

ATWOOD & MALONE
LAWYERS

P. O. DRAWER 700
TELEPHONE 505 622-6221
SECURITY NATIONAL BANK BUILDING
ROSWELL, NEW MEXICO
88201

JEFF D. ATWOOD (1883-1960)
CHARLES F. MALONE
RUSSELL D. MANN
PAUL A. COOTER
BOB F. TURNER
ROBERT A. JOHNSON
JOHN W. BASSETT
ROBERT E. SABIN

July 8, 1968

Mr. A. L. Porter, Jr.
Oil Conservation Commission
State Land Office Building
Santa Fe, New Mexico

RE: Examiner Hearing - July 10, 1968
Case No. 3804

Dear Mr. Porter:

In behalf of Pan American Petroleum Corporation, we enclose our Entry of Appearance in the case cited above, to be heard July 10, 1968.

With regards.

Very truly yours,

ATWOOD & MALONE


Charles F. Malone

CFM:sah

Encl.

cc: J. K. Smith, Esquire (w/encl.)
Guy Buell, Esquire (w/encl.)

8 JUL 9 1968

PAN AMERICAN PETROLEUM CORPORATION

OIL AND GAS BUILDING

P. O. BOX 1410

FORT WORTH, TEXAS—76101

D. L. RAY
DIVISION ENGINEER

June 10, 1968

File: GHF-292-986.510.1

*Case 3804*Subject: Pressure Maintenance Project
R. E. Horton Federal Lease
Milnesand-San Andres Pool
Roosevelt County, New MexicoMr. A. L. Porter (3)
Secretary-Director
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Sir:

Pan American Petroleum Corporation respectfully requests that a hearing be scheduled to consider our application for a pressure maintenance project in the Milnesand-San Andres Pool on our R. E. Horton Federal Lease located in Sections 29, 30 and 31, T8S, R35E, Roosevelt County, New Mexico. We will request approval to initiate water injection operations into the San Andres formation in our R. E. Horton Federal Well No. 30 located in Unit K, Section 29. We will also request that R. E. Horton Federal Well No. 31 located in Unit M, Section 29, currently authorized as a salt water disposal well, be reclassified as an injection well in the proposed pressure maintenance project.

A plat of the proposed project area, schematic diagrams, well logs for each injection well, and a pertinent data sheet are attached.

Yours very truly,

*D. L. Ray*DGW:mp
Attachments

DOCKET IN 113

6/27/68

PAN AMERICAN PETROLEUM CORPORATION

OIL AND GAS BUILDING

P. O. BOX 1410

FORT WORTH, TEXAS—76101

D. L. RAY
DIVISION ENGINEER

July 12, 1968

File: GHF-367-986.510.1

Subject: Case 3804
Pan American Horton Federal Lease
Pressure Maintenance Hearing
Milnesand (San Andres) Pool
Roosevelt County, New Mexico

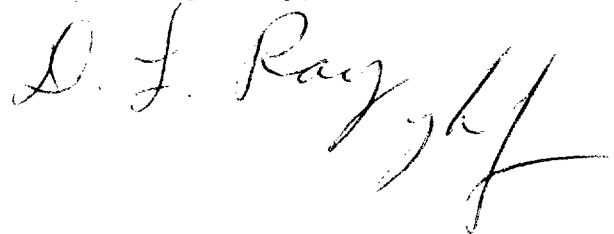
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico 87501

Attention: Mr. Elvis Utz

Gentlemen:

As requested of Mr. George Ford by Mr. Elvis Utz on July 10, 1968, during Case No. 3804 held to consider Pan American's application for a pressure maintenance project on our Horton Federal Lease, Milnesand (San Andres) Pool, Roosevelt County, New Mexico, we are furnishing attached a tabulation of reservoir pressure versus gas compressibility factors for this San Andres reservoir. We ask that this data be used in preparing an order for this pressure maintenance project.

Yours very truly,



DGW:mp
Attachments

ATTACHMENT I
 GAS COMPRESSIBILITY FACTOR
 PAN AMERICAN PETROLEUM CORPORATION
 MILNESAND (SAN ANDRES) POOL
 ROOSEVELT COUNTY, NEW MEXICO
 HORTON FEDERAL LEASE

Pressure PSIG	Z
0	.998
50	.990
100	.970
150	.950
200	.930
250	.905
300	.890
350	.875
400	.855
450	.835
500	.815
550	.795
600	.775
650	.755
700	.735
750	.720
800	.700
850	.675
900	.650
950	.630
1000	.610
1050	.590
1100	.570
1150	.555
1200	.540
1250	.525
1300	.510
1350	.500
1400	.490
1450	.482
1500	.480
1550	.482
1600	.485

Pressure Base 15.025 PSI
 Reservoir Temp. 115° F or 575° R

GOVERNOR
DAVID F. CARGO
CHAIRMAN

State of New Mexico
Oil Conservation Commission



LAND COMMISSIONER
GUYTON B. HAYS
MEMBER

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

P. O. BOX 2088
SANTA FE

July 25, 1968

Mr. Guy Buell
Pan American Petroleum Corporation
Post Office Box 1410
Fort Worth, Texas

Re: Case No. 3804
Order No. R-3456
Applicant:
Pan American Petroleum Corp.

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/ir

Carbon copy of order also sent to:

Hobbs OCC x

Artesia OCC

Aztec OCC

Other State Engineer Office

BEFORE THE OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF)
PAN AMERICAN PETROLEUM CORPORATION)
FOR A PRESSURE MAINTENANCE PROJECT) No. 3804
IN THE MILNESAND-SAN ANDRES POOL,)
ROOSEVELT COUNTY, NEW MEXICO, PRO-)
MULGATION OF RULES AND RECLASSIFICA-)
TION OF WELL.)

ENTRY OF APPEARANCE

The undersigned, Atwood & Malone, licensed to practice law in
New Mexico, hereby enter their appearance herein as co-counsel with
Guy Buell, Esquire, and Gordon Ryan, Esquire, of Fort Worth, Texas,
in behalf of Pan American Petroleum Corporation.

DATED at Roswell, New Mexico, this 8th day of July, 1968.

ATWOOD & MALONE

By Charles S. Malone
Post Office Drawer 700
Roswell, New Mexico 88201

700 JUL 9 1968