

Well Name : Barbara 17 SE Com #20

Location : Sec 17, T 19S, R25E

**Casing Program**

Surface : 8 5/8" casing in 12 1/4" Hole at 1,200 ft.

Production : 5 1/2" casing in 7 7/8" Hole at 9,650 ft.

**Cementing Program :**

**Surface**

Lead 1 200 sacks Class H Mixed at 14.6 ppg  
Additives 10% Gypsum + 1% CACL2 + 10pps Gilsonite  
+ 0.25 pps Cello Flake

Lead 2 525 sacks Class C Mixed at 12.8 ppg  
Additives 35:65:6 (Poz:Cem:Gel) + 5 pps Gilsonite + 2% CACL2  
+ 0.25 pps Cello Flake

Tail 110 sacks Class C Mixed at 14.8 ppg  
Additives 2% CACL2

**Production**

Lead 850 sacks Class C Mixed at 12.3 ppg  
Additives 35:65:6 (Poz:Cem:Gel) + 5 pps Gilsonite + 1/4 pps Celloflake

Tail 100 sacks Class C Mixed at 14.8 ppg  
Additives

Free Water 1.8 % Fluid Loss 800 cc/30 min.