



**Amoco Production Company**

P.O. Box 367  
Andrews, Texas 79714

Alex Clarke, Jr.  
Area Superintendent

**RECEIVED**

February 17, 1976

FEB 19 1976

File: BHS-151-WF

**O. C. C.**  
**ARTESIA, OFFICE**

Re: Testing and Gas Balance  
South Empire Deep Unit  
Well No. 4-G, 32-17-29

New Mexico Oil Conservation Commission  
Drawer DD  
Artesia, NM

Attn: Mr. W. A. Gressett

Gentlemen:

Confirming telephone conversation of February 12, 1976 from Mr. J. A. Detterick to Mr. Gressett regarding your shut-in order dated February 11, 1976 on South Empire Deep Unit Well No. 4. Amoco Production Company desires to test the subject well at reduced producing rates to obtain rate vs. GOR tests. An attempt was made to test at low rates prior to shutting in South Empire Deep Unit Well No. 4, but was unsuccessful due to the choke freezing at low rates. The well is now shut-in.

Based on approval given by Mr. Gressett by telephone, we still desire to conduct this testing. We are currently installing an indirect heater. The well will remain shut-in until the heater is operational. We then plan to test the well at low rates, measuring oil and gas production to determine if there is any effect on gas-oil ratio. At the end of the test period, the well will be shut-in, bottom hole pressure measurements taken, and the well left shut-in until cumulative gas over production is brought into balance.

As requested, the test data will be furnished your office when it is obtained.

Yours very truly,

JAD/ha