

CASE NO. 2001

CASE No.

5405

Application,

Transcripts,

Small Exhibits

ETC.

EXAMINER HEARING

Case 5405, being the Northwest
Nomenclature case calling for the
creation and extension of certain
pools in San Juan, Sandoval, and
Rio Arriba Counties, New Mexico

CASE NO. 5405

William Carr, Esq.
Legal Counsel for the
Commission
State Land Office Building
Santa Fe, New Mexico

THE NYE REPORTING SERVICE
STATE-WIDE DEPOSITION NOTARIES
225 JOHNSON STREET
SANTA FE, NEW MEXICO 87501
TEL. (505) 962-0386

I N D E X

A. R. KENDRICK

Direct Examination by Mr. Carr.
Cross Examination by Mr. StametsPAGE

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E X H I B I T S

Commission's Exhibit No. 1

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A. R. KENDRICK

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

DIRECT EXAMINATION

BY MR. CARR:

Q Please state your name and position, please?

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

Q Mr. Kendrick, are you prepared to make recommendations to the Commission concerning nomenclature in certain pools in San Juan, Sandoval and Rio Arriba Counties?

A Yes.

Q Are those the only counties you are planning to make recommendations concerning here?

A I am not sure. There might be one in McKinley County.

Q Do you want to take a look at the docket and be sure?

A The three counties you named are the only counties that I would make recommendations on today.

Q Mr. Kendrick, are your recommendations prepared in the form of an exhibit?

A Yes, they are.

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KENDRICK-DIRECT

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Q What are those Exhibits numbered as?

A It is identified as N.M.O.C.C. Exhibit No. 1 in Case 5405, Paragraphs A through T.

Q Would you please refer to this exhibit and to the docket that has been prepared and distributed at this hearing and point out any substantial differences between the two?

A The Docket states in Paragraph D: (Reading)
To extend the vertical limits of the Dufers Point Dakota Oil Pool to include the Gallup formation, rename the pool, and extend the horizontal limits of the Dufers Point Gallup Dakota Oil Pool, as renamed. (End of Reading)

The exhibit requests that the extension vertically be from the top of the Gallup formation through the Dakota producing interval which would include the Gallup formation, the Greenhorn and the Dakota formations. Otherwise, the docket and the exhibit pertain to the same acreage and vertical limits.

Q Is there anything further that you would like to add to your testimony at this time?

A No.

MR. CARR: At this time, Mr. Examiner, I would also offer Oil Conservation Commission's Exhibit No. 1

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in Case 5405.

MR. STAMETS: Exhibit 1 will be admitted.

(Whereupon, Commission's Exhibit No. 1 was marked for identification and admitted into evidence.)

MR. CARR: I have no further questions of this witness.

CROSS EXAMINATION

BY. MR. STAMETS:

Q Mr. Kendrick, is the Greenhorn a member of the Dakota formation or the Gallup formation?

A No, sir, it is in between. The total producing interval is identified as from the base of the Greenhorn 400 feet down, so this would be immediately above the Dakota producing interval.

Q Geologically speaking, is it a part of either one of those formations?

A No.

MR. STAMETS: Are there any other questions of this witness?

He may be excused.

(Witness dismissed.)

MR. STAMETS: Is there anything further in this

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case?

We will take the case under advisement.

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STATE OF NEW MEXICO)
COUNTY OF SANTA FE) SS.

I, RICHARD L. NYE, Court Reporter, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me, and the same is a true and correct record of the said proceedings, to the best of my knowledge, skill and ability.

Richard L. Nye
COURT REPORTER

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 5405, heard by me on 2-5, 1975.

Richard L. Nye, Examiner
New Mexico Oil Conservation Commission

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BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 5405
Order No. R-4963

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:00 a.m. on February 5, 1975, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 18th day of February, 1975, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, 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 gas pool in San Juan County, New Mexico, for the production of gas from the Chacra formation, said pool to bear the designation of Bloomfield-Chacra Pool. Said Bloomfield-Chacra Pool was discovered by the El Paso Natural Gas Company Hubbell No. 9, located in Unit P of Section 19, Township 29 North, Range 10 West, NMPM. It was completed in the Chacra formation on September 4, 1972. The top of the perforations is at 2998 feet.

(3) That there is need for the creation of a new gas pool in San Juan County, New Mexico, for the production of gas from the Pictured Cliffs formation, said pool to bear the designation of Ojo-Pictured Cliffs Pool. Said Ojo-Pictured Cliffs Pool was discovered by the Dugan Production Corporation Pet. Inc. No. 2, located in Unit A of Section 36, Township 28 North, Range 15 West, NMPM. It was completed in the Pictured Cliffs formation on April 20, 1971. The top of the perforations is at 767 feet.

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(4) That there is need for the creation of a new oil pool in Sandoval County, New Mexico, for the production of oil from the Menefee formation, said pool to bear the designation of Rusty-Menefee Oil Pool. Said Rusty-Menefee Oil Pool was discovered by the Chace Oil Company Rusty Federal No 1, located in Unit P of Section 11, Township 22 North, Range 7 West, NMPM. It was completed in the Menefee formation on November 7, 1974. The top of the perforations is at 3383 feet.

(5) That there is need for certain extensions to the East Blanco-Pictured Cliffs Pool, the Devils Fork-Mesaverde Oil Pool, the Gobernador-Pictured Cliffs Pool, the Gonzales-Mesaverde Pool, the West Lindrith-Gallup Dakota Oil Pool, the Otero-Chacra Pool and the Tapacito-Pictured Cliffs Pool, all in Rio Arriba County, New Mexico; the Aztec-Fruitland Pool, the North Aztec-Fruitland Pool, the Cuervo-Mesaverde Oil Pool, the Flora Vista-Mesaverde Pool, the Fulcher Kutz-Pictured Cliffs Pool and the Kutz-Fruitland Pool, all in San Juan County, New Mexico; the Blanco-Mesaverde Pool in Rio Arriba and San Juan Counties, New Mexico; and the Ballard-Pictured Cliffs Pool and South Blanco-Pictured Cliffs Pool in Rio Arriba, San Juan and Sandoval Counties, New Mexico.

(6) That there is need for the extension of the vertical limits of the Dufers Point-Dakota Oil Pool in San Juan County, New Mexico, to include the Gallup formation, and the redesignation of said pool as the Dufers Point Gallup-Dakota Oil Pool; further that there is need for the extension of the horizontal limits of said pool.

IT IS THEREFORE ORDERED:

(a) That a new pool in San Juan County, New Mexico, classified as a gas pool for Chacra production, is hereby created and designated as the Bloomfield-Chacra Pool, consisting of the following-described area:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM

Section 7: SW/4
Section 18: All
Section 19: All
Section 20: NW/4

TOWNSHIP 29 NORTH, RANGE 11 WEST, NMPM

Section 4: SW/4
Section 5: SE/4
Section 9: N/2 & SE/4
Section 10: S/2
Section 11: S/2
Section 12: W/2 & SE/4
Section 13: All
Section 14: E/2
Section 23: E/2
Section 24: All
Section 26: E/2

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(b) That a new pool in San Juan County, New Mexico, classified as a gas pool for Pictured Cliffs production, is hereby created and designated as the Ojo-Pictured Cliffs Pool, consisting of the following-described area:

TOWNSHIP 28 NORTH, RANGE 15 WEST, NMPM
Section 25: S/2
Section 26: SE/4
Section 35: NE/4
Section 36: N/2

(c) That a new pool in Sandoval County, New Mexico, classified as an oil pool for Menefee production, is hereby created and designated as the Rusty-Menefee Oil Pool, consisting of the following-described area:

TOWNSHIP 22 NORTH, RANGE 7 WEST, NMPM
Section 11: SE/4

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

TOWNSHIP 30 NORTH, RANGE 4 WEST, NMPM
Section 23: All

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

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM
Section 16: SW/4 NW/4 & NW/4 SE/4

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

TOWNSHIP 29 NORTH, RANGE 4 WEST, NMPM
Section 19: N/2
Section 20: NW/4

(g) That the Gonzales-Mesaverde Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 25 NORTH, RANGE 6 WEST, NMPM
Section 1: SE/4
Section 12: NE/4

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

TOWNSHIP 25 NORTH, RANGE 4 WEST, NMPM
Section 35: SW/4

(i) That the Otero-Chacra Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM
Section 19: SW/4

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM
Section 21: SE/4
Section 22: S/2

TOWNSHIP 26 NORTH, RANGE 7 WEST, NMPM
Section 23: SE/4
Section 24: SW/4

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

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM
Section 9: SE/4

TOWNSHIP 27 NORTH, RANGE 4 WEST, NMPM
Section 21: S/2
Section 22: SW/4
Section 24: S/2
Section 26: NE/4

TOWNSHIP 28 NORTH, RANGE 5 WEST, NMPM
Section 31: S/2

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

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM
Section 7: SE/4
Section 8: S/2 & NE/4
Section 9: N/2
Section 17: NW/4
Section 18: All
Section 19: All
Section 32: SE/4

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

TOWNSHIP 30 NORTH, RANGE 11 WEST, NMPM
Section 13: N/2

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

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPM
Section 27: SW/4 NW/4

(n) 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 35: E/2

(o) That the Fulcher Kutz-Pictured Cliffs 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 25: NW/4

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

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM
Section 27: NW/4
Section 28: N/2
Section 29: N/2
Section 30: N/2

(q) That the Blanco-Mesaverde Pool in Rio Arriba and San Juan Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 25 NORTH, RANGE 4 WEST, NMPM
Section 3: W/2

(r) That the Ballard-Pictured Cliffs Pool in Rio Arriba, San Juan and Sandoval Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM
Section 21: SW/4

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Case No. 5405

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(s) That the South Blanco-Pictured Cliffs Pool in Rio Arriba, San Juan and Sandoval Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 NORTH, RANGE 1 WEST, NMPM
Section 17: NW/4

TOWNSHIP 24 NORTH, RANGE 3 WEST, NMPM
Section 25: SW/4

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM
Section 19: SW/4

(t) That the vertical limits of the Dufers Point Dakota Oil Pool, as heretofore classified, defined, and described, are hereby extended to include the Gallup formation and said pool is hereby redesignated Dufers Point Gallup Dakota Oil Pool. Further that said pool is hereby extended to include therein:

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPM
Section 2: N/2 & SE/4
Section 11: NE/4
Section 12: W/2

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM
Section 20: SE/4
Section 27: SW/4
Section 28: S/2
Section 29: E/2
Section 34: N/2
Section 35: W/2

IT IS FURTHER ORDERED:

(1) That, pursuant to Section 65-3-14.5, NMSA 1953, contained in Chapter 271, Laws of 1969, any well which, by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one which is presently dedicated thereto, shall have 60 days from the effective date of this order in which to file new Forms C-102 dedicating a standard unit for the pool to said well, or to obtain a non-standard unit approved by the Commission. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Forms C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Commission within said 60-day period shall subject the well to cancellation of allowable.

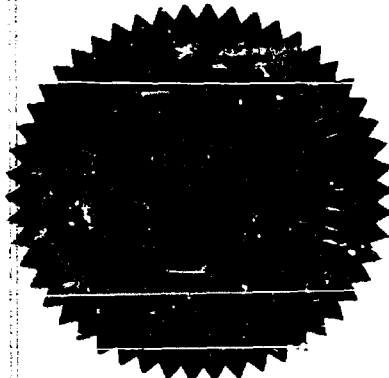
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Case No. 5405
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(2) That the effective date of this order and all creations and extensions included herein shall be March 1, 1975.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



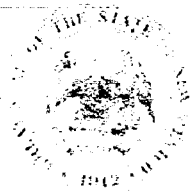
I. R. TRUJILLO, Chairman

Phil R. Lucero
PHIL R. LUCERO, Member

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

S E A L

dr/



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO
1000 RIO BRAZOS ROAD - AZTEC

87410

January 3, 1975

GOVERNOR
BRUCE KING
CHAIRMAN

LAND COMMISSIONER
ALEX J. ARMijo
MEMBER

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

Mr. Carl Ulvog
Oil Conservation Commission
Box 2038
Santa Fe, New Mexico 87501

RE: Northwest Nomenclature

Dear Carl:

The ad for the next Northwest Nomenclature case may include:

Create a new gas pool in Township 29 North, Ranges 10 & 11 West, San Juan County for Chacra production to be known as the Bloomfield-Chacra Pool based on the El Paso Natural Gas Company Hubbell #9 located P-19-29N-10W, completed 2/4/72 for an AOF 1329 MCFPD.

Create a new gas pool in Township 28 North, Range 15 West, San Juan County for Pictured Cliffs production to be known as the Ojo-Pictured Cliffs Pool based on the Dugan Production Corporation Pet. Inc. #2 located A-36-28N-15W, completed 4/20/71 for an IP 130 MCFPD.

Create a new oil pool in Township 22 North, Range 7 West, Sandoval County, for Menefee production to be known as the Rusty-Menefee Oil Pool based on the Chace Oil Company Rusty Federal #1 located P-11-22N-7W, completed 11/7/74 for an IP 48 BOPD.

Extend the vertical limits of the Dufers Point-Dakota Oil Pool in Township 25 North, Range 8 West, San Juan County, to include from the top of the Gallup Formation through the base of the Dakota Formation, and to extend the horizontal limits.

Extend the horizontal limits of the following pools:

Rio Arriba County

East Blanco-Pictured Cliffs Pool
Devils Fork-Mesaverde Oil Pool
Cabernador-Pictured Cliffs Pool
Gonzales-Mesaverde Pool
West Lindrith-Gallup Dakota Oil Pool
Otero-Chacra Pool
Tapacito-Pictured Cliffs Pool

San Juan County

Aztec-Fruitland Pool
North Aztec-Fruitland Pool
Quervo-Mesaverde Oil Pool
Flora Vista-Mesaverde Pool
Fulcher Kutz-Pictured Cliffs Pool
Kutz-Fruitland Pool

Mr. Carl Ulvog, January 3, 1975, page 2

Rio Arriba and San Juan Counties
Blanco-Mesaverde Pool


Rio Arriba, San Juan and Sandoval Counties
Ballard-Pictured Cliffs Pool
South Blanco-Pictured Cliffs Pool

Carl, please check the acreage shown on the enclosed paragraph sheets before the docket is prepared. Some of the wells are quite old, but the acreage is not shown in the pools by R. W. Byran.

Please advise me of any changes needed.

If there are questions, please call.

Yours very truly,


A. R. Kendrick
Engineer, District #3

Encl:

(u) Create a new pool in San Juan Count y,
 New Mexico, classified as a Gas pool for Chacra
 production, designated as the Bloomfield-Chacra (Gas) Pool and
 described as:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPN,

Section 7: SW/4
 Section 18: All
 Section 19: All
 Section 20: NW/4

TOWNSHIP 29 NORTH, RANGE 11 WEST, NMPN,

Section 4: SW/4
 Section 5: SE/4
 Section 9: N/2 & SE/4
 Section 10: S/2
 Section 11: S/2
 Section ~~12: W/2 & SE/4~~ 12: W/2 & SE/4
 Section 13: All
 Section 14: E/2
 Section 23: E/2
 Section 24: All
 Section 26: E/2

Based on:

Discovery Well:

El Paso Natural Gas Company #9 Hubbell
 P-18-29N-10W
 AOF 1329 MCFPD, SICP 1094 #/10 days
 Completed: 9/4/72
 Top Perforation: 2998'

El Paso Natural Gas Co. #4 Hubbell
 L-7-29N-10W
 AOF 1157 MCFPD, SICP 1079 #/8 days

El Paso Natural Gas Co. #14 Hubbell
 G-18-29N-10W
 AOF 724 MCFPD, SICP 1083 #/10 days

El Paso Natural Gas Co. #10 Hubbell
 P-19-29N-10W
 AOF 1072 MCFPD, SICP 1046 #/7 days

El Paso Natural Gas Co. #9 San Jacinto
 C-20-29N-10W
 AOF 654 MCFPD, SICP 1084 #/ 13 days

(a) Bloomfield-Chacra (Gas) Pool page 2

El Paso Natural Gas Co. #3 Fifield
 0-5-29N-11W
 AOF 200 MCFPD, SICP 994 #/ 7 days

El Paso Natural Gas Co. #2 Lloyd A
 0-9-29N-11W
 AOF 3345 MCFPD, SICP 1068 #/ 8 days

El Paso Natural Gas Co. #4 Lloyd B
 F-12-29N-11W
 AOF 406 MCFPD, SICP 1075 #/ 10 days

W. M. Gallaway #10 Delo
 1-26-29N-11W
 AOF 2360 MCFPD, SICP 1085 #/ 7 days

(6) Create a new pool in San Juan County, New Mexico, classified as a gas pool for Pictured Cliffs production, designated as the Ojo-Pictured Cliffs (Gas) Pool and described as:

TOWNSHIP 28 NORTH, RANGE 15 WEST, NMPM,

Section 25: S/2

Section 26: SE/4

Section 35: NE/4

Section 36: N/2

Based on:

Discovery Well:

Dugan Production Corp. #2 Pet. Inc.

A-36-28N-15W

IP 130 MCFPD

Dugan Prod. Corp. #7 Pet. Inc.

O-25-28N-15W

AOF 194 MCFPD, Sisp 129 #/7 days

Dugan Prod. Corp. #3 Pet. Inc.

P-26-28N-15W

AOF 172 MCFPD, SISP 105 #/7 days

Dugan Prod. Corp. #5 Pet. Inc.

A-35-28N-15W

AOF 657 MCFPD, Sisp 75 #/7 days

Dugan Prod. Corp. #6 Pet. Inc.

U-36-28N-15W

ACF 614 MCFPD, SITP 75 #/7 days

(C) Create a new pool in Sandoval Count y,
New Mexico, classified as an oil pool for Menefee
production, designated as the Rusty-Menefee Oil Pool and
described as:

✓ TOWNSHIP 22 NORTH, RANGE 7 WEST, N1PM,
Section 11: SE/4

Based on:

Discovery Well:

Chace Oil Company #1 Rusty Federal

P-11-22N-7W

IP 48 BOPD

Completed: 11/7/74

Top Perforation: 3383'

(c) Extend the vertical limits of the Dufers Point-Dakota Oil Pool in Township 25 North, Range 8 West, San Juan County, to include from the top of the Gallup Formation through the base of the Dakota Formation and to extend the horizontal limits to include therein:

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPM,

Section 2: N/2 & SE/4

Section 11: NE/4

Section 12: W/2

TOWNSHIP 25 NORTH, RANGE 8 WEST, NMPM,

Section 20: SE/4

Section 27: SW/4

Section 28: S/2

Section 29: E/2

Section 34: N/2

Section 35: W/2

Additional wells:

Bco, Inc. #4 Nancy

R-12-24N-8W

IP 42 BOPD (1968)

Bco, Inc. #3 Nancy

N-12-24N-8W

IP 96 BOPD (1968)

J. Gregory Merriam & Robert L. Bayless

South Huerfano #1

M-35-25N-8W

Reworked in 1973

IP 6 BOPD

(d) Extend the vertical limits of the Dufers Point Dakota Oil Pool to include the Gallup formation, rename the pool, and extend the horizontal limits of the Dufers Point-Gallup-Dakota Oil Pool, as renamed, to include therein.

(c) Extend the Astec-Fruitland POOL
boundary in Sah Juan County,

New Mexico, to include therein:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM

Section 7: SE/4

Section 8: S/2 & NE/4

Section 9: N/2

Section 17: NW/4

Section 18: All

Section 19: All

Section 32: SE/4

Based on:

El Paso Natural Gas Co. #12 Hubbell
J-7-29N-10 W
AOF 175 MCFPD, SICP 637 #/ 24 days

El Paso Natural Gas Co. #9 Nye
G-8-29N-10W
AOF 1363 MCFPD, SICP 660 #/ 10 days

El Paso Natural Gas Co. #11 Nye
M-8-29N-10W
AOF 847 MCFPD, SICP 662 #/ 17 days

El Paso Natural Gas Co. #10 Nye
G-9-29N-10W
AOF 1341 MCFPD, SICP 670 #/ 10 days

El Paso Natural Gas Co. #13 Hubbell
D-17-29N-10W
AOF 525 MCFPD, SICP 665 #/ 7 days

El Paso Natural Gas Co. #14 Hubbell
G-18-29N-10W
AOF 478 MCFPD, SICP 637 #/ 19 days

McKay, Payne & Zachry #1 Bearden
E-19-29N-10W
AOF 3828 MCFPD, SICP 627 #/ 7 days

McKay, Payne & Zachry #1 Sanchez
L-19-29N-10W
AOF 1335 MCFPD, SICP 277 #

Lynco Oil Corp. #2 New Mexico Com A
O-32-29N-10W
IP 1901 MCFPD, SICP 552 #/ 3 days

(f) Extend the North Aztec-Fruitland POOL
~~boundary~~ in San Juan County.

New Mexico, to include therein:

TOWNSHIP 30 NORTH, RANGE XX WEST, NMPM
Section 13: N/2

Based on:

Fairplay Oil & Gas Corp. #1 Micheal
~~XXXXXX~~
D-13-30N-11W
AOF 4342 MCFPD, SICP 732 #/ 7 days

(g) Extend the Pallard-Pictured Cliffs Pool
~~boundary~~ in Rio Arriba, San Juan & Sandoval Counties,

New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM
Section 21: SW/4

Based on:

El Paso Natural Gas Co. #261 Canyon Largo Unit
L-21-24N-6W
AOF 431 MCFPD, SICP 699 #/ 26 days

(1) Extend the Blanco-Masquerade Pool
boundary in San Juan & Rio Arriba Counties,

New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 4 WEST, NMPM
Section 3 & W/2

Based on:

Continental Oil Co. #2 AXI Apache 0
D-3-25N-4W
AOF 596 MCFPD, SICP 1206 #/ 7 days

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

TOWNSHIP 30 NORTH, RANGE 4 WEST, NMPM
Section 23: All

Based on:

Coastline Pet. Co. #3 Schalk 49
A-23-30N-4W
AOF 4738 MCFPD, SICP 1092 #/ 7 days

Coastline Pet. Co. #4 Schalk 49
D-23-30N-4W
AOF 1358 MCFPD, SITP 1160 #/ 7 days

Coastline Pet. Co. #1 Schalk 49
M-23-30N-4W
X8X IP 1613 MCFPD, SICP 1155 #/ 7 days

Coastline Pet. Co. #2 Schalk 49
O-23-30N-4W
AOF 1780 MCFPD, SICP 1133 #/ 7 days

(j) Extend the South Blanco-Pictured Cliffs P.O.L
boundary in Rio Arriba, San Juan & Sandoval Counties,
New Mexico, to include therein:

TOWNSHIP 23 NORTH, RANGE 1 WEST, NMPM
Section 17: NW/4

TOWNSHIP 24 NORTH, RANGE 3 WEST, NMPM,
Section 25: SW/4

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM,
Section 19: SW/4

Based on:

Lynco Oil Corp. #1 Regina

D-17-23N-1W

IP 1185 MCFPD, SICP 724 #/ 7 days

El Paso Natural Gas Co. #76 Lindrith Unit

K-25-24N-3W

ADF 1762 MCFPD, SICP 872 #/ 12 days

XX
XXXXXXXXXXXXXXXXXXXX

El Paso Natural Gas Co. #11 Jicarilla 67

L-19-25N-5W

ADF 1356 MCFPD, SICP 802 #/ 22 days

(1) Extend the Guervo-Mesaverte Oil Pool
boundary in San Juan County,
New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPH
Section 27: SW/4 NW/4

Based on:

Dugan Production Corp. #1 Bumble
E-27-24N-8W
IP $\frac{1}{2}$ BOPD after rework

(1) Extend the Devils Fork-Mesaverde Oil Pool
boundary in Rio Arriba County,

New Mexico, to include therein:

24

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM
Section 16: SW/4 NW/4 & NW/4 SE/4

Based on:

J. Gregory Merrion #1 NCRA State
E-16-24N-6W
Downhole commingled with Devils Fork Gallup

J. Gregory Merrion #1 NCRA State
J-16-24N-6W
Downhole commingled with Devils Fork Gallup

(n) Extend the Flora Vista-Mesaverde POOL
boundary in San Juan Count y,
New Mexico, to include therein:

TOWNSHIP 30 NORTH, RANGE 12 WEST, NMPM
Section 35: ~~WW~~ E/2

Based on:

J. Gregory Merriam & Robert L. Bayless #1 Carnahan Com
P-35-30N-12W
IP 312 MCFPD, SICP 700 #

(13) Extend the Fulcher Kutz-Pictured Cliffs POOL
boundary in San Juan Count 4,
New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPM
Section 25: NW/4

Based on:

W. E. Gallaway #3 DeLo
C-25-28N-11W
IP 534 MCFPD, SICP 324 #/ 7 days

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

TOWNSHIP 29 NORTH, RANGE 4 WEST, NMPM
Section 19: N/2
Section 20: NW/4

Based on:

Continental Oil Co. #7 Conoco 29-4
E-20-29N-4W
AOF 708 MCFPD, SICP 876 #/ 10 days

(p) Extend the Gonzales-Mesquerde POOL
boundary in Rio Arriba County,
New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 6 WEST, NMPM
Section 12: NE/4

Sec 1: SE/4 (Tel. 7/Kandrich 1/4)

Based on:

El Paso Natural Gas Co. #238 Canyon Largo Unit
A-12-25N-6W
AOF 865 MCFPD, SICP 1225 #/ 20 days

(17) Extend the Kutz-Fruitland POOL
boundary in San Juan County,

New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM

Section 27: NW/4

Section 28: N/2

Section 29: N/2

Section 30: N/2

Based On:

Amoco Prod. Co. #2 Kutz Deep Test C
F-27-28N-10W

AOF 4213 MCFPD, SICP 743 #/ 7 days

Amoco Prod. Co. #1 J. C. Davidson
D-28-28N-10W

AOF 2588 MCFPD, SICP 524 #/ 7 days

(P) Extend the West Lindrith-Gallup Dakota Oil POOL
boundary in Rio Arriba County.

New Mexico, to include therein:

²⁵
TOWNSHIP 25 NORTH, RANGE 4 WEST, NMPM
Section 35 SW/4

Based on:

Amoco Prod. Co.
M-35-25N-4W
IP 95 BOPD

(S) Extend the Otero-Chacra POOL
boundary in Rio Arriba County,

New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM
Section 19: SW/4

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM
Section 21: SE/4
Section 22: S/2

TOWNSHIP 26 NORTH, RANGE 7 WEST, NMPM
Section 23: SE/4
Section 24: SW/4

Based on:

El Paso Natural Gas Co. #11 Jicarilla 67
L-19-25N-5W
~~XXXXXXXXXXXXXXXXXXXX~~
AOF 333 MCFPD, SITP 632 #/ 19 days

Caulkins Oil Co. #383 Breech D
O-21-26N-6W
AOF 627 MCFPD, ~~XXXX~~ SITP 945 #/ 10 days

Caulkins Oil Co. #385 Breech D
M-22-26N-6W
AOF 931 MCFPD, SITP 815 #/ 7 days

Caulkins Oil Co. #387 Breech
O-22-26N-6W
AOF 1093 MCFPD, SITP 930 #/ 7 days

Caulkins Oil Co. #368 Breech
I-23-26N-7W
AOF 1149 MCFPD, SITP 982 #/ 8 days

Caulkins Oil Co. #382 Breech
N-24-26N-7W
AOF 1233 MCFPD, SITP 990 #/ 8 days

(E) Extend the Tapacito Pictured Cliffs P.O.L.
boundary in Rio Arriba County,

New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM
Section 9: SE/4

TOWNSHIP 27 NORTH, RANGE 4 WEST, NMPM,
Section 21: S/2
Section 22: SW/4
Section 24: S/2
Section 26: NE/4

TOWNSHIP 28 NORTH, RANGE 5 WEST, NMPM,
Section 31: S/2

Based on:

Southern Union Prod. Co. #2 McCroden A
O-9-25N-3W
AOF 50,000 MCFPD, SICP 747 #/ 9 days

El Paso Natural Gas Co. #77 San Juan 27-4 Unit
J-2-27N-4W
AOF 1530 MCFPD, SICP 1072 #/ 7 days

El Paso Natural Gas Co. #79 San Juan 27-4 Unit
L-22-27N-4W
AOF 2376 MCFPD, SICP 1082 #

El Paso Natural Gas Co. #81 San Juan 27-4 Unit
M-24-27N-4W
AOF 1604 MCFPD, SICP 1117 #/

El Paso Natural Gas Co. #80 San Juan 27-4 Unit
O-24-27N-4W
AOF 1103 MCFPD, SICP 1131 #/ 20 days

El Paso Natural Gas Co. #82 San Juan 27-4 Unit
H-26-27N-4W
AOF 1942 MCFPD, SICP 1099 #/ 22 days

El Paso Natural Gas Co. #95 San Juan 28-5 Unit
M-31-28N-5W
AOF 1338 MCFPD, SICP 1092 #/ 10 days

(i) EXTEND the Goodwin-Drinkard Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 37 EAST, NMPM
SECTION 19: SE/4
SECTION 30: NE/4

(j) EXTEND the Osudo-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 35 EAST, NMPM
SECTION 8: W/2
SECTION 17: N/2

(k) EXTEND the Vada-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
SECTION 12: NW/4

(l) EXTEND the Warren-Tubb Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
SECTION 27: SE/4

CASE 5405: Northwest Nomenclature case calling for the creation and extension of certain pools in San Juan, Sandoval, and Rio Arriba Counties, New Mexico:

(a) CREATE A new pool in San Juan County, New Mexico, classified as a gas pool for Chacra production and designated as the Bloomfield-Chacra Pool. The discovery well is the El Paso Natural Gas Company Hubbell Well No. 9 located in Unit P of Section 18, Township 29 North, Range 10 West, NMPM. Said pool would comprise:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM
SECTION 7: SW/4
SECTION 18: A11
SECTION 19: A11
SECTION 20: NW/4

TOWNSHIP 29 NORTH, RANGE 11 WEST, NMPM
SECTION 4: SW/4
SECTION 5: SE/4
SECTION 9: N/2 & SE/4
SECTION 10: S/2
SECTION 11: S/2
SECTION 12: W/2 & SE/4
SECTION 13: A11
SECTION 14: E/2
SECTION 23: E/2
SECTION 24: A11
SECTION 26: E/2

(b) CREATE A new pool in San Juan County, New Mexico, classified as a gas pool for Pictured Cliffs production and designated as the Ojo-Pictured Cliffs Pool. The discovery well is the Dugan Production Corporation Pet. Inc. Well No. 2 located in Unit A of Section 36, Township 28 North, Range 15 West, NMPM. Said pool would comprise:

TOWNSHIP 28 NORTH, RANGE 15 WEST, NMPM

SECTION 25: S/2
SECTION 26: SE/4
SECTION 35: NE/4
SECTION 36: N/2

(c) CREATE A new pool in Sandoval County, New Mexico, classified as an oil pool for Menefee production and designated as the Rusty-Menefee Oil Pool. The discovery well is the Chace Oil Company Rusty Federal Well No. 1 located in Unit P of Section 11, Township 22 North, Range 7 West, NMPM. Said pool would comprise:

TOWNSHIP 22 NORTH, RANGE 7 WEST, NMPM

SECTION 11: SE/4

(d) EXTEND the vertical limits of the Dufers Point Dakota Oil Pool to include the Gallup formation, rename the pool, and extend the horizontal limits of the Dufers Point Gallup-Dakota Oil Pool, as renamed, to include therein:

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPM

SECTION 2: N/2 & SE/4
SECTION 11: NE/4
SECTION 12: W/2

TOWNSHIP 25 NORTH, RANGE 8 WEST, NMPM

SECTION 20: SE/4
SECTION 27: SW/4
SECTION 28: S/2
SECTION 29: E/2
SECTION 34: N/2
SECTION 35: W/2

(e) EXTEND the Aztec-Fruitland Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM

SECTION 7: SE/4
SECTION 8: S/2 & NE/4
SECTION 9: N/2
SECTION 17: NW/4
SECTION 18: All
SECTION 19: All
SECTION 32: SE/4

(f) EXTEND the North Aztec-Fruitland Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 30 NORTH, RANGE 11 WEST, NMPM

SECTION 13: N/2

(g) EXTEND the Ballard-Pictured Cliffs Pool in Rio Arriba, San Juan, and Sandoval Counties, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM
SECTION 21: SW/4

(h) EXTEND the Blanco-Mesaverde Pool in San Juan and Rio Arriba Counties, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 4 WEST, NMPM
SECTION 3: W/2

(i) EXTEND the East Blanco-Pictured Cliffs Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 30 NORTH, RANGE 4 WEST, NMPM
SECTION 23: All

(j) EXTEND the South Blanco-Pictured Cliffs Pool in Rio Arriba, San Juan and Sandoval Counties, New Mexico, to include therein:

TOWNSHIP 23 NORTH, RANGE 1 WEST, NMPM
SECTION 17: NW/4

TOWNSHIP 24 NORTH, RANGE 3 WEST, NMPM
SECTION 25: SW/4

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM
SECTION 19: SW/4

(k) EXTEND the Cuervo-Mesaverde Oil Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPM
SECTION 27: SW/4 NW/4

(l) EXTEND the Devils Fork-Mesaverde Oil Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM
SECTION 16: SW/4 NW/4 & NW/4 SE/4

(m) EXTEND the Flora Vista-Mesaverde Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 30 NORTH, RANGE 12 WEST, NMPM
SECTION 35: E/2

(n) EXTEND the Fulcher Kutz-Pictured Cliffs Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPM
SECTION 25: NW/4

(o) EXTEND the Gobernador-Pictured Cliffs Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 29 NORTH, RANGE 4 WEST, NMPM
SECTION 19: N/2
SECTION 20: NW/4

(p) EXTEND the Gonzales-Mesaverde Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 6 WEST, NMPM
SECTION 12: NE/4
SECTION 1: SE/4

(q) EXTEND the Kutz-Fruitland Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM
SECTION 27: NW/4
SECTION 28: N/2
SECTION 29: N/2
SECTION 30: N/2

(r) EXTEND the West Lindrith-Gallup Dakota Oil Pool in Rio Arriba, County, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 4 WEST, NMPM
SECTION 35: SW/4

(s) EXTEND the Otero-Chacra Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM
SECTION 19: SW/4

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM
SECTION 21: SE/4
SECTION 22: S/2

TOWNSHIP 26 NORTH, RANGE 7 WEST, NMPM
SECTION 23: SE/4
SECTION 24: SW/4

(t) EXTEND the Tapacito Pictured Cliffs Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM
SECTION 9: SE/4

TOWNSHIP 27 NORTH, RANGE 4 WEST, NMPM
SECTION 21: S/2
SECTION 22: SW/4
SECTION 24: S/2
SECTION 26: NE/4

TOWNSHIP 28 NORTH, RANGE 5 WEST, NMPM
SECTION 31: S/2

The following is recommended for the Northwest Nomenclature case for February 5, 1975:

- (a) Create a new pool in San Juan County, New Mexico, classified as a Gas pool for Chacra production, designated as the Bloomfield-Chacra Pool and described as:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM,

Section 7: SW/4
Section 18: All
Section 19: All
Section 20: NW/4

TOWNSHIP 29 NORTH, RANGE 11 WEST, NMPM,

Section 4: SW/4
Section 5: SE/4
Section 9: N/2 & SE/4
Section 10: S/2
Section 11: S/2
Section 13: All
Section 14: E/2
Section 23: E/2
Section 24: All
Section 26: E/2

Based on:

Discovery Well:

El Paso Natural Gas Company #9 Hubbell
P-18-29N-10W
AOF 1329 MCFPD, SICP 1094 #/10 days
Completed: 9/4/72
Top Perforation: 2998'

El Paso Natural Gas Company #4 Hubbell
L-7-29N-10W
AOF 1157 MCFPD, SICP 1079 #/8 days

El Paso Natural Gas Company #14 Hubbell
G-18-29N-10W
AOF 724 MCFPD, SICP 1083 #/10 days

El Paso Natural Gas Company #10 Hubbell
P-19-29N-10W
AOF 1072 MCFPD, SICP 1046 #/7 days

El Paso Natural Gas Company #9 San Jacinto
C-20-29N-10W
AOF 654 MCFPD, SICP 1084 #/13 days

El Paso Natural Gas Company #3 Fifield
C-5-29N-11W
AOF 200 MCFPD, SICP 994 #/7 days

El Paso Natural Gas Company #2 Lloyd A
O-9-29N-11W
AOF 3345 MCFPD, SICP 1068 #/8 days

El Paso Natural Gas Company #4 Lloyd B
F-12-29N-11W
AOF 406 MCFPD, SICP 1075 #/10 days

W. N. Galiaway #10 Delo
I-26-29N-11W
AOF 2360 MCFPD, SICP 1085 #/7 days

- (b) Create a new pool in San Juan County, New Mexico, classified as a gas pool for Pictured Cliffs production, designated as the Ojo-Pictured Cliffs Pool and described as:

TOWNSHIP 28 NORTH, RANGE 15 WEST, NMPM,

Section 25: S/2
Section 26: SE/4
Section 35: NE/4
Section 36: N/2

Based on:

Discovery Well:
Dugan Production Corp. #2 Pet. Inc.
A-36-28N-15W
IP 130 MCFPD

Dugan Production Corp. #7 Pet. Inc.
O-25-28N-15W
AOF 194 MCFPD, SICP 129 #/7 days

Dugan Production Corp. #3 Pet. Inc.
P-26-28N-15W
AOF 172 MCFPD, SICP 105 #/7 days

Dugan Production Corp. #5 Pet. Inc.
A-35-28N-15W
AOF 657 MCFPD, SICP 75 #/7 days

Dugan Production Corp. #6 Pet. Inc.
C-36-28N-15W
AOF 614 MCFPD, SITP 75 #/7 days

- (c) Create a new pool in Sandoval County, New Mexico, classified as an Oil pool for Menefee production, designated as the Rusty-Menefee Oil Pool and described as:

TOWNSHIP 22 NORTH, RANGE 7 WEST, NMPM

Section 11: SE/4

Based on:

Discovery Well:
Chace Oil Company #1 Rusty Federal
P-11-22N-7W
IP 48 BOPD
Completed: 11/7/74
Top Perforation: 3383'

- (d) Extend the vertical limits of the Dufers Point-Dakota Oil Pool to include from the top of the Gallup formation through the Dakota formation, rename the pool the Dufers Point Gallup-Dakota Oil Pool, and extend the horizontal limits to include therein:

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPM,

Section 1: N/2 & SE/4
Section 11: NE/4
Section 12: W/2

TOWNSHIP 25 NORTH, RANGE 8 WEST, NMPM,

Section 27: SE/4
Section 27: SW/4
Section 28: S/2
Section 29: E/2
Section 34: W/2
Section 35: W/2

Paragraph (d) continued

Based on:

BCO, Inc. #4 Nancy
F-12-24N-8W
IP 42 BOPD (1968)

BCO, Inc. #3 Nancy
N-12-24N-8W
IP 96 BOPD (1968)

J. Gregory Merriam & Robert L. Bayless #1 South Huerfano
M-35-25N-8W
IP 6 BOPD (after rework in 1973)

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

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM,

Section 7: SE/4
Section 8: S/2 & NE/4
Section 9: N/2
Section 17: NW/4
Section 18: All
Section 19: All
Section 32: SE/4

Based on:

El Paso Natural Gas Co. #12 Hubbell
J-7-29N-10W
AOF 175 MCFPD, SICP 637 #/24 days

El Paso Natural Gas Co. #9 Nye
G-8-29N-10W
AOF 1363 MCFPD, SICP 660 #/10 days

El Paso Natural Gas Co. #11 Nye
M-8-29N-10W
AOF 847 MCFPD, SICP 662 #/17 days

El Paso Natural Gas Co. #10 Nye
G-9-29N-10W
AOF 1341 MCFPD, SICP 670 #/10 days

El Paso Natural Gas Co. #13 Hubbell
D-17-29N-10W
AOF 525 MCFPD, SICP 665 #/7 days

El Paso Natural Gas Co. #14 Hubbell
G-18-29N-10W
AOF 478 MCFPD, SICP 637 #/19 days

McKay, Payne & Zachry #1 Bearden
E-10-29N-10W
AOF 3828 MCFPD, SICP 627 #/7 days

McKay, Payne & Zachry #1 Sanchez
L 19-29N-10W
AOF 1335 MCFPD, SICP 277 #

Lynco Oil Corp. #2 New Mexico Com A
O-32-29N-10W
IP 1501 MCFPD, SICP 552 #/3 days

NMOCC Exhibit #1, Case No. 5405

- (f) Extend the North Aztec-Fruitland Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 30 NORTH, RANGE 11 WEST, NMPM,
Section 13: N/2

Based on:

Fairplay Oil & Gas Corp. #1 Micheal
D-13-30N-11W
AOF 4342 MCFPD, SICP 732 #/7 days

- (g) Extend the Ballard-Pictured Cliffs Pool boundary in Rio Arriba County, New Mexico, to include therein: (also San Juan & Sandoval Counties)

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM,
Section 21: SW/4

Based on:

El Paso Natural Gas Co. #261 Canyon Largo Unit
L-21-24N-6W
AOF 431 MCFPD, SICP 699 #/26 days

- (h) Extend the Blanco-Mesaverde Pool boundary in Rio Arriba and San Juan Counties, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 4 WEST, NMPM,
Section 3: W/2

Based on:

Continental Oil Co. #2 AXI Apache 0
D-3-25N-4W
AOF 596 MCFPD, SICP 1206 #/7 days

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

TOWNSHIP 30 NORTH, RANGE 4 WEST, NMPM,
Section 23: All

Based on:

Coastline Pet. Co. #3 Schalk 49
A-23-30N-4W
AOF 4738 MCFPD, SICP 1092 #/7 days

Coastline Pet. Co. #4 Schalk 49
D-23-30N-4W
AOF 1358 MCFPD, SITP 1160 #/7 days

Coastline Pet. Co. #1 Schalk 49
M-23-30N-4W
IP 1613 MCFPD, SICP 1155 #/7 days

Coastline Pet. Co. #2 Schalk 49
O-23-30N-4W
AOF 1780 MCFPD, SICP 1133 #/7 days

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

TOWNSHIP 23 NORTH, RANGE 1 WEST, NMPM,
Section 17: NW/4

TOWNSHIP 24 NORTH, RANGE 3 WEST, NMPM,
Section 25: SW/4

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM,
Section 19: SW/4

Based on:

Lynco Oil Corp. #1 Regina
D-17-23N-1W
IP 1185 MCFPD, SICP 724 #/7 days

El Paso Natural Gas Co. #76 Lindrith Unit
K-25-24N-3W
AOF 1762 MCFPD, SICP 872 #/12 days

El Paso Natural Gas Co. #11 Jicarilla 67
L-19-25N-5W
AOF 1356 MCFPD, SICP 802 #/22 days

- (k) Extend the Cuervo-Mesaverde Oil Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPM,
Section 27: SW/4 NW/4

Based on:

Dugan Production Corp. #1 Bumble
E-27-24N-8W
IP $\frac{1}{2}$ BOFD after rework

- (l) Extend the Devils Fork-Mesaverde Oil Pool boundary in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM,
Section 16: SW/4 NW/4 & NW/4 SE/4

Based on:

J. Gregory Merrion #1 NCRA State
E-16-24N-6W
Downhole commingled with Devils Fork Gallup

J. Gregory Merrion #4 NCRA State
J-16-24N-6W
Downhole commingled with Devils Fork Gallup

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

TOWNSHIP 30 NORTH, RANGE 12 WEST, NMPM,
Section 35: E/2

Based on:

J. Gregory Merrion & Robert L. Bayless #1 Carnahan Com
P-35-30N-12W
IP 312 MCFPD, SICP 700 #

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

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPM,
Section 25: NW/4

Based on:

W. M. Galloway #3 Delo
C 25-28N-11W
IP 534 MCFPD, SICP 324 #/7 days

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

TOWNSHIP 29 NORTH, RANGE 4 WEST, NMPM,
Section 19: N/2
Section 20: NW/4

Based on:

Continental Oil Co. #7 Conoco 29-4
E-20-29N-4W
AOF 708 MCFPD, SICP 876 #/10 days

- (p) Extend the Gonzales-Mesaverde Pool boundary in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 6 WEST, NMPM,
Section 1: SE/4
Section 12: NE/4

Based on:

El Paso Natural Gas Co. #238 Canyon Largo Unit
A-12-25N-6W
AOF 865 MCFPD, SICP 1225 #/20 days

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

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM,
Section 27: NW/4
Section 28: N/2
Section 29: N/2
Section 30: N/2

Based on:

Amoco Production Co. #2 Kutz Deep Test C
F-27-28N-10W
AOF 4213 MCFPD, SICP 743 #/7 days

Amoco Production Co., #1 J. C. Davidson
D-28-28N-10W
AOF 2588 MCFPD, SICP 524 #/7 days

- (r) Extend the west Lindrith Gallup-Dakota Oil Pool boundary in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 4 WEST, NMPM,
Section 35: SW/4

Based on:

Amoco Production Co. #1 Jicarilla Tribal 125
M-35-25N-4W
IP 95 BOPD

- (s) Extend the Otero-Chacra Pool boundary in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM,
Section 19: SW/4

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM,
Section 21: SE/4
Section 22: S/2

TOWNSHIP 26 NORTH, RANGE 7 WEST, NMPM,
Section 23: SE/4
Section 24: SW/4

Based on:

El Paso Natural Gas Co. #11 Jicarilla 67
L-19-25N-5W
AOF 333 MCFPD, SITP 632 #/19 days

Caulkins Oil Co. #383 Breech D
O-21-26N-6W
AOF 627 MCFPD, SITP 945 #/10 days

Caulkins Oil Co. #385 Breech D
M-22-26N-6W
AOF 931 MCFPD, SITP 815 #/7 days

Caulkins Oil Co. #387 Breech
O-22-26N-6W
AOF 1093 MCFPD, SITP 930 #/7 days

Caulkins Oil Co. #368 Breech
I-23-26N-7W
AOF 1149 MCFPD, SITP 982 #/8 days

Caulkins Oil Co. #382 Breech
N-24-26N-7W
AOF 1233 MCFPD, SITP 990 #/8 days

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

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM,
Section 9: SE/4

TOWNSHIP 27 NORTH, RANGE 4 WEST, NMPM,
Section 21: S/2
Section 22: SW/4
Section 24: S/2
Section 26: NE/4

TOWNSHIP 28 NORTH, RANGE 5 WEST, NMPM,
Section 31: S/2

Based on:

Southern Union Prod. Co. #2 McCroden A
O-9-25N-3W
AOF 50,000 MCFPD, SICP 747 #/9 days

El Paso Natural Gas Co. #77 San Juan 27-4 Unit
J-21-27N-4W
AOF 1530 MCFPD, SICP 1072 #/7 days

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NMOCC Exhibit #1, Case No. 5405

Paragraph (t) Continued

El Paso Natural Gas Co. #79 San Juan 27-4 Unit
L-22-27N-4W
AOF 2376 MCFPD, SICP 1082 #

El Paso Natural Gas Co. #81 San Juan 27-4 Unit
H-24-27N-4W
AOF 1604 MCFPD, SICP 1117 #

El Paso Natural Gas Co. #80 San Juan 27-4 Unit
O-24-27N-4W
AOF 1103 MCFPD, SICP 1131 #20 days

El Paso Natural Gas Co. #82 San Juan 27-4 Unit
H-26-27N-4W
AOF 1942 MCFPD, SICP 1099 #/22 days

El Paso Natural Gas Co. #95 San Juan 28-5 Unit
M-31-28N-5W
AOF 1338 MCFPD, SICP 1092 #/10 days

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

CASE NO. 5404 5405
ORDER NO. R- 4963

THE APPLICATION OF THE OIL CONSERVATION
COMMISSION UPON ITS OWN MOTION FOR AN
ORDER CREATING ~~POOL~~ AND
EXTENDING CERTAIN POOLS IN ~~San Juan~~ Rio Arriba, Sandoval and
San Juan COUNTIES, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:00 a.m. on February 5, 1975, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this day of February, 1975, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, 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 gas pool in San Juan County, New Mexico, for the production of gas from the Chacra formation, said pool to bear the designation of Bloomfield-Chacra Pool. Said Bloomfield-Chacra Pool was discovered by the El Paso Natural Gas Company Hubbell No. 9, located in Unit P of Section 19, Township 29 North, Range 10 West, NMPM. It was completed in the Chacra formation on September 4, 1972. The top of the perforations is at 2998 feet.

(3) That there is need for the creation of a new gas pool in San Juan County, New Mexico, for the production of gas from the Pictured Cliffs formation, said pool to bear the designation of Ojo-Pictured Cliffs Pool. Said Ojo-Pictured Cliffs Pool was discovered by the Dugan Production Corporation Pat. Inc. No. 2, located in Unit A of Section 36, Township 28 North, Range 15 West, NMPM. It was completed in the Pictured Cliffs formation on April 20, 1971. The top of the perforations is at 767 feet.

(4) That there is need for the creation of a new oil pool in Sandoval County, New Mexico, for the production of oil from the Manefee formation, said pool to bear the designation of Rusty-Manefee Oil Pool. Said Rusty-Manefee Oil Pool was discovered by the Chase Oil Company Rusty Federal No. 1, located

(2)

in Unit P of Section 11, Township 22 North, Range 7 West, NMPM. It was completed in the Mancos formation on November 7, 1974. The top of the perforations is at 3383 feet.

(5) That there is need for certain extensions to the

East Blanco-Pictured Cliffs Pool,
the Devils Fork-Mesaverde Oil Pool,
the Gobernador-Pictured Cliffs Pool,
the Gonzales-Mesaverde Pool,
the West Lindrith-Gallup Dakota Oil Pool,
the Otero-Chacra Pool and
the Tapacito-Pictured Cliffs Pool,

all in Rio Arriba County, New Mexico;

~~San Juan County~~

The Aztec-Fruitland Pool,
the North Aztec-Fruitland Pool,
the Cuervo-Mesaverde Oil Pool,
the Flora Vista-Mesaverde Pool,
the Fulcher Kutz-Pictured Cliffs Pool and
the Kutz-Fruitland Pool,

all in San Juan County, New Mexico;

the Blanco-

Mesaverde Pool in Rio Arriba and San Juan Counties, New Mexico; and the Ballard-Pictured Cliffs Pool and South Blanco-Pictured Cliffs Pool in Rio Arriba, San Juan and Sandoval Counties, New Mexico.

→ (6)

It

(a) That
County, New
Chacra

of the following

for the extension of
the Defers Point-Dakota
formation, and the
the Defers Point
Pool; further that
extension of the
oil pool.

TOWNSHIP 22 NORTH, RANGE 7 WEST, NMPM
SECTION 4: SW/4
SECTION 5: SE/4
SECTION 9: N/2 & SE/4
SECTION 10: S/2
SECTION 11: S/2
SECTION 12: W/2 & SE/4
SECTION 13: All
SECTION 14: E/2
SECTION 23: E/2
SECTION 24: All
SECTION 26: E/2

(3)

(b) That a new pool in San Juan County, New Mexico, classified as a gas pool for Pictured Cliffs production, is hereby created and designated as the Ojo - Pictured Cliffs Pool, consisting of the following-described area:

TOWNSHIP 28 NORTH, RANGE 15 WEST, NMPM
SECTION 25: S/2
SECTION 26: SE/4
SECTION 35: NE/4
SECTION 36: N/2

(c) That a new pool in Sandoval County, New Mexico, classified as an oil pool for Manefee production, is hereby created and designated as the Rusty - Manefee Oil Pool, consisting of the following-described area:

TOWNSHIP 22 NORTH, RANGE 7 WEST, NMPM
SECTION 11: SE/4

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

TOWNSHIP 30 NORTH, RANGE 4 West, NMPM

Section 23: all

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

TOWNSHIP 24 NORTH, RANGE 6 West, NMPM

Section 16: SW/4 NW/4 & NW/4 SE/4

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

TOWNSHIP 29 NORTH, RANGE 4 West, NMPM

Section 19: N/2

Section 20: NW/4

(g) That the Gonzales - Mesaverte Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 25 NORTH, RANGE 6 West, NMPM

Section 1: SE/4

Section 12: NE/4

(4)

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

TOWNSHIP 25 NORTH, RANGE 4 West, NMPM

Section 35: SW/4

(i) That the Otero - Chavira Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM
SECTION 19: SW/4

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM
SECTION 21: SE/4
SECTION 22: S/2

TOWNSHIP 26 NORTH, RANGE 7 WEST, NMPM
SECTION 23: SE/4
SECTION 24: SW/4

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

~~(k) EXTEND the Tapacito Pictured Cliffs Pool in Rio Arriba County, New Mexico, to include therein:~~

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM
SECTION 9: SE/4

TOWNSHIP 27 NORTH, RANGE 4 WEST, NMPM
SECTION 21: S/2
SECTION 22: SW/4
SECTION 24: S/2
SECTION 26: NE/4

TOWNSHIP 28 NORTH, RANGE 5 WEST, NMPM
SECTION 31: S/2

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

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM
SECTION 7: SE/4
SECTION 8: S/2 & NE/4
SECTION 9: N/2
SECTION 17: NW/4
SECTION 18: All
SECTION 19: All
SECTION 32: SE/4

(5)

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

TOWNSHIP 30 NORTH, RANGE 11 West, NMPM

Section 13: N/2

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

TOWNSHIP 24 NORTH, RANGE 8 West, NMPM

Section 27: SW/4 NW/4

(n) That the Flora Vista - Mesaville 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 35: E/2

(o) That the Fulcher Kutz - Pictured Cliffs 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 25: NW/4

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

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM

SECTION 27: NW/4

SECTION 28: N/2

SECTION 29: N/2

SECTION 30: N/2

(q) That the Blanco - Mesaville Pool in Rio Arriba and San Juan Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 25 NORTH, RANGE 4 West, NMPM

Section 3: W/2

(6)

(x) That the Ballard - Pictured Cliffs Pool
in Los Arriba, X County, New Mexico, as heretofore classified,
defined, and described, is hereby extended to include therein:

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM

San Juan and Sandoval

Section 21: SW/4

(x) That the South Blanco - Pictured Cliffs Pool
in Los Arriba, X County, New Mexico, as heretofore classified,
defined, and described, is hereby extended to include therein:

San Juan and Sandoval

TOWNSHIP 23 NORTH, RANGE 1 WEST, NMPM
SECTION 17: NW/4

TOWNSHIP 24 NORTH, RANGE 3 WEST, NMPM
SECTION 25: SW/4

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM
SECTION 19: SW/4

(x) That the vertical limits of the Dufers Point
Dakota Oil Pool, as heretofore classified, defined,
and described, are hereby extended to include
the Gallup formation and said pool is hereby
redesignated Dufers Point - Gallup Dakota Oil
Pool. Further that said pool is hereby
extended to include therein:

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPM
SECTION 2: N/2 & SE/4
SECTION 11: NE/4
SECTION 12: W/2

TOWNSHIP 25 NORTH, RANGE 8 WEST, NMPM
SECTION 20: SE/4
SECTION 27: SW/4
SECTION 28: S/2
SECTION 29: E/2
SECTION 34: N/2
SECTION 35: W/2