

LUKE FED WELL NO. 1
REVISED 8 5/8" CEMENT PROGRAM

Due to a water flow encountered at approximately 3050' the 8 5/8" casing cement program will be revised as follows to minimize the possibility of lost circulation into the water flow zone while cementing.

Run Baker ECP at approximately 2970' with stage tool one joint above and cement basket one joint below.

1st Stage: 650 sx Class "C" + 10 lb/sx salt. Desired TOC = 2930'.

Slurry Weight: 15.2 ppg
Slurry Yield: 1.38 cu ft/sx
Water Requirement: 6.3 gal/sx

2nd Stage: WOC 6 hours between stages.

Lead: 1400 sx Class "C" 65/35 Poz + 6% Bentonite + 15 lb/sx salt.
Desired TOC = Surface.

Slurry Weight: 13.2 ppg₃
Slurry Yield: 1.92 ft³/sx
Water Requirement: 9.9 gals/sx

Tail: 200 sx Class "C" + 10 lb/sx salt

Slurry Weight: 15.2 ppg
Slurry Yield: 1.38 cu ft/sx
Water Requirement: 6.3 gal/sx