O'BRIANT ENGINEERING 316 BUILDING OF THE SOUTHWEST MIDLAND, TEXAS 79701 915 - 663-3172 915 - 663-5511

July 14, 1980

Mr. Charles Nearburg Chama Petroleum Company 5015 Tracy Street Dallas, Texas 75205

RE: INTERMEDIATE CASING REPORT - 8 5/8"
PENNZOIL FEDERAL NO. 1
LEA COUNTY, NEW MEXICO

Dear Mr. Nearburg:

Eight and five-eights inch casing was run and cemented in place in your Pennzoil Federal No. 1 well on July 7th and 8th, 1980. Details of this installation are as follows:

CASING DETAIL - BOTTOM TO TOP

l - Halliburton float shoe	1.60'
1 - Joint 8 5/8", 32#/ft., S-80, ST & C	46.58
1 - Halliburton float collar	1.80'
18 - Joints 8 5/8", 32#/ft., S-80, ST & C	791.45
55 - Joints 8 5/8", 28#/ft., S-80, ST & C	2,376.76'
50 - Joints 8 5/8", 24#/ft., J-55, ST & C	2,014.96'
124 - Total Joints - Total Pipe Run Cut-off above KB	5,233.15' - 6.50'
Total Correction to drilling depth	5,226.65' - 10.65'
CASING SET AT	5,216.00'

NOTE Five centralizers, Type S-3, were placed as follows:

One - 10' above shoe and 1 each on the next four collars.

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