

247

PAN AMERICAN PETROLEUM CORPORATION

P. O. Box 480, Farmington, New Mexico

June 12, 1963

File: N-446-416

Subject: Approval of 1963
Plan of Development
Gallegos Canyon Unit
San Juan County, New Mexico

Director (6)
United States Geological Survey
P. O. Drawer 1857
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 1963 Plan of Development for the Gallegos Canyon Unit,
submitted to the regulatory bodies by our letter dated December 18, 1962,
has been approved on the following dates:

Director
United States Geological Survey
January 29, 1963

Commissioner of Public Lands
State of New Mexico
April 17, 1963

New Mexico
Oil Conservation Commission
June 6, 1963

This Plan becomes effective January 1, 1963.

Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION

T. M. Curtis
T. M. Curtis
District Superintendent

CKD:en

MAILING LIST OF WORKING INTEREST OWNERS
GALLEGOS CANYON UNIT AREA
SAN JUAN COUNTY, NEW MEXICO

American Petrofina Co. of Texas
P. O. Box 2159
Dallas 21, Texas
Attention: Mr. Deewall, Land Dept.

American Petrofina Co. of Texas
P. O. Box 2159
Dallas 21, Texas
Attention: Mr. Wilkin, Prod. Dept.

The Atlantic Refining Co. (3)
Suite 760, Petroleum Club Building
110 - 16th Street
Denver 2, Colorado

Aztec Oil and Gas Company
920 Mercantile Securities Building
Dallas 1, Texas
Attention: Mr. H. L. Snider, Jr.

Mary Roberts Berry
208 E. Washington Street
Washington, Iowa

Tom Bolack
1010 North Dustin
Farmington, New Mexico

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

B. H. and Dyvena Crawford
Bloomfield, New Mexico

Delta Oil Company of Utah
c/o Universal Minerals, Inc.
1126 Mercantile Securities Bldg.
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El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas
Attention: Land Department

Mr. Olen F. Featherstone
Roswell Petroleum Building
Roswell, New Mexico

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P. O. Box 1515
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801 Second Avenue
Durango, Colorado

National Drilling Company, Inc.
4810 N. Kenneth Avenue
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633 Meadows Building
Dallas 6, Texas

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

H. K. Riddle
1409 Mesilla N.E.
Albuquerque, New Mexico

Skelly Oil Company
P. O. Box 1650
Tulsa 2, Oklahoma
Attention: Mr. R. G. Hiltz

Skelly Oil Company
P. O. Box 38
Hobbs, New Mexico
Attention: Mr. H. E. Aab

Southern Union Production Company
Fidelity Union Tower Building
1507 Pacific Avenue
Dallas 1, Texas
Attention: Mr. A. M. Wiederkehr

Sunray DX Oil Company
Fourth Floor, 101 University Building
Cherry Creek Center
Denver 6, Colorado
Attention: Mr. A. W. Wadman, Jr.

Texaco Inc.
P. O. Box 2100
Denver, Colorado

Texas Pacific Coal & Oil Company
P. O. Box 2110
Fort Worth 1, Texas
Attention: Mr. R. W. Hines

John H. Trigg
P. O. Box 520
Roswell, New Mexico

Wood Oil Company
Room 800 - Midstates Building
Tulsa, Oklahoma

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

247

June 6, 1963

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

Attention: Mr. T. M. Curtis

Re: 1963 Plan of Development
Gallegos Canyon Unit, San
Juan County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1963 Plan of Development for the Gallegos Canyon 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 plan are returned herewith.

Very truly yours,

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

ALP/JEK/ig

cc: Commissioner of Public Lands
Santa Fe, New Mexico

United States Geological Survey
Roswell, New Mexico

MAIN OFFICE OCC

1963 JAN 30 PM 1:30

Drawer 1857
Roswell, New Mexico

January 29, 1963

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

Attention: Mr. T. M. Curtis

Gentlemen:

Your 1963 plan of development, dated December 18, 1962, for the Gallagos Canyon unit area, San Juan County, New Mexico, proposing the drilling of four Dakota wells and the initiation of pressure maintenance projects in Gallup participating areas "B" and "C", has been approved on this date subject to like approval by the appropriate State officials.

Three approved copies of the plan are enclosed.

Very truly yours,

(Orig.Sgd.) CARL C. TRAYWICK

CARL C. TRAYWICK
Acting Oil and Gas Supervisor

Copy to: Washington (w/ey of plan)
Farmington (w/ey of plan)
NMOCC - Santa Fe (ltr. only)
Comm. of Pub. Lands - Santa Fe (ltr. only)

1963 APR 18 PM 1:23

April 18, 1963

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

Re: 1963 Plan of Development
Gallegos Canyon Unit,
San Juan County, New Mexico

Attention: Mr. T. M. Curtis

Gentlemen:

The Commissioner of Public Lands has approved as of April 17, 1963, your 1963 Plan of Development, dated December 18, 1962, for the Gallegos Canyon Unit Area, San Juan County, New Mexico, subject to like approval by the United States Geological Survey.

This Plan of Development proposes the drilling of four Dakota wells and the initiation of pressure maintenance projects in the Gallup Participating Areas "B" and "C".

We are returning one approved copy of this Plan.

Very truly yours,

E. S. PENNY WALKER
COMMISSIONER OF PUBLIC LANDS

BY:
(Mrs.) Marian M. Rhea, Supervisor
Unit Division

ESW/mm/v

encl:

cc: Oil Conservation Commission

U. S. Department of Interior
Geological Survey
Roswell, New Mexico

PAN AMERICAN PETROLEUM CORPORATION

P. O. Box 480, Farmington, New Mexico
December 18, 1962

File: N-1513-416

Subject: 1963 Plan of Development
Gallegos Canyon Unit
San Juan County, New Mexico

Director (6)
United States Geological Survey
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
(See Attached Addressee List)

Gentlemen:

In compliance with Section 9 of the Gallegos Canyon Unit Agreement dated November 1, 1950, designated I-Sec. No. 844, Pan American Petroleum Corporation, as Unit Operator, respectfully submits for your approval a Plan of Development for the calendar year of 1963. The proposed plan has been approved by the Working Interest Owners as provided by the Unit Operating Agreement.

History of Past Development - There has been a total of 122 wells drilled in the Gallegos Canyon Unit. Of these, 61 are Pictured Cliffs producers, 4 are Gallup-Dakota duals, 15 are single Dakotas, 23 are Gallup producers, 1 is a Fruitland completion and 18 wells are dry holes and abandoned.

Participating Areas have been formed for the Pictured Cliffs, the Dakota zone, and three separate Gallup pools inside the Unit. A non-commercial classification for the Fruitland completion was approved.

The attached tabulation furnishes a statistical review of operations in the Gallegos Canyon Unit.

Proposed Additional Wells - It is planned to drill four Basin Dakota wells during 1963 at locations to be selected at a later date. Although the locations are not specified, it is anticipated these wells will be drilled in the vicinity of the Unit boundary to meet possible offset development.

It is proposed to initiate pressure maintenance projects in the Gallup Participating Area "B", Totah Gallup Field, and the Gallup Participating Area "C", Cha Cha Gallup Field. These areas have been established with the New Mexico Oil Conservation Commission and orders have been issued designating the areas and special operating rules.

Page 2

U. S. Geological Survey
Commissioner of Public Lands
Oil Conservation Commission
All Working Interest Owners

December 18, 1962

File: N-1513-416
Subject: 1963 Plan of Development
Gallegos Canyon Unit
San Juan County, New Mexico

Well Casing Program - The well casing program will generally follow current programs used in similar wells in the San Juan Basin. Included will be surface casing and other casing as required by the United States Geological Survey and the State of New Mexico.

Offset Obligation - Appropriate measures will be taken to prevent drainage of unitized substances from lands subject to the Gallegos Canyon Unit Agreement, or, pursuant to applicable regulations, fair and reasonable compensatory royalty will be paid as provided in Section 15 of the Unit Agreement.

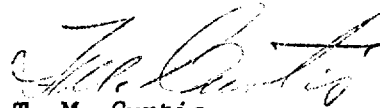
Further Development - This Plan of Development shall constitute the drilling obligation of the Unit Operator under terms of the Gallegos Canyon Unit Agreement for the period ending December 31, 1963.

Modifications - It is understood that this plan is dependent upon certain information to be obtained prior to and subsequent to drilling, therefore, it may be modified from time to time to meet changing conditions.

Effective Date - This Plan of Development shall be effective January 1, 1963.

Yours very truly,


PAN AMERICAN PETROLEUM CORPORATION


T. M. Curtis
District Superintendent

CKD:en
Attach.

APPROVED: _____ DATE: _____
Director, United States Geological Survey
(Subject to like approval by appropriate
State Officials)

APPROVED: _____ DATE: _____
Commissioner of Public Lands
(Subject to like approval by U.S.G.S.
and Oil Conservation Commission)

APPROVED:  _____ DATE: June 6, 1963
Oil Conservation Commission
(Subject to like approval by U.S.G.S.
and Commissioner of Public Lands)

MAILING LIST OF WORKING INTEREST OWNERS
GALLEGOS CANYON UNIT AREA
SAN JUAN COUNTY, NEW MEXICO

American Petrofina Co. of Texas
P. O. Box 2159
Dallas 21, Texas
Attention: Mr. Deewall, Land Dept.

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Attention: Mr. Wilkin, Prod. Dept.

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H. K. Riddle
644 East Barcelona Rd.
Santa Fe, New Mexico

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P. O. Box 1650
Tulsa 2, Oklahoma
Attention: Mr. R. G. Hiltz

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Denver, Colorado

Texas Pacific Coal & Oil Company
P. O. Box 2110
Fort Worth 1, Texas
Attention: Mr. R. W. Hines

John H. Trigg
P. O. Box 520
Roswell, New Mexico

Wood Oil Company
Room 800 - Midstates Building
Tulsa, Oklahoma

STATISTICAL REVIEW OF OPERATIONS
GALLEGOS CANYON UNIT
DECEMBER 1, 1962

Total wells drilled in Unit area	126
Total Unit acreage	43,146.82 acres

Pictured Cliffs Statistics

Pictured Cliffs Participating Area	27,456.46 acres
Total Wells Drilled	79
Dry Holes	18
Producing Wells as of 12-1-62	61
Current Production:	
October 1962	63,303 MCF
November 1962	74,326 MCF
Cumulative Production to 12-1-62	29,134,365 MCF

Dakota Statistics

Dakota Participating Area	43,146.62 acres
Total Wells Drilled	19 (Includes 4 duals)
Producing Wells	8
Current Production:	
October 1962	98,634 MCF
November 1962	98,227 MCF
Cumulative Production to 12-1-62	1,948,378 MCF

Gallup Statistics

Gallup Participating Area "A"	680 acres
Gallup Participating Area "B"	715.40 acres
Gallup Participating Area "C"	1,628.75 acres
Producing Wells (Includes 6 Non-Commercial)	27 (Includes 4 duals)
Current Production:	
October 1962	35,340 Bbls.
November 1962	36,674 Bbls.
Cumulative Production to 12-1-62	649,914 Bbls.

Fruitland Statistics

Total Wells Drilled	1 (Non-Commercial)
Current Production:	
October 1962	65 MCF
November 1962	2043 MCF
Cumulative Production to 12-1-62	79,001 MCF

PAN AMERICAN PETROLEUM CORPORATION

P. O. Box 480, Farmington, New Mexico
December 11, 1962

File: N-1487-993

Subject: Approval of Second Enlargement
Gallup Participating Area "C"
Gallegos Canyon 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
Gallegos Canyon Unit
(See Attached Addressee List)

Gentlemen:

The application for approval of a Second Enlargement to the Gallup Participating Area "C" in the Gallegos Canyon Unit has been approved by the Director, Commissioner, and the Commission on the following dates:

Director	
United States Geological Survey	November 21, 1962

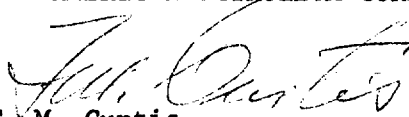
Commissioner of Public Lands	
State of New Mexico	September 4, 1962

New Mexico	
Oil Conservation Commission	September 19, 1962

The effective date for this Second Enlargement of the Gallup Participating Area "C" will be March 1, 1962.

Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION


T. M. Curtis
District Superintendent

CKD:en
Attach.

MAILING LIST OF WORKING INTEREST OWNERS
GALLEGOS CANYON UNIT AREA
SAN JUAN COUNTY, NEW MEXICO

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P. O. Box 2159
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Lafayette, California

PAN AMERICAN PETROLEUM CORPORATION

P. O. Box 480, Farmington, New Mexico
December 11, 1962

File: N-1488-993

Subject: Approval of the First and
Second Enlargements of
Gallup Participating Area "A"
Gallegos Canyon Unit

Director (6)
United States Geological Survey
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
Gallegos Canyon Unit
(See Attached Addressee List)

Gentlemen:

The application for the approval of the First and Second Enlargements of Gallup Participating Area "A" of the Gallegos Canyon Unit has been approved by the Director, Commissioner and the Commission on the following dates:

Director United States Geological Survey	November 21, 1962
---	-------------------


Commissioner of Public Lands State of New Mexico	October 10, 1962
---	------------------

New Mexico Oil Conservation Commission	October 15, 1962
---	------------------

The effective dates of the First and Second Enlargements of the Gallup Participating Area "A" will be June 1, 1962 and July 1, 1962, respectively.

Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION


T. M. Curtis
District Superintendent

CKD:en
Attach.

PAN AMERICAN PETROLEUM CORPORATION

RECEIVED
AUG 27 1962

U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

P. O. Box 480, Farmington, New Mexico
August 23, 1962

File: N-749-416

Subject: Proposed Second Enlargement of
Gallup Participating Area "C"
Gallegos Canyon Unit
San Juan County, New Mexico

RECEIVED
OCT 1 - 1962
U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

Director
United States Geological Survey
P. O. Drawer 1857
Roswell, New Mexico

Oil Conservation Commission
State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Commissioner of Public Lands
State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

All Working Interest Owners
Gallegos Canyon Unit
(See Attached Addressee List)

Gentlemen:

Pan American Petroleum Corporation, as Unit Operator for the Gallegos Canyon Unit, respectfully submits for your approval the Second Enlargement of Gallup Participating Area "C" for the Gallegos Canyon Unit.

The proposed Second Enlargement of the Gallup Participating Area "C" consists of 388.75 acres and is described as follows:

SE/4 SE/4 Section 24; N/2 NW/4 &
NE/4 Section 25
SW/4 SW/4 Section 19; W/2 NW/4
Section 30

T-28-N, R-13-W

T-28-N, R-12-W

Total acreage in the Gallup Participating Area "C" after this enlargement is 1628.75 acres as shown on the attached Ownership Schedule which describes and shows the ownership of acreage in Gallup Participating Area "C" after the Second Enlargement.

It is proposed that the effective date for the Second Enlargement of Gallup Participating Area "C" be March 1, 1962. This effective date was based on the completion date of Gallegos Canyon Unit No. 120, the well on which the enlargement was predicated. The next proposed well is to be located in the NE/4 SE/4 Section 24 and if capable of producing in paying quantities, acreage in the vicinity of the well will be admitted as the next enlargement to Gallup Participating Area "C".

The attached map, Exhibit "A", shows the proposed Second Enlargement of the Gallup Participating Area "C" and other proposed participating

Page 2

U. S. Geological Survey
Commissioner of Public Lands
Oil Conservation Commission
All Working Interest Owners


August 23, 1962

File: N-749-416
Subject: Proposed Second Enlargement of
Gallup Participating Area "C"
Gallegos Canyon Unit
San Juan County, New Mexico


areas in the Gallegos Canyon Unit. Also attached is an Engineering and Geological Report, including an isopach map, to support the Second Enlargement of Gallup Participating Area "C" and prove the acreage in the Second Enlargement is productive of unitized substances in paying quantities from the Gallup formation.

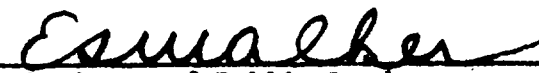
Yours very truly,

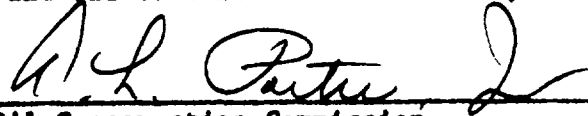
PAN AMERICAN PETROLEUM CORPORATION


T. M. Curtis
District Superintendent

JRK:en
Attach.

Approved:  Date: NOV 21 1962
Acting Director, United States Geological Survey
(Subject to like approval by appropriate
State Officials)

Approved:  Date: September 4, 1962
Commissioner of Public Lands
(Subject to like approval by U.S.G.S.
and Oil Conservation Commission)

Approved:  Date: September 19, 1962
Oil Conservation Commission
(Subject to like approval by U.S.G.S.
and Commissioner of Public Lands)

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

247

October 15, 1962

C
O
P
Y

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

Attention: Mr. T. M. Curtis

Re: First and Second Enlargements
Gallup Participating Area
"A" Gallegos Canyon Unit,
San Juan County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the proposed First and Second Enlargements of Gallup Participating Area "A" for the Gallegos Canyon 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.

Nine approved copies of the application are being forwarded to the United States Geological Survey, Roswell, New Mexico.

Very truly yours,

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

ALP/JEK/ig

cc: United States Geological Survey
Roswell, New Mexico

Commissioner of Public Lands
Santa Fe, New Mexico

October 10, 1962

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

Re: Proposed First and Second
Enlargements Gallup
Participating Area "A"
Gallegos Canyon Unit,
San Juan County, New Mexico

Attention: Mr. T. M. Curtis

Gentlemen:

The Commissioner of Public Lands has approved as of October 10, 1962, the Proposed First and Second Enlargements, Gallup Participating Area "A" for the Gallegos Canyon Unit, San Juan County, New Mexico.

We are forwarding ten approved copies to the Oil Conservation Commission for their consideration.

Very truly yours,

E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

BY:
(Mrs.) Marian M. Rhea, Supervisor
Unit Division

ESW/mm/v

cc: Oil Conservation Commission
Santa Fe, New Mexico

United States Geological Survey
Roswell, New Mexico

PAN AMERICAN PETROLEUM CORPORATION

P. O. Box 480, Farmington, New Mexico
October 5, 1962

File: M-896-416

Subject: Proposed First and
Second Enlargements
Gallup Participating Area "A"
Gallegos Canyon Unit
San Juan County, New Mexico

Commissioner of Public Lands
State of New Mexico
Land Office Building
Santa Fe, New Mexico

Attention: Mrs. Marian Rhea

Gentlemen:

Attached is Pan American Petroleum Corporation's proposed First and Second Enlargements to Gallup Participating Area "A" of the Gallegos Canyon Unit. If this proposal meets with your approval, please execute all copies and send them to the Oil Conservation Commission, State of New Mexico.


By copy of this letter to the Oil Conservation Commission, we request that upon their approval they in turn execute all copies and send them to the Oil and Gas Supervisor, United States Geological Survey.

By copy of this letter to the United States Geological Survey, we request that upon approval they return to Pan American Petroleum Corporation, Box 480, Farmington, four fully executed copies. We will then transmit one fully executed copy of the enlargements to the Commissioner of Public Lands and the Oil Conservation Commission.

In this manner the files of each agency will contain a fully executed copy.

Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION


T. M. Curtis
District Superintendent

CKD:en
Attach.

cc: Oil Conservation Commission
State of New Mexico
Santa Fe, New Mexico

The Oil and Gas Supervisor
United States Geological Survey
Roswell, New Mexico

COPY

PAN AMERICAN PETROLEUM CORPORATION

P. O. Box 480, Farmington, New Mexico
October 3, 1962

File: N-886-416

Subject: Proposed First and Second
Enlargements of Gallup
Participating Area "A"
Gallegos Canyon Unit
San Juan County, New Mexico

RECEIVED
OCT 16 1962
U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

Director
United States Geological Survey
P. O. Drawer 1857
Roswell, New Mexico

Oil Conservation Commission
State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Commissioner of Public Lands
State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

All Working Interest Owners
Gallegos Canyon Unit
(See Attached Addressee List)

Gentlemen:

Pan American Petroleum Corporation, as Unit Operator for the Gallegos Canyon Unit, respectfully submits for your approval the First and Second Enlargements of Gallup Participating Area "A" for the Gallegos Canyon Unit.

The proposed First Enlargement of the Gallup Participating Area "A" consists of 160 acres and is described as follows:

N/2 SW/4, SE/4 SW/4, & SW/4 SE/4
Section 24

T-28-N, R-12-W

The proposed Second Enlargement of the Gallup Participating Area "A" consists of 160 acres and is described as follows:

E/2 NW/4 & W/2 NE/4 Section 25

T-28-N, R-12-W

Total acreage in the Gallup Participating Area "A" after the First and Second Enlargements is 520 and 680 acres, respectively, as shown on the attached Ownership Schedules, Exhibit "B", which describe and show the ownership of acreage in the Gallup Participating Area "A" after the First and Second Enlargements.

It is proposed that the effective dates for the First and Second Enlargements of Gallup Participating Area "A" be June 1, 1962, and July 1, 1962, respectively. These effective dates were based on the completion dates of Gallegos Canyon Unit Well Nos. 125 and 123, respectively, the wells on which the enlargements were predicated. Two additional wells, Gallegos Canyon Unit Well Nos. 126 and 128, have been drilled in Sections 23 and 25, respectively, and if these wells prove capable of producing in paying quantities, acreage in

Page 2
U.S. Geological Survey
Commissioner of Public Lands
Oil Conservation Commission
All Working Interest Owners
Gallegos Canyon Unit


October 3, 1962
File: N-886-416
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Enlargements of Gallup
Participating Area "A"
Gallegos Canyon Unit
San Juan County, New Mexico

the vicinity of each of the wells will be submitted as the next enlargements to Gallup Participating Area "A".


The attached map, Exhibit "A", shows the Initial and the proposed First and Second Enlargements of the Gallup Participating Area "A". Also attached is an Engineering and Geological Report, including isopach map, to support the First and Second Enlargements of Gallup Participating Area "A" and reasonably prove the acreage in the enlargements is productive of unitized substances in paying quantities from the Gallup formation.

Yours very truly,


PAN AMERICAN PETROLEUM CORPORATION


T. M. Curtis
District Superintendent


JRK:en
Attach.


APPROVED: _____
Director, United States Geological Survey
(Subject to like approval by appropriate
State Officials)

DATE: NOV 1, 1962


APPROVED: _____
Commissioner of Public Lands
(Subject to like approval by U.S.G.S.
and Oil Conservation Commission)

DATE: October 10, 1962


APPROVED: _____
Oil Conservation Commission
(Subject to like approval by U.S.G.S.
and Commissioner of Public Lands)

DATE: Oct 15, 1962

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

247

September 19, 1962

C
O
P
Y

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

Attention: Mr. T. M. Curtis

Re: Second Enlargement Area "C"
Gallup Participating Area
Gallegos Canyon Unit, San
Juan County, New Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Second Enlargement of Area "C" Gallup Participating Area for the Gallegos Canyon 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 application are returned herewith.

Very truly yours,

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

ALP/JEK/ig

cc: Commissioner of Public Lands
Santa Fe, New Mexico

United States Geological Survey
Roswell, New Mexico

Drawer 1857
Roswell, New Mexico

September 5, 1962

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

Attention: Mr. T. M. Curtis

Gentlemen:

Your application of June 14 for approval of the initial, first, and second revisions of the Gallup "B" participating area and the initial and first revision of the Gallup "C" participating area for the Gallagos Canyon unit, San Juan County, New Mexico, was approved by the Acting Director, U. S. Geological Survey, on August 24, 1962.

In the future, please follow the 1961 instructions to proponents in preparing participating area applications and show in the application the number of acres in each revision (non-committed and committed) and pertinent well data.

Returned herewith are five approved copies of the application. It is assumed that you will furnish the State of New Mexico and other interested principals with evidence of this approval.

Very truly yours,

(Orig. Sgd.) JOHN A. ANDERSON

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

Copy to: Washington (ltr. only)
Farmington (w/app. cy. appln.)
BLM - Santa Fe (w/app. cy. appln.)
Comm. Pub. Lands - Santa Fe (ltr. only)
N.M.O.C.C. - Santa Fe (ltr. only) ✓

SEP 11 1962

September 4, 1962

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

**Re: Gallegos Canyon Unit,
San Juan County,
New Mexico, Second
Enlargement Area "C"
Gallup Participating
Area**

Attention: Mr. T.M. Curtis

Gentlemen:

The Commissioner of Public Lands approved as of September 4, 1962, the Second Enlargement of the Gallup Participating Area "C" for the Gallegos Canyon Unit, San Juan County, New Mexico, subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

We are returning one approved copy. Please notify us when full approval is obtained.

Very truly yours,

**E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS**

BY:

**(Mrs.) Marian M. Rhea, Supervisor
Unit Division**

ESW/mmz/v

**cc: Oil Conservation Commission
Santa Fe, New Mexico**

**United States Geological Survey
Roswell, New Mexico**

PAN AMERICAN PETROLEUM CORPORATION

P. O. Box 480, Farmington, New Mexico
August 23, 1962

File: N-749-416

Subject: Proposed Second Enlargement of
Gallup Participating Area "C"
Gallegos Canyon Unit
San Juan County, New Mexico

Director
United States Geological Survey
P. O. Drawer 1857
Roswell, New Mexico

Oil Conservation Commission
State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Commissioner of Public Lands
State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

All Working Interest Owners
Gallegos Canyon Unit
(See Attached Addressee List)

Gentlemen:

Pan American Petroleum Corporation, as Unit Operator for the Gallegos Canyon Unit, respectfully submits for your approval the Second Enlargement of Gallup Participating Area "C" for the Gallegos Canyon Unit.

The proposed Second Enlargement of the Gallup Participating Area "C" consists of 388.75 acres and is described as follows:

SE/4 SE/4 Section 24; N/2 NW/4 & NE/4 Section 25	T-28-N, R-13-W
SW/4 SW/4 Section 19; W/2 NW/4 Section 30	T-28-N, R-12-W

Total acreage in the Gallup Participating Area "C" after this enlargement is 1628.75 acres as shown on the attached Ownership Schedule which describes and shows the ownership of acreage in Gallup Participating Area "C" after the Second Enlargement.

It is proposed that the effective date for the Second Enlargement of Gallup Participating Area "C" be March 1, 1962. This effective date was based on the completion date of Gallegos Canyon Unit No. 120, the well on which the enlargement was predicated. The next proposed well is to be located in the NE/4 SE/4 Section 24 and if capable of producing in paying quantities, acreage in the vicinity of the well will be admitted as the next enlargement to Gallup Participating Area "C".

The attached map, Exhibit "A", shows the proposed Second Enlargement of the Gallup Participating Area "C" and other proposed participating

Page 2

U. S. Geological Survey
Commissioner of Public Lands
Oil Conservation Commission
All Working Interest Owners

August 23, 1962

File: N-749-416
Subject: Proposed Second Enlargement of
Gallup Participating Area "C"
Gallegos Canyon Unit
San Juan County, New Mexico

areas in the Gallegos Canyon Unit. Also attached is an Engineering and Geological Report, including an isopach map, to support the Second Enlargement of Gallup Participating Area "C" and prove the acreage in the Second Enlargement is productive of unitized substances in paying quantities from the Gallup formation.

Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION

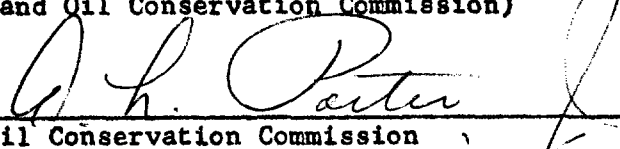


T. M. Curtis
District Superintendent

JRK:en
Attach.

Approved: _____ Date: _____
Director, United States Geological Survey
(Subject to like approval by appropriate
State Officials)

Approved: _____ Date: _____
Commissioner of Public Lands
(Subject to like approval by U.S.G.S.
and Oil Conservation Commission)

Approved:  _____ Date: 9-19-62
Oil Conservation Commission
(Subject to like approval by U.S.G.S.
and Commissioner of Public Lands)

MAILING LIST OF WORKING INTEREST OWNERS
GALLEGOS CANYON UNIT AREA
SAN JUAN COUNTY, NEW MEXICO

American Petrofina Co. of Texas
P. O. Box 2159
Dallas 21, Texas
Attention: Mr. Wilkin, Prod. Dept.

American Petrofina Co. of Texas
P. O. Box 2159
Dallas 21, Texas
Attention: Mr. Deewall, Land Dept.

Mary Roberts Berry
208 E. Washington Street
Washington, Iowa

Tom Bolack
1010 North Dustin
Farmington, New Mexico

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

B. H. and Dyvena Crawford
Bloomfield, New Mexico

Delta Oil Company of Utah
c/o Universal Minerals, Inc.
1126 Mercantile Securities Bldg.
Dallas 1, Texas

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas
Attention: Land Department

Mr. Olen F. Featherstone
Roswell Petroleum Building
Roswell, New Mexico

Ernest A. Hanson
P. O. Box 1515
Roswell, New Mexico

L. B. Hodges
P. O. Box 1558
Roswell, New Mexico

Elma R. Jones
764 Twentieth Avenue
San Francisco, California

Locke-Taylor Drilling Company
801 Second Avenue
Durango, Colorado

Petro-Atlas, Inc.
2000 National Bank of Tulsa Building
Tulsa, Oklahoma

John J. Redfern, Jr.
P. O. Box 1747
Midland, Texas

H. K. Riddle
644 East Barcelona Rd.
Santa Fe, New Mexico

John H. Trigg
P. O. Box 520
Roswell, New Mexico

Texas Pacific Coal & Oil Company
P. O. Box 2110
Fort Worth 1, Texas
Attention: Mr. R. W. Hines

Skelly Oil Company
P. O. Box 1650
Tulsa 2, Oklahoma
Attention: Mr. R. G. Hiltz

Skelly Oil Company
P. O. Box 38
Hobbs, New Mexico
Attention: Mr. H. E. Aab

Wood Oil Company
Room 800 - Midstates Building
Tulsa, Oklahoma

Texaco, Inc.
P. O. Box 2100
Denver, Colorado

Sunray DX Oil Company
Fourth Floor, 101 University Building
Cherry Creek Center
Denver 6, Colorado
Attention: Mr. A. W. Wadman, Jr.

Aztec Oil and Gas Company
920 Mercantile Securities Building
Dallas 1, Texas
Attention: Mr. H. L. Snider, Jr.

Southern Union Production Company
Fidelity Union Tower Building
1507 Pacific Avenue
Dallas 1, Texas
Attention: Mr. A. M. Wiederkehr

National Drilling Company, Inc.
4810 N. Kenneth Avenue
Chicago 30, Illinois

Diversa, Inc.
633 Meadows Building
Dallas 6, Texas

The Atlantic Refining Co. (3)
Suite 760, Petroleum Club Building
110 - 16th Street
Denver 2, Colorado

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

Marie C. Anderson
372 Euclid Avenue
Oakland, California

Agnes L. Fulsaaas
1807 78th Avenue
Oakland, California

Arthur B. Johnson
1114 Laurel Drive
Lafayette, California

Harold K. Johnson
1118 Laurel Drive
Lafayette, California

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

247

July 25, 1962

C
O
P
Y

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

Attention: Mr. T. M. Curtis

Re: First & Second Enlargements,
Gallup Participating Area "B"
& First Enlargement, Gallup
Participating Area "C",
Gallegos Canyon Unit, San
Juan County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the First & Second Enlargements, Gallup Participating Area "B" and the First Enlargement, Gallup Participating Area "C" for the Gallegos Canyon 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.

The redesignation of the Initial Gallup Participating Area as Area "A" has been noted and the First Enlargement of the Gallup Participating Area has been voided as per request.

Nine approved copies of the proposed enlargements are being forwarded to the United States Geological Survey, Roswell, New Mexico.

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

June 25, 1962

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

**Re: Proposed Gallup Participating
Area B, with First and Second
Enlargements and Gallup
Participating Area "C" with
First Enlargement, Gallegos
Canyon Unit, San Juan County,
New Mexico**

Attention: Mr. T. M. Curtis

Gentlemen:

We have received your Proposed Gallup Participating Area "B" with First and Second Enlargements together with the Gallup Participating Area "C" with the First Enlargement for the Gallegos Canyon Unit Area, San Juan County, New Mexico and the Commissioner of Public Lands approved these participating areas as of June 24, 1962, subject to like approval by the U. S. Geological Survey and the Oil Conservation Commission.

We have redesignated the Initial Gallup Participating Area as the Initial Gallup Participating Area "A" as you have requested.

Your application for the First Enlargement of the Gallup Participating Area dated August 25, 1961, has been voided as you have requested.

We are handing ten copies of these Proposed Participating Areas "B" and "C" to the Oil Conservation Commission for their consideration.

Pan American Petroleum Corporation
P. O. Box 480
Farmington, New Mexico
June 25, 1962
(Page 2)

Very truly yours,

E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

BY:
(Mrs.) Marian M. Rhea, Supervisor
Unit Division

ESW/mm/v
cc: Oil Conservation Commission
Santa Fe, New Mexico

U. S. Geological Survey
Rmwell, New Mexico