

CASE 2531:

NORTHWESTERN NEW MEXICO  
NOMENCLATURE

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452 / 10.

2531

dition, Transcript,  
all Exhibits, Etc.

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. 2531  
Order No. R-2222

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on April 18, 1962, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico hereinafter referred to as the "Commission."

NOW, on this 23rd day of April, 1962, 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 certain extensions to the Boulder-Nancos Oil Pool and to the Puerto Chiquito-Gallup Oil Pool in Rio Arriba County, New Mexico, to the Flora Vista-Mesaverde Pool, to the Cha Cha-Gallup Oil Pool and to the Totah-Gallup Oil Pool in San Juan County, New Mexico, and to the South Blanco-Pictured Cliffs Pool in Rio Arriba and San Juan Counties, New Mexico.

IT IS THEREFORE ORDERED:

(a) That the South Blanco-Pictured Cliffs Pool in Rio

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CASE NO. 2531

Order No. R-2222

Arriba and San Juan Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 NORTH, RANGE 1 WEST, NMPM

Section 6: NW/4

(b) That the Flora Vista-Mesaverde Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein;

TOWNSHIP 30 NORTH, RANGE 12 WEST, NMPM

Section 28: S/2

(c) That the Boulder-Mancos Oil Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 28 NORTH, RANGE 1 WEST, NMPM

Section 23: W/2

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

TOWNSHIP 28 NORTH, RANGE 13 WEST, NMPM

Section 15: S/2 NW/4

Section 24: S/2 SE/4

Section 25: S/2 NE/4

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

TOWNSHIP 27 NORTH, RANGE 1 EAST, NMPM

Section 29: N/2 SW/4 (partial)

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

TOWNSHIP 28 NORTH, RANGE 12 WEST, NMPM

Section 18: N/2 NW/4

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CASE NO. 2531

Order No. R-2222

IT IS FURTHER ORDERED:

That the effective date of this order and all extensions included herein shall be May 1, 1962.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION



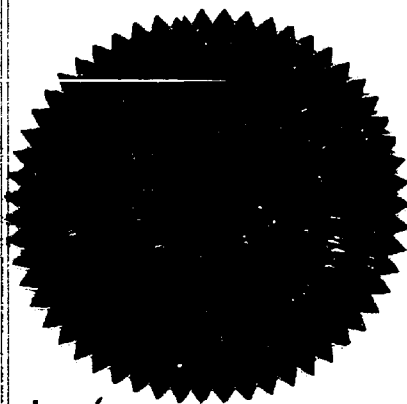
EDWIN L. MEEHAN, Chairman



E. S. WALKER, Member



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



iqg/

No. 12-62

DOCKET: REGULAR HEARING - WEDNESDAY - APRIL 18, 1962

OIL CONSERVATION COMMISSION - 9 A.M. - MORGAN HALL, STATE LAND OFFICE  
BUILDING, SANTA FE, NEW MEXICO

- ALLOWABLE (1) Consideration of the oil allowable for May, 1962.
- (2) Consideration of the allowable production of gas for May, 1962 from ten prorated pools in Lea and Eddy Counties, New Mexico, also consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico, for May, 1962.

CASE 2504: (Continued)  
Application of Consolidated Oil & Gas, Inc. for an amendment of Order No. R-1670-C to establish an allocation formula for the Basin-Dakota Gas Pool, San Juan, Rio Arriba and Sandoval Counties, New Mexico, which will differ from the allocation formula prescribed for the prorated gas pools of Northwest New Mexico by Rule 9 (C) of Order No. R-1670.

Applicant recommends an allocation formula based 60 percent on acreage and 40 percent on acreage times deliverability. The Commission also may consider the establishment of minimum and maximum allowables for the Basin-Dakota Gas Pool.

CASE 2049: (Reopened)  
Application of the Oil Conservation Commission on its own motion to reconsider the special rules and regulations for the Devils Fork-Gallup Pool, Rio Arriba County, New Mexico.

Case 2049 will be reopened pursuant to Order No. R-1670-B to permit interested parties to appear and present testimony relative to the effectiveness of the special rules and regulations for the Devils Fork-Gallup Pool.

CASE 1641: (Reopened)  
Application of the Oil Conservation Commission on its own motion to reconsider the special rules and regulations for the Angels Peak-Gallup Oil Pool, San Juan County, New Mexico.

Case 1641 will be reopened pursuant to Order No. R-1410-C to permit interested parties to appear and present testimony relative to the effectiveness of the special rules and regulations for the Angels Peak-Gallup Oil Pool.

CASE 2530: Southeastern New Mexico nomenclature case calling for an order creating new pools and extending, contracting and changing the vertical limits of certain existing pools in Eddy, Lea and Roosevelt Counties, New Mexico.

(a) Create a new oil pool for Grayburg production, designated as the West Anderson Ranch-Grayburg Pool, and described as:

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM  
Section 7: NW/4

(b) Create a new oil pool for Queen-Grayburg-San Andres production, designated as the Bear Draw Queen-Grayburg-San Andres Pool, and described as:

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM  
Section 28: E/2

(c) Create a new oil pool for Delaware production, designated as the U. S. Delaware Pool, and described as:

TOWNSHIP 21 SOUTH, RANGE 29 EAST, NMPM  
Section 27: SW/4

(d) Create a new oil pool for Abo production, designated as the Double A-Abo Pool, and described as:

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM  
Section 20: NE/4

(e) Create a new oil pool for Delaware production, designated as the Salado Draw-Delaware Pool, and described as:

TOWNSHIP 26 SOUTH, RANGE 33 EAST, NMPM  
Section 15: NW/4

(f) Create a new oil pool for Blinebry production, designated as the East Weir-Blinebry Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM  
Section 11: NE/4

(g) Change the Vertical Limits of the Mescalero-Pennsylvanian Pool from Pennsylvanian to Permo-Pennsylvanian inasmuch as several wells are presently completed in both the Wolfcamp and Pennsylvanian formations.

- (h) Contract the High Lonesome Pool by the deletion of the following described area:

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM

Section 20: NE/4

Section 21: All

Section 28: All

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

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM

Section 2: W/2 NW/4

- (j) Extend the North Benson-Queen Pool to include therein; and extend the vertical limits to include the Grayburg formation as the result of a completion in the Grayburg formation.

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM

Section 27: S/2 S/2

Section 34: SW/4 NE/4 & E/2 NE/4

Section 35: NW/4

- (k) Extend the Double X-Delaware Pool to include:

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM

Section 22: SE/4

- (l) Extend the Eumont Gas Pool to include:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM

Section 8: NE/4

Section 16: SW/4

- (m) Extend the South Eunice Pool to include:

TOWNSHIP 22 SOUTH, RANGE 36 EAST, NMPM

Section 24: SW/4

- (n) Extend the Henshaw-Wolfcamp Pool to include:

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM

Section 13: SW/4

- (o) Extend the Jackson-Abo Pool to include:



TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM

Section 23: S/2

- (p) Extend the North Justis-Blinebry Pool to include:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM

Section 1: SW/4

- (q) Extend the Lazy J (Pennsylvanian) Pool to include:

TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM

Section 26: W/2 NE/4

- (r) Extend the Maljamar Pool to include:

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM

Section 32: SW/4

- (s) Extend the Milnesand-San Andres Pool to include:

TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM

Section 19: N/2 NW/4

- (t) Extend the South Prairie-Pennsylvanian Pool to include:

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM

Section 15: SW/4

Section 16: SE/4

- (u) Extend the East Red Lake-Queen Pool to include:

TOWNSHIP 17 SOUTH, RANGE 28 East, NMPM

Section 12: SW/4

- (v) Extend the Square Lake Pool to include:

TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM

Section 27: N/2 NW/4

CASE 2531:

Northwestern New Mexico nomenclature case calling for an order extending existing pools in Rio Arriba and San Juan Counties.

- (a) Extend the South Blanco-Pictured Cliffs Pool to include:

TOWNSHIP 23 NORTH, RANGE 1 WEST, NMPM

Section 6: NW/4

- (b) Extend the Flora Vista-Mesaverde Pool to include:

TOWNSHIP 30 NORTH, RANGE 12 WEST, NMPM  
Section 28: S/2

- (c) Extend the Boulder-Mancos Oil Pool to include:

TOWNSHIP 28 NORTH, RANGE 1 WEST, NMPM  
Section 23: W/2

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

TOWNSHIP 28 NORTH, RANGE 13 WEST, NMPM  
Section 15: S/2 NW/4  
Section 24: S/2 SE/4  
Section 25: E/2 NE/4

- (e) Extend the Puerto Chiquito-Gallup Oil Pool to include:

TOWNSHIP 27 NORTH, RANGE 1 EAST, NMPM  
Section 29: N/2 SW/4 (partial)

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

TOWNSHIP 28 NORTH, RANGE 12 WEST, NMPM  
Section 18: N/2 NW/4

GOVERNOR  
EDWIN L. MECHEM  
CHAIRMAN

State of New Mexico  
**Oil Conservation Commission**  
1002 MAR 27 AM 11 18

LAND COMMISSIONER  
E. S. JOHNNY WALKER  
MEMBER

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

1000 RIO BRAZOS ROAD  
AZTEC

March 25, 1962

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

RE: Northwest Nomenclature Case  
April 18, 1962

Dear Ida:

The ad for subject case may read as follows:

RIO ARRIBA COUNTY  
Boulder-Mancos Oil Pool  
Puerto Chiquito-Gallup Oil Pool

San-Juan County  
Flora Vista-Mesaverde Pool  
Cha Cha-Gallup Oil Pool  
Totah-Gallup Oil Pool

RIO ARRIBA & SAN JUAN COUNTIES  
South Blanco-Pictured Cliffs Pool

Paragraph sheets showing the exact acreage and wells are attached.

Yours very truly,

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

Attachments

( a ) Extend the South Blanco-Pictured Cliffs

boundary in Rio Arriba & San Juan

New Mexico, to include therein:

PLANNING OFFICE CCC

Pool

1982 MAR 27 Cont. 18

✓ TOWNSHIP 23 NORTH, RANGE 1 WEST, NMPH,  
Section 6: NW/4

Based on:

Shar-Alan Oil Co. #1 Hall-Federal  
C-6-23N-1W  
IP 1300 MCFPD (est)

( b ) Extend the Flora Vista-Mesaverde Pool  
boundary in San Juan Count Y,  
New Mexico, to include therein:

Based on:

✓ TOWNSHIP 30 NORTH, RANGE 12 WEST, NMPH,  
Section 28: S/2

Redfern & Herd #1 Johnston  
1-28-30N-12W  
AOF 2773 MCFPD: SICP 1260#

( c ) Extend the Boulder-Mancos Oil Pool  
boundary in RioArriba Count Y ,  
New Mexico, to include therein:

✓ TOWNSHIP 28 NORTH, RANGE 1 WEST, NMPM.  
Section 23: W/2

Based on:

Socony Mobil #21-23 Boulder Apache  
C-23-28N-1W  
IP 297 BOPD

Socony Mobil #14-23 Boulder apache  
H-23-28N-1W  
IP 149 BOPD

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

TOWNSHIP 28 NORTH, RANGE 13 WEST, NMPH.

- Section 15: S/2 NW/4
- Section 24: S/2 SE/4
- Section 25: E/2 NE/4

Based on:

Benson-Montin-Greer #7 Jones  
E-15-28N-13W  
IP 48 BOPD

Pan American #120 Gallegos Canyon Unit  
A-25-28N-13W  
IP 171 BOPD

( e ) Extend the Puerto Chiquito-Gallup Oil Pool  
boundary in Rio Arriba Count y,  
New Mexico, to include therein:

✓ TOWNSHIP 27 NORTH, RANGE 1 EAST, NMPH,  
Section 29: N/2 SW/4 (partial)

Based on:

R. L. Bayless #1 Betsy  
L-29-27N-1E  
IP 16 BOPD



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

✓ TOWNSHIP 28 NORTH, RANGE 12 WEST, NMPH,  
Section 18: N/2 NW/4

Based on:

Sunray #122 Gallegos Canyon Unit  
D-18-28N-12W  
IP 68 BOPD

Recommendations for the Northwest Nomenclature Case, April 18, 1962.

- (a) Extend the South Blanco-Pictured Cliffs Pool boundary in Rio Arriba and San Juan Counties, New Mexico, to include therein:

TOWNSHIP 23 NORTH, RANGE 1 WEST, NMPN  
Section 6: NW/4

based on:

Shar-Alan Oil Company #1 Hall-Federal  
C-6-23N-1W  
IP 1300 MCPPD (est.)

- (b) Extend the Flora Vista-Mesaverde Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 30 NORTH, RANGE 12 WEST, NMPN  
Section 28: S/2

based on:

Redfern & Herd #1 Johnston  
I-28-30N-12W  
AOF 2773 MCPPD; SICP 1260#

- (c) Extend the Boulder-Mancos Oil Pool boundary in Rio Arriba County, New Mexico to include therein:

TOWNSHIP 28 NORTH, RANGE 1 WEST, NMPN  
Section 23: W/2

based on:

Socony Mobil #21-23 Boulder Apache  
C-23-28N-1W  
IP 297 BOPD

Socony Mobil #14-23 Boulder Apache  
N-23-28N-1W  
IP 149 BOPD

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

TOWNSHIP 26 NORTH, RANGE 13 WEST, NMPN  
Section 15: S/2 NW/4  
Section 24: S/2 SE/4  
Section 25: E/2 NE/4

based on:

Benson-Montin-Greer #7 Jones  
E-15-26N-13W  
IP 48 BOPD

Pan American #120 Gallegos Canyon Unit  
A-25-26N-13W  
IP 171 BOPD

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

TOWNSHIP 27 NORTH, RANGE 1 EAST, NMPN  
Section 29: N/2 SW/4 (partial)

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Case No. 2531

based on:

K. L. Bayless #1 Betsy  
L-22-27N-1E  
IP 16 BOPD

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

TOWNSHIP 22 NORTH, RANGE 12 WEST, NMPN  
Section 18: N/2 NW/4

based on:

Sunray #122 Gallegos Canyon Unit  
D-18-28N-12W  
IP 68 BOPD

BEFORE THE  
OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
April 21, 1962

REGULAR HEARING

IN THE MATTER OF:

Northwestern New Mexico nomenclature case call-  
ing for an order extending existing pools in  
Rio Arriba and San Juan Counties.

CASE 2531

BEFORE: Governor Edwin L. Mechem  
Mr. A. L. (Pete) Porter  
Mr. E. S. (Johnny) Walker

TRANSCRIPT OF PROCEEDINGS

MR. PORTER: We will take up next Case 2531.

MR. MORRIS: Northwestern New Mexico nomenclature case.  
(Witness sworn.)

E. C. ARNOLD

called as a witness, having been first duly sworn on oath, testi-  
fied as follows:

DIRECT EXAMINATION

BY MR. MORRIS:

Q Will the witness please state his name and position?

A E. C. Arnold, Supervisor, District 3 of the Oil Conser-  
vation Commission.

Q Mr. Arnold, in your position with the Commission, is it  
your duty from time to time to recommend the extensions of certain

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.  
PHONE 325-1182

ALBUQUERQUE, N. M.  
PHONE 243-6691



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PHONE 243-6691

pools within your District?

A Yes.

Q Have you come to this hearing prepared to make recommendations concerning the extension of existing pools in Rio Arriba and San Juan Counties?

A Yes, I have.

Q Have you prepared an exhibit to reflect your recommendations?

A Yes.

Q Is that shown as Exhibit No. 1 in Case 2531?

A Yes, it is.

Q Is it your recommendation that the pools listed on Exhibit No. 1 in this case be extended as shown upon that exhibit?

A Yes.

Q Do you have anything further you would like to offer in this case?

A No, I don't.

Q Was Exhibit No. 1 prepared by you or under your supervision?

A Yes, sir, under my supervision.

MR. MORRIS: We offer Exhibit No. 1 in Case 2531.

MR. PORTER: The exhibit will be admitted to the record.  
The witness may be excused.

(Witness excused.)

MR. PORTER: If nothing further to be offered in Case



2531, we will take it under advisement.

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STATE OF NEW MEXICO     )  
                                  ) ss  
COUNTY OF BERNALILLO    )

I, ADA DEARNLEY, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached transcript of proceedings 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 25th day of April, 1962, in the City of Albuquerque, County of Bernalillo, State of New Mexico.

  
NOTARY PUBLIC

My Commission Expires:  
June 19, 1963.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.  
PHONE 325-1182

ALBUQUERQUE, N. M.  
PHONE 243 6691

