

PROPOSED CASING & CEMENTING PROGRAM

Livingston Ridge Fed Well No. 2

20" 94 lb/ft J-55 Surface Casing Set at 475' - 26" Hole:

Circulate to surface with 800 sacks of Class "C" + 2%  $\text{CaCl}_2$ .

Slurry Weight:	14.8 ppg
Slurry Yield:	1.32 ft <sup>3</sup> /sx
Water Requirement:	6.3 gals/sx

13 3/8" 54.5 & 61 lb/ft J-55 Intermediate Casing Set at 3700' - 17 1/2" Hole:

Lead: Circulate to surface with 1800 sx Class "C" 65/35 Poz + 6% Bentonite + 15 lb/sx Salt.

Slurry Weight:	13.2 ppg
Slurry Yield:	1.92 ft <sup>3</sup> /sx
Water Requirement:	9.9 gals/sx

Tail: 200 sx Class "C" + 10 #/sx salt.

Slurry Weight:	15.2 ppg
Slurry Yield:	1.38 ft <sup>3</sup> /sx
Water Requirement:	6.3 gals/sx

8 5/8" 36 & 40 lb/ft K-55 & N-80 Intermediate Casing Set at 11700' - 11" Hole:

1st Stage: Set stage tool at 7500'.

Cement: 400 sx Class "H" + additives to be determined. Desired TOC = 10500'

Slurry Weight:	15.6 ppg
Slurry Yield:	1.18 ft <sup>3</sup> /sx
Water Requirement:	5.2 gals/sx