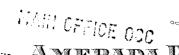
GENERAL OFFICES 120 BROADWAY NEW YORK



## 1957 AMERADA PETROLEÚM GORPORATION 73 8 A: 34

BEACON BUILDING P. O. BOX 2040 Tulsa 2.-Okla.

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November 21, 1957

Oil Conservation Commission State of New Mexico Santa Fe, New Mexico

Re: Cause No. 1325

Amerada's application for amending Order No. R-991, covering Bagley Upper Pennsyvlanian Gas Pool, Lea County,

Gentlemen:

New Mexico.

Enclosed is copy of Amerada's Exhibit No. 6, which was withdrawn by approval of the Commission for the purpose of duplication.

By way of explanation and in order to clarify the record, the figures in green represent the number of feet of porosity development in the common source based on the interpretation of micrologs; figures for the wells identified on the exhibit by "(A)" entered in green are based on interpretations of the the 32-inch limestone lateral curve, namely:

> Shell State A, No. 1 - SE SE Sec. 33-11S-33E; - NE NE Sec. 3-12S-33E; Caudle No. 5 Caudle No. 1 - SE NE Sec. 10-12S-33E.

The porosity development of the three wells based on the limestone lateral curve indicate comparable quality to the porosity development of other wells on which we made a comparison of findings of the porosity as interpreted from both the microlog and the 32-inch limestone lateral curve.

The interpretations of the three wells, named herein, are confirmed by a Schlumberger log analyst.

A copy of this letter and of the enclosed Exhibit is being mailed this date to Texas Pacific Coal & Oil Company, who made an appearance in this cause.

HDB:FC

cc: Texas Pacific Coal & OIL Co.

Fort Worth, Texas

Mr. Jack Campbell Attorney at Law

Box 721, Roswell, New Mexico

milwelf