

New Mexico Oil Conservation Commission

1000 RIO BRAZOS ROAD

AZTEC, NEW MEXICO

September 7, 1960

Pan American Petroleum Corporation  
P.O. Box 480  
Farmington, New Mexico

Attn: Mr. L. O. Speer  
Area Superintendent

Dear Mr. Speer:

Reference is made to your letter of September 1, 1960 and the information attached regarding packer leakage tests on your #1 McAdams "B" and #1 Jack Frost "B" wells:

The pressure information and the GOR tests show conclusively that the two producing zones are segregated. The information filed is, therefore, accepted in lieu of the regular annual packer leakage tests for these two wells.

At such time as a gas connection is secured for the Dakota formation, please schedule both wells for a standard packer leakage test as set out in New Mexico Oil Conservation Commission Memorandum #30-58.

Yours very truly

Emery C. Arnold  
Supervisor, District #3

ECa:ke

cc: Oil Conservation Commission  
Santa Fe, N.M.

ANN ARBOR, MICHIGAN  
48106-1000

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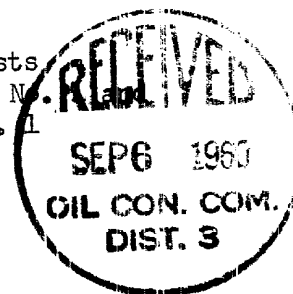
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# PAN AMERICAN PETROLEUM CORPORATION

P. O. Box 480, Farmington, New Mexico  
September 1, 1960

File: B-2306-400.1

Subject: Packer Leakage Tests  
C. A. McAdams "B" No. 1  
Jack Frost "B" No. 1



Mr. E. C. Arnold (3)  
New Mexico Oil Conservation Commission  
1000 Rio Brazos Road  
Aztec, New Mexico

Dear Sir:

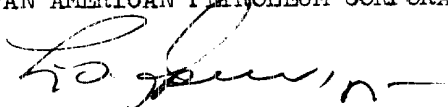
This letter concerns annual packer leakage test requirements as designated by New Mexico Oil Conservation Commission Memorandum No. 30-58, dated November 10, 1958. This memorandum specifies that annual packer leakage tests will be taken and reported in accordance with the instructions printed on the reverse side of Revised Form 11-1-58.

Pan American Petroleum Corporation's C. A. McAdams "B" No. 1 and Jack Frost "B" No. 1 are both dual completions producing oil from an upper Angels Peak Gallup zone. The Dakota formation on both of these wells has remained shut in pending marketing arrangements. The attached graphs are illustrations of the Dakota shut-in pressure performance extending over 12 month periods for C. A. McAdams "B" No. 1 and Jack Frost "B" No. 1. These pressure measurements, all of which were taken with a dead weight tester, indicate stabilized shut-in conditions for the Dakota producing interval and therefore show complete segregation of the two zones in each well. Gas-oil ratio tests are also plotted over these same periods for the Gallup producing interval and illustrate only the typical performance of Angels Peak Gallup Field oil wells.

Inasmuch as these data show effective zone separation, it is respectfully requested that Pan American Petroleum Corporation be granted an exemption to Commission requirements to allow substitution of these tests for the 1960 annual packer leakage tests on C. A. McAdams "B" No. 1 and Jack Frost "B" No. 1.

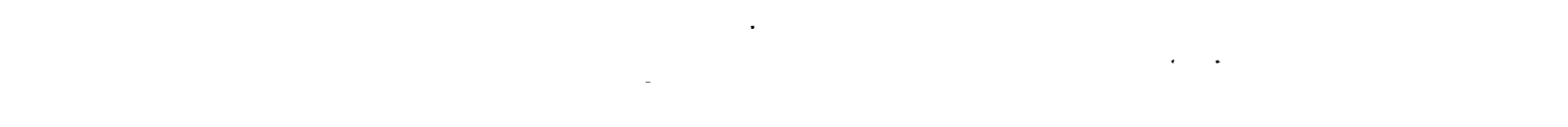
Very truly yours,

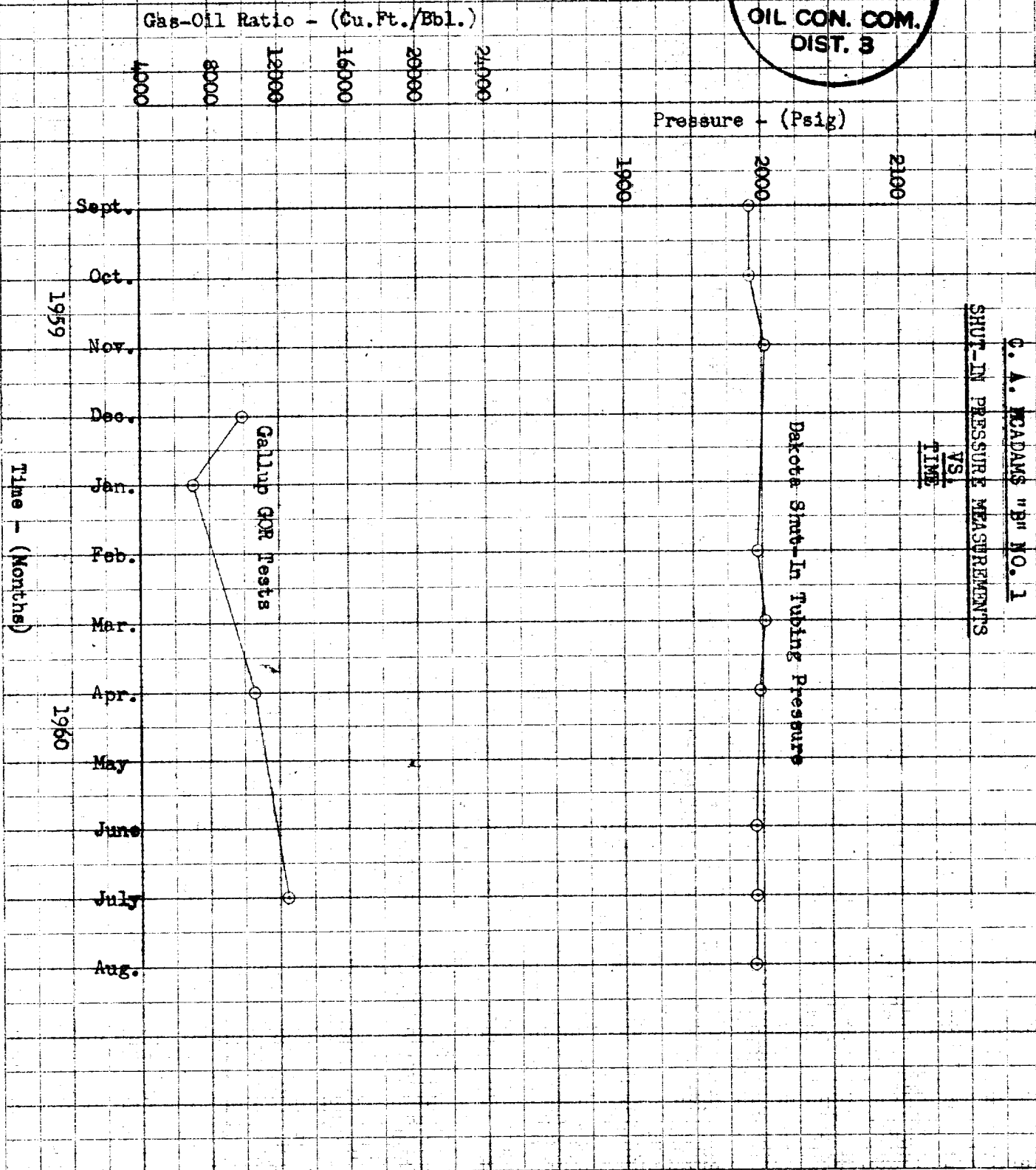
PAN AMERICAN PETROLEUM CORPORATION



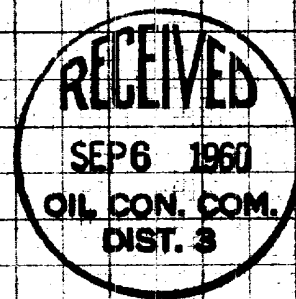
L. O. Speer, Jr.  
Area Superintendent

FMB:ep  
Attach.









JACK FROST "B" NO. 1

SHUT-IN PRESSURE MEASUREMENTS

VS.  
TIME

Dakota Shut-In Tubing Pressure

Pressure - (Psig)

Gas-Oil Ratio - (Cu.Ft./Bbl.)

Gallup GOR Tests

Time - (Months)

Oct.  
Nov.  
Dec.  
Jan.  
Feb.  
Mar.  
Apr.  
May  
June  
July  
Aug.  
1959  
1960

4000  
8000  
12000  
16000  
20000  
24000

1700  
1800  
1900

