

CASE 3637:

NORTHWESTERN NEW MEXICO

NOMENCLATURE

Case No.

3637

Application, Transcript,  
Small 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. 3637  
Order No. R-3299

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on August 16, 1967, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 21st day of August, 1967, 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 Piñon-Fruitland Pool and the Slick Rock-Dakota Oil Pool, both in San Juan County, New Mexico.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPM  
Section 17: W/2

-2-

CASE No. 3637  
Order No. R-3299

(b) That the Slick-Rock Dakota Oil Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 29 NORTH, RANGE 16 WEST, NMPM

Section 6: SW/4

Section 7: NW/4

TOWNSHIP 39 NORTH, RANGE 17 WEST, NMPM

Section 1: E/2 and E/2 SW/4

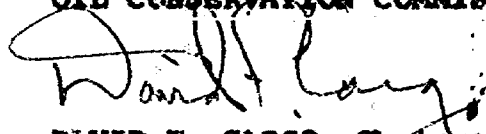
Section 12: NE/4

IT IS FURTHER ORDERED:

That the effective date of this order and all extensions included herein shall be September 1, 1967.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION



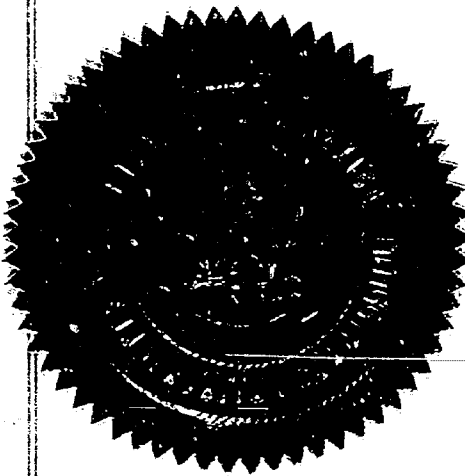
DAVID F. CARGO, Chairman



GUYTON B. HAYS, Member



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



esr/

DOCKET: REGULAR HEARING - WEDNESDAY - AUGUST 16, 1967

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

- ALLOWABLE: (1) Consideration of the oil allowable for September, 1967;
- (2) Consideration of the allowable production of gas for September, 1967, from thirteen prorated pools in Lea, Eddy, and Roosevelt Counties, New Mexico. Consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico, for September, 1967.

CASE 3635: Application of Cities Service Oil Company for an exception to Order No. R-3221, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks an exception to the provisions of Order No. R-3221 to permit the continued use, for emergency purposes, of four unlined surface pits for salt water disposal in its Drickey Queen Sand Unit, Caprock-Queen Pool, Chaves County, New Mexico. The locations of said pits are as follows: Unit L of Section 2; Unit F of Section 3; Unit I of Section 3; and Unit A of Section 16, all in Township 14 South, Range 31 East.

CASE 3636: Application of New Mexico Salt Water Disposal Company, Inc., for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water in a playa lake located in Section 32, Township 10 South, Range 34 East and in Sections 2 and 3, Township 11 South, Range 34 East, Lea County, New Mexico. Applicant proposes to dispose of not more than 15,000 barrels of salt water per day into said lake.

CASE 3637: Northwestern New Mexico nomenclature case calling for an order for the extension of the following pools in San Juan County, New Mexico:

- (a) Extend the Pinon-Fruitland Pool boundary to include therein:

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPM  
SECTION 17: W/2

- (b) Extend the Slick Rock-Dakota Pool boundary to include therein:

TOWNSHIP 29 NORTH, RANGE 16 WEST, NMPM  
SECTION 6: SW/4  
SECTION 7: NW/4

TOWNSHIP 29 NORTH, RANGE 17 WEST, NMPM  
SECTION 1: E/2 & E/2 SW/4  
SECTION 12: NE/4

CASE 3638: Southeastern New Mexico nomenclature case calling for an order for the creation of two pools and the assignment of oil discovery allowables therein, and for the abolishment and horizontal and vertical extension of certain other pools in Lea, Chaves, and Roosevelt Counties, New Mexico:

(a) Create a new pool in Lea County, New Mexico, classified as an oil pool for Abo production and designated as the Northwest Vacuum Abo Pool, comprising the following-described acreage:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM  
SECTION 3: NE/4 SE/4

Further, for the assignment of approximately 43,310 barrels of oil discovery allowable to the discovery well, Mobil Oil Corporation's Bridges State Well No. 122 located in Unit I of said Section 3.

(b) Create a new pool in Lea County, New Mexico, classified as an oil pool for Silurian production and designated as the South McCormack-Silurian Pool, comprising the following-described acreage:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM  
SECTION 16: NE/4 SW/4

Further, for the assignment of approximately 35,930 barrels of oil discovery allowable to the discovery well, Gulf Oil Corporation's R. E. Cole (NCT-A) Well No. 8 located in Unit K of said Section 16.

(c) Abolish the North Bagley-Middle Pennsylvanian Pool in Lea County, New Mexico, described as:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM  
SECTION 10: W/2 and SE/4  
SECTION 15: W/2  
SECTION 16: E/2 and SW/4  
SECTION 17: SE/4  
SECTION 21: N/2  
SECTION 22: W/2 and SE/4

(d) Extend the vertical limits of the North Bagley-Lower Pennsylvanian Pool in Lea County, New Mexico, to include the Middle Pennsylvanian formation with special vertical limits defined as being from 5397 feet subsea to the top of the Mississippian. Type Log: Texas Pacific Oil Company's Collier No. 1 located in Unit F of Section 10, Township 11 South, Range 33 East, NMPM.

(e) Extend the horizontal limits of the North Bagley-Lower Pennsylvanian Pool to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM  
SECTION 17: SE/4  
SECTION 22: W/2 and SE/4

(f) Abolish the Inbe-Wolfcamp Pool in Lea County, New Mexico, described as:

TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM  
SECTION 7: SE/4

(g) Extend the vertical limits of the Inbe-Pennsylvanian Pool in Lea County, New Mexico, to include the Wolfcamp formation and redesignate said pool as Inbe-Permo Pennsylvanian Pool.

(h) Extend the Bar U-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM  
SECTION 1: NE/4

(i) Extend the Chaveroo-San Andres Pool in Chaves and Roosevelt Counties, New Mexico, to include therein:

TOWNSHIP 7 SOUTH, RANGE 32 EAST, NMPM  
SECTION 36: SE/4

TOWNSHIP 7 SOUTH, RANGE 33 EAST, NMPM  
SECTION 14: SW/4  
SECTION 21: NE/4

TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMPM  
SECTION 6: SE/4  
SECTION 11: NW/4

(j) Extend the Inbe-Permo Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM  
SECTION 23: NW/4

TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM  
SECTION 18: E/2 SW/4  
SECTION 19: NW/4

(k) Extend the Middle Lane-Permo Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM  
SECTION 23: NE/4  
SECTION 24: NW/4

# Memo

7-31-67

From

A. R. KENDRICK  
ENGINEER & DEPUTY  
OIL & GAS INSPECTOR

To George Hatch:

*We may not attend the hearing on August 16th.*

*Ida maybe would hold the attached exhibits in  
the case file until the hearing for us.*

*At any rate, here they are.*



MAIN OFFICE

'67 Aug 3 AM 8 00

NMOCC Exhibit No. 1  
Case No. 3637

The following is recommended for the Northwest Nomenclature case for August, 1967:

- (a) Extend the Pinon-Fruitland Pool boundary in San Juan County, New Mexico to include therein:

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPM,  
Section 17: W/2

Based on:

George E. Willett #1 Lucerne Federal  
D-17-28N-11W  
AOF 9546 MCFPD; SICP 578#/7 days

- (b) Extend the Slick Rock-Dakota Oil Pool boundary in San Juan County, New Mexico to include therein:

TOWNSHIP 29 NORTH, RANGE 16 WEST, NMPM,  
Section 6: SW/4  
Section 7: NW/4

TOWNSHIP 29 NORTH, RANGE 17 WEST, NMPM,  
Section 1: E/2 & E/2 SW/4  
Section 12: NE/4

Based on:

Walter Duncan #1 North Hogback 6  
L-6-29N-16W  
IP 77 BOPD

Walter Duncan #2 North Hogback 7  
D-7-29N-16W  
IP 5 BOPD

Walter Duncan #1 North Hogback 7  
E-7-29N-16W  
IP 46 BOPD

Walter Duncan #5 North Hogback 1  
G-1-29N-17W  
IP 75 BOPD

Walter Duncan #2 North Hogback  
J-1-29N-17W  
IP 72 BOPD

Walter Duncan #8 North Hogback 1  
K-1-29N-17W  
IP 20 BOPD

Walter Duncan #2 North Hogback 12  
A-12-29N-17W  
IP 10 BOPD

Walter Duncan #1 North Hogback 12  
H-12-29N-17W  
IP 33 BOPD

MAIN OFFICE

'67 AUG 3 AM 13 00

GOVERNOR  
DAVID F. CARGO  
CHAIRMAN

State of New Mexico  
**Oil Conservation Commission**



LAND COMMISSIONER  
GUYTON B. HAYS  
MEMBER

1000 RIO BRAZOS ROAD  
AZTEC

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

July 21, 1967

*Case 3637*

Mrs. Ida Rodriguez  
Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico

Re: Northwest Nomenclature Case  
August 16, 1967

Dear Ida:

Subject case is rather short this time.

Extend the following pools in San Juan County:

Pinon-Fruitland Pool  
Slick Rock-Dakota Oil Pool

Paragraph sheets are attached.

Yours very truly,

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

ARK:mc

Attachments

MAIN OFFICE

'67 JUL 25 AM 8 21

Case 3637

( a ) Extend the Pinon-Fryitland Pool  
boundary in San Juan Count Y,  
New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPM,  
Section 17: W/2

Based on:

George E. Willett #1 Lucerne Federal  
D-17-28N-11W  
AOF ~~2888~~ MCFPD: SICP 578#/7 days  
9546

MAIN OFFICE OF A

'67 JUL 25 AM 8 21

( b ) Extend the Slick Rock-Dakota Oil Pool  
boundary in San Juan Count Y,  
New Mexico, to include therein:

TOWNSHIP 28 29 NORTH, RANGE 16 WEST, NMPM,

Section 6: SW/4

Section 7: NW/4

TOWNSHIP 29 NORTH, RANGE 17 WEST, NMPM,

Section 1: E/2 & E/2 SW/4

Section 12: NE/4

Based on:

Walter Duncan #1 North Hogback 6  
L-6-29N-16W  
IP 77 BOPD

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IP 5 BOPD

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E-7-29N-16W  
IP 46 BOPD

Walter Duncan #5 North Hogback 1  
G-1-29N-17W  
IP 75 BOPD

Walter Duncan #2 North Hogback  
J-1-29N-17W  
IP 72 BOPD

Walter Duncan #8 North Hogback 1  
K-1-29N-17W  
IP 20 BOPD

Walter Duncan #2 North Hogback 12  
A-12-29N-17W  
IP 10 BOPD

Walter Duncan #1 North Hogback 12  
H-12-29N-17W  
IP 33 BOPD

dearnley-meier reporting service, inc.

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS

1120 SIMAS BLDG. • P. O. BOX 1092 • PHONE 243-4691 • ALBUQUERQUE, NEW MEXICO

BEFORE THE  
NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
August 16, 1967

REGULAR HEARING

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IN THE MATTER OF: )

Northwestern New Mexico )  
nomenclature case calling )  
for an order for the )  
extension of the following )  
pools in San Juan County, )  
New Mexico. )  
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Case No. 3637

BEFORE: A. L. Porter, Examiner

TRANSCRIPT OF HEARING

MR. PORTER: Case 3637.

MR. HATCH: Case 3637. Northwestern New Mexico nomenclature case calling for an order for the extension of the following pools in San Juan County, New Mexico.

(Witness sworn.)

E. C. ARNOLD

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

DIRECT EXAMINATION

BY MR. HATCH:

Q State your name and position for the record?

A E. C. Arnold, District Supervisor of District 3, Oil Conservation Commission.

Q Are you prepared to make recommendations to the Commission concerning extensions of certain pools in San Juan County, New Mexico?

A Yes, sir.

Q Have you prepared or had prepared by someone under your supervision, exhibits relative to your examination?

A Yes, sir. I have.

Q What is the number of the exhibit?

A It's exhibit number 1, Case 3637.

Q Please refer to exhibit number 1 and paragraph A and paragraph B of the Docket in Case 3637 and point out any

corrections that need to be made?

A The exhibit and the Docket are identical.

Q Do you recommend then that the pools be extended as advertised?

A Yes, I do.

MR. HATCH: I would like to move the introduction of exhibit 1 into evidence, at this time.

MR. PORTER: If there are no objections, the exhibit will be admitted.

(Whereupon, exhibit number 1 was offered and admitted into evidence.)

MR. PORTER: Does anyone have a question of Mr. Arnold? No questions. The witness may be excused. Nothing further to be offered in this case, we will take it under advisement and take up Case 3638.

dearnley-meier reporting service, inc.

STATE OF NEW MEXICO )  
COUNTY OF BERNALILLO ) ss.

I, JOE B. JAMESON, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me; and that the same is a true and correct record of the said proceedings, to the best of my knowledge, skill and ability. Witness my Hand and Seal this 22nd day of August, 1967.

*Joe B. Jameson*  
Notary Public

My Commission Expires:  
June 25, 1971.

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1120 SIMMS BLDG. • P.O. BOX 1092 • PHONE 243-4691 • ALBUQUERQUE, NEW MEXICO 87101  
1400 FIRST NATIONAL BANK EAST • PHONE 256-1294 • ALBUQUERQUE, NEW MEXICO 87108