Well file

## OIL CONSERVATION COMMISSION P. O. BOX 2088

SANTA FE NEW MEXICO 87501

August 2, 1974

Amoco Production Company P.O. Box 3092 Houston, Texas 77001

Attention: Mr. D. E. Morris

Re: Interference Tests
Harding County, New Mexico

#### Gentlemen:

Reference is made to your letter dated July 29, 1974, wherein you request authority to conduct certain pressure interference tests on carbon dioxide wells in Harding County, New Mexico.

It is our understanding that Amooo holds under lease a sizeable amount of acreage in Harding and Union Counties and has recently drilled a number of wells in this area, discovering several carbon dioxide reservoirs. Further, that in order to obtain information on these reservoirs and to evaluate them, it will be necessary to produce certain of the wells and to observe pressure interference in nearby wells. Because of lack of pipelines or plant facilities, it will be necessary to vent the carbon dioxide gas produced during the tests. This gas does not contain hydrogen sulfide and will not cause any significant air pollution.

In order to permit the evaluation of these discoveries and to appraise the feasibility of drilling additional wells and/or the construction of pipelines and processing facilities, Amoco Production Company is hereby authorized to produce and vent carbon dioxide gas for a period of 30 days from the following wells:

State FD Well No. 1, located 660 feet from the North line and West lines of Section 23, Township 20 North, Range 31 East, MiPM, Harding County, New Mexico;

Heimann Well No. 1, located 660 feet from the South and West lines of Section 3, Township 19 North, Range 33 East, NMPM, Harding County, New Mexico.

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oference is made to your latter dated July 28, 1974, where in you request authority to sonduct certain pressure innersant tests on carbon disside wells in earding Consequence of Forties.

It is our understrading that impost olds ander lass a sireable amount of acreage in Pording and Union (cumbbes and last researtly artilled a number or wells in this area, discoverant saround darwon dioxide reservairs. Forther, that in arter to obtain information on these reservairs and to evaluate the obtain information on these reservairs and to evaluate at to observe pressure interference in nearby wells. The observe pressure interference in nearby wells. The discount of the carbon dioxide has preduced during the tests. It was done as not contain hydrogen suffice and will not cause any significant air pollution.

In order to permit the evaluation of these liscoverine and to appraise the teasibility of drilling additional ratio and/or the construction of pisalines and processing facilaties. The construction company is hereby authorized to produce and vent carbon liexide gas for a period of 10 days from the following wells

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### OIL CONSERVATION COMMISSION

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Amoco Production Company NEW MEXICO 87501 August 2, 1974

Although we are not requesting the specific information derived from these tests at this time, we will appreciate being advised of the progress of the tests.

Very truly yours,

A. L. PORTER, Jr. Secretary-Director

ALP/DSN/jr

cc: Mr. Carl Ulvog

Oil and Gas Inspector OCC - District IV

### OAL COMPERVATION COMMISSION

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Year order cours,

A. C. Pagera, dr. Successivy, imagest

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