



# BJ SERVICES BJ SERVICES Water Analysis Report

Project # 19-09-293

### Customer/Well Information

<b>Company:</b> Cabot	<b>Date:</b> 9/19/2008
<b>Well Name:</b> B-93	<b>Prepared for:</b> Roger Crawford
<b>Location:</b>	<b>Submitted by:</b> Roger Crawford
<b>State:</b> WV	<b>Prepared by:</b> Mike Stone
<b>Formation:</b>	<b>Water Type:</b>
<b>Depth:</b> -	

### Background Information

**Reason for Testing:** Customer Request

**Completion type:** Full Water Analysis

**Well History:** \_\_\_\_\_

**Special Considerations:** \_\_\_\_\_

### Sample Characteristics

<b>Sample Temp:</b> 70 (°F)	<b>Viscosity:</b> 0 cP
<b>pH:</b> 5.00	<b>Color:</b> Orange
<b>Specific Gravity:</b> 1.260	<b>Odor:</b> None
<b>S.G. (Corrected):</b> @ 60 °F	<b>Turbidity:</b> Slight
<b>Resistivity (Calc):</b> 0.03 Ω-m	<b>Filtrates:</b> Lt Orange

### Sample Composition

CATIONS	mg/l	me/l	ppm
Sodium (calc.)	156572	6810.4	124263
Calcium	10025	500.2	7956
Magnesium	5103	419.8	4050
Barium	0	0.0	0
Potassium	0	0.0	0
Iron	730.00	26.1	579.37

### ANIONS

Chloride	274815	7752.2	218107
Sulfate	1500	31.2	1190
Hydroxide	0	0.0	0
Carbonate	< 1	---	---
Bicarbonate	< 1	---	---

### SUMMARY

Total Dissolved Solids(calc.)	448745		356147
Total Hardness as CaCO3	46045	920.1	36544

### Scaling Tendencies

CaCO3 Factor	0	Calcium Carbonate Scale Probability --> REMOTE
CaSO4 Factor	15037500	Calcium Sulfate Scale Probability -----> PROBABLE

### Comments

