

OIL CONSERVATION COMMISSION
1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO

February 19, 1964

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

Attn: Mr. L.O. Speer, Area Superintendent

*Re: File N-95-400-1
Retest, Uptegrove Gas Unit #1*

Dear Mr. Speer:

We have reviewed the production and previous test information for the above well, as well as the test information taken during the 1963 annual deliverability test. It appears that the flow rate during the 1963 test was not representative of this well's ability to produce. We therefore grant your request and will change the allowable on this well to your 1964 annual deliverability test, the effective date being 60 days prior to the date we receive the 1964 test or February 1, 1964, whichever is later.

Yours very truly

*Emery C. Arnold
Supervisor, District #3*

ECA:ks

1700 W. BEAVER ROAD
SALT LAKE CITY, UTAH

Journal of Management Studies, 36(7), 809–826.

1990

[illegible]

1967-1968

the 1990s, the number of people in the United States who are 65 years of age or older is projected to increase from 20 million to 30 million, and the number of people 75 years of age or older is projected to increase from 10 million to 15 million (U.S. Census Bureau, 1997). The number of people 85 years of age or older is projected to increase from 2 million to 4 million (U.S. Census Bureau, 1997). The number of people 90 years of age or older is projected to increase from 500,000 to 1 million (U.S. Census Bureau, 1997). The number of people 95 years of age or older is projected to increase from 100,000 to 200,000 (U.S. Census Bureau, 1997). The number of people 100 years of age or older is projected to increase from 10,000 to 20,000 (U.S. Census Bureau, 1997).

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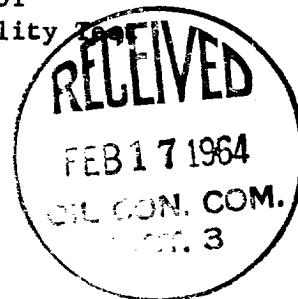
PAN AMERICAN PETROLEUM CORPORATION

P. O. Box 480, Farmington, New Mexico
February 13, 1964

File: N-95-400.1

Subject: Retest of Uptegrove
Gas Unit No. 1
Blanco Mesaverde Pool
For 1963 Deliverability Test

Mr. Emory C. Arnold
New Mexico Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico



Dear Sir:

It is respectfully requested that Pan American's Uptegrove Gas Unit No. 1, Blanco Mesaverde Pool, San Juan County, New Mexico, be accepted for retest of its 1963 deliverability test. Attached is a schedule showing the deliverability test data obtained on this well for the years 1958 through 1963. You will note from this schedule that the tests for the years 1958 through 1962 showed a deliverability from 2374 MCF in 1958 to a low of 1842 MCF in 1962. In comparison, the 1963 test showed a deliverability of only 646 MCF. While part of this apparent decline is due to the fact that the 1963 test is calculated on the basis of 80% P_c rather than 50% P_c as was done previously, the 1963 test would show only about 1200 MCF for deliverability if calculated on a 50% P_c basis. We believe this represents more than the normal decline for the well and that a representative test was not obtained during the 1963 regular test period.

This belief that a non-representative test was obtained in 1963 is further supported by actual 1963 production data. You will note that the actual flow rate during the 1963 test was 959 MCFPD. This flow rate was observed during the week of July 14, 1963 to July 22, 1963. In comparison, please note the attached tabulation showing 1963 production on this well. This tabulation shows the amount of gas produced, the number of days produced and the average daily rate for each month of 1963. Please note particularly that during the month of July 1963 that during the 21 days of production in connection with the 1963 deliverability test, the well produced 38,298 MCF for an average of 1820 MCFPD. This is nearly twice the actual flow rate recorded during the test week and provides further substantiation that the 1963 test is probably not representative of the ability of the well to produce.

In light of the above, we respectfully request that the 1964 deliverability test be accepted and substituted for the 1963 test currently appearing in the proration schedule. This well commenced the conditioning period for the 1964 test on February 9, 1964. It will have its flow week

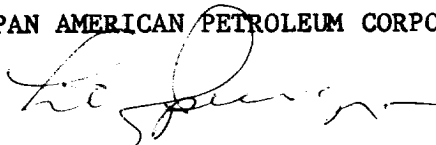
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Mr. Emory C. Arnold
New Mexico Oil Conservation Commission

February 13, 1964
N-95-400.1

from February 23, 1964 to March 2, 1964. The shut-in period will be March 2, 1964 through March 9, 1964.

Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION

A handwritten signature in dark ink, appearing to read "L. O. Speer, Jr.", with a long horizontal flourish extending to the right.

L. O. Speer, Jr.
Area Superintendent

GWE:en
Attach.

BLANCO MESAVERDE POOL
PAN AMERICAN PETROLEUM CORPORATION
UPTEGROVE GAS UNIT NO. 1

DELIVERABILITY TEST DATA



<u>Year</u>	<u>Q</u>	<u>D</u>	<u>Gauge Meter Pressure</u>	<u>Gauge P_c</u>
1958	1826	2374	544	844
1959	1358	1947	589	833
1960	1619	2197	461	818
1961	1618	2013	463	811
1962	1387	1842	491	795
1963	959	646	429	821

1963 PRODUCTION DATA

	<u>Days Produced</u>	<u>MCF</u>	<u>MCF/Day</u>
January	29	46,681	1600
February	9	15,255	1700
March	1	2,615	2615
April	1	2,735	2735
May	1	450	450
June	4	10,906	2730
July	21	38,298	1820
August	2	4,774	2380
September	1	397	397
October	1	3,097	3097
November	1	2,896	2896
December	16	28,995	1810