |
| WELL: | #7 | | | |
| Location: | | | GPS Reading: | |
| Dia.: | 12" | Depth: | 251' | Static Level: 17' |
| Casing Material: | Steel | | | |
| MOTOR OR GEAR DRIVE: | | | | |
| Mfg.: | US | HP: | 40 | |
| Serial No.: | | Frame: | 324TPM | |
| Volts: | | Phase: | 3 | RPM: 1780 |
| Clutch Bore: | 1 1/2" | NRR: | Yes | |
| Bearings #'s: | Upper: | 7220-BEP | | Lower: 6211-J |
| Sub. Dia. | N/A | | Length: N/A | Wire Size: N/A |
| PUMP: | Mfg.: | Crown | Dia.: | 6" |
| | | Column | | |
| Depth of Setting: | 120' | Dia.: | 6" | Shaft: 1 1/2" |
| | Stainlees | Bowl Serial | | |
| Shaft material: | Steel | No.: | MA50386-02 | Dia.: 8" |
| | | No. of | | |
| Type: | 8H-500 | Stages: | 8 | Length: 7' |
| | | Suction | | |
| Impeller: | 7 @ Full & AC 1- B Trim | Dia.: | 6" | Length: 8" |
| Strainer | Basket | Lubrication: | Water | |
| | | Airline | | |
| MISCELLANEOUS: | | Length | 120' | Material: Plastic |
| | | Water | | |
| Does it work: | Yes | meter size: | 6" | Mfg.: Sensus |
| | | Does it | | |
| Material: | Falnged/tube | work: | Yes | Blow off Dia.: 6" |
| Dresser Sleeve Dia.: | None | | | |