

SETH, MONTGOMERY, FEDERICI & ANDREWS

ATTORNEYS AND COUNSELORS AT LAW

301 DON GASPAR AVENUE
SANTA FE, NEW MEXICO

J. O. SETH
COUNSEL

POST OFFICE BOX 828
TELEPHONE YU 3-7315

A. K. MONTGOMERY
WM. FEDERICI
FRANK ANDREWS
FRED C. HANNAHS
GEORGE A. GRAHAM, JR.
RICHARD S. MORRIS

November 23, 1962

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

Gentlemen:

Enclosed is our entry of appearance as resident counsel
for Aztec Oil and Gas Company in case No. 2710,
scheduled for hearing on Monday, November 26, 1962.

Yours truly,



RSM:nm

Encl.

BEFORE THE OIL CONSERVATION
COMMISSION OF NEW MEXICO

APPLICATION OF AZTEC OIL AND GAS
COMPANY FOR APPROVAL OF A UNIT
AGREEMENT, SAN JUAN COUNTY, NEW
MEXICO.

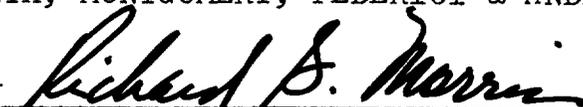
No. 2710

ENTRY OF APPEARANCE

Seth, Montgomery, Federici & Andrews hereby enters an appearance in this cause as resident counsel for Aztec Oil and Gas Company. Mr. Kenneth A. Swanson of the Dallas, Texas bar will appear and present the case for the applicant.

SETH, MONTGOMERY, FEDERICI & ANDREWS

By


Attorneys for Aztec Oil and Gas
Company

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

2710

March 27, 1963

**Astec Oil & Gas Company
920 Mercantile Securities Building
Dallas 1, Texas**

Attention: Mr. Kenneth A. Swanson

**Re: Certificate of Effectiveness
Astec Totah-Gallup Unit, San
Juan County, New Mexico**

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved your certificate of effectiveness for the Astec Totah-Gallup 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 certificate are returned herewith, and request that this office be furnished one fully executed copy.

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**

C
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MAIL ROOM OCC

969 MAR 4 PM 1:35

2710

February 28, 1963

**Astec Oil & Gas Company
920 Mercantile Securities Building
Dallas 1, Texas**

**Re: Certificate of Effect-
iveness. Astec-Totah
Gallup Unit. San Juan
County, New Mexico**

Attention: Mr. Kenneth A. Swanson

Gentlemen:

**The Commissioner of Public Lands has approved
your certificate of effectiveness for the Astec-Totah
Gallup Unit, which became effective as of January 1,
1963.**

**We are returning nine approved copies and request
we be furnished one fully executed copy.**

Very truly yours,

**E. S. Johnny Walker
COMMISSIONER OF PUBLIC LANDS**

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

ESW/mar/e

**encl: United States Geological Survey
cc: Roswell, New Mexico**

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

AZTEC OIL & GAS COMPANY

920 MERCANTILE SECURITIES BLDG.

DALLAS 1, TEXAS

1963 MAR 11 AM 11:14

March 7, 1963

LAND DEPARTMENT

H. L. SNIDER, JR., MANAGER
KENNETH A. SWANSON, ATTORNEY
GORDON E. COE, ATTORNEY

Mr. A. L. Porter, Jr., Secretary-Director
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Re: Certificate of Effectiveness
Aztec-Totah Gallup Unit
San Juan County, New Mexico

Dear Mr. Porter:

Enclosed are nine copies of a Certificate of Effectiveness with respect to the subject Unit. If these are in order, please approve and return all nine copies. After approval by the United States Geological Survey, a fully executed copy will be furnished to you for your files.

Thank you for your cooperation.

Yours very truly,

Kenneth A. Swanson

KAS/et
Enclosures

AZTEC OIL & GAS COMPANY

MAIN OFFICE OCC

920 MERCANTILE SECURITIES BLDG.

DALLAS 1, TEXAS
February 4, 1963 FEB 6 AM 8:16

LAND DEPARTMENT
H. L. SNIDER, JR., MANAGER
KENNETH A. SWANSON, ATTORNEY
GORDON E. COE, ATTORNEY

2710

Mr. A. L. Porter, Jr., Secretary-Director
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Re: Aztec-Totah Gallup Unit
San Juan County, New Mexico

Dear Mr. Porter:

Enclosed is a copy of the Consent, Ratification and Joinder to Unit Agreement for the subject unit executed by E. W. and Bernice C. Fawkes. Article 33 of the Unit Agreement provides that a party may commit his interest on the same terms provided in the Unit Agreement within six months from the effective date of the Unit. Aztec Oil and Gas Company owns the working interest under the tracts to which the Fawkes' interest pertains.

With the committment of the Fawkes interest one hundred percent of the owners within the Unit Area have committed their interest to the Unit. Accordingly the original Exhibit "B" to the Unit Agreement correctly sets forth the ownership within the Unit Area.

Should you require any additional information please let me know.

Yours very truly,

Kenneth A. Swanson

KAS:lf

111065

PLATE OFFICE FILE

ASSISTANT COMMISSIONER OF THE LAND DEPARTMENT
1963 FEB 17
DEED, RATIFICATION AND JOINDER TO UNIT AGREEMENT FOR
THE DEVELOPMENT AND OPERATION OF THE
ASTEC-TOTAH GALLUP UNIT
SAN JUAN COUNTY, NEW MEXICO

KNOW ALL MEN BY THESE PRESENTS THAT:

WHEREAS, each of the undersigned hereby acknowledges receipt of a true and correct copy of that certain Agreement dated May 1, 1962, entitled "Unit Agreement for the Development and Operation of the Astec-Totah Gallup Unit Area, County of San Juan, State of New Mexico", which said Agreement is hereinafter referred to as the Unit Agreement; and,

WHEREAS, Exhibits "A" and "B", attached to and made a part of said Unit Agreement, identify the separately owned tracts which may become a part of the Astec-Totah Gallup Unit as initially constituted, depending upon whether such tracts qualify for inclusion therein as provided in said Agreement; and,

WHEREAS, each of the undersigned represents that he is a Royalty Owner, as defined in said Unit Agreement, in one or more of the tracts identified in said Exhibits; and,

WHEREAS, the undersigned desire to consent to a program of pressure maintenance by injecting water into the Gallup formation underlying the Unit Area in order to better develop the Unit Area; and,

WHEREAS, each undersigned Royalty Owner, being familiar with the contents thereof, desires to ratify, confirm and consent to said Unit Agreement;

NOW, THEREFORE, in consideration of the execution or ratification of the Unit Agreement, by the other parties having interests in the Astec-Totah Gallup Unit Area, each of the undersigned, to the extent of his particular ownership or interest, does hereby consent to the inclusion of said land within the unit area, defined in the Unit Agreement, and does hereby ratify, approve and adopt the terms of said Unit Agreement as fully as though the undersigned had executed the original Agreement and does agree that the terms of any lease or contract given by the undersigned or under which the undersigned claims an interest therein is extended and modified to the extent necessary so that the same conform to the terms of said Unit Agreement, and does further agree that the drilling and development requirements of all leases and other contracts in which his several rights and interests are created or defined shall be deemed fully performed by the performance of provisions of said Unit Agreement.

And further, this consent is given on the express understanding and agreement that the interest owned by the undersigned in production from the Unit Area shall be that listed in Exhibit "E", and is limited to the acreage shown in Exhibit "B" and listed in Exhibit "A" of the said Unit Agreement dated May 1, 1962.

ILLEGIBLE

This consent, ratification and joinder may be executed in any number of counterparts and each executed counterpart hereof shall have the same force and effect as to the party executing the same as if each and every party signing a counterpart hereof had signed the Unit Agreement and by the execution hereof, the undersigned does hereby acknowledge the incorporation hereof by reference of all the terms and provisions of said Unit Agreement and does hereby agree to alter such terms and provisions.

It is understood and agreed that the amendments to said Unit Agreement, relating wholly to working interest owners or which do not otherwise directly affect royalty owners or their interests, may be made if signed by all working interest owners.

IN WITNESS WHEREOF, each of the undersigned parties has executed this instrument on the date set forth below opposite his signature.

DATE: January 31, 1963
apt. D., 521 Cedar St, S.E.

Earl Jankes
E. W. JANKES

ADDRESS: Albuquerque, N.M.

DATE: January 31, 1963

Bernice C. Jankes
BERNICE C. JANKES

ADDRESS: _____

STATE OF NEW MEXICO)
) ss
County of Bernalillo)

On this 31st day of January, 1963, before me personally appeared E. W. JANKES and BERNICE C. JANKES, to me known to be the persons described in said who executed the foregoing instrument and acknowledged that they executed the same as their free act and deed.

Sam Dazzo
Notary Public

My Commission expires:

1-9-1966

ILLEGIBLE

OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

2710

April 6, 1964

**Astec Oil & Gas Company
920 Mercantile Securities Building
Dallas 1, Texas**

Attention: Mr. Prentice Watts

**Re: 1964 Plan of Operation
Astec Totah-Gallup Unit,
San Juan County, New
Mexico**

Gentlemen:

**This is to advise that the New Mexico Oil
Conservation Commission has this date approved the 1964
Plan of Operation for the Astec Totah-Gallup 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 here-
with.**

Very truly yours,

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

ALP/JEK/eg

**cc: Commissioner of Public Lands - Santa Fe
United States Geological Survey - Roswell**

C
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STATE OF TEXAS }
COUNTY OF DALLAS }

On this 11th day of February, 1963, before me appeared Quilman B. Davis, to me personally known, who being by me duly sworn did say that he is the Vice President of Aztec Oil & Gas Company, a corporation, and that the seal affixed to said instrument is a corporate seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors and the said Quilman B. Davis acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal on this the day and year first above written.

Naomi D. Langston
Notary Public in and for
Dallas County, Texas

My Commission Expires:

June 1, 1963

APPROVED:

Ed Miller
Commissioner of Public Lands
State of New Mexico

Date: February 8, 1963

James H. [Signature]
Supervisor ~~Department~~ United States
Geological Survey

Date: April 11, 1963

Oil Conservation Commission
State of New Mexico

By A. L. [Signature]

Date: 3-27-63

AZTEC OIL & GAS COMPANY

920 MERCANTILE SECURITIES BLDG.

DALLAS 1, TEXAS

1963 APR 23 AM 15

April 23, 1963

2710

LAND DEPARTMENT
H. L. SNIDER, JR., MANAGER
KENNETH A. SWANSON, ATTORNEY
GORDON E. COE, ATTORNEY

Mr. A. L. Porter, Jr., Secretary-Director
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Re: Aztec-Totah Gallup Unit
San Juan County, New Mexico

Dear Mr. Porter:

Please find enclosed a fully executed, approved copy of Certificate of Effectiveness relating to the captioned Unit.

Yours very truly,

Kenneth A. Swanson

KAS/ET
Enclosure

1000 MAR 21 AM 8 15 1963 APR 25 AM 8 25 FEB 21 1963

CERTIFICATE OF EFFECTIVENESS
 UNIT AGREEMENT
 AZTEC-TOTAH GALLUP UNIT
SAN JUAN COUNTY, NEW MEXICO

STATE OF NEW MEXICO)
)
 COUNTY OF SAN JUAN)

KNOW ALL MEN BY THESE PRESENTS:

THAT Aztec Oil & Gas Company, in its capacity as Unit Operator of the described Unit and pursuant to the terms and provisions of said Unit Agreement which is of record in Book 540, Page 120 of the Records of San Juan County, New Mexico, does hereby certify as follows, to-wit:

THAT, in accordance with Article 25 of said Unit Agreement, January 1, 1963 is hereby certified to be the effective date of said Unit Agreement.

THAT, each of the tracts shown on Exhibit "A" of the Unit Agreement and described on Exhibit "B" thereof has qualified for inclusion in the Unit Area under the provisions of Article 14 of said Agreement.

THAT, the only interests within the Unit Area which were not committed to the Unit on the effective date thereof have subsequently been committed as provided in Article 33 of said Unit Agreement; therefore,

2710

Drawer 1857
Roswell, New Mexico

April 11, 1963

Antec Oil & Gas Company
920 Mercantile Securities Building
Dallas 1, Texas

Attention: Mr. Kenneth Swanson

Gentlemen:

The Certificate of Effectiveness for the Antec-Totah Gallup unit agreement, San Juan County, New Mexico, has been approved by this office and distributed to the appropriate Federal offices. Five approved copies are attached.

Very truly yours,

(Orig. Sgd.) JOHN A. ANDERSON

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

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

MAIN OFFICE OCC

2710

1963 JAN 14
Drawer 1857
Albuquerque, New Mexico

January 10, 1963

**Antec Oil & Gas Company
920 Mercantile Securities Building
Dallas 1, Texas**

Attention: Mr. Kenneth A. Swanson

Gentlemen:

Your letter of January 8 transmits three copies of Exhibit B, Part 2, Schedule of Committed Tracts, filed pursuant to section 14 of the Astec Toteh-Gallup unit agreement, San Juan County, New Mexico.

The schedule is hereby approved subject to like approval by the appropriate State officials. Copies of the schedule are being distributed to the appropriate Federal offices.

Very truly yours,

[Orig. Sgd.] JOHN A. ANDERSON

**JOHN A. ANDERSON
Regional Oil and Gas Supervisor**

Copy to: Washington (w/cy sched.)
Farmington (w/cy sched.)
HBOCC - Santa Fe (ltr. only) ✓
Comm. Pub. Lands - Santa Fe (ltr. only)

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

December 3, 1962

**Mr. Kenneth A. Swanson
Attorney
Artec Oil & Gas Company
920 Mercantile Securities Building
Dallas 1, Texas**

Re: Case 2710, Order R-2383

Dear Ken:

I am enclosing herewith a copy of the above order approving the Artec Totah-Gallup Unit Agreement.

Please note that Paragraph 5 of the order contains the usual provision that an executed original of the agreement shall be filed with the Commission within 30 days after its effective date. This provision was inserted so that future applicants would not be misled by this order. As you filed an executed original with us at the hearing, it will not be necessary for you to forward any additional copies.

Very truly yours,

**JAMES M. DURRETT, Jr.,
Attorney**

JMD/esr
Enclosure

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OIL CONSERVATION COMMISSION

P. O. BOX 871
SANTA FE, NEW MEXICO

2710

January 17, 1963

**Astec Oil & Gas Company
920 Mercantile Securities Bldg.
Dallas 1, Texas**

Attention: Mr. Prentice R. Watts, Jr.

**Re: Plan of Operation
Astec Totah-Gallup Unit,
San Juan County, New Mexico**

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Plan of Operation effective through December 31, 1962 for the Astec Totah-Gallup 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.

One approved copy of the plan is 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**

C
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MAIN OFFICE OCC

1963 JAN 14 AM 8:10
October 1857
Roswell, New Mexico

January 10, 1963

Astec Oil & Gas Company
920 Mercantile Securities Building
Dallas 1, Texas

Attention: Mr. Prentice R. Watts, Jr.

Gentlemen:

Your initial plan of operation dated October 16, 1962, showing the injection pattern and covering operations through December 31, 1962, for the Astec Tetch-Gallup unit area, San Juan County, New Mexico, has been approved on this date subject to like approval by the appropriate State officials.

One approved copy of the plan is enclosed.

Very truly yours,

[Orig. Sgd.] JOHN A. ANDERSON

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

Copy to: Washington (w/cy of plan)
Farmington (w/cy of plan)
Comm. of Public Lands - Santa Fe (ltr. only)
RMOCC - Santa Fe (ltr. only) ✓

January 14, 1963

Astec Oil & Gas Company
920 Mercantile Securities Bldg.,
Dallas 1, Texas

Re: Astec Totah-Gallup Unit,
San Juan County,
New Mexico, Plan of
Operation

Attention: Mr. Prentice Watts

Gentlemen:

The Commissioner of Public Lands has approved your Initial Plan of Operation dated October 16, 1962.

This Plan covers operations on the Totah-Gallup Unit through December 31, 1962.

Our approval is subject to like approval by the U. S. Geological Survey, which was given by letter dated January 10, 1963.

We are returning two approved copies of this Plan of Development.

Very truly yours,

E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

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

ESW/mmr/v
cc: U. S. Geological Survey
Roswell, New Mexico

Oil Conservation Commission
Santa Fe, New Mexico

June - This will be OK
10/16/62
ARTEC OIL & GAS COMPANY
920 Mercantile Securities Bldg.
920 MERCANTILE SECURITIES BLDG.
DALLAS 1, TEXAS

2710

PRENTICE R. WATTS, JR.
GENERAL SUPERINTENDENT

October 16, 1962

Re: Plan of Operation
Aztec Totah-Gallup Unit
San Juan County, New Mexico

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

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

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

Gentlemen:

Pursuant to Section 11 of the Unit Agreement for the Development and Operation of the Aztec Totah-Gallup Unit Area, Aztec Oil & Gas Company as unit operator, respectively submits for your approval the following plan of operation for the subject unit.

1. The Aztec Totah-Gallup Unit plans to institute a pressure maintenance project by water injection within the unit area at the earliest possible date.
2. This pressure maintenance project will be operated in accordance with rules and regulations as set forth in Order R-2189 of the New Mexico Oil Conservation Commission.
3. The following wells will be converted from a producing status to a water injection status:

Smith "C" #1
SW SE
Section 18-29N-13W

Hagood No. 27-G
NE SW
Section 19-29N-13W

Hagood No. 28-G
NE NW
Section 30-29N-13W

Hagood No. 7-G
NE NE
Section 29-29N-13W

Hagood No. 16-G
NE SE
Section 29-29N-13W

October 16, 1962

4. Water wells located NE SE Section 20-29N-13W will furnish water for injection through a pipeline system as detailed on the attached map.
5. A cooperative water injection agreement has been negotiated with Pan American Petroleum Corporation providing for cooperative and equitable water injection along the west boundary through injection into Pan American No. 2 Navajo "H" located NE NE Sec. 24-29N-14W.
6. A cooperative water injection agreement with Tenneco Oil Company is currently being negotiated and will provide for cooperative and equitable water injection along the east boundary of this unit and will provide for injection into the Tenneco No. 1 Hagood-Federal located SW SW Section 21-29N-13W, Tenneco No. 18 Callow-Federal located SE NW Section 28-29N-13W and Tenneco No. 19 Callow-Federal located SW SW Section 28-29N-13W.
7. It is planned that water will be injected into wells along the unit boundaries at such time as offset operators are able to cooperatively inject water along the common lease boundaries.

This plan of operation will be effective through December 31, 1962.

Very truly yours,

Prentice Watts
Prentice Watts

PW:gta
Attachments

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: *G. L. Carter* _____ Date: *Jan 17, 1963*
Oil Conservation Commission
(Subject to like approval by U.S.G.S. and
Commissioner of Public Lands.)

cc: Working Interest Owners

R 14 W

R 13 W

Pan. Am.

Aztec

Tenneco

13

18

17

16

3-H

Navajo

Aztec

C-1

Fee

I-D

*

Aztec

Tenneco

Tenneco

4-H Pan Am

2-H

26-G

Aztec

Aztec Texaco

Aztec

Tenneco

Tenneco

6-H

24

7-H

25-G

J.

State

T-G-I

State

Fee

Fee

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I

AZTEC TOTAH UNIT BOUNDARY

27-G

23-G

21-G

20

Aztec

21

Navajo

24-G

Hagood Fed.

22-G

Hagood Fed.

20-G

Hagood Fed.

Hagood Fed.

Humble

28-G

Aztec

I-A

Aztec

17-G

Tenneco

T 29 N

15-L

Elliott Fed.

19-G

8-G

11

*

25

Aztec

30

29

16-G

18-G

28

14

13-L

29-G

Hagood Fed.

5

*

19

Callow Fed.

Navajo

Hagood Fed.

Hagood Fed.

Humble

4

Tenneco

Texaco

Pan Am

Texaco

Tenneco

Tenneco

8-L

3

12

*

36

Elliott Fed.

31

32

35

SWP

9-L

I-B

Fed.

1

Navajo

Fed.

2-7

11

Pan Am

Aspen

7

2

8

3

3-7

I-7

2

Holder Fed.

Fed.

Holder Fed.

**AZTEC TOTAH-GALLUP UNIT
Totah-Gallup Pool
San Juan County, New Mexico**

**Water Injection System
October 1, 1962**

- Gallup Oil Well
- ⊙ Water Injection Well
- ⊠ Water Supply Well
- △ Injection Plant

JLH
hold pending receipt of application for Unit agreement from Aztec Oil & Gas

LAW OFFICES OF
L. N. HAGOOD
502 503 WYOMING NATIONAL BANK BUILDING
P. O. BOX 966
CASPER, WYOMING
PHONE 234-4411

June 1, 1962

Commissioner of Public Lands,
Oil & Gas Conservation Commission
Attn: Hon. E. S. Johnny Walker, Land Commissioner
Mr. Daniel S. Nutter, Chief Engineer
P. O. Box 871
Santa Fe, New Mexico

Re: L. N. Hagood Original Lessee: SF-079065:
Proposed Aztec-Totah Gallup Unit, San Juan County:

Gentlemen:

Enclosed, herewith, is a copy of a letter to Aztec Oil & Gas Company, pointing out typographical errors, defects in omission, in the above-described proposed Unit Agreement, which you will be requested to approve.

I am calling your attention to them in order that you will require their correction before you approve the proposed Unit Agreement.

Will you please favor me with a reply advising me what action you will take in the matter?

Yours very truly,

L. N. Hagood
L. N. Hagood

DOCKET MAILED

Date 11-16-62

JLH

LNH:pjn

LAW OFFICES OF
L. N. H A G O O D
502-503 WYOMING NATIONAL BANK BUILDING
P. O. BOX 966
CASPER, WYOMING
PHONE 234-4411

June 1, 1962
Air Mail

Aztec Oil & Gas Company
Attn: Kenneth A. Swanson, Attorney
920 Mercantile Securities Building
Dallas 1, Texas

Re: L. N. Hagood Original Lessee: SF-079065:
Proposed Aztec-Totah Gallup Unit, San Juan County:

Gentlemen:

I have received, and have read, copy of your proposed Unit Agreement and Unit Operating Agreement, above described, which you transmitted with your letter of May 17, 1962.

This is to call to your attention the typographical error on page 3 of Exhibit "B", as to Tract No. 11, comprising the SW $\frac{1}{4}$ of Section 20, in which one of the overriding royalty owner's name is erroneously stated as "Margaret C. Hagood", when the correct name of record is "Mary C. Hagood".

How, when, by whom, and in what manner was the Brookhaven et al's 3.125% overriding royalty created? This is alleged, or listed in Schedule B, in Tract No. 11. Such Schedule, in addition to the 5% overriding royalty interest owned by L. N. Hagood and Mary C. Hagood states another overriding royalty as follows: "Brookhaven Oil Company and Dacresa Corporation, 3.125%".

As you are undoubtedly aware, the 5% overriding royalty in the L. N. Hagood lease SF-079065, is the original lessee's overriding royalty, excepted and reserved in the original Lease Assignment and Contract, and is not in any manner affected by, or subject to CFR 192.83, prohibiting the creating of overriding royalties in excess of 5%, if the daily average oil production, per well, is less than 15 barrels, and this regulation is breached by the said subsequently created Brookhaven et al's "overriding royalty of 3.125%", which your Company evidently later carved out of its working interest, and is now listed in this unit schedule as an unqualified senior overriding royalty, equal to, or superior to the Hagood overriding royalty.

Aztec Oil & Gas Company

June 1, 1962

Proposed Aztec-Totah Gallup Unit

(2)

We object to this Unit Agreement, and attached Schedules, being approved until said Schedules are corrected and amplified, so as not to create a cloud and an encumbrance on the Hagood royalty interest.

I will say, however, that the tract participation seems fair enough to me, if it is approved as presented in the Schedules submitted.

You did not send any counterpart pages for Ratification of said Unit Agreement for royalty owners. If you do send them, be sure that they are for ratification of the Unit Agreement only, and also evidence that the typographical error, and the specified defects in page 3 of Schedule B have been amended, and will not be approved unless amended accordingly.

I know these Federal and State unitization officials are indifferent to what unit promoters put into unit and operating agreements, as to royalty owners, but I insist on these necessary corrections being made before there is any approval.

Yours very truly,



L. N. Hagood

CC: Director, U. S. Geological Survey
Washington 25, D. C.

LNH:pjn

ARTEC OIL & GAS COMPANY

2710

920 MERCANTILE SECURITIES BLDG.

DALLAS 1, TEXAS

December 27, 1962

Mr. John A. Anderson
Regional Oil & Gas Supervisor
United States Geological Survey
P. O. Drawer 1857
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

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

Re: Artec-Totah Gallup Unit
San Juan County, New Mexico

Gentlemen:

This is to advise that the Unit Agreement for the above-captioned Unit was approved by the regulatory bodies on the following dates:

United States Geological Survey -	December 26, 1962
Commissioner of Public Lands -	November 30, 1962
Oil Conservation Commission -	November 30, 1962

As provided in Article 25, Effective Date and Term, of the Unit Agreement, the Unit shall become effective as of January 1, 1963. As provided in Article 14, Tracts Qualified for Unit Participation, of the Unit Agreement, a schedule of Tracts which have been qualified and are entitled to participate in the production from the Unit will be filed in the near future.

Copies of this letter are being sent to the Working Interest Owners of the Artec-Totah Gallup Unit.

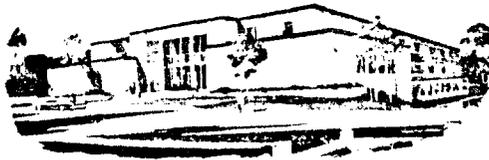
Yours very truly,

ORIGINAL SIGNED BY
KENNETH A. SWANSON

KAS/et

cc: Texaco, Inc.
Elliott, Inc.

State of New Mexico



Commissioner of Public Lands

July 13, 1981

ALEX J. ARMIJO
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

Paramount Petroleum Corporation
P. O. Box 22763
Houston, Texas 77027

5/1/0

Re: Aztec Totah Unit
San Juan County, New Mexico
RESIGNATION & DESIGNATION
OF UNIT OPERATOR

ATTENTION: Mr. Robert C. Whitworth

Gentlemen:

We are in receipt of your letter dated July 9, 1981, together with two copies of Resignation and Designation of Unit Operator for the Aztec Totah Unit, San Juan County, New Mexico.

The Commissioner of Public Lands hereby approves the Resignation of Southland Royalty Company and the selection of Paramount Petroleum Corporation as the successor unit operator. The effective date being October 10, 1980.

Enclosed is one approved copy for your files.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505-827-2748

AJA/RDG/s
encl. 1
cc;

OCD-Santa Fe, New Mexico ✓
USGS-Albuquerque, New Mexico

AZTEC OIL & GAS COMPANY

920 MERCANTILE SECURITIES BLDG.

DALLAS 1, TEXAS

EX 1 11

October 16, 1962

Case 2710

PRENTICE R. WATTS, JR.
GENERAL SUPERINTENDENT

Re: Plan of Operation
Aztec Totah-Gallup Unit
San Juan County, New Mexico

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

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

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

Gentlemen:

Pursuant to Section 11 of the Unit Agreement for the Development and Operation of the Aztec Totah-Gallup Unit Area, Aztec Oil & Gas Company as unit operator, respectively submits for your approval the following plan of operation for the subject unit.

1. The Aztec Totah-Gallup Unit plans to institute a pressure maintenance project by water injection within the unit area at the earliest possible date.
2. This pressure maintenance project will be operated in accordance with rules and regulations as set forth in Order R-2189 of the New Mexico Oil Conservation Commission.
3. The following wells will be converted from a producing status to a water injection status:

Smith "C" #1
SW SE
Section 18-29N-13W

Hagood No. 27-G
NE SW
Section 19-29N-13W

Hagood No. 28-G
NE NW
Section 30-29N-13W

Hagood No. 7-G
NE NE
Section 29-29N-13W

Hagood No. 16-G
NE SE
Section 29-29N-13W

*11-16-62 - 2286,
m.w. 11-16-62*

DOCKET MAILED

Date 11-16-62
9V

October 16, 1962

4. Water wells located NE SE Section 20-29N-13W will furnish water for injection through a pipeline system as detailed on the attached map.
5. A cooperative water injection agreement has been negotiated with Pan American Petroleum Corporation providing for cooperative and equitable water injection along the west boundary through injection into Pan American No. 2 Navajo "H" located NE NE Sec. 24-29N-14W.
6. A cooperative water injection agreement with Tenneco Oil Company is currently being negotiated and will provide for cooperative and equitable water injection along the east boundary of this unit and will provide for injection into the Tenneco No. 1 Hagood-Federal located SW SW Section 21-29N-13W, Tenneco No. 18 Callow-Federal located SE NW Section 28-29N-13W and Tenneco No. 19 Callow-Federal located SW SW Section 28-29N-13W.
7. It is planned that water will be injected into wells along the unit boundaries at such time as offset operators are able to cooperatively inject water along the common lease boundaries.

This plan of operation will be effective through December 31, 1962.

Very truly yours,

Prentice Watts
Prentice Watts

PW:gta
Attachments

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

cc: Working Interest Owners

R 14 W

R 13 W

Pan. Am.

Aztec

Tenneco

13

3

17

16

18

Aztec

I-D



Aztec

C-1



Fee

Aztec

Tenneco

Tenneco

3-H

Navajo

4-H Pan Am

2-H



26-G

Aztec

25-G

Aztec

I.

State

T-G-I

State

21-G

Fee

20

Aztec

Fee

24

6-H

Navajo

7-H

Navajo

27-G



19

Aztec

23-G

State

22-G

Fee

20-G

Fee

AZTEC TOTAH UNIT BOUNDARY

Navajo

24-G

Hagood Fed.

22-G

Hagood Fed.

20-G

Hagood Fed.

Tenneco

Hagood Fed.

Humble

28-G



Aztec

I-A

Hagood Fed.

17-G

Aztec

19-G

Hagood Fed.

8-G

Hagood Fed.

25

15-L

Humble

Aztec

30

Aztec

29

Aztec

18-G

Hagood Fed.

16-G

Hagood Fed.

18



11

Tenneco

14

Tenneco

28

13-L

Navajo

29-G

Hagood Fed.

Aztec

Hagood Fed.

19-G

Hagood Fed.

5

Aztec

19

Callow Fed.

Navajo

Hagood Fed.

Hagood Fed.

Callow Fed.

Humble

Tenneco

Texaco

Pan Am

Texaco

Tenneco

Tenneco

8-L

Humble

4

Tenneco

3

Tenneco

12

Tenneco

State

SWP

36

9-L

Navajo

I-B

Fed.

31

Tenneco

2

Tenneco

32

SWP

Navajo

Fed.

Pan Am

2-7

Aspen

7

3-7

Fed.

11

Pan Am

8

Holder Fed.

2

Holder Fed.

3

Holder Fed.

**AZTEC TOTAH-GALLUP UNIT
Totah-Gallup Pool
San Juan County, New Mexico**

**Water Injection System
October 1, 1962**

- Gallup Oil Well
- ⊙ Water Injection Well
- ◻ Water Supply Well
- △ Injection Plant



United States Department of the Interior

3100 (010-17)

BUREAU OF LAND MANAGEMENT

505 Marquette Avenue N.W., Suite 815

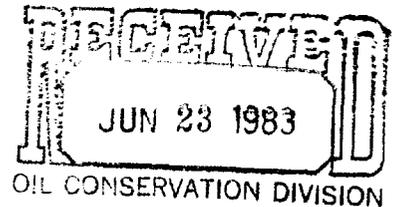
Albuquerque, New Mexico 87102

IN REPLY
REFER TO:

#2710

21 JUN 1983

Paramount Petroleum Corporation
Attention: Mr. Robert C. Whitworth
P. O. Box 22763
Houston, Texas 77027



Gentlemen:

The Aztec-Totah Gallup unit agreement, No. 14-08-0001-8488, San Juan County, New Mexico, was approved effective January 1, 1963. The unit covers 2,246.16 acres in sections 18, 19, 20, 29, and 30, T. 29 N., R. 13 W., N.M.P.M., and unitized the Gallup formation. The term of the unit agreement is for so long as unitized substances can be produced or diligent operations are in progress.

Our records show that the last reported production from the Aztec-Totah unit was August 1982. By letter dated January 27, 1983, notice was given by our office in Farmington, New Mexico, that production tests be conducted and evidence provided to show that the unit was capable of producing in paying quantities and to continue sustained production. To date, no evidence has been submitted to show that the unit is capable of production in paying quantities.

As previously advised by the District Manager's letter dated May 13, 1983, the Aztec-Totah Gallup unit is hereby terminated effective June 15, 1983. You are requested to notify all interested parties of this action. We are sending a copy of this letter to all affected Federal offices and to the appropriate state officials.

Sincerely yours,

James W. Shelton
Assistant District Manager
for Minerals

cc:
Southland Royalty Company
P. O. Box 570
Farmington, New Mexico 87499

Note to NMSO: Leases NM-06093 and SF-07965 which were committed to the Aztec-Totah unit agreement should be considered for two-year extensions pursuant to 43 CFR 3107.5

cc:
Comm. of Pub. Lands
NMOCD, Santa Fe ✓
BLM, MS 410
NMSO (920)
Farmington RA
Roy. Mgmt., Alb.
Roy. Mgmt., Roswell
Roy. Mgmt., Denver

MAIL OFFICE 000

868 MAR 4 PM 1 35

March 4, 1963

Aztec Oil & Gas Company
920 Mercantile Securities Building
Dallas 1, Texas

Re: Plan of Operation,
Aztec Totah-Gallup
Unit, San Juan County,
New Mexico

Attention: Mr. Prentice Watts

Gentlemen:

The Commissioner of Public Lands has approved as of March 4, 1963, your Plan of Operation for the Aztec Totah Unit Area, San Juan County, New Mexico, subject to like approval by the United States Geological Survey.

This Plan of Operation is for the period through December 31, 1963.

We are returning one approved copy of this Plan of Operation and request we be notified when fully approved.

Very truly yours,

E. S. Johnny Walker
COMMISSIONER OF PUBLIC LANDS

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

ESW/mmr/e

encl: United States Geological Survey
cc: Roswell, New Mexico

Oil Conservation Commission
Santa Fe, New Mexico

State of New Mexico



JIM BACA
COMMISSIONER

Commissioner of Public Lands
July 18, 1983

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

Paramount Petroleum Corporation
P. O. Box 22763
Houston, Texas 77027

Re: Termination
Aztec-Totah Gallup Unit Agreement
San Juan County, New Mexico

ATTENTION: Mr. Robert C. Whitworth

2710

Gentlemen:

The Bureau of Land Management has notified this office by letter dated June 21, 1983, that the Aztec-Totah Gallup Unit Agreement has been terminated for failure to produce unitized substances in paying quantities.

Please be advised that the Commissioner of Public Lands has this date also terminated the Aztec-Totah Gallup Unit Agreement for non production effective June 15, 1983.

Please notify all interested parties of this action.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
cc:

OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico
BLM-Roswell, New Mexico

2710

November 30, 1962

Artec Oil & Gas Company
920 Mercantile Securities Bldg.,
Dallas 1, Texas

Attention: Mr. K. A. Swanson

Re: Artec Totah-Gallup
Unit, San Juan County,
New Mexico

Gentlemen:

The Commissioner of Public Lands has approved as of November 30, 1962, the Artec Totah-Gallup Unit, San Juan County, New Mexico.

We are enclosing eleven (11) copies of the Certificate of Approval and Official Receipt No. G 4299 in the amount of Twenty-five (\$25.00) Dollars, filing fee for this Unit.

Also enclosed is one copy of the Unit Agreement with ratifications attached, these ratifications were incomplete. We have kept one set of these ratifications.

A copy of the Unit Operating Agreement is also enclosed.

Very truly yours,

E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

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

ESW/mar/v

cc: Oil Conservation Commission
Santa Fe, New Mexico

U. S. Geological Survey
P. O. Drawer 1857
Roswell, New Mexico

OIL CONSERVATION COMMISSION

**P. O. BOX 871
SANTA FE, NEW MEXICO**

2710

March 27, 1963

**Astec Oil & Gas Company
920 Mercantile Securities Building
Dallas 1, Texas**

Attention: Mr. Emotion Matte

**Re: 1963 Plan of Operation
Astec Totah-Gallup 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 Operation for the Astec Totah-Gallup 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**

J
O
P
Y

Drawer 1857
Roswell, New Mexico

1963 MAR 11 11 41 AM '63

March 6, 1963

Astec Oil & Gas Company
920 Mercantile Securities Building
Dallas 1, Texas

Attention: Mr. Prantice R. Watts, Jr.

Gentlemen:

Your plan of operation dated February 22, 1963, covering operations through December 31, 1963, for the Astec Totah-Gallup unit area, San Juan County, New Mexico, has been approved on this date subject to like approval by the appropriate State officials.

One approved copy of the plan is enclosed. Please submit four copies each of the cooperative agreements referred to in items 5 and 6 of the plan of operation since approval of border agreements is required by sec. 38 of the Astec Totah-Gallup unit agreement.

Very truly yours,

(Orig.Sgd.) CARL C. TRAYWICK

CARL C. TRAYWICK
Acting Oil and Gas Supervisor

Copy to: Washington (w/cy of plan)
Farmington (w/cy of plan)
Com. Pub. Lands-Santa Fe (ltr. only)
N.M.O.C.C.-Santa Fe (ltr. only)

AZTEC OIL & GAS COMPANY

920 MERCANTILE SECURITIES BLDG.
DALLAS 1, TEXAS

RECEIVED
FEB 20 1 26 PM

PRENTICE R. WATTS, JR.
GENERAL SUPERINTENDENT

February 20, 1963

Re: Plan of Operation
Aztec Totah-Gallup Unit
San Juan County, New Mexico

Regional Oil and Gas Supervisor
United States Geological Survey
Post Office Drawer 1857
Roswell, New Mexico

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

Secretary-Director
State of New Mexico
Oil Conservation Commission
Post Office Box 871
Santa Fe, New Mexico

Gentlemen:

Pursuant to Section 11 of the Unit Agreement for the Development and Operation of the Aztec Totah-Gallup Unit Area, Aztec Oil & Gas Company, as unit operator, respectively submits for your approval the following plan of operation for the subject unit.

1. The Aztec Totah-Gallup Unit was effective January 1, 1963. A pressure maintenance project by water injection is now in operation.
2. This pressure maintenance project will be operated in accordance with rules and regulations as set forth in Order R-2189 of the New Mexico Oil Conservation Commission.
3. The following wells have been converted from a producing status to a water injection status:

Aztec Totah Unit Well #16
(Formerly Smith "C" #1)
SW SE
Section 18-T29N-R13W

Aztec Totah Unit Well #1
(Formerly Hagood #7)
NE NE
Section 29-T29N-R13W

Aztec Totah Unit Well #14
(Formerly Hagood #27)
NE SW
Section 19-T29N-R13W

Aztec Totah Unit Well #3
(Formerly Hagood #16)
NE SE
Section 29-T29N-R13W

Aztec Totah Unit Well #15
(Formerly Hagood #28)
NE NW
Section 30-T29N-R13W

February 22, 1963

4. Water wells located NE SE Section 20-29N-13W furnish water for injection through a pipeline system as detailed on the attached map.

5. A cooperative water injection agreement has been negotiated with Pan American Petroleum Corporation providing for cooperative and equitable water injection along the west boundary through injection into the following wells:

Pan American #2 Navajo "H"	Aztec Totah Unit Well #14
NE NE	NE SW
Section 24-T29N-R14W	Section 19-T29N-R13W

6. A cooperative water injection agreement with Tenneco Oil Company has been negotiated providing for cooperative and equitable water injection along the east boundary of this unit through injection into the following wells:

Tenneco #1 Hagood Federal	Aztec Totah Unit Well #1
SW SW	NE NE
Section 21-T29N-R13W	Section 29-T29N-R13W

Tenneco #18 Callow	Aztec Totah Unit Well #3
SE NW	NE SE
Section 28-T29N-R13W	Section 29-T29N-R13W

Tenneco #19 Callow
SW SW
Section 28-T29N-R13W

7. It is planned to continue water injection into the aforementioned wells consistent with prudent operating practices. Additional injection wells are not contemplated at this time.

This plan of operation will be effective through December 31, 1963.

Very truly yours,

Prentice Watts
Prentice Watts

PW:bj

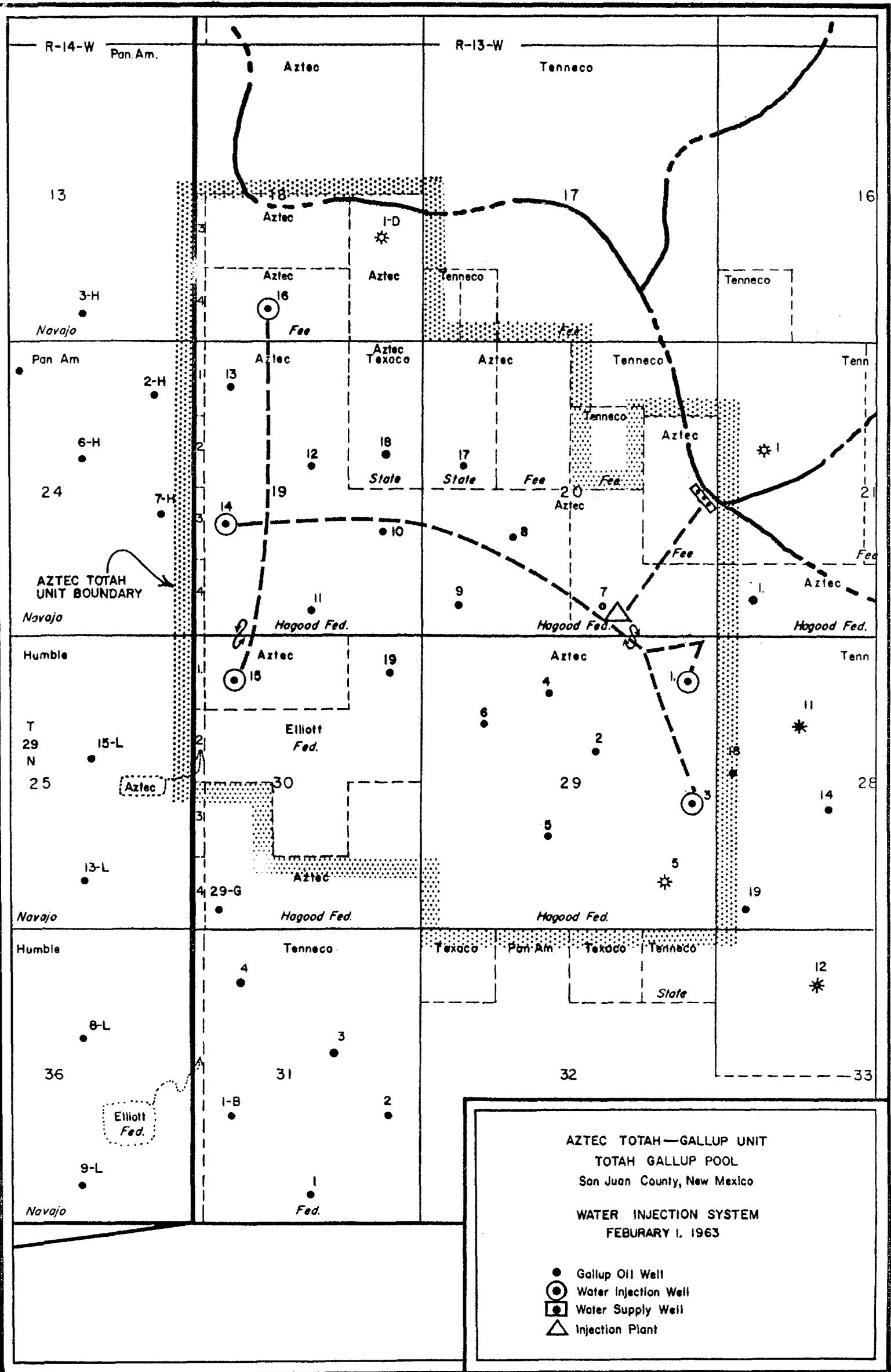
Attachments

Approved: _____ Date: _____
 Regional Supervisor, 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: *A.L. Porter* Date: 3-27-63
 Oil Conservation Commission
 (Subject to like approval by U.S.G.S. and
 Commissioner of Public Lands.)

cc: Working Interest Owners



MAIN OFFICE OCC

1964 MAR 16 AM 8:06

Box 1857
Roswell, New Mexico 88201

March 13, 1964

Astec Oil & Gas Company
920 Mercantile Securities Building
Dallas 1, Texas

Attention: Mr. Prentice Watts

Gentlemen:

Your plan of operation, dated March 3, 1964, for the Astec Totah-Gallup unit area, San Juan County, New Mexico, has been approved on this date subject to like approval by the appropriate State officials.

One approved copy of the plan is enclosed.

Sincerely yours,

(ORIG. SGD.) JOHN A. ANDERSON

JOHN A. ANDERSON
Regional Oil & Gas Supervisor

cc:

Washington (w/cy of plan)
Farmington (w/cy of plan)
Com. Pub. Lands - Santa Fe (ltr. only)
N.M.O.C.C. - Santa Fe (ltr. only)✓

AZTEC OIL & GAS COMPANY

MAIN OFFICE OCC

920 MERCANTILE SECURITIES BLDG.
DALLAS 1, TEXAS

1964 MAR 5 PM 1:29

PRENTICE R. WATTS, JR.
GENERAL SUPERINTENDENT

March 3, 1964

Re: Plan of Operation - 1964
Aztec Totah-Gallup Unit
San Juan County, New Mexico

Regional Oil and Gas Supervisor
United States Geological Survey
Post Office Drawer 1857
Roswell, New Mexico

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

Secretary-Director
State of New Mexico
Oil Conservation Commission
Post Office Box 871
Santa Fe, New Mexico

Gentlemen:

Pursuant to Section 11 of the Unit Agreement for the Development and Operation of the Aztec Totah-Gallup Unit Area, Aztec Oil & Gas Company, as unit operator, respectively submits for your approval the following plan of operation for the subject unit.

1. The Aztec Totah-Gallup Unit was effective January 1, 1963. A pressure maintenance project by water injection is now in operation.
2. This pressure maintenance project will be operated in accordance with rules and regulations as set forth in Order R-2189 of the New Mexico Oil Conservation Commission.
3. The following wells have been converted from a producing status to a water injection status:

Aztec Totah Unit Well #16
(Formerly Smith "C" #1)
SW SE Sec. 18-29N-13W

Aztec Totah Unit Well #1
(Formerly Hagood #7)
NE NE Sec. 29-29N-13W

Aztec Totah Unit Well #14
(Formerly Hagood #27)
NE SW Sec. 19-29N-13W

Aztec Totah Unit Well #3
(Formerly Hagood #16)
NE SE Sec. 29-29N-13W

Plan of Operation
Aztec Totah-Gallup Unit
San Juan County, New Mexico

MAIN OFFICE OCC

March 3, 1964

Aztec Totah Unit Well #15
(Formerly Hagood #28)
NE NW Sec. 30-29N-13W

1964 MAR 5 PM 1:29

4. A cooperative water injection agreement has been negotiated with Pan American Petroleum Corporation providing for cooperative and equitable water injection along the west boundary through injection into the following wells:

Pan American #2 Navajo "H" NE NE Sec. 24-29N-14W	Aztec Totah Unit Well #14 NE SW Sec. 19-29N-13W
---	--

5. A cooperative water injection agreement with Tenneco Oil Company has been negotiated providing for cooperative and equitable water injection along the east boundary of this unit through injection into the following wells:

Tenneco #1 Hagood Federal SW SW Sec. 21-29N-13W	Aztec Totah Unit Well #1 NE NE Sec. 29-29N-13W
--	---

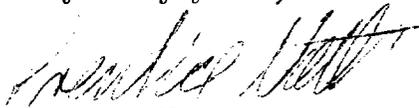
Tenneco #18 Callow SE NW Sec. 28-29N-13W	Aztec Totah Unit Well #3 NE SE Sec. 29-29N-13W
---	---

Tenneco #19 Callow
SW SW Sec. 28-29N-13W

6. It is planned to continue water injection into the aforementioned wells consistent with prudent operating practices. Additional injection wells are not contemplated at this time.
7. A map of the existing unit and injection system is attached.

This plan of operation shall cover the period beginning January 1, 1964 and will continue until a revised plan is submitted and approved.

Very truly yours,


Prentice Watts

PWby

Attachment

Plan of Operation
Aztec Totah-Gallup Unit
San Juan County, New Mexico

-3-

MAIN OFFICE OGC

March 3, 1964

1964 MAR 5 PM 1:29

Approved: _____ Date: _____

Regional Supervisor, United States Geological Survey
(Subject to like approval by appropriate
State Officials.)

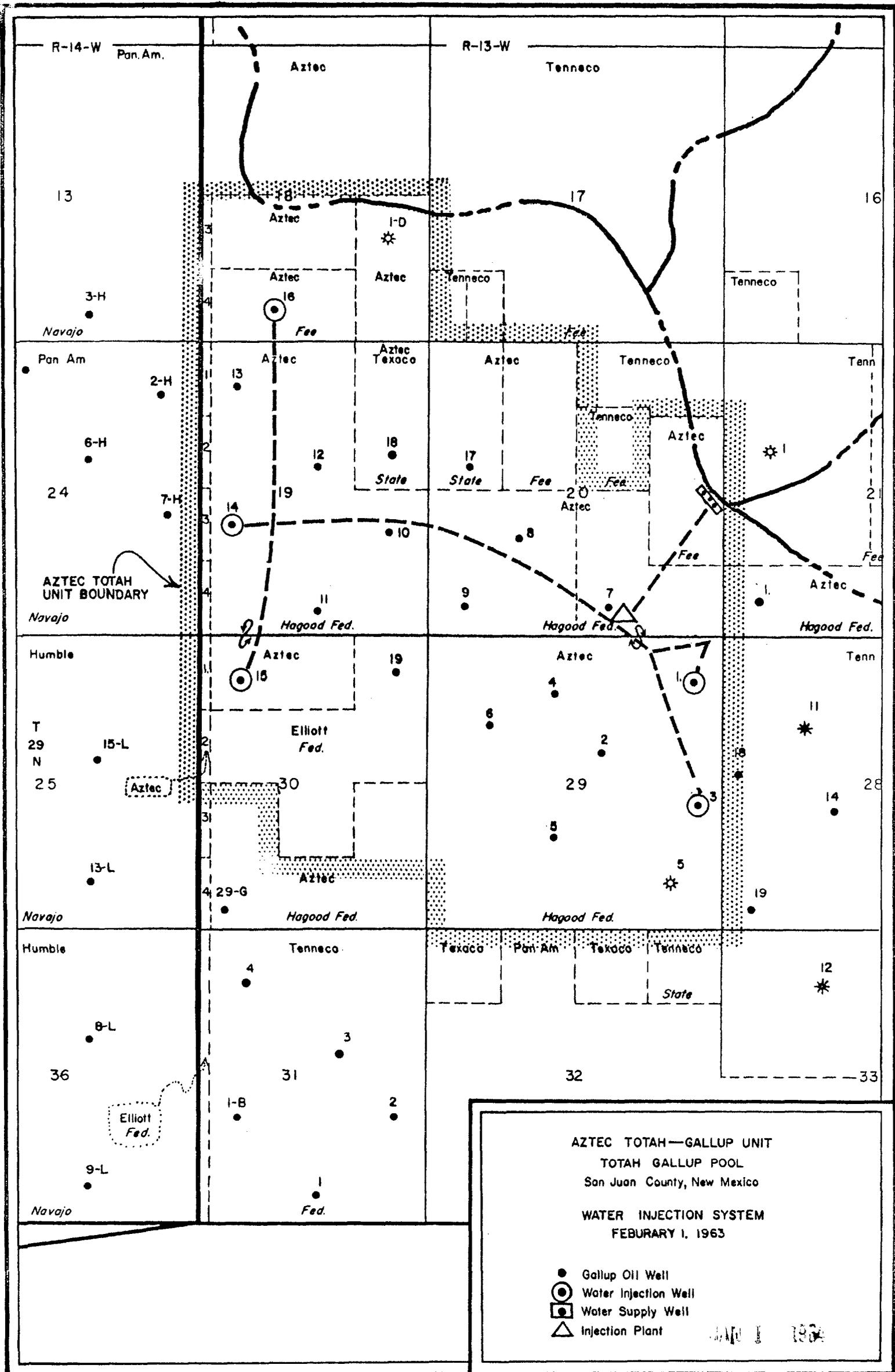
Approved: _____ Date: _____

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

Approved: A. L. Porter Jr. Date: 4-6-64

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

cc: All Working Interest Owners



AZTEC TOTAH—GALLUP UNIT
 TOTAH GALLUP POOL
 San Juan County, New Mexico
 WATER INJECTION SYSTEM
 FEBRUARY 1, 1963

● Gallup Oil Well
 ⊙ Water Injection Well
 ◻ Water Supply Well
 △ Injection Plant

FEB 1 1963

MAIN OFFICE OCC

1964 MAR 5 PM 1:29

1964 MAR 5 PM 1:29

001

Unit Name AZTEC TOTAH-GALLUP UNIT (WATERFLOOD)
 Operator AZTEC OIL & GAS COMPANY
 County SAN JUAN COUNTY, NEW MEXICO

DATE	OCC CASE NO.	EFFECTIVE DATE	TOTAL ACREAGE	STATE	FEDERAL	INDIAN-FEE	SEGREGATION CLAUSE	TERM
APPROVED	NO. R-2383	1-1-63	2,246.75	160.00	1,675.90	410.85	Yes	so long as

Commissioner:
 11-30-62
 U.S.G.S.:
 12-26-62

UNIT AREA

TOWNSHIP 29 NORTH, RANGE 13 WEST, NEW MEXICO PRINCIPAL MERIDIAN

- Section 18: SE/4, E/2 SW/4, AND LOTS 3 & 4
- Section 19: E/2, E/2 W/2, AND LOTS 1, 2, 3, & 4
- Section 20: W/2, SE/4 NE/4, AND SE/4
- Section 29: ALL
- Section 30: NE/4, N/2 SE/4, E/2 NW/4, AND LOTS 1 & 2

TERMINATED

- for Non Production

APP: 7-18-83

Eff: 6-15-83

Unit Name AZTEC TOTAH-GALLUP UNIT (WATERFLOOD)
 Operator AZTEC OIL & GAS COMPANY
 County SAN JUAN COUNTY, NEW MEXICO

STATE TRACT NO.	LEASE NO.	INSTI-TUTION	SEC.	TWP.	RGE.	SUBSECTION	DATE	RATIFIED ACRES	ACREAGE NOT RATIFIED	LESSEE
9	E-3149	C.S.	19	29N	13W	NE/4 NE/4	11-19-62	40.00		Texaco, Inc.
	E-11017-37	C.S.	19	29N	13W	SE/4 NE/4	11-9-62	40.00		Aztec Oil & Gas Co
10	E-11017-23	C.S.	20	29N	13W	SW/4 NW/4	12-3-62	40.00		Brookhaven Oil Co
	E-11017-26	C.S.	20	29N	13W	NW/4 NW/4	12-3-62	40.00		Dacresa Corporati

Note

nd

Tract # 9 Note: Section 19, T-29N, R-13W - E/2 NE/4, is a Communitization = Aztec Oil & Gas Co.-Texaco State No. 1 Gallup Formation Committed to Unit-Effective January 1, 1963 = 2.1626% Parti in Unit

Tract # 10

Section 20, T-29N, R-13W - W/2 NW/4, is a Communitization = Aztec's State "TG" Well No. 1 Gallup Formation Committed to Unit-Effective January 1, 1963 = 1.1556% Parti in Unit

TERMINATED - for Non-Production

APP: 7-18-83

EFF: 6-15-83