PROPOSED CASING & CEMENTING PROGRAM

EVGSAU 3229-011

<u>13 3/8" 54.5 lb/ft J-55 Surface Casing Set at 1550' - 17 1/2" Hole:</u>

Circulate to surface with 1000 sx of Class "C" + 2% CaCl₂.

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

<u>If water flow encountered - 9 5/8" 36 lb/ft J-55 Intermediate Casing at 3000' - 12 1/4" Hole. If no water flow encountered, switch to 7 7/8" hole and drill to TD:</u> Lead: 500 sx Class "C" + 20% Diacel D + 3% Salt. Desired TOC = Surface.

Slurry Weight:	12.0 ppg
Slurry Yield:	12.0 ppg 2.79 ft³/sx
Water Requirement:	16.1 gals/sx

Tail: 150 sx Class "C" Neat.

Slurry Weight:	14.8 ppg
Slurry Yield:	14.8 ppg 1.32 ft³/sx
Water Requirement:	6.3 gals/sx

<u>5 1/2" 15.5 lb/ft J-55 Production Casing Set at 4900' - 7 7/8" Hole:</u>

Lead: 400 sx Class "C" + 20% Diacel D + 3% Salt. Desired TOC = Surface.

Slurry Weight:	12.0 ppg
Slurry Yield:	12.0 ppg 2.79 ft ³ /sx
Water Requirement:	16.1 gals/sx

Tail: 300 sx Class "C" Neat. Desired TOC = 4000'.

Slurry Weight:	14.8 ppg
Slurry Yield:	14.8 ppg 1.32 ft³/sx
Water Requirement:	6.3 gals/sx

RECEIVED

HIN R & 1993