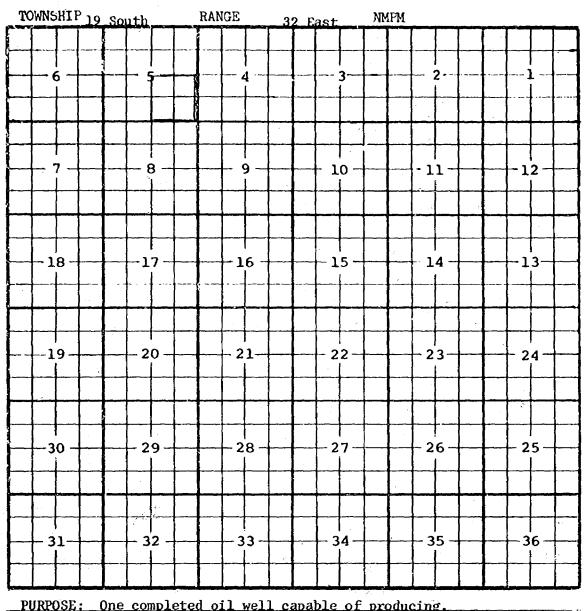
CASE 3106: SOUTHEASTERN NEW MEXICO NOMENCLATURE

# (ASE MO. 3106

APPlication,
TYANSCripts,
SMAIL Exh. bits
FTC.

COUNTY LEA

POOL LUSK-WOLFCAMP



PURPOSE: One completed oil well capable of producing.
McFARLAND CORPORATION - Price Federal #1-5 in Unit 0 6f Section 5-19-32
Completed in Wolfcamp on June 20, 1964. Top of Perforations 10,6721.
Proposed pool colored in red. SECTION 5: SE/4
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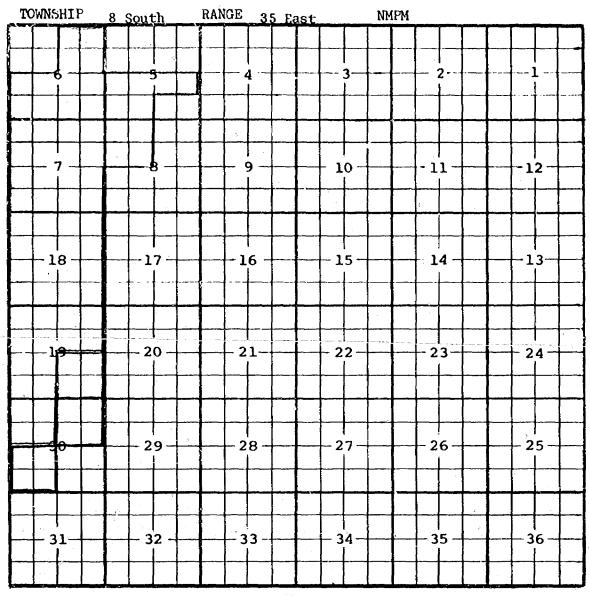
POOL JENKINS-SAN ANDRES

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ļ	and the same	nleted oil wells	capable of producing.	2.05

anable of producing.
purpose: Two completed oil wells capable of producing.
PURPOSE: Two completed oil Wells Capacity  SECO PRODUCTION COMPANY - Anderson #1 in Unit F of Section 20-9-35.  SECO PRODUCTION COMPANY - Anderson #1 in Unit F of Perforations 4781'.
SECO PRODUCTION COMPANY - Anderson #1 In Dury .  Completed in San Andres on May 17, 1963. Top of Perforations 4781'.  Completed in San Andres on May 17, 1963. Top of Section 20-9-35. Com-
Completed in San Andres on May 17, 1985. Top of Section 20-9-35. Com- SECO PRODUCTION COMPANY - Barnes #1 in Unit C of Section 20-9-35. Com-
pleted in San Andres on February 20, 1700
Pool boundary colored in red. SECTION 20: NW/4
Proposed pool extension colored in green. SECTION 20: NW/4

COUNTY ROOSEVELT

POOL MILNESAND-SAN ANDRES



PURPOSE: Eight completed oil wells capable of producing.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 19: SE/4

SECTION 30: NE/4 and SW/4

SOCONY MOBIL OIL COMPANY - Jacobs Federal #4 in Unit J of Section 19-8-35.

Completed in San Andres on May 30, 1964. Top of Perforations 4653'.

PAN AMERICAN PETROLEUM CORPORATION - USA R. E. Horton #5 in Unit G of Section 30-8-35. Completed in San Andres on June 22, 1964. Top of Perforations 4656'.

PAN AMERICAN PETROLEUM CORPORATION - USA Russell Horton #6 in Unit L of Section 30-8-35. Completed in San Andres on July 1, 1964. Top of Perforations 4656.

PAN AMERICAN PETROLEUM CORPORATION - USA Russell E. Horton #7 in Unit B. of Section 30-8-3 Completed in San Andres on July 8, 1964. Top of Perforations 467.

COUNTY

ROOSEVELT

POOL

MILNESAND-SAN ANDRES

TOWNSHIP

8 South

RANGE 35 East

NMPM

PAN AMERICAN PETROLEUM CORPORATION - USA Russell E. Horton #8 in Unit K of Section 30-8-35. Completed in San Andres on July 22, 1964. Top of Perforations 4656.

PAN AMERICAN PETROLEUM CORPORATION - USA Russell E. Horton #10 in Unit A of Section 30-8-35. Completed in San Andres on August 8, 1964. Top of Perforations 4718.

PAN AMERICAN PETROLEUM CORPORATION - USA Russell E. Horton #11 in Unit H of Section 30-8-35. Completed in San Andres on August 30, 1964. Top of Perforations 4718'.

PAN AMERICAN PETROLEUM CORPORATION - USA Russell E. Horton #12-in Unit N of Section 30-8-35. Completed in San Andres on August 20, 1964. Top of Perforations 4729.

COUNTY	CHAVES	POOL	TOBAC-PENNSY	LVANIAN	
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SIGNAL OIL & GAS COMPANY - State E-8253 #30-1 in Unit H of Section 308-33. Completed in Pennsylvanian (Bough C) on July 10, 1964. Top of
Perforations 9067.

ADDITION--SHELL OIL COMPANY - Levick State #2 in Unit G of Section 20-8-33.
Completed in Pennsylvanian on August 19, 1964. Top of Perforations 8946.

ADDITION--SUNSET INTERNATIONAL PETROLEUM CORPORATION - Humble State A
#2 in Unit E of Section 21-8-33. Completed in Pennsylvanian on August
5, 1964. Top of Perforations 9002.
Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 30: NE/4

ADDITIONS-SECTION 20: S/2 NE/4

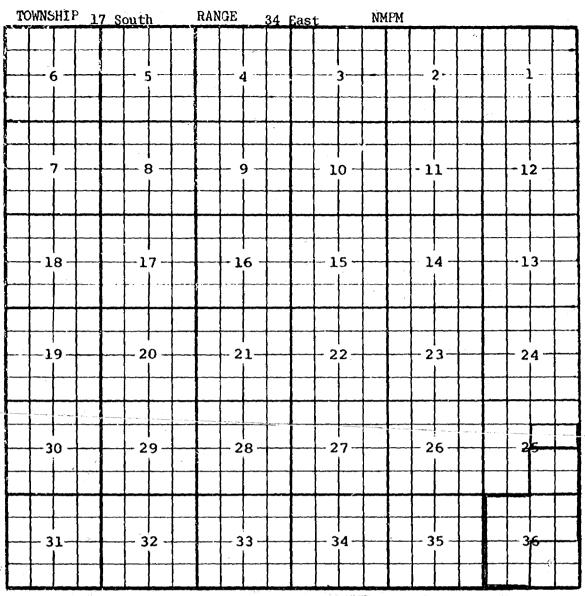
SECTION 21: S/2 NW/4

TOWNSHIP 17 South	RANGE 35	East NMP	M	
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19 20	21-	22	23	24
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32	33	34	35	36

rukrush: One completed off well capable or producing.
MARATHON OIL COMPANY - State Warn A/c 1 #3 in Unit F of Section 31-17-35
Completed in Abo on June 8, 1964. Top of Perforations 9122'.
ADDITIONTEXACO, INC State of New Mexico N #6 in Unit L of Section
30-17-35. Completed in Abo on July 1, 1964. Top of Perfora-
tions 90791.
Pool boundary colored in red.
Proposed pool extensions colored in green. SECTION 31: E/2 NW/4
ADDITION-SECTION 30: W/2 SW/4

CASE 3106: (e) EXTENSION OF AN EXISTING
TOWNSHIP 17 South RANGE RANGE (Continued)
TOWNSHIP 17 South RANGE 34 East NMPM
PURPOSE.
PURPOSE: As stated on preceding page, paragraph (e), Exhibit I.  ADDITIONTEXACO, INC Texaco Mobil State #1 in Unit H of Section 25-  tions 90931  ADDITIONSOCONY MORE
ADDITION-SOCONY MODEL
of Perforations 91151  Pool hound
pool extensions colored in green or
Proposed pool extensions colored in green. SECTION 25: S/2 NE/4  SECTION 36: N/2 SW/4

CASE 3106: (f) EXTENSION OF AN EXISTING OIL POOL (Continued on next page) COUNTY LEA POOL VACUUM-UPPER PENNSYLVANIAN TOWNSHIP 8 10 . 11 -12 .18 16 - 15 14 -19 20 21. 22 23 24 30 29 28 27 25 32 PURPOSE: One completed oil well capable of producing. 35 MARATHON OIL COMPANY - State Warn A/c 1 #3 in Unit F of Section 31-17-35. Completed in Pennsylvanian on July 8, 1964. Top of Perforations 10,124'. Pool boundary colored in red. Proposed pool extension colored in green. SECTION 31: W/2



PURPOSE: As stated on preceding page, paragraph (f), Exhibit I.
ADDITION-TEXACO, INC Texaco-Mobil State #1 in Unit H of Section 25-
17-34. Completed in Upper Pennsylvanian on August 1, 1964.
Top of Perforations 10,024'.
Pool boundary colored in red.
Proposed pool extension colored in green. SECTION 25: S/2 NE/4

CASE 3106: (g) EXTENSION OF AN EXISTING OIL POOL COUNTY LEA POOL VACUUM-YATES

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PURPOSE: One completed oil well capable of producing.

PHILLIPS PETROLEUM COMPANY - Santa Fe #97 in Unit N of Section 33-17-35,

Completed in Yates on June 23, 1964. Top of Perforations 3082'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 33: S/2

#### DOCKET: REGULAR HEARING - WEDNESDAY - SEPTEMBER 16, 1964

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

ALLOWABLE:

- (1) Consideration of the oil allowable for October, 1964.
- (2) Consideration of the allowable production of gas for October, 1964, 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 October, 1964.

CASE 3105: Application of Pubco Petroleum Corporation for recision of an administrative determination under Order No. R-333-F, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks recision of the Commission's action in determining under Order No. R-333-F that the shut-in pressure for deliverability calculation purposes was abnormally low in its State Well No. 6 located in Unit L of Section 36, Township 31 North, Range 9 West, Blanco Mesaverde Pool, San Juan County, New Mexico.

CASE 3106:

Southeastern New Mexico nomenclature case calling for an order for the creation and extension of certain pools in Lea, Roosevelt and Chaves Counties, New Mexico:

a) CREATE A new oil pool for Wolfcamp production, designated as the Lusk-Wolfcamp Pool, and described as:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM SECTION 5: SE/4

b) EXTEND the Jenkins-San Andres Pool to include therein:

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM SECTION 20: NW/4

c) EXTEND the Milnesand-San Andres Pool to include therein:

TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPN SECTION 19: SE/4
SECTION 30: NE/4 and SW/4

d) EXTEND the Tobac-Pennsylvanian Pool to include therein:

TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMPM SECTION 30: NE/4

e) EXTEND the North Vacuum-Abo Pool to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM SECTION 31: E/2 NW/4

f) EXTEND the Vacuum-Upper Pennsylvanian Fool to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM SECTION 31: W/2

g) EXTEND the Vacuum-Yates Pool to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM SECTION 33: S/2

#### NOMENCLATURE ADVERTISEMENT FOR SEPTEMBER, 1964 CASE 3/06

In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation of a new pool in Lea County, New Mexico, and extensions of certain existing pools in Chaves, Lea, and Roosevelt Counties, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations and extensions should not be made.

a) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production, designated as the Lusk-Wolfcamp Pool, and described as:

## TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM SECTION 5: SE/4

b) EXTEND the Jenkins-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM SECTION 20: NW/4

c) EXTEND the Milnesand-San Andres Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM SECTION 19: SE/4 SECTION 30: NE/4 and SW/4

d) EXTEND the Tobac-Pennsylvanian Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMPM SECTION 30: NE/4

e) EXTEND the North Vacuum-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM SECTION 31: E/2 NW/4

f) EXTEND the Vacuum-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM SECTION 31: W/2

g) EXTEND the Vacuum-Yates Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM SECTION 33: S/2

## 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. 3106 Order No. R-2771

THE APPLICATION OF THE OIL CONSERVATION COMMISSION UPON ITS OWN MOTION FOR AN ORDER CREATING AND EXTENDING CERTAIN POOLS IN CHAVES, LEA, AND ROOSEVELT COUNTIES, NEW MEXICO.

#### ORDER OF THE COMMISSION

#### BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on September 16, 1964, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this day of September, 1964, 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 Lea County, New Mexico, for the production of oil from the Wolf-camp formation, said pool to bear the designation of Lusk-Wolfcamp Pool. Said Lusk-Wolfcamp Pool was discovered by McFarland Corporation, Price Federal No. 1-5, located in Unit O of Section 5, Township 19 South, Range 32 East, NMPM. It was completed in Wolfcamp on June 20, 1964. The top of perforations is 10,672 feet.
- (3) That there is need for certain extensions to the Tobac-Pennsylvanian Pool in Chaves County, New Mexico, the Jankins-San

-2-CASE No. 3106 Order No. R-2771

Andres Pool, the North Vacuum-Abo Pool, the Vacuum-Upper Pennsylvanian Pool, and the Vacuum-Yates Pool, all in Lea County, New Mexico, and the Milnesand-San Andres Pool in Roosevelt County, New Mexico.

#### IT IS THEREFORE ORDERED:

(a) That a new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production, is hereby created and designated as the Lusk-Wolfcamp Pool, consisting of the following-described area:

## TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM Section 5: SE/4

(b) That the Jenkins-San Andres Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

# TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM Section 20: NW/4

(c) That the Milnesand-San Andres Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

## TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM Section 19: SE/4

Section 19: SE/4
Section 30: NE/4 and SW/4

(d) That the Tobac-Pennsylvanian Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

#### TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMPM

Section 20: S/2 NE/4 Section 21: S/2 NW/4 Section 30: NE/4

(e) That the North Vacuum-Abo Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

#### TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM

Section 25: S/2 NE/4 Section 36: N/2 SW/4 -3-CASE No. 3106 Order No. R-2771

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM Section 30: W/2 8W/4
Section 31: E/2 NW/4

(f) That the Vacuum-Upper Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM Section 25: 8/2 NE/4

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM Section 31: W/2

(g) That the Vacuum-Yates Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM Section 33: 6/2

#### IT IS FURTHER ORDERED:

That the effective date of this order and all creations and extensions included herein shall be October 1, 1964.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JACK M. CAMPBELL, Chairman

E. S. WALKER, Member

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

esr/

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1120 SIMMS BLDG. . P. O. BOX 1092 . PHONE 243-6691 . AIBUQUERQUE, NEW MEXICO

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
September 17, 1964

#### REGULAR HEARING

IN THE MATTER OF: Southeastern New Mexico nomenclature case calling for an order for the creation and extension of certain pools in Lea, Roosevelt and Chaves Counties, New Mexico.

Case No. 3106

BEFORE:

### TRANSCRIPT OF HEARING

MR. PORTER: We will now call Case Number 3106.

MR. DURRETT: We will call Mr. Rainey.

JOE D. RAINEY, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION



1092

. P. O. BOX

#### BY MR. DURRETT:

- Please state your name and position for the record.
- Joe D. Rainey, Supervisor, District One, New Mexico Oil Conservation Commission.
- Mr. Rainey, are you prepared to make recommendations to the Commission today concerning an order for the creation of the extension of certain pools of Lea County?
  - Yes, sir. Α
- Did you prepare the recommendations in the form of an Exhibit?
  - Yes, sir. Α
  - How is that marked? Q
  - Southeast New Mexico Nomenclature Exhibit One. Α
  - Exhibit One? Q
  - Paragraph "A" through "G".
- Would you please refer to that Exhibit and to the docket that has been prepared and distributed here today and point out in particular any discrepancies existing in the two?
- We have additions in Paragraph "D", "E" and "F" to what is shown on the docket.
  - Would you please state what those are?
- In Paragraph "D" in Township 8 South, Range 33 East, Section 20, the south half of the northeast quarter and in Section 21, south half of the northwest quarter.



HEW MEXICO

In Paragraph "E" in Township 17 South, Range 35 East, Section 30, west half of south half quarter and in Township 17 South, Range 34 East, Section 25, south half of the northeast quarter and in Section 36, the north half of the southwest quarter.

In Paragraph "F" in Township 17 South, Range 34 East, in Section 25, south half of the northeast quarter.

- Are all of your other recommendations just as shown Q on the docket?
  - Yes, they are.
- Do you have anything further you would like to point out to the Commission in connection with this Case?
  - No, sir, nothing further.
- Was Exhibit One prepared by you or under your supervision?

Α Yes.

MR. DURRETT: If the Commission please, I move the introduction of Exhibit One and that concludes my examination of Mr. Rainey.

MR. PORTER: The Exhibit will be admitted into the record.

> (Whereupon, Exhibit One was admitted into the record.)

MR. PORTER: Mr. Durrett, did you note any exceptions



in the record here as advertised?

MR. DURRETT: Not from the way it is advertised, just on the way it is shown on the docket.

MR. PORTER: Does anyone else have any questions of Mr. Rainey?

You may be excused.

(Witness excused.)

MR. PORTER: If there is nothing further to be offered in this Case, the Commission will take the Case under advisement and the Hearing is adjourned.

STATE OF NEW MEXICO )

COUNTY OF BERNALILLO )

I, CHARLES WALKER, 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 proteedings, to the best of my knowledge, skill and ability.

Witness my Hand and Seal this 8 day of Color, 1964.

Charles Huy Walker NOTARY EXBLIC

My Commission Expires: March 25, 1968.

## 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. 3106 ORDER NO. R- 377/

THE APPLICATION OF THE OIL CONSERVATION COMMISSION UPON ITS OWN MOTION FOR AN ORDER CREATING AND EXTENDING CERTAIN POOLS IN CHAVES, LEA, AND ROOSEVELT COUNTIES, NEW MEXICO.

#### ORDER OF THE COMMISSION

#### BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on September 16, 1964, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this <u>day of September</u>, 1964, 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 subject matter thereof.
- V(2) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Wolfcamp formation, said pool to bear the designation of Lusk-Wolfcamp Pool. Said Lusk-Wolfcamp Pool was discovered by McFarland Corporation, Price Federal No. 1-5, located in the SE/4, Unit 0 of Section 5, Township 19 South, Range 32 East, NMPM. It was completed in Wolfcamp on June 20, 1964. The top of perforations is 10,672 feet.
- (3) That there is need for certain extensions to the Tobac-Pennsylvanian Pool in Chaves, County, New Mexico, the Jenkins-San Andres Pool, the North Vacuum-Abo Pool, the Vacuum-Upper Pennsylvanian Pool, and the Vacuum-Yates Pool, all in Lea County, New Mexico, and the Milnesand-San Andres Pool in Roosevelt County, New Mexico.

#### IT IS THEREFORE ORDERED:

(a) That a new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production, is hereby created and designated as the Lusk-Wolfcamp Pool, consisting of the following described area:

## TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM SECTION 5: SE/4

(b) That the Jenkins-San Andres Pool in Lea County, New Mexico, as here-tofore classified, defined, and described, is hereby extended to include therein:

## TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM SECTION 20: NW/4

(c) That the Milnesand-San Andres Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM SECTION 19: SE/4
SECTION 30: NE/4 and SW/4

(d) That the Tobac-Pennsylvanian Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMPM SECTION 20: S/2 NE/4 SECTION 21: S/2 NW/4 SECTION 30: NE/4

(e) That the North Vacuum-Abo Pool in Lea County, New Mexico, as here-tofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM SECTION 25: S/2 NE/4 SECTION 36: N/2 SW/4

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM SECTION 30: W/2 SW/4 SECTION 31: E/2 NW/4

(f) That the Vacuum-Upper Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM SECTION 25: S/2 NE/4

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM SECTION 31: W/2

(g) That the Vacuum-Yates Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM SECTION 33: S/2

#### IT IS FURTHER ORDERED:

That the effective date of this order and all creations and extensions included herein shall be October 1, 1964.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JACK M. CAMPBELL, Chairman

E. S. Walker, Member

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