

# Case History

August 08, 2008

## Problems Solved Using Ultra Spacer®:

- 1 LOSS CIRCULATION.
- 2 PREVENTING CEMENT FALL BACK.
- 3 ELIMINATING COSTLY TOP OUTS.
- 4 ZONAL ISOLATION/CEMENT BOND ACROSS SHALLOW FRESH WATER AQUIFER.
- 5 GREAT HOLE CLEANING AFTER DRILLING SURFACE INTERVAL VIA AIR DRILLING PRACTICES.

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*THE POLYMERIC FLUID LOSS ADDITIVE REACTS IMMEDIATELY UPON CONTACT WITH THE FORMATION FOR QUICK RESULTS WITHOUT FILTER CAKE DEVELOPEMENT.*

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## RECENT SUCCESS STORIES:

### Bass Enterprise/BEPCO:

**Well Name:** Big Eddy Unit 220

**Location:** New Mexico

**Open Hole Size:** 17  $\frac{1}{2}$ " Open Hole (100% Wash Out)

**Casing Size:** 13  $\frac{3}{8}$ "

**Cementing Company:** Halliburton

**Volume of Ultra Spacer®:** 60 bbl's

**Post Well Results:**

**CEMENT TO SURFACE/NO FALL BACK**

As witnessed by "BML", cement to surface without fall back.

**Well Name:** Poker Lake 239 H

**Location:** New Mexico

**Open Hole Size:** 17  $\frac{1}{2}$ " Open Hole (100% Wash Out)

**Casing Size:** 13  $\frac{3}{8}$ "

**Cementing Company:** Halliburton

**Volume of Ultra Spacer®:** 60 bbl's

**Post Well Results:**

**CEMENT TO SURFACE/NO FALL BACK**

As witnessed by "BML", cement to surface without fall back.

## Additional Case Histories/Mid Continent

### **BP-OKLAHOMA**

Well Name: Harmon McFerran 7-34

Location: Red Oak, Oklahoma

Open Hole Size: 8 <sup>3/4</sup>" Open Hole (30% Wash Out) - Casing Size: 5 <sup>1/2</sup>"

Mud Weight: 10.5 lb/gal OBM - Cement Density: 16.4 lb/gal

Ultra Spacer® Volume: 45 bbl's @ 8.5 lb/gal

#### **OBJECTIVE:**

Maximize cement bond, minimize formation damage from the filtrate of the cement slurry.

#### **RESULTS:**

As indicated by CBL, good isolation/cement bond resulted across the interval.

Well Name: Myton #11

Location: Red Oak, Oklahoma

Open Hole Size: 12 <sup>1/4</sup>" Open Hole (100% Wash Out) - Casing Size: 9 <sup>5/8</sup>"

AIR DRILL - Cement Density: 16.4 lb/gal

Ultra Spacer® Volume: 45 bbl's @ 8.5 lb/gal

#### **OBJECTIVE:**

Achieve good isolation/cement bond across a shallow fresh water aquifer at ± 500' and eliminate a short string of casing which had been required in previous wells to isolate the aquifer.

#### **RESULTS:**

Great hole cleaning along with good bonding resulted across the entire interval, including across the fresh water aquifer. Substantial savings was realized by eliminating the short string of casing which had been required on previous wells.

**For Ordering Information Call Our 24 Hour Number:  
888-862-7177**

**View Additional Case Histories at:**

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