

FILE COPY

O'BRIANT ENGINEERING
316 BUILDING OF THE SOUTHWEST
MIDLAND, TEXAS 79701
915 - 683-3172
915 - 683-5511

September 25, 1980

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

RE: OIL STRING CASING REPORT - 5-1/2"
PENNZOIL FEDERAL NO. 1
LEA COUNTY, NEW MEXICO

Dear Mr. Nearburg:

Five and one half inch casing was run and cemented in your Pennzoil Federal No. 1 well on August 21, 1980. Details of this installation are as follows:

Casing Detail - Bottom to Top

1 - Halliburton float shoe	1.00'
1 - Joint 5-1/2", 20#/ft., N-80, LT & C	35.96'
1 - Halliburton float collar	1.00'
3 - Joints 5-1/2", 20#/ft., N-80, LT & C	117.64'
1 - Marker joint, 5-1/2", 20#/ft. N-80, LT & C	10.00'
4 - Joints, 5-1/2", 20#/ft., N-80, LT & C	161.37'
1 - Marker Joint, 5-1/2", 20#/ft., N-80, LT & C	10.50'
7 - Joints, 5-1/2", 20#/ft., N-80, LT & C	279.17'
1 - Marker Joint, 5-1/2", 20#/ft., N-80, LT & C	10.50'
41 - Joints, 5-1/2", 20#/ft., N-80, LT & C	1,616.59'
39 - Joints, 5-1/2", 17#/ft., S-95	1,522.36'
179 - Joints, 5-1/2", 17#/ft., N-80, LT & C	7,519.91
53 - Joints, 5-1/2", 17#/ft., N-80, Buttress	<u>2,160.15'</u>
327 - Total joints pipe run	13,446.15'
3 - Marker joints cut off above GL	<u>17.00'</u>
330 - Total pipe run. Casing set @	13,429.15' GL
KB to GL	<u>18.00'</u>
Casing set @	<u>13,447.15'</u> KB