



UNITED STATES
DEPARTMENT OF THE INTERIOR
MAIN OFFICE, OCC
GEOLOGICAL SURVEY
Drawer 1857
Albuquerque, New Mexico

1769

1962 JAN 26 AM 8:52

January 25, 1962

Pan American Petroleum Corporation
P. O. Box 1410
Fort Worth, Texas

Gentlemen:

Receipt is acknowledged of the following ratification and joinder relating to the Northeast Hogback unit agreement, No. 14-08-001-6674, New Mexico:

<u>Joinder To</u>	<u>Date Received</u>	<u>Executed By</u>
unit agreement	1-18-62	Wayne V. Fenel and Marian H. Fenel, overriding royalty interest owners in Federal land unit tracts Nos. 11, 13, 36, and 37.

Copies of the joinders are being distributed to the appropriate Federal offices. All copies surplus to our needs are returned herewith.

Very truly yours,

(Orig.Sgd.) CARL C. TRAYWICK

CARL C. TRAYWICK
Acting Regional Oil and Gas Supervisor

Copy to: Wash. (w/cy of joinder)
Farmington (w/cy of joinder)
✓ BLM-Santa Fe (w/cy of joinder)
Com. of Public Lands, Santa Fe (ltr. only)

PAN AMERICAN PETROLEUM CORPORATION

P. O. Box 480, Farmington, New Mexico
December 5, 1961

File: N-679-416

Subject: 1961 Plan of Development Supplement
Northeast Hogback Unit
San Juan County, New Mexico

Director (6)
United States Geological Survey
c/o Oil and Gas Supervisor
P. O. Drawer 1857
Roswell, New Mexico

Commissioner of Public Lands (3)
The State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Oil Conservation Commission of (3)
The State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

All Working Interest Owners
In Unit Area
(See Attached Addressee List)

Gentlemen:

The 1961 Plan of Development Supplement for the Northeast Hogback Unit, dated June 12, 1961, has been approved by the regulatory bodies on the following dates:

Director United States Geological Survey	July 20, 1961
Commissioner of Public Lands State of New Mexico	June 27, 1961
New Mexico Oil Conservation Commission	September 6, 1961

The Plan, as approved, will be effective January 1, 1961.

Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION


T. M. Curtis
District Superintendent

JRK:en
Attach.

MAILING LIST OF WORKING INTEREST OWNERS
NORTHEAST HOGBACK UNIT
SAN JUAN COUNTY, NEW MEXICO

El Paso Natural Gas Company (2)
P. O. Box 1492
El Paso, Texas

El Paso Natural Gas Company
P. O. Box 990
Farmington, New Mexico
Attn: Mr. Harry Gevertz

El Paso Natural Gas Products Company
P. O. Box 1492
El Paso, Texas
Attn: Mr. M. L. Ayres

Mr. J. R. Abraham
841 Mercantile Bank Building
Dallas, Texas

Pubco Petroleum Corporation
P. O. Box 1419
Albuquerque, New Mexico

Northwest Production Corporation
520 Simms Building
Albuquerque, New Mexico

Southern Petroleum Exploration, Inc. (2)
Sistersville, West Virginia

Mr. R. L. Harper
Waterflow, New Mexico

Gulf Oil Corporation (2)
P. O. Box 2097
Denver, Colorado

Colorado Oil and Gas Corporation
P. O. Box 749
Denver, Colorado
Attn: Mr. F. W. Heiser

Brookhaven Oil Company
P. O. Box 1267
Scottsdale, Arizona

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

1769

September 6, 1961

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

Re: 1961 Plan of Development
Supplement, Northeast
Hogback Unit, San Juan
County, New Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1961 Supplemental Plan of Development for the Northeast Hogback Unit, San Juan County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Two approved copies of the supplemental plan are returned herewith.

Very truly yours,

A. L. PORTER, Jr.,
Secretary-Director

ALP/JEK/ig

cc: U. S. Geological Survey
Roswell, New Mexico

Commissioner of Public Lands
Santa Fe, New Mexico

C
O
P
Y

In Reply: Refer
to Unit Division

June 27, 1961

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

Re: 1961 Plan of Development
Supplement, Northeast
Hogback Unit, San Juan
County, New Mexico

Attention: Mr. T. M. Curtis

Gentlemen:

The Commissioner of Public Lands approved as
of June 27, 1961, the Supplement to the 1961 Plan of
Development for the Northeast Hogback Unit, San Juan
County, New Mexico.

We are enclosing our approved copy of this
Supplement.

Very truly yours,

E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

ESW/mst/v

cc: USG. Geological Survey
Roswell, New Mexico

Oil Conservation Commission
Santa Fe, New Mexico

C
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P
Y

PAN AMERICAN PETROLEUM CORPORATION

P. O. Box 480, Farmington, New Mexico

June 12, 1961

File: N-163-416

Subject: 1961 Plan of Development Supplement
Northeast Hogback Unit
San Juan County, New Mexico

Director (6)
United States Geological Survey
c/o Oil and Gas Supervisor
P. O. Box 6721
Roswell, New Mexico

Commissioner of Public Lands (3)
The State of New Mexico
Land Office Building
Santa Fe, New Mexico

✓ Oil Conservation Commission of (3)
The State of New Mexico
Land Office Building
Santa Fe, New Mexico

All Working Interest Owners
In Unit Area
(See Attached Addressee List)

Gentlemen:

The approved 1961 Plan of Development for the Northeast Hogback Unit consists of no additional drilling during the year and the initiation of secondary recovery in the Gallup formation within the Northeast Hogback Unit during 1961. Pan American Petroleum Corporation, as Unit Operator, respectfully submits for your approval a Supplemental 1961 Plan of Development for this Unit applicable to the Gallup Participating Area.

1961 Plan of Development Supplement: The participants in the Northeast Hogback Unit request the regulatory bodies to consider a pressure maintenance program for the Unit which will consist of injecting water into the Gallup formation. Northeast Hogback Unit Well Nos. 13, 14, 16, 17, and 20 have been tentatively selected as initial water injection wells. The attached plat shows the location of these initial water injection wells to be in the southeast portion of the field. These are existing producing Horseshoe Gallup Pool oil wells which will be converted to water injection wells. Approximately 15 additional water injection wells are being considered for addition at an early date.

Proposed plans include the drilling of a Morrison water supply well in the northeast quarter of Section 10, T-30-N, R-16-W. At this location the water supply well will be approximately 2900 feet deep. As shown on the attached plat, the water injection plant will be located north of the water well and in the same quarter section.

Oil and Gas Supervisor
Oil Conservation Commission
Commissioner of Public Lands
All Working Interest Owners

-2- June 12, 1961
File: N-163-416
Subject: 1961 Plan of Development
Supplement, Northeast
Hogback Unit, San Juan
County, New Mexico

This 1961 Plan of Development Supplement is contingent on the New Mexico Oil Conservation Commission approval of these plans after hearing.

Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION



T. M. Curtis
District Superintendent

DJR:en
Attach.

Approved _____ Date _____
Regional Oil and Gas Supervisor
United States Geological Survey

Approved _____ Date _____
Commissioner of Public Lands
State of New Mexico

Approved *A. L. Porter, Jr.* Date *Sept. 6, 1961*
Oil Conservation Commission
State of New Mexico

MAILING LIST OF WORKING INTEREST OWNERS
NORTHEAST HOGBACK UNIT
SAN JUAN COUNTY, NEW MEXICO

El Paso Natural Gas Company (2)
P. O. Box 1492
El Paso, Texas

Northwest Production Corporation
520 Simms Building
Albuquerque, New Mexico

El Paso Natural Gas Company
P. O. Box 990
Farmington, New Mexico
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Waterflow, New Mexico

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P. O. Box 2097
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Scottsdale, Arizona