

CASE 1988:

NORTHWESTERN NEW MEXICO
NOMENCLATURE

Casa No.

1988

Application, Transcript,
Small Exhibits, Etc.

BEFORE THE
OIL CONSERVATION COMMISSION
MABRY HALL
Santa Fe, New Mexico
June 10, 1960

REGULAR HEARING

IN THE MATTER OF:

Northwestern New Mexico nomenclature case calling
for an order creating a new pool and extending exist-
ing pools in San Juan and Rio Arriba Counties, New
Mexico.

BEFORE:

A. L. Porter, Esquire
Murray Morgan, Esquire

TRANSCRIPT OF HEARING

MR. PAYNE: We will now proceed to the Northwestern
nomenclature case, No. 1988.

MR. PAYNE: Northwestern New Mexico nomenclature case
calling for an order creating a new pool and extending existing
pools in San Juan and Rio Arriba Counties, New Mexico.

E. C. ARNOLD
a witness, called by and on behalf of the Oil Conservation
Commission, was duly sworn and testified as follows:

DIRECT EXAMINATION

BY MR. PAYNE:

Q Will you state your name and position?

A E. C. Arnold, supervisor in district 3, Oil Conservation
Commission.



DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CM 3-6691

ALBUQUERQUE, NEW MEXICO

Q Have you made a study concerning the necessity or desirability of creating a new pool and extending existing pools in San Juan and Rio Arriba Counties, New Mexico?

A Yes, sir, I have.

Q What do you recommend relative to creating the Gallup production?

A I recommend that a new oil pool for Gallup production be created and designated as the La Plata-Gallup Oil Pool. I recommend that the limits should be defined as S/2 of Section 5, Township 31 North, Range 13 West, the discoveror of the well was Standard of Texas 5-1 Federal 12 and unit N of Section 5, completed 3-22-59. Top perforations 5347'.

Q Do you recommend Aztec be extended as shown in paragraph B?

A Yes, on the basis of one well completed.

Q Do you recommend the Aztec-Pictured Cliffs Pool be extended as shown on paragraph C?

A On the basis of five wells which have been completed in this pool.

Q Do you recommend that the West Kutz-Pictured Cliffs Pool be extended as shown on paragraph D?

A On the basis of one well being completed in this pool.

Q Do you recommend the Horseshoe-Gallup Oil Pool being extended as shown on paragraph E?

A Yes, on the basis of four wells on this pool.



Q Do you recommend the Verde-Gallup Oil Pool being extended as shown on paragraph F?

A On the basis of one well being completed in this pool.

Q Do you recommend the Angels Peak-Dakota Pool be extended as shown on paragraph G?

A On the basis of five wells which have been completed in this well.

Q Do you recommend that the South Blanco-Dakota Pool be extended as shown on paragraph H?

A On the basis of one well, completed in this well.

Q Do you recommend that the West Kutz-Dakota Pool be extended as shown on paragraph I?

A On the basis of one well being completed in this well.

Q Mr. Arnold, have you prepared an Exhibit substantiating your recommendations?

A It is marked Exhibit 1, Case 1988.

MR. PAYNE: Mr. Commissioner, I move the introduction of Exhibit 1 in Case 1988.

MR. PORTER: Without objection Exhibit 1 will be admitted. Does anyone else have any questions of Mr. Arnold? The witness may be excused. If there is nothing further on this case, we will take it under advisement. The hearing is adjourned.



DEARNLEY-MEIER REPORTING SERVICE, Inc.
ALBUQUERQUE, NEW MEXICO

PHONE CH 3-6691

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) ss

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I, LEW NELSON, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing was reported by me in Stenotype, and that the same was reduced to typewritten transcript under my personal supervision and contains a true and correct record of said proceedings, to the best of my knowledge, skill and ability.

DATED this 27th day of June, 1960, in the City of Albuquerque, County of Bernalillo, State of New Mexico.

My Commission Expires:

Lew Nelson
NOTARY PUBLIC



BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF THE STATE OF NEW
MEXICO FOR THE PURPOSE OF
CONSIDERING:

CASE No. 1988
Order No. R-1701

THE APPLICATION OF THE OIL
CONSERVATION COMMISSION UPON
ITS OWN MOTION FOR AN ORDER
CREATING AND EXTENDING CERTAIN
POOLS IN SAN JUAN AND RIO
ARRIBA COUNTIES, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on June 10, 1960, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 16th day of June, 1960, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That there is need for the creation of a new pool in San Juan County, New Mexico, for the production of oil from the Gallup formation, said pool to bear the designation La Plata-Gallup Oil Pool. Said La Plata-Gallup Oil Pool was discovered by Standard Oil Company of Texas Federal 12 Well No. 5-1, located in the SE/4 SW/4, Section 5, Township 31 North, Range 13 West, NMPM. It was completed March 22, 1959. The top of the perforations is at 5347 feet.

(3) That there is need for certain extensions to the Artes-Fruitland Pool, the Artes-Pictured Cliffs Pool, the West Ruts-Pictured Cliffs Pool, the Horseshoe-Gallup Oil Pool, the Verde-Gallup Oil Pool, the Angels Peak-Dakota Pool, and the West Ruts-Dakota Pool, all in San Juan County, New Mexico; and to the South Blanco-Dakota Pool in Rio Arriba County, New Mexico.

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CASE No. 1988
Order No. R-1701

IT IS THEREFORE ORDERED:

(a) That a new pool in San Juan County, New Mexico, classified as an oil pool for Gallup production, be and the same is hereby created and designated as the La Plata-Gallup Oil Pool, consisting of the following described area:

TOWNSHIP 31 NORTH, RANGE 13 WEST, NMPM
Section 3: S/2

(b) That the Artec-Fruitland Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM
Section 32: NE/4

(c) That the Artec-Pictured Cliffs Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 31 NORTH, RANGE 11 WEST, NMPM
Section 18: W/2
Section 19: N/2
Section 20: W/2 & SE/4
Section 28: SW/4
Section 29: N/2 & SE/4

TOWNSHIP 31 NORTH, RANGE 12 WEST, NMPM
Section 13: NE/4

(d) That the west Artec-Pictured Cliffs Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 27 NORTH, RANGE 11 WEST, NMPM
Section 19: E/2

(e) That the Horseshoe-Gallup Oil Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 30 NORTH, RANGE 16 WEST, NMPM
Section 15: NE/4 NW/4

TOWNSHIP 31 NORTH, RANGE 16 WEST, NMPM
Section 27: NE/4 NW/4 & SW/4 NE/4
Section 28: N/2 NW/4

(f) That the Verde-Gallup Oil Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, be and

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CASE No. 1988
Order No. R-1701

the same is hereby extended to include therein:

TOWNSHIP 31 NORTH, RANGE 15 WEST, NMPM
Section 20: SE/4 NW/4

(g) That the Angels Peak-Dakota Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM
Section 16: W/2

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPM
Section 15: S/2
Section 16: All
Section 22: All
Section 23: All
Section 24: W/2

(h) That the South Blanco-Dakota Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 27 NORTH, RANGE 7 WEST, NMPM
Section 23: N/2
Section 24: N/2

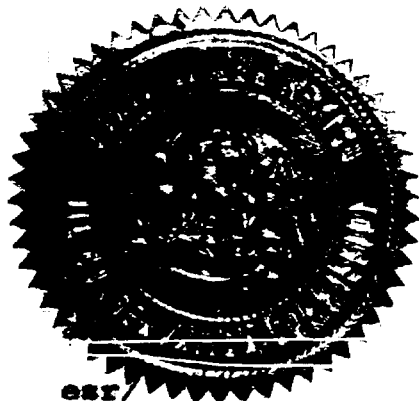
(i) That the West Katz-Dakota Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 27 NORTH, RANGE 13 WEST, NMPM
Section 29: N/2

IT IS FURTHER ORDERED:

That the effective date of this order and all of the creations and extensions included herein shall be July 1, 1960.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.



STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

John Burroughs
JOHN BURROUGHS, Chairman

Murray E. Morgan
MURRAY E. MORGAN, Member

A. L. Porter, Jr.
A. L. PORTER, JR., Member & Secretary

No. 16-60

DOCKET: REGULAR HEARING JUNE 10, 1960

Oil Conservation Commission 9 a.m., Mabry Hall, State Capitol, Santa Fe, N.M.

- ALLOWABLE:
- (1) Consideration of the oil allowable for July, 1960.
 - (2) Consideration of the allowable production of gas for July, 1960, for six prorated pools in Lea County, New Mexico; consideration of the allowable production of gas from seven prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico, for July, 1960, and also presentation of purchaser's nominations for the six-month period beginning August 1, 1960, for seven prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico.

CONTINUED CASE

CASE 1893: (De Novo)

Application of Petro-Atlas, Inc. for a hearing de novo before the Oil Conservation Commission in Case No. 1893, Order No. R-1619, relating to a request for cancellation of the over-production charged against one gas well in the South Blanco-Pictured Cliffs Pool, San Juan County, New Mexico.

NEW CASES

CASE 1987:

Southeastern New Mexico nomenclature calling for an order creating new pools and extending existing pools in Lea, Chaves, Roosevelt, and Eddy Counties, New Mexico.

- (a) Create a new oil pool, designated as the South Bitter Lake-San Andres Pool, and described as:

TOWNSHIP 10 SOUTH, RANGE 25 EAST, NMPM

Section 27: NW/4

- (b) Create a new gas pool, designated as the South Bowers-Seven Rivers Gas Pool, and described as:

TOWNSHIP 19 SOUTH, RANGE 38 EAST, NMPM

Section 9: SW/4

- (c) Create a new oil pool, designated as the Corbin-Delaware Pool, and described as:

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM

Section 31: NE/4

- (d) Create a new oil pool, designated as the Corral Canyon-Delaware Pool, and described as:

TOWNSHIP 25 SOUTH, RANGE 30 EAST, NMPM
SECTION 18: NE/4

- (e) Create a new gas pool, designated as the Fowler-Paddock Gas Pool, and described as:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
SECTION 15: NE/4

- (f) Create a new oil pool, designated as the Jenkins-Pennsylvanian Pool, and described as:

TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM
SECTION 3: SW/4

- (g) Create a new oil pool, designated as the King-Pennsylvanian Pool, and described as:

TOWNSHIP 13 SOUTH, RANGE 37 EAST, NMPM
SECTION 35: SE/4

- (h) Create a new gas pool, designated as the North Skaggs-Drinkard Gas Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
SECTION 6: SE/4

- (i) Extend the Allison-Pennsylvanian Pool, to include therein:

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM
SECTION 6: NW/4

- (j) Extend the Bluitt-Pennsylvanina Pool, to include therein:

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM
SECTION 25: NE/4

TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM
SECTION 19: NW/4

- (k) Extend the Empire-Abo Pool, to include therein:

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM
SECTION 35: SW/4

- (e) Extend the Horseshoe-Gallup Oil Pool, to include therein:

TOWNSHIP 30 NORTH, RANGE 16 WEST, NMPM
SECTION 15: NE/4 NW/4

TOWNSHIP 31 NORTH, RANGE 16 WEST, NMPM
SECTION 27: NE/4 NW/4 & SW/4 NE/4
SECTION 28: N/2 NW/4

- (f) Extend the Verde-Gallup Oil Pool, to include therein:

TOWNSHIP 31 NORTH, RANGE 15 WEST, NMPM
SECTION 20: SE/4 NW/4

- (g) Extend the Angels Peak-Dakota Pool, to include therein:

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM
SECTION 16: W/2

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPM
SECTION 15: S/2
SECTION 16: A11
SECTION 22: A11
SECTION 23: A11
SECTION 24: W/2

- (h) Extend the South Blanco-Dakota Pool, to include therein:

TOWNSHIP 27 NORTH, RANGE 7 WEST, NMPM
SECTION 23: N/2
SECTION 24: N/2

- (i) Extend the West Kutz-Dakota Pool, to include therein:

TOWNSHIP 29 NORTH, RANGE 13 WEST, NMPM,
SECTION 29: E/2

Docket No. 16-60

- (l) Extend the Hare Pool, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 9: N/2 NE/4

- (m) Extend the Justis-Blinebry Pool, to include therein:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
SECTION 13: NW/4
SECTION 26: SE/4

- (n) Extend the Saunders-Permo Pennsylvanian Pool, to include therein:

TOWNSHIP 14 SOUTH, RANGE 33 EAST, NMPM
SECTION 9: SE/4

CASE 1988: Northwestern New Mexico nomenclature case calling for an order creating a new pool and extending existing pools in San Juan and Rio Arriba Counties, New Mexico:

- (a) Create a new oil pool, designated as the La Platta-Gallup Oil Pool and described as:

TOWNSHIP 31 NORTH, RANGE 13 WEST, NMPM
SECTION 5: S/2

- (b) Extend the Aztec-Fruitland Pool, to include therein:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM
SECTION 32: NE/4

- (c) Extend the Aztec-Pictured Cliffs Pool, to include therein:

TOWNSHIP 31 NORTH, RANGE 11 WEST, NMPM
SECTION 18: W/2
SECTION 19: N/2
SECTION 20: W/2 & SE/4
SECTION 28: SW/4
SECTION 29: N/2 & SE/4

TOWNSHIP 31 NORTH, RANGE 12 WEST, NMPM
SECTION 13: NE/4

- (d) Extend the West Kutz-Pictured Cliffs Pool, to include therein:

TOWNSHIP 27 NORTH, RANGE 11 WEST, NMPM
SECTION 19: E/2

GOVERNOR
JOHN BURROUGHS
CHAIRMAN

State of New Mexico
Oil Conservation Commission

LAND COMMISSIONER
MURRAY E. MORGAN
MEMBER

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

1000 RIO BRAZOS ROAD
AZTEC

May 16, 1960

Mrs. Ida Rodriguez
Oil Conservation Commission
Box 871
Santa Fe, New Mexico

Re: Northwest Nomenclature Case
June 10, 1960

Dear Ida:

Subject case may be advertised as follows:

Create a new oil pool in San Juan County, New Mexico for Gallup production, designated as the La Plata-Gallup Oil Pool and described as:

Township 31 North, Range 13 West, NMPM
Section 5: S/2

Extend the following pools:

Rio Arriba County
South Blanco-Dakota Pool

San Juan County
Aztec-Fruitland Pool
Aztec-Pictured Cliffs Pool
West Kutz-Pictured Cliffs Pool
Horseshoe-Gallup Oil Pool
Verde-Gallup Oil Pool
Angels Peak-Dakota Pool
West Kutz-Dakota Pool

Yours very truly

ARK:ks

A. R. Kendrick
Engineer, District #3

1988

(a) Create a new pool in San Juan Count y,
New Mexico, classified as XX an oil pool for Gallup
production, designated as the La Platta-Gallup Oil Pool and
described as:

TOWNSHIP 31 NORTH, RANGE 13 WEST, NMPH,
Section 5: S/2

Based on:

Standard of Texas #5-1 Federal 12
N-5-31N-13W
IP 245 BOPD
Top Perf: 5347'
Completed: 3-22-59

⁶
(~~8~~) Extend the Aztec-Fruitland Pool
boundary in San Juan Count y,

New Mexico, to include therein:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPH,
Section 32: NE/4

Based on:

Skelly #1 Mexico-Federal "D"
A-32-29N-10W
AOF 1523 MCFPD:

(C) Extend the Aztec-Pictured Cliffs Pool
boundary in San Juan Count Y,
New Mexico, to include therein:

TOWNSHIP 31 NORTH, RANGE 11 WEST, NMPM.
Section 18: W/2
Section 19: N/2
Section 20: W/2 & SE/4
Section 28: SW/4
Section 29: N/2 & SE/4

TOWNSHIP 31 NORTH, RANGE 12 WEST, NMPM.
Section 13: NE/4

Based on:

Aztec #10 Grenier
E-18-31N-11W
AOF 1020 MCFPD: SICP 724#7

Aztec #8 Grenier
M-18-31N-11W
AOF 2736 MCFPD: SICP 693#8

Aztec #7 Grenier
E-20-31N-11W
AOF 4078 MCFPD: SICP 687#

Aztec #6 Grenier
K-20-31N-11W
AOF 4601 MCFPD: SICP 783#7

Aztec #9 Grenier
B-8 13-31N-12W
AOF 968 MCFPD: SICP 755#7

(d) Extend the West Kutz-Pictured Cliffs Pool
boundary in San Juan Count y,

New Mexico, to include therein:

TOWNSHIP 27 NORTH, RANGE 11 WEST, NMPL.
Section 19: E/2

Based on:

Texaco #1 Navajo Tribe "AA"
P-19-27N-11W
AOF 912 MCFPD: SICP 387#7

(E) Extend the Horseshoe-Gallup Oil Pool
boundary in San Juan County Y,
New Mexico, to include therein:

TOWNSHIP 30 NORTH, RANGE 16 WEST, NMPM.
Section EX 15: NE/4 NW/4

TOWNSHIP 31 NORTH, RANGE 16 WEST, NMPM.
Section 27: NE/4 NW/4 & SW/4 NE/4
Section 28: N/2 NW/4

Based on:

Pan American #1 Hoover "E"
C-15-30N-16W
IP 166 BOPD

EPNG Prod. #41 Horseshoe Ute
C-27-31N-16W
IP 24 BOPD

EPNG Prod. #42 Horseshoe Ute
C-27-31N-16W
IP 18 BOPD

EPNG Prod. #40 Horseshoe UTe
C-28-31N-16W
IP 22 BOPD

(f) Extend the Verde-Gallap Oil Pool
boundary in San Juan Count y,

New Mexico, to include therein:

TOWNSHIP 31 NORTH, RANGE 15 WEST, NMPH,
Section 20: SE/4 NW/4

Based on:

H. Keith Williams, Jr. #1 Barker Dome Unit
F-20-31N-15W
IP 43 BOPD

8/

(-) Extend the Angels Peak-Dakota Pool
boundary in San Juan Count y,
New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM.
Section 16: W/2

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPM.
Section 15: S/2
Section 16: All
Section 22: All
Section 23: All
Section 24: W/2

Based on:

Aztec #9 Cain "D"
K-16-28N-10W
AOF 15,506 MCFPD: SICP 2036#/7

Redfern & Herd #1 Phillips
C-16-28N-11W
AOF 3572 MCFPD: SICP 2110#/7

Redfern & Markham #4 Redfern
I-16-28N-11W
AOF 5918 MCFPD: SICP 2112#

Redfern & Herd #1 Ohio
C-22-28N-11W
AOF 9592 MCFPD: SICP 2099#

Redfern & Herd #2 Phillips
P-22-28N-11W
AOF 13,950 MCFPD: SICP 2107#/7

h
(~~g~~) Extend the South Blanco-Dakota Pool
boundary in Rio Arriba County y,
New Mexico, to include therein:

TOWNSHIP 27 NORTH, RANGE 7 WEST, NMPM.
Section 23: N/2
Section 24: N/2 ✓

Based on:

EPNG #136 Rincon Unit
A-23-27N-7W
AOF #13 6603 MCFPD: SICP 23485/9

^e
(~~1~~) Extend the West Kutz-Dakota Pool
boundary in San Juan Count Y,
New Mexico, to include therein:

TOWNSHIP 29 NORTH, RANGE 13 WEST, NMPM.
Section 29: E/2

Based on:

Aztec #5 Hagood
P-29-29N-13W
AOF 1644 MCFPD: SICP 2032N/7

REQUEST FOR THE EXTENSION OF AN EXISTING POOL
OR
THE CREATION OF A NEW POOL

TO: The Oil Conservation Commission
State of New Mexico

Date May 1, 1960

The Standard Oil Co. of Texas
Name of Operator

Federal 12-5 (0271-A)
Name of Lease

1 Located 538 feet from the South line and 1923 feet
Well No.

from the West line of Section 5 31N 13W
Section Township Range

is outside the boundaries of any pool producing from the same formation. On the basis of the information submitted here-
with on form C-105, we hereby request that the

pool be extended to include the following described area

or that a new pool be created to include the following described area South half of section 5, 31N, 13W

San Juan County

Suggested name: La Plata Gallup

Standard Oil Co. of Texas
Operator

Name of Producing Formation: Gallup

Chas. L. Strupp
Representative

NMOCC Exhibit No. 1
Case No. 1988

The following is recommended for the Northwest nomenclature case for June, 1960:

- (a) Create a new pool in San Juan County, New Mexico, classified as an oil pool for Gallup production, designated as the La Plata-Gallup Oil Pool and described as:

TOWNSHIP 31 NORTH, RANGE 13 WEST, NMPM
Section 5: S/2

based on:

Standard of Texas #5-1 Federal 12
N-5-31N-13W
IP 245 BOPD
Top Perf. 5347'
Completed 3-22-59

- (b) Extend the Aztec-Fruitland pool boundary in San Juan County, New Mexico to include therein:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM
Section 32: NE/4

based on:

Skelly #1 Mexico-Federal "D"
A-32-29N-10W
AOF 1523 MCFPD

- (c) Extend the Aztec-Pictured Cliffs Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 31 NORTH, RANGE 11 WEST, NMPM
Section 18: W/2
Section 19: N/2
Section 20: W/2 & SE/4
Section 28: SW/4
Section 29: N/2 & SE/4

TOWNSHIP 31 NORTH, RANGE 12 WEST, NMPM
Section 13: NE/4

based on:

Aztec Oil & Gas #10 Grenier
E-18-31N-11W
AOF 1020 MCFPD; SICP 724#/7 days

Aztec Oil & Gas #8 Grenier
M-18-31N-11W
AOF 2736 MCFPD; SICP 693#/8 days

Aztec #7 Grenier
E-20-31N-11W
AOF 4078 MCFPD; SICP 687#

Aztec #6 Grenier
K-20-31N-11W
ACF 4601 MCFPD; SICP 783#/7 days

Aztec #9 Grenier
B-13-31N-12W
AOF 968 MCFPD; SICP 755#/7 days

- (d) Extend the West Kutz-Pictured Cliffs Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 27 NORTH, RANGE 11 WEST, NMPM
Section 19: E/2

based on:

Texaco #1 Navajo Tribe "AA"
P-19-27N-11W
AOF 912 MCFPD; SICP 387#/7 days

- (e) Extend the Horseshoe-Gallup Oil Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 30 NORTH, RANGE 16 WEST, NMPM
Section 15: NE/4 NW/4

TOWNSHIP 31 NORTH, RANGE 16 WEST, NMPM
Section 27: NE/4 NW/4 and SW/4 NE/4
Section 28: N/2 NW/4

based on:

Pan American #1 Hoover "E"
C-15-30N-16W
IP 166 BOPD

EPNG Products #41 Horseshoe Ute
C-27-31N-16W
IP 24 BOPD

EPNG Products #42 Horseshoe Ute
G-27-31N-16W
IP 18 BOPD

EPNG Products #40 Horseshoe Ute
C-28-31N-16W
IP 22 BOPD

- (f) Extend the Verde-Gallup Oil Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 31 NORTH, RANGE 15 WEST, NMPM
Section 20: SE/4 NW/4

based on:

H. Keith Williams, Jr. #1 Barker Dome Unit
F-20-31N-15W
IP 43 BOPD

- (g) Extend the Angels Peak-Dakota Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM
Section 16: W/2

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPM
Section 15: S/2
Section 16: All
Section 22: All
Section 23: All
Section 24: W/2

based on:

Aztec Oil & Gas #9 Cain "D"
K-16-28N-10W
AOF 15,506 MCFPD; SICP 2036#/7 days

Redfern & Herd #1 Phillips
C-16-28N-11W
AOF 3572 MCFPD; SICP 2110#/7 days

Redfern & Markham #4 Redfern
I-16-28N-11W
AOF 5918 MCFPD; SICP 2112#

Redfern & Herd #1 Ohio
C-22-28N-11W
AOF 9592 MCFPD; SICP 2099#

Redfern & Herd #2 Phillips
P-22-28N-11W
AOF 13,950 MCFPD; SICP 2107#/7 days

- (h) Extend the South Blanco-Dakota Pool boundary in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 27 NORTH, RANGE 7 WEST, NMPM
Section 23: N/2
Section 24: N/2

based on:

EPNG #136 Rincon Unit
A-23-27N-7W
AOF 6603 MCFPD; SICP 2348#/9 days

- (i) Extend the West Kutz-Dakota Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 29 NORTH, RANGE 13 WEST, NMPM
Section 29: E/2

based on:

Aztec #5 Hagood
P-29-29N-13W
AOF 1644 MCFPD; SICP 2032#/7 days