

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

February 24, 1956

Mr. Oliver Seth
Seth & Montgomery
111 E. San Francisco
Santa Fe, New Mexico

Dear Sir:

In behalf of your client, Blackwood & Nichols Company, we enclose two copies of each of the following orders issued February 20, 1956, by the Oil Conservation Commission:

Order R-749 in Case 1005
Order R-750 in Case 1006
Order R-751 in Case 1007
Order R-752 in Case 1008
Order R-753 in Case 1009

These cases were all heard on January 24th.

Very truly yours,

W. B. Macey
Secretary - Director

WBM:brp
Encls.

C
O
P
Y

EXPLORATION DEPARTMENT

A. M. WIEDERKEHR
MANAGER

SOUTHERN UNION GAS COMPANY
BURT BUILDING
DALLAS 1, TEXAS

April 27, 1956

MANUSCRIPT
RECEIVED
APR 28 1956

Mr. Elvis Utz
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Elvis:

I am sending you a copy of the work done by Phillips Petroleum Company on our 1-E Jicarilla as per your request of several weeks ago.

I think we discussed my sending you a copy of the Four Point Test we ran on our Jicarilla 2-K but in checking the files, we note that Santa Fe has already received a copy of this Test as submitted through the district office. In the event you are unable to find this Test, please let me know and I will have a copy forwarded to you.

Yours very truly,

SOUTHERN UNION GAS COMPANY



AMW:t
Encls.

EXPLORATION DEPARTMENT

A. M. WIEDERKEHR
MANAGER

SOUTHERN UNION GAS COMPANY

BURT BUILDING

DALLAS 1, TEXAS

June 4, 1956

Mr. Elwin A. Utz
New Mexico Oil Conservation Commission
P. O. Box 271
Santa Fe, New Mexico

Dear Mr. Utz:

I have a note from Art Grenier requesting that you be furnished with information with regard to the interference tests now being conducted in the Tapicito Field.

I had thought that your men in Aztec would give you the pressures but apparently they have not so I am tabulating below the information accumulated to date.

<u>Date</u>	<u>Csg. Pressure</u>	<u>Tbg. Pressure</u>
Jan. 26	1090	1087.5
Feb. 9	1088	1086
April 19	1089.5	1086.5
May 7	1089.5	1087.5
May 22	1089	1086

Production from the offset wells has been:

	<u>Feb.</u>	<u>March</u>	<u>April</u>
Jicarilla 1-E	32,225	45,676	50,867
Jicarilla 3-E		6,047	34,920
Jicarilla 4-E	40,562	43,566	54,861

We shall forward the monthly production figures as they are available and if there is other information which you need, please let us hear from you.

Yours very truly,

SOUTHERN UNION GAS COMPANY



AMW:t

MAIN OFFICE OCC

1956 JUN 7 AM 8:12



DRILLING AND GEOLOGICAL
P. O. BOX 815
FARMINGTON, NEW MEXICO

June 5, 1956

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

This is to certify that on June 4, 1956 the following shut-in pressures were taken, with a Dead Weight Gauge, on the Southern Union Gas Company's Jicarilla #2-E well located in the NE $\frac{1}{4}$, SW $\frac{1}{4}$, Section 15, Township 26 North, Range 4 West, Rio Arriba County, New Mexico.

This test is in accordance with the Oil Conservation Commissions Case No. 977. Order No. B-794.

Well Head Temp.

S.U.G. Jicarilla #2-E - SICP 1089 PSIG 85° F ✓
SITP 1086 PSIG 85° F ✓

The above test was witnessed by Mr. Fred Cook of the Aztec Office of the Oil Conservation Commission.

Very truly yours,

Gilbert Noland Jr.
Gilbert Noland, Jr.
Jr. Engineer

cc: Oil Conservation Comm.
Box 697
Aztec, New Mexico
cc: Mr. A. M. Wiederkehr
cc: Mr. H. C. Montgomery
cc: Mr. Vans Bates

Witness

Fred Cook
Fred Cook

MAIN OFFICE 808



1956 JUL 16 AM 10 04

DRILLING AND GEOLOGICAL
P. O. BOX 815
FARMINGTON, NEW MEXICO

July 3, 1956

New Mexico Oil Conservation Commission
P.O. Box 871
Santa Fe, New Mexico

Gentlemen:

This to certify that on July 2, 1956, the following shut-in pressures were taken, with a Dead Weight Gauge, on the Southern Union Gas Company's Jicarilla #2-E well located in the NE 1/4, SW 1/4, Section 15, Township 26 North, Range 4 West, Rio Arriba County, New Mexico.

This test is in accordance with the Oil Conservation Commission's Case No. 977, Order No. R-794.

S.U.G. Jicarilla #2-E: SICP 1088 psig
SITP 1085 psig

<u>Well Head Temperature</u>
800 F.
800 F.

The above test was witnessed by Mr. Fred Cook of the Aztec Office of the Oil Conservation Commission.

Witness:

Fred Cook
Fred Cook

Very truly yours,

Gilbert Noland Jr.
Gilbert Noland, Jr.
Jr. Engineer

GDN:mg

cc: Oil Conservation Commission
P.O. Box 697
Aztec, New Mexico

Mr. A. M. Wiederkehr
Mr. H. C. Montgomery
Mr. Vars Bates

100-100000 SOUTHERN UNION GAS COMPANY
EXPLORATION DEPARTMENT BURT BUILDING
A.M. WIEDERKEHR, JR. DALLAS 1, TEXAS
MANAGER
JUL 11 1956
July 6, 1956

Mr. Elvis A. Utz
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Utz:

Reference is made to Order No. R-79^h, we have tabulated below information regarding interference tests now being conducted in the Tapicito Field:

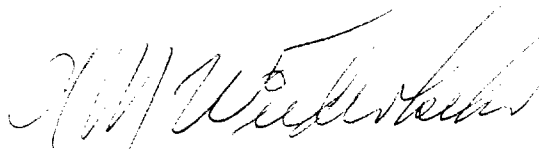
<u>Date</u>	<u>Csg. Pressure</u>	<u>Tbg. Pressure</u>
June 19	1088.5	1085.5
July 3	1088	1085

Production from the offset wells has been:

	<u>May</u>	<u>June</u>
Jicarilla 1-E	70263	64229
Jicarilla 3-E	38681	28063
Jicarilla 4-E	61937	52806

Yours very truly,

SOUTHERN UNION GAS COMPANY



AMW:t

MAIN OFFICE CDD

RECORDED & INDEXED

Southern Union Gas
Company

DRILLING AND GEOLOGICAL
P. O. BOX 815
FARMINGTON, NEW MEXICO

July 31, 1956

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

This is to certify that on July 30, 1956, the following shut-in pressures were taken, with a Dead Weight Gauge, on the Southern Union Gas Company's Jicarilla #2-E well located in the NE $\frac{1}{4}$, SW $\frac{1}{4}$, Section 15, Township 26 North, Range 4 West, Rio Arriba County, New Mexico.

This test is in accordance with the Oil Conservation Commission's Case No. 977, Order No. R-794.

S.U.G. Jicarilla #2-E: SICP 1086 psig ✓
SITP 1083 psig ✓

Well Head Temperature
75° F.
75° F.

The above test was witnessed by Mr. Fred Cook of the Aztec Office of the Oil Conservation Commission.

Witness:

Fred Cook
Fred Cook

Very truly yours,

Gilbert Noland Jr.
Gilbert Noland, Jr.
Jr. Engineer

GN:mL

cc: Oil Conservation Commission
P. O. Box 697
Aztec, New Mexico

cc: Mr. A. M. Wiederkehr
cc: Mr. H. C. Montgomery
cc: Mr. Vars Bates

EXPLORATION DEPARTMENT

A. M. WIEDERKEHR
MANAGER

SOUTHERN UNION GAS COMPANY

BURT BUILDING

DALLAS 1, TEXAS

August 7, 1956

Mr. Elvis A. Utz
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Utz:

Reference is made to Order No. R-794, we have tabulated below information regarding interference tests now being conducted in the Tapicito Field:

<u>Date</u>	<u>Csg. Pressure</u>	<u>Tbg. Pressure</u>
July 17	1086.5 ✓	1084.5 ✓
July 31	1086 ✓	1083 ✓

Production from the offset wells has been:

	<u>July</u>
Jicarilla 1-E	62859
Jicarilla 3-E	20869
Jicarilla 4-E	51467

Yours very truly,

SOUTHERN UNION GAS COMPANY



AMW:t



DRILLING AND GEOLOGICAL
P. O. BOX 815
FARMINGTON, NEW MEXICO

August 28, 1956

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

This is to certify that on August 27, 1956 the following shut-in pressures were taken with a Dead Weight Gauge on the Southern Union Gas Company's Jicarilla #2-E well located in the Northeast Quarter (NE $\frac{1}{4}$), Southwest Quarter (SW $\frac{1}{4}$), Section 15, Township 26 North, Range 4 West, Rio Arriba County, New Mexico.

This test is in accordance with the Oil Conservation Commissions Case No. 977, Order No. R-794.

S.U.G. Jicarilla #2-E - SICP 1083 psig	Well Head Temp.
SITP 1080 psig	75°F
	75°F

The above test was witnessed by Mr. A. R. Kendrick of the Aztec Office of the Oil Conservation Commission.

Witness:

A. R. Kendrick
A. R. Kendrick

Very truly yours,

Gilbert Noland Jr.
Gilbert Noland, Jr.
Jr. Engineer

cc: Oil Conservation Commission
P.O. Box 697
Aztec, New Mexico
cc: Mr. A. M. Wiederkehr
cc: Mr. H. C. Montgomery
cc: Mr. Vars Bates

EXPLORATION DEPARTMENT

A. M. WIEDERKEHR
MANAGER

SOUTHERN UNION GAS COMPANY

BURT BUILDING

DALLAS 1, TEXAS

September 6, 1956

Mr. Elvis A. Utz
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Utz:

Reference is made to Order No. R-794, we have tabulated below information regarding interference tests now being conducted in the Tapacito Field:

<u>Date</u>	<u>Csg. Pressure</u>	<u>Tbg. Pressure</u>
August 15	1084	1082
August 28	1083	1080

Production from the offset wells has been:

	<u>August</u>
Jicarilla 1-E	62549
Jicarilla 3-E	31388
Jicarilla 4-E	51845

Yours very truly,

SOUTHERN UNION GAS COMPANY



AMW:t



DRILLING AND GEOLOGICAL
P. O. BOX 815
FARMINGTON, NEW MEXICO

September 25, 1956

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

This is to certify that on September 24, 1956 the following shut-in pressures were taken with a Dead Weight Gauge on the Southern Union Gas Company's Jicarilla #2-E well located in the Northeast Quarter (NE $\frac{1}{4}$), Southwest Quarter (SW $\frac{1}{4}$), Section 15, Township 26 North, Range 4 West, Rio Arriba County, New Mexico.

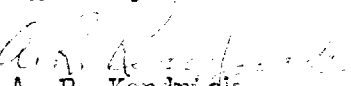
This test is in accordance with the Oil Conservation Commission Case No. 277, Order No. R-794.

S.U.G. Jicarilla #2-E SICP 1079 PSIG ✓
SITP 1077 PSIG ✓

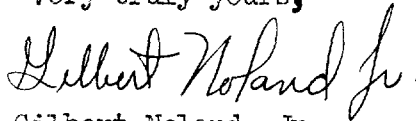
Well Head Temp.
82°F
82°F

The above test was witnessed by Mr. A. R. Kendrick of the Aztec Office of the Oil Conservation Commission.

Witness:


A. R. Kendrick

Very truly yours,


Gilbert Noland, Jr.
Jr. Engineer

cc: Oil Conservation Commission
P.O. Box 697
Aztec, New Mexico
cc: Mr. A. K. Wiederkehr
cc: Mr. H. C. Montgomery
cc: Mr. Vane Bates

EXPLORATION DEPARTMENT

A. M. WIEDERKEHR
MANAGER

SOUTHERN UNION GAS COMPANY

BURT BUILDING

DALLAS 1, TEXAS

October 9, 1956

Mr. Elvis A. Utz
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Utz:

Reference is made to Order No. R-794, we have tabulated below information regarding interference tests now being conducted in the Tapacito Field:

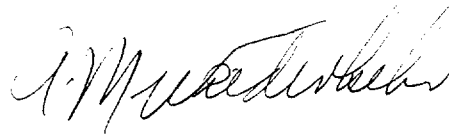
<u>Date</u>	<u>Csg. Pressure</u>	<u>Tbg. Pressure</u>
September 11	1081 ✓	1078 ✓
September 25	1079 ✓	1077 ✓

Production from the offset wells has been:

	<u>August</u>
Jicarilla 1-E	60171
Jicarilla 3-E	25812
Jicarilla 4-E	48306

Yours very truly,

SOUTHERN UNION GAS COMPANY



AMW:t

Southern Union Gas
Company

DRILLING AND GEOLOGICAL
P. O. BOX 815
FARMINGTON, NEW MEXICO

October 23, 1956

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

This is to certify that on October 22, 1956 the following shut-in pressures were taken with a Dead Weight Gauge on the Southern Union Gas Company's Jicarilla #2-E well located in the Northeast Quarter (NE $\frac{1}{4}$) Southeast Quarter SE $\frac{1}{4}$), Section 15, Township 26 North, Range 4 West, Rio Arriba County, New Mexico.

This test is in accordance with the Oil Conservation Commission Case No. 977, Order No. R-794.

S.U.G. Jicarilla #2-E	SICP 1074.5	Well Head Temp.
	SITP 1072.5	70°F
	SICP 1074.5	70°F

The above test was witnessed by Mr. A. R. Kendrick of the Aztec Office of the Oil Conservation Commission.

Witness:

A. R. Kendrick
A. R. Kendrick

Very truly yours,

Gilbert Noland Jr.

Gilbert Noland, Jr.
Jr. Engineer

cc: Oil Conservation Commission
P. O. Box 697
Aztec, New Mexico
cc: Mr. A. M. Wiederkehr
cc: Mr. H. C. Montgomery
cc: Mr. Vars Bates

SOUTHERN UNION GAS COMPANY

EXPLORATION DEPARTMENT

BURT BUILDING

DALLAS 1, TEXAS

A. M. WIEDERKEHR
MANAGER

November 8, 1956

Mr. Elvis A. Utz
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Utz:

Reference is made to Order No. R-794, we have tabulated below information regarding interference tests now being conducted in the Tapacito Field:

<u>Date</u>	<u>Csg. Pressure</u>	<u>Tbg. Pressure</u>
October 8	1077	1075
October 22	1072.5	1074.5

Production from the offset wells has been:

	<u>October</u>
Jicarilla 1-E	56342
Jicarilla 3-E	21235
Jicarilla 4-E	43817

Reference our letter of October 9th giving the pressures and production for the month of September. We inadvertently showed the month as August and this should have read September as the production shown was for the month of September.

Yours very truly,

SOUTHERN UNION GAS COMPANY

A. M. Wiederkehr

AMW:t

Southern Union Gas Company

DRILLING AND GEOLOGICAL
P. O. BOX 815
FARMINGTON, NEW MEXICO

November 20, 1956

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

This is to certify that on November 19, 1956 the following shut-in pressures were taken with a Dead Weight Gauge on the Southern Union Gas Company's Jicarilla #2-E well located in the Northeast Quarter (NE $\frac{1}{4}$), Southwest Quarter (SW $\frac{1}{4}$), Section 15, Township 26 North, Range 4 West, Rio Arriba County, New Mexico.

This test is in accordance with the Oil Conservation Commission Case No. 977, Order No. R-794.

Southern Union Gas Co. Jicarilla #2-E SICP 1070 psig
SITP 1068 psig

Well Head Temp.

50°F

50°F

The above test was witnessed by Mr. A. R. Kendrick of the Aztec Office of the Oil Conservation Commission.

Very truly yours,

Gilbert Noland, Jr.
Gilbert Noland, Jr.
Jr. Engineer

Witness:

A. R. Kendrick
A. R. Kendrick

cc: Oil Conservation Commission
P.O. Box 697
Aztec, New Mexico
cc: Mr. A. M. Wiederkehr
cc: Mr. H. C. Montgomery
cc: Mr. Vars Bates

12 9.5
11 9.5
10 9.5
9 9.5
8 9.5
7 9.5
6 9.5
5 9.5
4 9.5
3 9.5
2 9.5
1 9.5

SOUTHERN UNION GAS COMPANY

BURT BUILDING

DALLAS 1, TEXAS

EXPLORATION DEPARTMENT

A. M. WIEDERKEHR
MANAGER

December 10, 1956

Mr. Elvis A. Utz
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Utz:

Reference is made to Order No. R-794, we have tabulated below information regarding interference tests now being conducted in the Tapacito Field:

<u>Date</u>	<u>Seg. Pressure</u>	<u>Ibg. Pressure</u>
November 5	1072	1070
November 19	1070	1068

Production from the offset wells has been:

	<u>November</u>
Jicarilla 1-B	42,833
Jicarilla 3-B	8,747
Jicarilla 4-B	28,250

Yours very truly,

SOUTHERN UNION GAS COMPANY



AMW:t

Southern Union Gas
Company

DRILLING AND GEOLOGICAL
P. O. BOX 815
FARMINGTON, NEW MEXICO

December 27, 1956

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

I have been informed by Mr. A. M. Wiederkehr that the interference tests on Southern Union Gas Company's Jicarilla #2-E well have been completed and that Southern Union is to conduct a similar test on their Jicarilla #4-D well located $SE\frac{1}{4}$, $NE\frac{1}{4}$, Sec. 30, T-26N, R-3W.

Southern Union's Jicarilla #5-D well; located $NE\frac{1}{4}$, $SW\frac{1}{4}$, Sec. 30, T-26N, R-3W, and Jicarilla #2-D well; located $NE\frac{1}{4}$, $SW\frac{1}{4}$, Sec. 29, T-26N, R-3W; are to be produced unrestricted into the line as offset wells.

The first shut-in pressures were taken on the Jicarilla #4-D well on December 17, 1956 with the following results:

S.U.G. Jicarilla #4-D	SICP 1065	Well head Temp.
	SITP 1064	55°F

All pressures will be taken with a dead weight pressure gauge every two weeks.

The above test was witnessed by Mr. A. R. Kendrick of the Aztec Office of the Oil Conservation Commission.

Witness:

A. R. Kendrick
A. R. Kendrick

Very truly yours,

Gilbert Noland, Jr.
Gilbert Noland, Jr.
Jr. Engineer

cc: Oil Conservation Commission
120 E. Chaco, Aztec, N. Mex.
cc: Mr. Foster Morrell
P.O. Box 933, Roswell, N. Mex.
cc: Mr. A. M. Wiederkehr
cc: Mr. H. C. Montgomery
cc: Mr. Vars Bates

SOUTHERN UNION GAS COMPANY

BURT BUILDING

DALLAS 1, TEXAS

EXPLORATION DEPARTMENT

A. M. WIEDERKEHR
MANAGER

January 7, 1957

Mr. Elvis A. Utz
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Utz:

Reference is made to Order No. R-794, we have tabulated below information regarding interference tests now being conducted in the Tapacito Field:

<u>Date</u>	<u>Csg. Pressure</u>	<u>Tbg. Pressure</u>
Jicarilla 2-E December 2	1068	1066
Jicarilla 4-D December 17	1065 ✓	1064 ✓

Production from the offset wells has been:

	<u>December</u>
Jicarilla 1-E	45504
Jicarilla 3-E	17022
Jicarilla 4-E	36730
Jicarilla 2-D	4728
Jicarilla 5-D	51550

Yours very truly,

SOUTHERN UNION GAS COMPANY

AMW:t

1068
1065
1066
1064

1074.5
1066.0
1065

Southern Union Gas *Company*

DRILLING AND GEOLOGICAL
P. O. BOX 815
FARMINGTON, NEW MEXICO

January 16, 1957

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

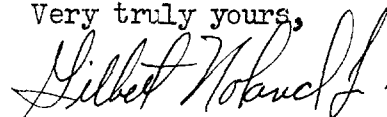
This is to certify that on January 14, 1957 the following shut-in pressures were taken with Dead Weight Gauge on the Southern Union Gas Company's Jicarilla #4-D well located in the Southeast Quarter (SE $\frac{1}{4}$), Northeast Quarter (NE $\frac{1}{4}$), Section 30, Township 26 North, Range 3 West, Rio Arriba County, New Mexico.

S. U. G. Jicarilla #4-D SICP 1065
SITP 1064

Well Head Temp.
55°F


The above test was witnessed by Mr. A. R. Kendrick of the Aztec Office of the Oil Conservation Commission.

Very truly yours,



Gilbert Noland, Jr.
Jr. Engineer

Witness:



A. R. Kendrick

cc: Oil Conservation Commission
120 E. Chaco, Aztec, N. Mex.
cc: Mr. A. M. Wiederkehr
cc: Mr. Vars Bates

SOUTHERN UNION GAS COMPANY

BURT BUILDING

DALLAS 1, TEXAS

EXPLORATION DEPARTMENT

A. M. WIEDERKEHR
MANAGER

February 12, 1957

Mr. Elvis A. Utz
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Utz:

Reference is made to Order No. R-794, we have tabulated below information regarding interference tests now being conducted in the Tapacito Field:

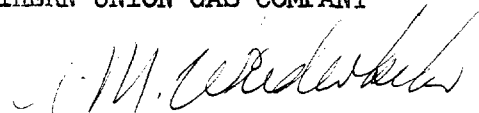
<u>Date</u>		<u>Csg. Pressure</u>	<u>Tbg. Pressure</u>
January 14, 1957	4 - D	1065	1064

Production from the offset wells has been:

	<u>January</u>
Jicarilla 2-D	4,019
Jicarilla 5-D	54,536

Yours very truly,

SOUTHERN UNION GAS COMPANY



AMW:t



DRILLING AND GEOLOGICAL
P. O. BOX 815
FARMINGTON, NEW MEXICO

February 12, 1957

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

This is to certify that on February 11, 1957 the following shut-in pressures were taken with a Dead Weight Gauge on the Southern Union Gas Company's Jicarilla #4-D well located in the Southeast Quarter (SE $\frac{1}{4}$), Northeast Quarter (NE $\frac{1}{4}$), Section 30, Township 26 North, Range 3 West, Rio Arriba County, New Mexico.

Well Head Temp.

Southern Union Gas Co. Jicarilla #4-D	SICP 1065	50°F
	SITP 1064	

Very truly yours,

A handwritten signature in cursive script that reads "Gilbert Noland, Jr.".

Gilbert Noland, Jr.

cc: Oil Conservation Commission
120 E. Chaco, Aztec, New Mexico
cc: Mr. A. M. Wiederkehr
cc: Mr. Vars Bates

65

SOUTHERN UNION GAS COMPANY

BURT BUILDING

DALLAS 1, TEXAS

EXPLORATION DEPARTMENT

A. M. WIEDERKEHR
MANAGER

March 7, 1957

Mr. Elvis A. Utz
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Utz:

Reference is made to Order No. R-794, we have tabulated below information regarding interference tests now being conducted in the Tapacito Field:

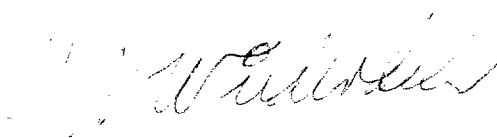
<u>Date</u>	<u>Csg. Pressure</u>	<u>Tbg. Pressure</u>
February 11 4-D	1065	1064

Production from the offset wells has been:

	<u>February</u>
Jicarilla 2-D	2,840
Jicarilla 5-D	44,904

Yours very truly,

SOUTHERN UNION GAS COMPANY



AMW:t



DRILLING AND GEOLOGICAL
P. O. BOX 815
FARMINGTON, NEW MEXICO

March 12, 1957

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

This is to certify that on March 11, 1957 the following shut-in pressures were taken with a Dead Weight Gauge on the Southern Union Gas Company's Jicarilla #4-D well located in the Southeast Quarter (SE $\frac{1}{4}$), Northeast Quarter (NE $\frac{1}{4}$), Section 30, Township 26 North, Range 3 West, Rio Arriba County, New Mexico.

Southern Union Gas Co. Jicarilla #4-D SICP 1065 $\frac{1}{2}$
SITP 1064 $\frac{1}{2}$

Well Head Temp.
55°F

The above test was witnessed by Mr. E. C. Arnold of the Aztec Office of the Oil Conservation Commission.

Very truly yours,

Gilbert Noland Jr.
Gilbert Noland, Jr.
Jr. Engineer

Witness:

E. C. Arnold
E. C. Arnold

cc: Oil Conservation Commission
120 E. Chaco, Aztec, New Mexico
cc: Mr. A. M. Wiederkehr
cc: Mr. Paul Clote
cc: Mr. Vars Bates
cc: File

SOUTHERN UNION GAS COMPANY

BURT BUILDING

DALLAS 1, TEXAS

EXPLORATION DEPARTMENT

A. M. WIEDERKEHR
MANAGER

April 8, 1957

Mr. Elvis A. Utz
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Utz:

Reference is made to Order No. R-794, we have tabulated below information regarding interference tests now being conducted in the Tapacito Field:

<u>Date</u>	<u>Csg. Pressure</u>	<u>Tbg. Pressure</u>
March 11	1065 $\frac{1}{2}$	1064 $\frac{1}{2}$

Production from the offset wells has been:

	<u>March</u>
Jicarilla 2-D	2,093
Jicarilla 5-D	45,478

Yours very truly,

SOUTHERN UNION GAS COMPANY



AMW:t



DRILLING AND GEOLOGICAL
P. O. BOX 815
FARMINGTON, NEW MEXICO

April 9, 1957

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

This is to certify that on April 8, 1957 the following shut-in pressures were taken with a dead weight gauge on the Southern Union Gas Company's Jicarilla #4-D well, located in the Southeast Quarter (SE $\frac{1}{4}$), Northeast Quarter (NE $\frac{1}{4}$), Section 30, Township 26 North, Range 3 West, Rio Arriba County, New Mexico.

Southern Union Gas Company Jicarilla #4-D SICP 1066 psig
SITP 1064 $\frac{1}{2}$ psig

The above test was witnessed by Mr. A. R. Kendrick of the Aztec Office of the Oil Conservation Commission.

Very truly yours,

A handwritten signature in cursive script that reads "Gilbert Noland Jr.".

Gilbert Noland, Jr.
Jr. Engineer

Witness:

A handwritten signature in cursive script that reads "A. R. Kendrick".
Mr. A. R. Kendrick

cc: Oil Conservation Commission
120 E. Chaco, Aztec, New Mexico
cc: Mr. A. M. Wiederkehr - Dallas
cc: Mr. Paul J. Clote - Farmington
cc: Mr. Vars Bates - Farmington
cc: File

SOUTHERN UNION GAS COMPANY

BURT BUILDING

DALLAS 1, TEXAS

EXPLORATION DEPARTMENT

A. M. WIEDERKEHR
MANAGER

May 20, 1957

Mr. Elvis A. Utz
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Utz:

Reference is made to Order No. R-794, we have tabulated below information regarding interference tests now being conducted in the Tapacito Field:

<u>Date</u>	<u>Csg. Pressure</u>	<u>Tbg. Pressure</u>
April 8, 1957	1066	1064 $\frac{1}{2}$

Production from the offset wells has been:

	<u>APRIL</u>
Jicarilla 2-D	1,315
Jicarilla 5-D	36,586

Yours very truly,

SOUTHERN UNION GAS COMPANY

W. H. [Signature]

AMW:t

Southern Union Gas
Company

DRILLING AND GEOLOGICAL
P. O. BOX 815
FARMINGTON, NEW MEXICO

May 17, 1957

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

This is to certify that on May 6, 1957 the following shut-in pressures were taken with a Dead Weight Gauge on the Southern Union Gas Company's Jicarilla #4-D Well, located in the Southeast Quarter (SE $\frac{1}{4}$), Northeast Quarter (NE $\frac{1}{4}$), Section 30, Township 26 North, Range 3 West, Rio Arriba County, New Mexico.

Southern Union Gas Co. Jicarilla #4-D SICP 1066 psig
SITP 1064 $\frac{1}{2}$ psig

The above test was witnessed by Mr. A. R. Kendrick of the Aztec Office of the Oil Conservation Commission.

Very truly yours,

Gilbert Noland, Jr.

Gilbert Noland, Jr.
Jr. Engineer

Witness:

A. R. Kendrick
Mr. A. R. Kendrick

cc: Oil Conservation Commission
120 E. Chaco, Aztec, New Mexico
cc: Mr. A. M. Wiederkehr - Dallas
cc: Mr. Paul J. Clote - Farmington
cc: Mr. Vars Bates - Farmington
cc: File

SOUTHERN UNION GAS COMPANY

BURT BUILDING

DALLAS 1, TEXAS

EXPLORATION DEPARTMENT

A. M. WIEDERKEHR
MANAGER

June 6, 1957

Mr. Elvis A. Utz
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Utz:

Reference is made to Order No. R-794, we have tabulated below information regarding interference tests now being conducted in the Tapacito Field:

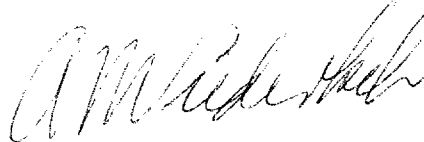
<u>Date</u>	<u>Csg. Pressure</u>	<u>Tbg. Pressure</u>
May 6, 1957	1066	1064½

Production from the offset wells has been:

	<u>MAY</u>
Jicarilla 2-D	3,492
Jicarilla 5-D	43,655

Yours very truly,

SOUTHERN UNION GAS COMPANY



AMW:t

Southern Union Gas
Company

DRILLING AND GEOLOGICAL
P. O. BOX 815
FARMINGTON, NEW MEXICO

July 8, 1957

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

This is to certify that on July 1, 1957 the following shut-in pressures were taken with a Dead Weight Gauge on the Southern Union Gas Company's Jicarilla #4-D Well, located in the Southeast Quarter (SE 1/4), Northeast Quarter (NE 1/4), Section 30, Township 26 North, Range 3 West, Rio Arriba County, New Mexico.

Southern Union Gas Company Jicarilla #4-D SICP 1065 1/2
SITP 1063 1/2

The above test was witnessed by Mr. Fred Cook of the Aztec office of the Oil Conservation Commission.

Very truly yours,

Gilbert Noland, Jr.

Gilbert Noland, Jr.

GN:pss

Witness:

Mr. Fred Cook

cc: *Fred Cook*
Oil Conservation Commission
Mr. A. E. Wiederkehr
Mr. Paul Clote
Mr. Vars Bates
File

EXPLORATION DEPARTMENT

A. M. WIEDERKEHR
MANAGER

SOUTHERN UNION GAS COMPANY

BURT BUILDING

DALLAS 1, TEXAS

July 16, 1957

Mr. Elvis A. Utz
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Utz:

Reference is made to Order No. R-794, we have tabulated below information regarding interference tests now being conducted in the Tapacito Field:

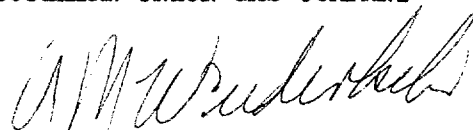
<u>Date</u>	<u>Csg. Pressure</u>	<u>Tbg. Pressure</u>
July 1, 1957	1065	1063

Production from the offset wells has been:

	<u>June</u>
Jicarilla 2-D	3,181
Jicarilla 5-D	34,638

Yours very truly,

SOUTHERN UNION GAS COMPANY



AMW:t

MAIN OFFICE OCC



1957 AUG 20 AM 8:22

DRILLING AND GEOLOGICAL
P. O. BOX 815
FARMINGTON, NEW MEXICO

August 19, 1957

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

This is to certify that on August 13, 1957, the following shut-in pressures were taken with a dead weight gauge on the Southern Union Gas Company's Jicarilla #4-D well, located in the Southeast Quarter (SE/4), Northeast Quarter (NE/4), Section 30, Township 26 North, Range 3 West, Rio Arriba County, New Mexico.

Southern Union Gas Company Jicarilla #4-D SICP 1064 1/2 - SITP 1062 1/2

The above test was witnessed by Mr. Patrick J. Eldredge of the Southern Union Gas Company.

Patrick J. Eldredge

A handwritten signature in cursive script that reads "Patrick J. Eldredge".

GN:pss

Very truly yours,

A handwritten signature in cursive script that reads "Gilbert Noland, Jr.".

Gilbert Noland, Jr.

cc: Oil Conservation Commission
Mr. A. M. Wiederkehr
Mr. Paul J. Clote
Mr. Vars Bates
File

EXPLORATION DEPARTMENT

A. M. WIEDERKEHR
MANAGER

RECEIVED 000
SOUTHERN UNION GAS COMPANY

BURT BUILDING

DALLAS 1, TEXAS

SEP 11 9:09
September 6, 1957

Mr. Elvis A. Utz
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Utz:

Reference is made to Order No. R-794, we have tabulated below information regarding interference tests now being conducted in the Tapacito Field:

<u>Date</u>	<u>Csg. Pressure</u>	<u>Tbg. Pressure</u>
August 13, 1957	1064½	1062½

Production from the offset wells has been:

	<u>July</u>	<u>August</u>
Jicarilla 2-D	235	9244
Jicarilla 5-D	51531	46151

Yours very truly,

SOUTHERN UNION GAS COMPANY



AMW:t

MAIN OFFICE OCC
1957 SEP 20 AM 8:33



DRILLING AND GEOLOGICAL
P. O. BOX 815
FARMINGTON, NEW MEXICO

September 20, 1957

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

This is to certify that on September 17, 1957, the following shut-in pressures were taken with a dead weight gauge on Southern Union Gas Company's Jicarilla #4-D Well, located in the South-East quarter (SE/4), North-East quarter (NE/4), Section 30, Township 26 north, Range 3 west, Rio Arriba County, New Mexico.


Southern Union Gas, Jicarilla #4-D
T.F. 1061 $\frac{1}{2}$ C.F. 1063 $\frac{1}{2}$

The above test was witnessed by Mr. Vernon J. Lowe of the Southern Union Gas Company.

WITNESS:


VERNON J. LOWE

Very truly yours,


Gilbert Noland, Jr.

GN/mbw

cc: Oil Conservation Commission - Aztec, N.M.
Mr. A. M. Wiederkehr - Dallas
Mr. Paul J. Clote - Farmington
File

SOUTHERN UNION GAS COMPANY

BURT BUILDING

DALLAS 1, TEXAS

EXPLORATION DEPARTMENT

A. M. WIEDERKEHR

MANAGER

October 9, 1957

Mr. Elvis A. Utz
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Utz:

Reference is made to Order No. R-794, we have tabulated below information regarding interference tests now being conducted in the Tapacito Field:

<u>Date</u>	<u>Csg. Pressure</u>	<u>Tbg. Pressure</u>
September 17, 1957	1063 $\frac{1}{2}$	1061 $\frac{1}{2}$

Production from the offset wells has been:

	<u>September</u>
Jicarilla 2-D	22132
Jicarilla 5-D	40439

Yours very truly,

SOUTHERN UNION GAS COMPANY

AMW:t

MAIN OFFICE **Southern Union Gas**

Company

*Return to
Elmer*

1957 OCT 11 AM 8:11

DRILLING AND GEOLOGICAL
P. O. BOX 815
FARMINGTON, NEW MEXICO
October 9, 1957

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

This is to certify that on October 8, 1957, the following shut-in pressures were taken with added weight gauge on Southern Union Gas Company's Jicarilla #4-D well, located in the south-east quarter, (SE/4), north-east quarter (NE/4), Section 30, Township 26 north, Range 3 west, Rio Arriba County, New Mexico.

SICP
SITP

1061½ psig.
1060 psig.

The following flowing pressures were taken on the Jicarilla 2-D and the Jicarilla #5-D wells. These two wells are off-sets to the Jicarilla #4-D.

<u>WELL</u>	<u>LOCATION</u>	<u>FLOWING PRESSURES</u>
Jicarilla #2-D	NE/4, SW/4, Sec. 29, T-26N, R-3W, Rio Arriba County, New Mexico	Tubing - 511 psig. Casing - 535 psig.
Jicarilla #5-D	NE/4, SW/4, Sec. 30, T-26N, R-3W, Rio Arriba County, New Mexico	Tubing - 512 psig. Casing - 538 psig.

The above tests were witnessed by Mr. Tom Fenno of Southern Union Gas Co.

Very truly yours,

Gilbert Noland Jr.
Gilbert Noland, Jr.

WITNESS:

Tom Fenno
Tom Fenno

GN:mbw

cc: Oil Conservation Commission - Aztec, N.M.
Mr. A. M. Wederkehr - Dallas
Mr. Paul J. Clote - Farmington
File

MAIN OFFICE CCC
1957 OCT 21 AM 11:37



40
10-22-57

DRILLING AND GEOLOGICAL
P. O. BOX 815
FARMINGTON, NEW MEXICO

October 21, 1957

Mr. Elvis Utz
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

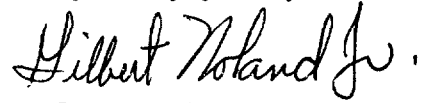
Please find enclosed Bottom Hole Pressure Data on the following Southern Union Gas Company's wells.

WELL	LOCATION
Southern Union Gas Co. Jicarilla #4-D	1650' from North line and 990' from the East line (SE/4, NE/4) Sec. 30, T-26N, R-3W N.M.P.M. Rio Arriba County, New Mexico.
Southern Union Gas Co. Jicarilla #2-D	1650' from South line and 1650' from West line (NE/4, SW/4) Sec. 29, T-26N, R-3W, N.M.P.M. Rio Arriba County, New Mexico.
Southern Union Gas Co. Jicarilla #5-D	1470' from South line and 1600' from West line (NE/4, SW $\frac{1}{4}$) Sec. 30, T-26N, R-3W N.M.P.M. Rio Arriba County, New Mexico.

These bottom hole pressure tests were run in conjunction with the interference pressure tests currently being conducted on

Southern Union Gas Company's Jicarilla #4-D well.

Very truly yours,

A handwritten signature in cursive script that reads "Gilbert Noland Jr.".

Gilbert Noland, Jr.

GN:pss

cc: Oil Conservation Commission
120 East Chaco, Aztec, New Mexico Encl.
Mr. A. M. Wiederkehr - Dallas, Encl.
Mr. Paul J. Clote - Farmington
File

11-12-57
EXPLORATION DEPARTMENT

A. M. WIEDERKEHR
MANAGER

SOUTHERN UNION GAS COMPANY
BURT BUILDING
DALLAS 1, TEXAS

November 8, 1957

Mr. Elvis A. Utz
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Utz:

Reference is made to Order No. R-794, we have tabulated below information regarding interference tests now being conducted in the Tapacito Field:

<u>Date</u>	<u>Csg. Pressure</u>	<u>Tbg. Pressure</u>
October 8, 1957	1061 $\frac{1}{2}$	1060

Production from the offset wells has been:

	<u>October</u>
Jicarilla 2-D	14380
Jicarilla 5-D	26496

Yours very truly,

SOUTHERN UNION GAS COMPANY



AMW:t

SOUTHERN UNION GAS COMPANY

BURT BUILDING

DALLAS 1, TEXAS

EXPLORATION DEPARTMENT

A. M. WIEDERKEHR
MANAGER

December 9, 1957

Mr. Elvis A. Utz
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Utz:

Reference is made to Order No. R-794, we have tabulated below information regarding interference tests now being conducted in the Tapacito Field:

<u>Date</u>	<u>Csg. Pressure</u>	<u>Tbg. Pressure</u>
November 8	1058 $\frac{1}{2}$	1057

Production from the offset wells has been:

	<u>November</u>
Jicarilla 2-D	1987
Jicarilla 5-D	23328

Yours very truly,

SOUTHERN UNION GAS COMPANY



AMN:t

324

Dec 12 1957

Southern Union Gas
Company

DRILLING AND GEOLOGICAL
P. O. BOX 815
FARMINGTON, NEW MEXICO

December 9, 1957

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

This is to certify that on December 6, 1957, the following shut-in pressures were taken with a dead weight gauge on Southern Union Gas Company's Jicarilla No. 2-D well, located in the Southwest quarter (SW/4), Section 29, Township 26 North, Range 3 West, Rio Arriba County, New Mexico. Jicarilla No. 4-D well, located in the Southeast quarter (SE/4), Northeast quarter (NE/4), Section 30, Township 26 North, Range 3 West, Rio Arriba County, New Mexico. Jicarilla No. 5-D well, located in the Southwest quarter (SW/4), Section 30, Township 26 North, Range 3 West, Rio Arriba County, New Mexico.

Southern Union Gas Company, Jicarilla No. 2-D.
FTP 660 psi
FCP 683 psi

Southern Union Gas Company, Jicarilla No. 4-D
SITP 1057 psi
SICP 1058½ psi

Southern Union Gas Company, Jicarilla No. 5-D.
FTP 643 psi
FCP 656 psi

1058
- 653
375 3/4

1058
656
402

The above test was witnessed by Mr. A. R. Kendrick of the Aztec Office of the Oil Conservation Commission.

Very truly yours,

Thomas E. Fenno
Thomas E. Fenno
Jr. Engineer

Witness:

A. R. Kendrick

TEF:ps

cc: Oil Conservation Commission - Aztec, New Mexico
Mr. A. M. Wiederkehr - Dallas
Mr. Paul J. Clote - Farmington
File

RECEIVED JAN 10 1958



RECEIVED JAN 10 1958

DRILLING AND GEOLOGICAL
P. O. BOX 815
FARMINGTON, NEW MEXICO

January 6, 1958

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

This is to certify that on January 3, 1958, the following shut-in pressures were taken with a dead weight gauge on Southern Union Gas Company's Jicarilla No. 2-D well, located in the Southwest quarter (SW/4), Section 29, Township 26 North, Range 3 West, Rio Arriba County, New Mexico; Jicarilla No. 4-D well, located in the Southeast quarter (SE/4), Northeast quarter (NE/4), Section 30, Township 26 North, Range 3 West, Rio Arriba County, New Mexico; and Jicarilla No. 5-D well, located in the Southwest quarter (SW/4), Section 30, Township 26 North, Range 3 West, Rio Arriba County, New Mexico.

Southern Union Gas Company, Jicarilla No. 2-D ✓
FTP 631 psi
FCP 655 psi

Southern Union Gas Company, Jicarilla No. 4-D ✓
SITP 1055 psi
SICP 1057½ psi

Southern Union Gas Company, Jicarilla No. 5-D ✓
FTP 610 psi
FCP 625 psi

Very truly yours,

Thomas E. Fenno
Thomas E. Fenno
Jr. Engineer

TEF:pss

cc: Oil Conservation Commission - Aztec, New Mexico
Mr. A. M. Wiederkehr - Dallas
Mr. Paul J. Clote - Farmington
File

EXPLORATION DEPARTMENT

A. M. WIEDERKEHR
MANAGER

SOUTHERN UNION GAS COMPANY
BURT BUILDING
DALLAS 1, TEXAS

January 16, 1958

Mr. Elvis A. Utz
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Utz:

Reference is made to Order No. R-794, we have tabulated below information regarding interference tests now being conducted in the Tapacito Field:

<u>Date</u>	<u>Csg. Pressure</u>	<u>Tbg. Pressure</u>
January 3	1057½	1055

Production from the offset wells has been:

	<u>December</u>
Jicarilla 2-D	11,944
Jicarilla 5-D	28,483

Yours very truly,

SOUTHERN UNION GAS COMPANY



AMW:t

RECEIVED
FEB 10 1958
Southern Union Gas
Company

DRILLING AND GEOLOGICAL
P. O. BOX 815
FARMINGTON, NEW MEXICO

February 4, 1958

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

This is to certify that on February 3, 1958, the following shut-in pressures were taken with a dead weight gauge on Southern Union Gas Company's Jicarilla No. 2-D well, located in the Southwest quarter (SW/4) Section 29, Township 26 North, Range 3 West, Rio Arriba County, New Mexico; Jicarilla No. 4-D well, located in the Southeast quarter (SE/4) Northeast quarter (NE/4) Section 30, Township 26 North, Range 3 West, Rio Arriba County, New Mexico; and Jicarilla No. 5-D well, located in the Southwest quarter (SW/4) Section 30, Township 26 North, Range 3 West, Rio Arriba County, New Mexico.

Southern Union Gas Company, Jicarilla No. 2-D
STP 467 psi
FCP 613 psi

Southern Union Gas Company, Jicarilla No. 4-D
STP 1054 psi
SICP 1056 psi

Southern Union Gas Company, Jicarilla No. 5-D
STP 596 psi
FCP 619 psi

WITNESS:

A. R. Kendrick

Very truly yours,

Thomas E. Fenno
Thomas E. Fenno
Jr. Engineer

TEF:mbw

cc: Oil Conservation Commission - Aztec, N.M.
Mr. A. M. Wiederkehr - Dallas
Mr. Paul J. Clote - Farmington
File

SOUTHERN UNION GAS COMPANY

BURT BUILDING

DALLAS 1, TEXAS

EXPLORATION DEPARTMENT

A. M. WIEDERKEHR
MANAGER

February 6, 1958

Mr. Elvis A. Utz
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Utz:

Reference is made to Order No. R-794, we have tabulated below information regarding interference tests now being conducted in the Tapacito Field:

<u>Date</u>	<u>Csg. Pressure</u>	<u>Tbg. Pressure</u>
February 3	1056	1054

Production from the offset wells has been:

	<u>January</u>
Jicarilla 2-D	12,000
Jicarilla 5-D	32,781

Yours very truly,

SOUTHERN UNION GAS COMPANY

A. M. Wiederkehr

AMW:t

2-5-58
4-D @ 3046' - 1173.0#
5-D @ 3057' - 613.0# (flowing)
2-D @ 3090' - 753.0# (flowing)