

HUMBLE OIL & REFINING COMPANY

HUMBLE DIVISION

P. O. BOX 1600

MIDLAND, TEXAS

December 14, 1960

PRODUCTION DEPARTMENT
WESTERN AREA

R. R. MCCARTY
MANAGER
J. S. BOLDRICK
OPERATIONS SUPERINTENDENT
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OPERATIONS SUPERINTENDENT
H. E. MEADOWS
ENGINEERING COORDINATOR
A. J. BEDFORD
ADMINISTRATIVE COORDINATOR

Re: Dual Completion;
Application for
Humble Oil & Refining Co.
Case No. 2146

Mr. Elvis A. Utz
Examiner, New Mexico Oil Conservation Commission
Santa Fe, New Mexico

Dear Mr. Utz:

In response to questions by Mr. Dan Nutter at the December 12, 1960 hearing for a single string dual completion application (Case No. 2146) the following additional information is presented for the Caudil-Devonian producer in D. H. Crockett Well No. 1:

1. Sucker rod size - 1-inch (56 joints + 24 feet of subs),
7/8-inch (64 joints)
3/4-inch (78 joints)
2. Average pumping speed is 12 strokes per minute which is considered the maximum rate for safe operation.
3. Length of stroke - 108 inches with a 320-D pumping unit.
4. Size of pumpplunger - 2-1/4 inches.

A review of well development costs for the Caudill-Wolfcamp pool indicates that a single string well would cost \$200,000; however, as stated in the hearing, it would be difficult to economically justify this expenditure due to limited reserves anticipated from the reservoir.

Yours very truly,

HUMBLE OIL & REFINING COMPANY

R. R. McCARTY

BY:  HENRY E. MEADOWS

JEW/rs

cc: Mr. Dan Nutter
Mr. Howard Bratton
Mr. W. S. Davis