

GENERAL OFFICES
120 BROADWAY NEW YORK

MAIN OFFICE OCC
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AMERADA PETROLEUM CORPORATION
BEACON BUILDING
P. O. BOX 2040
TULSA 2, OKLA.

ROBERT J. STANTON
GENERAL COUNSEL
JOHN S. MILLER
ASSISTANT GENERAL COUNSEL

LEGAL DEPARTMENT

H. D. BUSHNELL
HAROLD J. FISHER
ROBERT T. JAMES
ROBERT E. LEE
JAMES C. McWILLIAMS
VIRGIL C. MORELLE
ARDEN E. ROSS
ATTORNEYS

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
Pennsylvanian Gas Pool, Lea County,
New Mexico.

Gentlemen:

Enclosed is copy of Amerada's Exhibit No. 6, which was withdrawn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 identi-
fied 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;
Caudle No. 5 - NE NE Sec. 3-12S-33E;
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

Very truly yours,


H. D. Bushnell