

CASE 2217:

NORTHWESTERN NEW MEXICO

NOMENCLATURE

Case No.

2217

Application, Transcript,
and Exhibits, Etc.

Case 2217

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

TOWNSHIP 30 NORTH, RANGE 17 WEST, NMPM,

Section 4: SW/4 NW/4 & NW/4 SW/4

Section 5: SE/4 NE/4 & NE/4 SE/4

Based on:

King Oil Co. #1-X Navajo "C" (Discovery well)

E-4-30-17

IP 192 BOPD

Completed: 7-21-58

Casing Shoe @ 1039'

King Oil Co. #4 Navajo "A"

L- 2-4-30-17

IP 33 BOPD

King Oil Co. #3 Navajo "B"

H-5-30-17

IP NX 24 BOPD

King Oil Co. #1 Navajo "H"

I-5-30-17

IP 59 BOPD

(b) Abolish the Pine Lake-Pictured Cliffs Pool in Rio Arriba County, New Mexico, for the purpose of joining two pools producing from a common source of supply, to be known as the Gavilan-Pictured Cliffs Pool.

(c) Extend the Gavilan-Pictured Cliffs Pool
boundary in Rio Arriba Count Y,
New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 2 WEST, NMPL.

Section 4: W/2
Section 5: NE/4

TOWNSHIP 26 NORTH, RANGE 2 WEST, NMPL.

Section 29: NE/4

Plus all the area of the Pine Lake-Pictured Cliffs Pool.

TOWNSHIP 26 NORTH, RANGE 2 WEST, NMPL.

Section 7: S/2 (partial)
Section 8: SW/4
Section 18: All (partial)
Section 19: All (partial)
Section 20: W/2
Section 29: W/2 & SE/4
Section 30: All (partial)
Section 31: All (partial)
Section 32: N/2 & SE/4

TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPL.

Section 1: All
Section 2: All
Section 3: W E/2
Section 10: E/2
Section 11: All
Section 12: All
Section 13: All
Section 14: E/2
Section 23: NE/4
Section 24: All
Section 25: E/2

TOWNSHIP 27 NORTH, RANGE 3 WEST, NMPL.

Section 11: All (partial)
All of sections 14 thru 18, inclusive
Section 22: All
Section 23: All
Section 24: S/2
Section 25: All
Section 26: All
Section 27: All
Section 34: E/2
Section 35: All
Section 36: W/2

Based on: (see back)

(d) Extend the Angels Peak-Gallup Oil Pool
boundary in San Juan Count Y,
New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 10 WEST, NMPM.
Section 2: SW/4 & S/2 SE/4
Section 11: N/2

Based on:

EPNG #116 Huerfano Unit
C-11-26-10
Recovering Frac-oil

(•) Extend the Bisti-Lower Gallup Oil Pool

boundary in San Juan Count Y,

New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 9 WEST, NMPH,

Section 15: S/2

Section 16: W/2 & SE/4

Section 22: W/2 NE/4

Based on:

Gulf Oil Corp. #1-X South Huerfano Federal

M-15-24-9

IP 2725 MCFPD

Gulf Oil Corp. #1 Largo Federal "B"

A-22-24-9

IP 22 BOPD

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

TOWNSHIP 28 NORTH, RANGE 13 WEST, NMPL,
Section 16: N/2

TOWNSHIP 29 NORTH, RANGE 14 WEST, NMPL,
Section 17: S/2 SW/4
Section 35: NE/4

Based on:

Pan American #5 C. J. Holder
6-16-28-13
IP 184 BOPD

Pan American #4 C. J. Holder
6-16-28-13
IP 192 BOPD

Pan American #4 Navajo "G"
M-17-29-14
IP 275 BOPD

Humble #7 Navajo "L"
6-35-29-14
IP 264 BOPD

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

TOWNSHIP 30 NORTH, RANGE 16 WEST, NMDM.
Section 1: SW/4 SW/4

Based on:

P-M Drilling Co. #1-1 Navajo
N-1-30-16
IP 72 BOPD

(h) Extend the Otero-Gallup Oil Pool
boundary in Rio Arriba Count Y,
New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 5 WEST, NMPH.
Section 8: E/2
Section 9: W/2 SW/4

Based on:

Continental #9-1 Maynes Apache
L-9-24-5
IP 74 BOPD

(1) Extend the Totah-Gallup Oil Pool
boundary in San Juan Count Y,
New Mexico, to include therein:

T

TOWNSHIP 29 NORTH, RANGE 13 WEST, NMPH,
Section 29: W/2 NE/4 & SE/4 NE/4
section 34: 3/2

Based on:

Aztec #8 Nagood "G"
G-29-29-13
IP 336 BOPD

Aztec #10 Nagood "H"
J-34-29-13
IP 360 BOPD

Aztec #12 Nagood "I"
L-34-29-10
IP 237 BOPD

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

TOWNSHIP 30 NORTH, RANGE 16 WEST, NMPM,
Section 1: NE/4 SE/4

TOWNSHIP 31 NORTH, RANGE 15 WEST, NMPM,
Section 25: SE/4
Section 36: NE/4

Based on:

P-M Drilling #1-2 Navajo
J-1-30-16
IP 84 BOPD

Number #3 Ute "B"
I-25-31-15
IP 32 BOPD

Number #4 Ute "B"
A-36-31-15
IP 8 BOPD

- (m) Extend the Shugart Pool in Eddy County, to include:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM
SECTION 4: W/2 NW/4
SECTION 5: E/2 NE/4

- (n) Extend the West Teas-Yates Pool, to include:

TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM
SECTION 16: SW/4

CASE 2217:

Northwestern New Mexico nomenclature case calling for an order for the creation of a pool and the extension of existing pools in San Juan, and Rio Arriba Counties, New Mexico:

- (a) Create a new pool classified as an oil pool for Dakota production, and described as:

TOWNSHIP 30 NORTH, RANGE 17 WEST, NMPM
SECTION 4: SW/4 NW/4 & NW/4 SW/4
SECTION 5: SE/4 NE/4 & NE/4 SE/4

- (b) Abolish the Pine Lake-Pictured Cliffs Pool in Rio Arriba County, New Mexico, for the purpose of joining two pools producing from a common source of supply, to be known as the Gavilan-Pictured Cliffs Pool.

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

TOWNSHIP 25 NORTH, RANGE 2 WEST, NMPM
SECTION 4: W/2
SECTION 5: NE/4

TOWNSHIP 26 NORTH, RANGE 2 WEST, NMPM
SECTION 29: NE/4

TOWNSHIP 26 NORTH, RANGE 2 WEST, NMPM
SECTION 7: S/2 (Partial)
SECTION 8: SW/4
SECTION 18: All (Partial)
SECTION 19: All (Partial)

SECTION 20: W/2
SECTION 29: W/2 & SE/4
SECTION 30: All (Partial)
SECTION 31: All (Partial)
SECTION 32: N/2 & SE/4

TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM

SECTION 1: All
SECTION 2: All
SECTION 3: E/2
SECTION 10: E/2
SECTION 11: All
SECTION 12: All
SECTION 13: All
SECTION 14: E/2
SECTION 23: NE/4
SECTION 24: All
SECTION 25: E/2

TOWNSHIP 27 NORTH, RANGE 3 WEST, NMPM

SECTION 11: All (partial)
All of sections 14 thru 18, inclusive
SECTION 22: All
SECTION 23: All
SECTION 24: S/2
SECTION 25: All
SECTION 26: All
SECTION 27: All
SECTION 34: E/2
SECTION 35: All
SECTION 36: W/2

(d) Extend the Angels Peak-Gallup Oil Pool, to include:

TOWNSHIP 26 NORTH, RANGE 10 WEST, NMPM

SECTION 2: SW/4 & S/2 SE/4
SECTION 11: N/2

(e) Extend the Bisti-Lower Gallup Oil Pool, to include:

TOWNSHIP 24 NORTH, RANGE 9 WEST, NMPM,

SECTION 15: S/2
SECTION 16: W/2 & SE/4
SECTION 22: N/2 NE/4

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

TOWNSHIP 28 NORTH, RANGE 13 WEST, NMPM
SECTION 16: N/2

TOWNSHIP 29 NORTH, RANGE 14 WEST, NMPM
SECTION 17: S/2 SW/4
SECTION 35: NE/4

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

TOWNSHIP 30 NORTH, RANGE 16 WEST, NMPM
SECTION 1: SW/4 SW/4

- (h) Extend the Otero-Gallup Oil Pool, to include:

TOWNSHIP 24 NORTH, RANGE 5 WEST, NMPM
SECTION 8: E/2
SECTION 9: W/2 SW/4

- (i) Extend the Totah-Gallup Oil Pool, to include:

TOWNSHIP 29 NORTH, RANGE 13 WEST, NMPM
SECTION 29: W/2 NE/4 & SE/4 NE/4
SECTION 34: S/2

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

TOWNSHIP 30 NORTH, RANGE 16 WEST, NMPM
SECTION 1: NW/4 SE/4

TOWNSHIP 31 NORTH, RANGE 15 WEST, NMPM
SECTION 25: SE/4
SECTION 36: NE/4

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GOVERNOR
EDWIN L. MECHEM
CHAIRMAN

State of New Mexico
Oil Conservation Commission

LAND COMMISSIONER
E. S. JOHNNY WALKER
MEMBER

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

1000 RIO BRAZOS ROAD
AZTEC

February 13, 1961

File 2217

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

Dear Ida:

The ad for the Northwest Nomenclature Case for March may read as follows:

Create a new pool in San Juan County, New Mexico, classified as an oil pool for Dakota production, designated as the Salt Creek-Dakota Oil Pool and described as:

Township 30N, Range 17W, NMPM
Section 4: SW/4 NW/4 and NW/4 SW/4
Section 5: SE/4 NE/4 and NE/4 SE/4

Abolish the Pine Lake-Pictured Cliffs Pool in Rio Arriba County, New Mexico for the purpose of joining two pools producing from a common source of supply, to be known as the Gavilan-Pictured Cliffs Pool.

Extend Certain existing pools as follows:

Rio Arriba County

Gavilan-Pictured Cliffs Pool.
Otero-Gallup Oil Pool

San Juan County

Angels Peak-Gallup Oil Pool
Bisti-Lower Gallup Oil Pool
Cha Cha-Gallup Oil Pool

Horseshoe-Gallup Oil Pool
Totah-Gallup Oil Pool
Verde-Gallup Oil Pool

Yours very truly

A. R. Kendrick
A. R. Kendrick
Engineer, District #3

ARK:ks

The following is recommended for the Northwest Nomenclature Case for March, 1961:

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

4 wells

TOWNSHIP 30 NORTH, RANGE 17 WEST, NMPM
Section 4: SW/4 NW/4 and NW/4 SW/4
Section 5: SE/4 NE/4 and NE/4 SE/4

based on:

King Oil Company #1-X Navajo "C" (Discovery Well)
E-4-30N-17W
IP 192 BOPD
Completed 7-21-58
Casing shoe @ 1039.

King Oil Company #4 Navajo "A"
L-4-30N-17W
IP 33 BOPD

King Oil Co. #3 Navajo "G"
H-5-30N-17W
IP 24 BOPD

King Oil Co. #1 Navajo "H"
I-5-30N-17W
IP 59 BOPD

- (b) Abolish the Pine-Lake Pictured Cliffs Pool in Rio Arriba County, New Mexico, for the purpose of joining two pools producing from a common source of supply, to be known as the Gavilan-Pictured Cliffs Pool.

- (c) Extend the Gavilan-Pictured Cliffs Pool boundary in Rio Arriba County, New Mexico, to include therein:

2 new wells

TOWNSHIP 25 NORTH, RANGE 2 WEST, NMPM
Section 4: W/2
Section 5: NE/4

TOWNSHIP 26 NORTH, RANGE 2 WEST, NMPM
Section 29: NE/4

Plus all the area of the Pine-Lake Pictured Cliffs Pool:

TOWNSHIP 26 NORTH, RANGE 2 WEST, NMPM
Section 7: S/2 (partial)
Section 8: SW/4
Section 18: All (partial)
Section 19: All (partial)
Section 20: W/2
Section 29: W/2 & SE/4
Section 30: All (partial)
Section 31: All (partial)
Section 32: N/2 & SE/4

TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM
Section 1: All
Section 2: All
Section 3: E/2
Section 10: E/2
Section 11: All
Section 12: All
Section 13: All
Section 14: E/2

Section 23: NE/4
Section 24: ALL
Section 25: E/2

TOWNSHIP 27 NORTH, RANGE 3 WEST, NMPM

Section 11: All (partial)
All of Sections 14 through 18, inclusive
Section 22: All
Section 23: All
Section 24: S/2
Section 25: All
Section 26: All
Section 27: All
Section 34: E/2
Section 35: All
Section 36: W/2

Plus an unadvertised portion being:

TOWNSHIP 25 NORTH, RANGE 2 WEST, NMPM

Section 9: SE/4

based on:

John A. Egan #1 Jillion
D-4-25N-2W
IP 1050 MCFFD

John A. Egan #1 Alexander
G-29-26N-2W
IP 3069 MCFFD

Greenbrier Oil Co. #1 Stevenson-Boring
P-9-25N-2W
IP 1057 MCFFD; SICP 825#/7 days

Plus all wells heretofore classified as Pine Lake-Pictured
Cliffs Pool wells.

- 1 well
(d) Extend the Angels Peak-Gallup Oil Pool boundary in San Juan County,
New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 10 WEST, NMPM

Section 2: SW/4 and S/2 SE/4
Section 11: N/2

based on:

El Paso Natural Gas #116 Huerfano Unit
C-11-26N-10W
Recovering Frac oil.

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

TOWNSHIP 24 NORTH, RANGE 9 WEST, NMPM

Section 15: S/2
Section 16: W/2 and SE/4
Section 22: N/2 NE/4

based on:

Gulf Oil Corporation #1-X South Huerfano Federal
M-15-24N-9W
IP 2725 MCFFD

Gulf Oil Corp. #1 Largo Federal "B"
A-22-24N-9W
IP 22 BOPD

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

4 wells
TOWNSHIP 29 NORTH, RANGE 13 WEST, NMPM
Section 16: N/2

TOWNSHIP 29 NORTH, RANGE 14 WEST, NMPM
Section 17: S/2 SW/4
Section 35: NE/4

based on:

Pan American #5 C.J. Holder
B-16-28N-13W
IP 184 BOPD

Pan American #4 C.J. Holder
D-16-28N-13W
IP 192 BOPD

Pan American #4 Navajo "G"
M-17-29N-14W
IP 275 BOPD

Humble Oil & Refining #7 Navajo "L"
O-35-29N-14W
IP 264 BOPD

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

1 well
TOWNSHIP 30 NORTH, RANGE 16 WEST, NMPM
Section 1: SW/4 SE/4

based on:

P-M Drilling Co. #1-1 Navajo
H-1-30N-16W
IP 72 BOPD

- (h) Extend the Otero-Gallup Oil Pool boundary in Rio Arriba County, New Mexico, to include therein:

1 well
TOWNSHIP 24 NORTH, RANGE 5 WEST, NMPM
Section 8: E/2
Section 9: N/2 SW/4

based on:

Continental Oil Co. #9-1 Haynes Apache
L-9-24N-5W
IP 74 BOPD

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

3 wells
TOWNSHIP 29 NORTH, RANGE 13 WEST, NMPM
Section 29: W/2 NE/4 and SE/4 NE/4
Section 34: S/2

based on:

Astec Oil & Gas #8 Hagood "G"
G-29-29N-13W
IP 336 BOPD

Astec Oil & Gas #10 Hagood "G"
J-34-29N-13W
IP 360 BOPD

-4-
Case No. 2217

Astec Oil & Gas #12 Hagoood "G"
L-34-29N-13W
IP 237 BOPD

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

3 well,

TOWNSHIP 30 NORTH, RANGE 16 WEST, NORTH
Section 1: NW/4 SE/4

TOWNSHIP 31 NORTH, RANGE 15 WEST, NORTH
Section 25: SE/4
Section 36: NE/4

based on:

P-H Drilling Co. #1-2 Navajo
J-1-30N-16W
IP 84 BOPD

Humble Oil & Ref. #3 Ute "B"
I-25-31N-15W
IP 32 BOPD

Humble Oil & Ref. #4 Ute "B"
A-36-31N-15W
IP 8 BOPD

**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. 2217
Order No. R-1908**

**THE APPLICATION OF THE OIL
CONSERVATION COMMISSION UPON
ITS OWN MOTION FOR AN ORDER
CREATING, ABOLISHING 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 March 15, 1961, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 17th day of March, 1961, 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 Dakota formation, said pool to bear the designation Salt Creek-Dakota Oil Pool. Said Salt Creek-Dakota Oil Pool was discovered by King Oil Company Navajo "C" Well No. 1-X, located in the SW/4 NW/4 of Section 4, Township 30 North, Range 17 West, NMPM. It was completed July 21, 1958. The top of the producing zone is at 1039 feet.

(3) That there is need for the abolishment of the Pine Lake-Pictured Cliffs pool in Rio Arriba County, New Mexico, and thereby be included in the extension of the Gavilan Pool, as they are contiguous and produce from the same reservoir.

(4) That there is need for certain extensions to the Gavilan-Pictured Cliffs Pool and to the Otero-Gallup Oil Pool, in Rio

-2-

CASE No. 2217
Order No. R-1908

Arriba County, New Mexico, and to the Angels Peak-Gallup Oil Pool, to the Bisti-Lower Gallup Oil Pool, to the Cha Cha-Gallup Oil Pool, to the Horseshoe-Gallup Oil Pool, to the Totah-Gallup Oil Pool and to the Verde-Gallup Oil Pool all in San Juan County, New Mexico.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 30 NORTH, RANGE 17 WEST, NMPM
Section 4: SW/4 NW/4 and NW/4 SW/4
Section 5: SE/4 NE/4 and NE/4 SE/4

(b) That the Pine Lake-Pictured Cliffs Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby abolished.

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

TOWNSHIP 25 NORTH, RANGE 2 WEST, NMPM
Section 4: W/2
Section 5: NE/4
Section 9: SE/4

TOWNSHIP 26 NORTH, RANGE 2 WEST, NMPM
Section 7: S/2 (partial)
Section 8: SW/4
Section 18: All (partial)
Section 19: All (partial)
Section 20: W/2
Section 29: All
Section 30: All (partial)
Section 31: All (partial)
Section 32: N/2 and SE/4

TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM
Section 1: All
Section 2: All
Section 3: E/2
Section 10: E/2
Section 11: All
Section 12: All
Section 13: All
Section 14: E/2
Section 23: NE/4
Section 24: All
Section 25: E/2

CASE No. 2217
Order No. R-1908

TOWNSHIP 27 NORTH, RANGE 3 WEST, NMPM

Section 11: All (partial)
Section 14 through 18: All
Section 22: All
Section 23: All
Section 24: S/2
Sections 25, 26 and 27: All
Section 34: E/2
Section 35: All
Section 36: W/2

(d) That the Angels Peak-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 26 NORTH, RANGE 10 WEST, NMPM

Section 2: SW/4 and S/2 SE/4
Section 11: N/2

(e) That the Bisti-Lower 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 24 NORTH, RANGE 9 WEST, NMPM

Section 15: S/2
Section 16: W/2 and SE/4
Section 22: N/2 NE/4

(f) That the Cha Cha-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 28 NORTH, RANGE 13 WEST, NMPM

Section 16: N/2

TOWNSHIP 29 NORTH, RANGE 14 WEST, NMPM

Section 17: S/2 SW/4
Section 35: NE/4

(g) 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 1: SW/4 SW/4

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

TOWNSHIP 24 NORTH, RANGE 5 WEST, NMPM

Section 8: E/2
Section 9: W/2 SW/4

-4-

CASE No. 2217
Order No. R-1908

(i) That the Totah-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 29 NORTH, RANGE 13 WEST, NMPM
Section 29: W/2 NE/4 and SE/4 NE/4
Section 34: S/2

(j) That the Verde-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 1: NW/4 SE/4

TOWNSHIP 31 NORTH, RANGE 15 WEST, NMPM
Section 25: SE/4
Section 36: NE/4

IT IS FURTHER ORDERED:

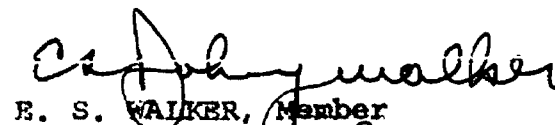
That the effective date of this order and of all the creations, abolishments, and extensions included herein shall be April 1, 1961.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



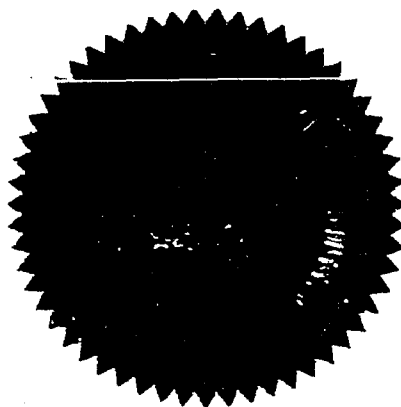
EDWIN L. MECHEM, Chairman



E. S. WALKER, Member



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



esr/

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
March 15, 1961

IN THE MATTER OF:)

Northwestern New Mexico nomenclature)
case calling for an order for the)
creation of a pool and the extension)
of existing pools in San Juan, and)
Rio Arriba Counties, New Mexico.)

Case 2217

BEFORE: Honorable Edwin L. Mechem
Mr. A. L. Porter, Chairman
Mr. E. S. (Johnny) Walker
Mr. O. E. Payne

TRANSCRIPT OF HEARING

MR. PORTER: The next case on the docket is Case 2217.

MR. PAYNE: Case 2217. Northwestern New Mexico nomenclature case calling for an order for the creation of a pool and the extension of existing pools in San Juan and Rio Arriba Counties, New Mexico.

(Witness sworn.)

A. R. KENDRICK

called as a witness, having been first duly sworn, testified as follows:

DIRECT EXAMINATION

BY MR. PAYNE:

Q State your name and position, please.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE C 3-6691

ALBUQUERQUE, NEW MEX CO



A A. R. Kendrick, Engineer for the Oil Conservation Commission.

Q Mr. Kendrick, in your capacity as Engineer for the Oil Conservation Commission, have you made a study concerning the necessity of creating a new oil pool and extending existing pools in San Juan and Rio Arriba Counties, New Mexico?

A I have.

Q What are your recommendations concerning the creation of a new pool to Dakota production?

A It is recommended that a new pool be created in San Juan County and designated as the Salt Creek-Dakota Oil Pool, on the basis of four wells presently producing; the discovery well being the King Oil Company No. 1-X Navajo "C", located in Township 30 North, Range 17 West, with the initial IP of 192 barrels of oil per day, completed July 21, 1958, with casing shoe at 1,039 feet.

Q Mr. Kendrick, have you a recommendation concerning the abolishment of the Pine Lake-Pictured Cliffs Pool?

A It is recommended that the pool be abolished so that the two pools may be joined into the existing Gavilan-Pictured Cliffs Pool, to have all the wells producing from one common source of supply in one pool.

Q What are your recommendations concerning the extension of the Gavilan-Pictured Cliffs Pool?

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ALBUQUERQUE, NEW MEXICO



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PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO

A It is recommended that the pool be extended as shown in Paragraph (c) of Exhibit 1, plus an unadvertized portion being Township 25 North, Range 2 West, Section 9, Southeast Quarter. This recommendation is based on three wells completed in this pool plus all the wells presently identified as Pine Lake-Pictured Cliffs Pool wells.

Q What are your recommendations concerning the extension of the Angels Peak-Gallup Oil Pool?

A It is recommended that the oil pool be extended as shown in Paragraph (d) on the basis of one completion.

Q What is your recommendation concerning the extension of the Bisti-Lower Gallup Oil Pool?

A It is recommended that this pool be extended as shown in Paragraph (e) of Exhibit 1 on the basis of two wells producing.

Q What are your recommendations concerning the extension of the Cha Cha-Gallup Oil Pool?

A It is recommended that the pool be extended as shown in Paragraph (f) of Exhibit 1 on the basis of four wells completed therein.

Q What are your recommendations concerning the extension of the Horseshoe-Gallup Oil Pool?

A It is recommended that the pool be extended as shown in Paragraph (g) of Exhibit 1 on the basis of one new completion therein.



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Q What are your recommendations concerning the extension of the Otero-Gallup Oil Pool?

A It is recommended that pool be extended as shown in Paragraph (h) of Exhibit 1 on the basis of one well completed therein.

Q What are your recommendations concerning the extension of the Totah-Gallup Oil Pool?

A It is recommended that pool be extended as shown in Paragraph (i) of Exhibit 1 on the basis of three new completions therein.

Q What are your recommendations concerning the extension of the Verde-Gallup Oil Pool?

A It is recommended that pool be extended as shown in Paragraph (j) of Exhibit 1 on the basis of three new completions therein.

Q You have prepared an exhibit either by you or under your supervision that is designated as Exhibit 1, Case 2217?

A I have.

(Whereupon, Commission's Exhibit 1 was marked for identification.)

MR. PAYNE: We move for the introduction of this exhibit.

MR. PORTER: Without any objections it will be admitted into the record. The witness may be excused.
(Witness excused.)



MR. PORTER: We have received a communication from Continental Oil Company relative to Case 2217. Will you read it into the record, please?

MR. PAYNE: "Continental Oil Co. has no objection to Section H of Case Number 2217. However, we would like to appraise the Commission that Continental intends to drill an offset well to its Northeast Haynes Apache 9-1 Well located in Section 9, Township 24 North, Range 5 West. At that time it is our intent to request that the Commission establish special field rules for the Northeast Haynes block including multiple string completions of such wells." Signed by William M. Griffith, Attorney.

MR. PORTER: Anyone else have anything to be offered in this case? The Commission will take Case 2217 under advisement. The hearing is adjourned.

(Whereupon, the hearing was adjourned.)

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO



STATE OF NEW MEXICO)
) SS
 COUNTY OF BERNALILLO)

I, PAT GOMIA, Notary Public, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, is a true and correct record to the best of my knowledge, skill and ability.

IN WITNESS WHEREOF I have affixed my hand and notarial seal this 28th day of April, 1961.

Patricia A. Gomia

 NOTARY PUBLIC

My commission expires:

DIARNLEY-MEIER REPORTING SERVICE, Inc.

ALBUQUERQUE, NEW MEXICO

PHC NE CH 3-6691



The following is recommended for the Northwest Nomenclature Case for March, 1961:

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

TOWNSHIP 30 NORTH, RANGE 17 WEST, NMPM
Section 4: SW/4 NE/4 and NE/4 SW/4
Section 5: SE/4 NE/4 and NE/4 SE/4

based on:

King Oil Company #1-X Navajo "C" (Discovery Well)
E-4-30N-17W
IP 192 BOPD
Completed 7-21-58
Casing shoe @ 1039.

King Oil Company #4 Navajo "A"
L-4-30N-17W
IP 33 BOPD

King Oil Co. #3 Navajo "G"
H-5-30N-17W
IP 24 BOPD

King Oil Co. #1 Navajo "H"
I-5-30N-17W
IP 59 BOPD

- (b) Abolish the Pine-Lake Pictured Cliffs Pool in Rio Arriba County, New Mexico, for the purpose of joining two pools producing from a common source of supply, to be known as the Gavilan-Pictured Cliffs Pool.
- (c) Extend the Gavilan-Pictured Cliffs Pool boundary in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 2 West, NMPM
Section 4: W/2
Section 5: NE/4

TOWNSHIP 26 NORTH, RANGE 2 WEST, NMPM
Section 29: NE/4

Plus all the area of the Pine-Lake Pictured Cliffs Pool:

TOWNSHIP 26 NORTH, RANGE 2 WEST, NMPM
Section 7: S/2 (partial)
Section 8: SW/4
Section 18: All (partial)
Section 19: All (partial)
Section 20: W/2
Section 29: W/2 & SE/4
Section 30: All (partial)
Section 31: All (partial)
Section 32: N/2 & SE/4

TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM
Section 1: All
Section 2: All
Section 3: E/2
Section 10: E/2
Section 11: All
Section 12: All
Section 13: All
Section 14: E/2

Section 23: NE/4
Section 24: ALL
Section 25: E/2

TOWNSHIP 27 NORTH, RANGE 3 WEST, NMPM

Section 11: All (partial
All of Sections 14 through 18, inclusive
Section 22: All
Section 23: All
Section 24: S/2
Section 25: All
Section 26: All
Section 27: All
Section 34: E/2
Section 35: All
Section 36: W/2

Plus an unadvertised portion being:

TOWNSHIP 25 NORTH, RANGE 2 WEST, NMPM

Section 9: SE/4

based on:

John A. Egan #1 Jillson
D-4-25N-2W
IP 1050 MCFFPD

John A. Egan #1 Alexander
G-29-26N-2W
IP 3069 MCFFPD

Greenbrier Oil Co. #1 Stevenson-Boring
P-9-25N-2W
IP 1057 MCFFPD; SICP 825#/7 days

Plus all wells heretofore classified as Pine-Lake-Pictured
Cliffs Pool wells.

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

TOWNSHIP 26 NORTH, RANGE 10 WEST, NMPM

Section 2: SW/4 and S/2 SE/4
Section 11: N/2

based on:

El Paso Natural Gas #116 Huerfano Unit
C-11-26N-10W
Recovering Frac oil.

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

TOWNSHIP 24 NORTH, RANGE 9 WEST, NMPM

Section 15: S/2
Section 16: W/2 and SE/4
Section 22: N/2 NE/4

based on:

Gulf Oil Corporation #1-X South Huerfano Federal
M-15-24N-9W
IP 2725 MCFFPD

Gulf Oil Corp. #1 Largo Federal "B"
A-22-24N-9W
IP 22 BOPD

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

TOWNSHIP 28 NORTH, RANGE 13 WEST, NMPM
Section 16: N/2

TOWNSHIP 29 NORTH, RANGE 14 WEST, NMPM
Section 17: S/2 SW/4
Section 35: NE/4

based on:

Pan American #5 C.J. Holder
B-16-28N-13W
IP 184 BOPD

Pan American #4 C.J. Holder
D-16-28N-13W
IP 192 BOPD

Pan American #4 Navajo "G"
M-17-29N-14W
IP 275 BOPD

Humble Oil & Refining #7 Navajo "L"
G-35-29N-14W
IP 264 BOPD

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

TOWNSHIP 30 NORTH, RANGE 16 WEST, NMPM
Section 1: SW/4 SW/4

based on:

P-M Drilling Co. #1-1 Navajo
M-1-30N-16W
IP 72 BOPD

- (h) Extend the Otero-Gallup Oil Pool boundary in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 5 WEST, NMPM
Section 8: E/2
Section 9: W/2 SW/4

based on:

Continental Oil Co. #9-1 Haynes Apache
L-9-24N-5W
IP 74 BOPD

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

TOWNSHIP 29 NORTH, RANGE 13 WEST, NMPM
Section 29: W/2 NE/4 and SE/4 NE/4
Section 34: S/2

based on:

Aztec Oil & Gas #8 Hagood "G"
G-29-29N-13W
IP 336 BOPD

Aztec Oil & Gas #10 Hagood "G"
J-34-29N-13W
IP 360 BOPD

Case No. 2217

Artes Oil & Gas #12 Hagood "G"
L-34-29N-13W
IP 237 BOPD

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

TOWNSHIP 30 NORTH, RANGE 16 WEST, NMPH
Section 18 NW/4 SE/4

TOWNSHIP 31 NORTH, RANGE 15 WEST, NMPH
Section 25: SE/4
Section 36: NE/4

based on:

F-M Drilling Co. #1-2 Navajo
J-1-30N-16W
IP 84 BOPD

Humble Oil & Ref. #3 Ute "B"
I-25-31N-15W
IP 32 BOPD

Humble Oil & Ref. #4 Ute "B"
A-36-31N-15W
IP 8 BOPD

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, President

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International Letter Telegram

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

LA012 KA065

K DVB082 NL PD=DENVER COLO 14=

A L PORTER JR=

STATE LAND BLDG SANTA FE NMEX=

CONTINENTAL OIL CO HAS NO OBJECTION TO SECTION 9 OF
CASE NUMBER 2217. HOWEVER WE WOULD LIKE TO APPRAISE
THE COMMISSION THAT CONTINENTAL INTENDS TO DRILL AN
OFFSET WELL TO ITS NORTHEAST HAYNES APACHE 9-1 WELL
LOCATED IN SECTION 9 TOWNSHIP 24 NORTH RANGE 5 WEST.
AT THAT TIME IT IS OUR INTENT TO REQUEST THAT THE
COMMISSION ESTABLISH SPECIAL FIELD RULES FOR THE NORTHEAST
HAYNES BLOCK INCLUDING MULTIPLE STRING COMPLETIONS OF
SUCH WELLS=

WILLIAM M GRIFFITH ATTORNEY== CONCERNING ITS SERVICE

(3) That there is need for the abolishment of the Pine Lake-Pictured Cliffs Pool in Rio Arriba County, New Mexico, and thereby be included in the extension of the Gavilan Pool, as they are contiguous and produce from the same reservoir

(4) That there is need for certain extensions to the Gavilan-Pictured Cliffs Pool, ^{and to the Otter-Gallup Oil Pool} in Rio Arriba County, New Mexico, and to the Angels Peak-Gallup Oil Pool, to the Bisti-Lower Gallup Oil Pool, to the Cha Cha-Gallup Oil Pool, to the Horseshoe-Gallup Oil Pool, to the Totah-Gallup Oil Pool and to the Verde-Gallup Oil Pool all in San Juan County, New Mexico.

(2) That there is need for the creation of a new pool in San Juan Count y, New Mexico, for the production of Oil from the Dakota formation, said pool to bear the designation Salt Creek-Dakota Oil Pool. Said Salt Creek-Dakota Oil Pool was discovered by King Oil Company Navajo "C" Well No. 1-X, located in the ^{SW 1/4} NW 1/4 of Section 4, Township 30 North, Range 17 West, NMPM. It was completed July 21, 1958. The top of the perforations is at 1039 feet. ~~formation~~

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. 2217
Order No. R-1908

THE APPLICATION OF THE OIL
CONSERVATION COMMISSION UPON
ITS OWN MOTION FOR AN ORDER
Creating, Abolishing 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 March 15, 1961
at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico,
hereinafter referred to as the "Commission."

NOW, on this _____ day of March, 1961, 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.

producing zone

(a) That a new pool in San Juan
County 4, New Mexico, classified as an Oil pool for Dakota
production, be and the same is hereby created and designated as the Salt Creek -
Dakota Oil Pool, consisting of the following described area:

Township 30 North, Range 17 West, NMPM

Section 4: SW/4 NW/4 and NW/4 SW/4

Section 5: SE/4 NE/4 and NE/4 SE/4

(b) That the Pine Lake - Pictured Cliffs Pool in Rio Arriba
County, New Mexico, as heretofore classified, defined and
described, be and the same is hereby abolished

It is ~~that~~ therefore Ordered

(c) That the Cañon-Pictured Cliffs Pool in Rio Arriba
Count 4, New Mexico, as heretofore classified, defined, and described, be and the
same is hereby extended to include therein:

Township 25 North, Range 2 West, NMPM

Section 4: W/2

Section 5: N/2

Section 9: SE/4

Township 26 North, Range 2 West, NMPM

Section 7: S/2 (partial)

Section 8: SW/4

Section 18: All (partial)

Section 19: All (partial)

Section 20: W/2

Section 29: All

Section 30: All (partial)

Section 31: All (partial)

Section 32: N/2 & SE/4

(d) That the Angels Peak-Gallup Oil Pool in San Juan
Count 4, New Mexico, as heretofore classified, defined, and described, be and the
same is hereby extended to include therein:

Township 26 North, Range 10 West, NMPM

Section 2: SW/4 & S/2 SE/4

Section 11: N/2

(e) That the Bisti-Lower Gallup Oil Pool in San Juan
County 4, New Mexico, as heretofore classified, defined, and described, be and the
same is hereby extended to include therein:

Township 24 North, Range 9 West, NM PM

Section 15: S/2

Section 16: W/2 & SE/4

Section 22: N/2 NE/4

(f) That the Cha Cha-Gallup Oil Pool in San Juan
County 4, New Mexico, as heretofore classified, defined, and described, be and the
same is hereby extended to include therein:

Township 28 North, Range 13 West, NM PM
Section 16: N/2

Township 29 North, Range 14 West, NM PM

Section 17: S/2 SW/4

Section 35: NE/4

(g) That the Horseshoe - Gallup Oil Pool in San Juan
County 4, 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 1: SW $\frac{1}{4}$ SW $\frac{1}{4}$

(h) That the Otero - Gallup Oil Pool in Rio Arriba
County 4, New Mexico, as heretofore classified, defined, and described, be and the
same is hereby extended to include therein:

Township 24 North, Range 5 West, NMPM
Section 8: E $\frac{1}{2}$
Section 9: W $\frac{1}{2}$ SW $\frac{1}{4}$

(i) That the Totah-Gallup Oil Pool in San Juan
Count 4, New Mexico, as heretofore classified, defined, and described, be and the
same is hereby extended to include therein:

Township 29 North, Range 13 West, NM PM

Section 29: W/2 NE/4 & SE/4 NE/4

Section 34: S/2

(j) That the Verde-Gallup Oil Pool in San Juan
Count 4, New Mexico, as heretofore classified, defined, and described, be and the
same is hereby extended to include therein:

Township 30 North, Range 16 West, NM PM

Section 1: NW/4 SE/4

Township 31 North, Range 15 West, NM PM

Section 25: SE/4

Section 36: NE/4

Township 26 North, Range 3 West, NMPM

Section 1: All

Section 2: All

Section 3: E/2

Section 10: E/2

Section 11: All

Section 12: All

Section 13: All

Section 14: E/2

Section 23: NE/4

Section 24: All

Section 25: E/2

Township 27 North, Range 3 West, NMPM

Section 11: All (Partial)

Sections 14 thru 18: All

Section 22: All

Section 23: All

Section 24: S/2

Sections 25, 26 & 27: All

Section 34: E/2

Section 35: All

Section 36: W/2