

4. Proposed Casing Program:

<u>Hole Size</u>	<u>Interval</u>	<u>Casing OD</u>	<u>Casing weight grade, Jt., Type Cond</u>
25"	0'-40'	20"	Conductor, 0.25" wall thickness
17-1/2"	0'-500'	13-3/8"	48# H40 STC
12-1/4"	500'-5000'	9-5/8"	500'-2500' 9-5/8" 36# K-55 STC 2500'-5000' 9-5/8" 40# S80 STC
7-7/8"	5000'-TD	5-1/2"	0'-2800' 5-1/2" 17# N80 Butt 2800'-9000' 5-1/2" 17# N80 LTC 9000'-TD 5-1/2" 17# S95 LTC

Cement Program:

20" Conductor casing:	Cemented with ready-mix to surface
13-3/8" Surface casing:	<u>Lead Slurry:</u> 270 sks 35:65 Poz + 6% gel + 1/2# Celloseal + 2% CaCl ₂ <u>Tail:</u> 200 sks Class C + 1/4# Celloseal + 2% CaCl ₂
9-5/8" Intermediate casing:	<u>Lead Slurry:</u> 800 sks 35:65 Poz + 6% gel + 1/4# Celloseal + 2% CaCl ₂ . <u>Tail:</u> 200 sks Class C + 1/4# Celloseal + 2% CaCl ₂
5-1/2" Production casing:	930 sks Super C modified + 15# Poz A + 11# BA-90 + 8# gilsonite + .44# FL-52 + .44# FL-25 This cement slurry is designed to bring TOC to 5000'