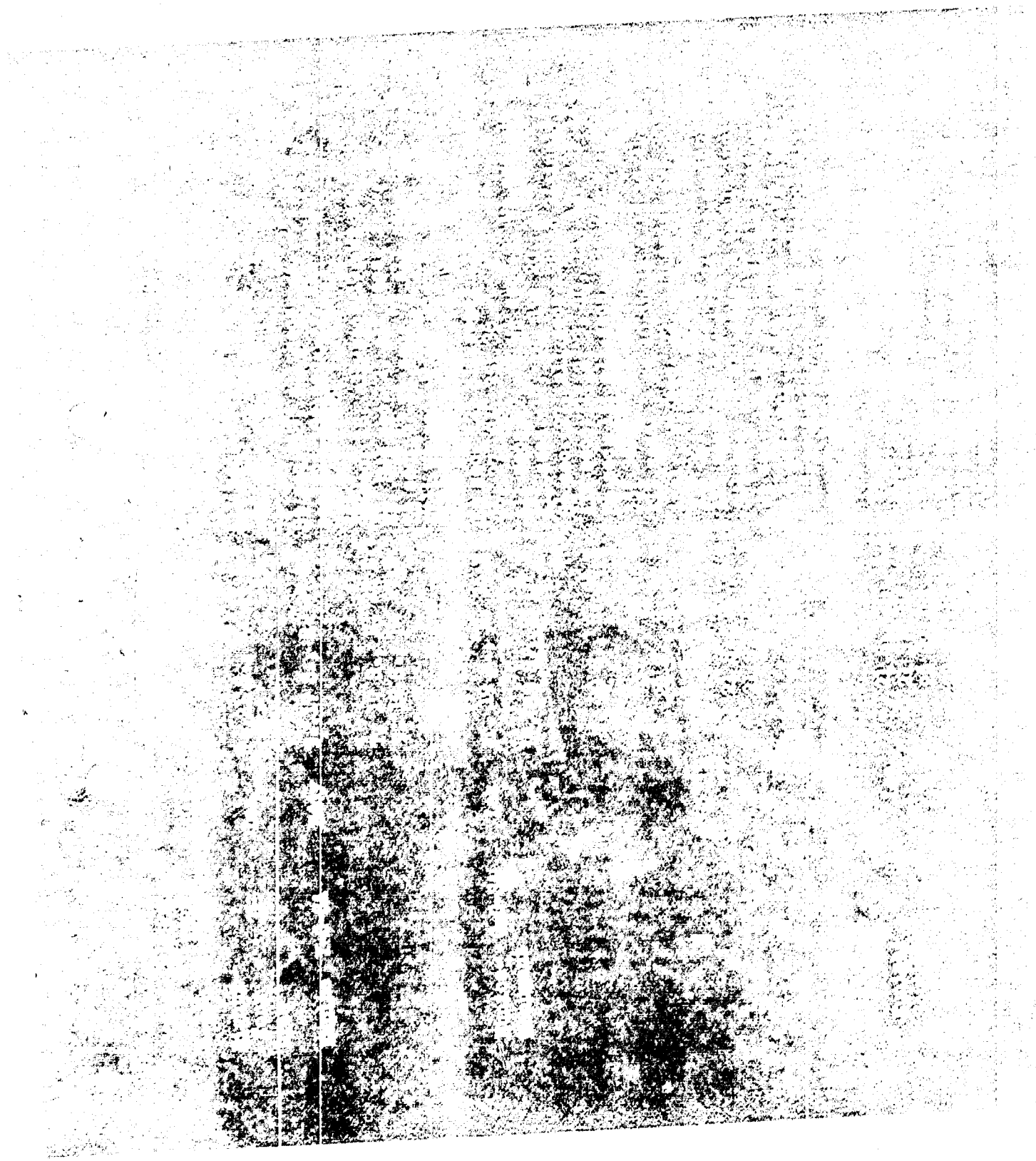
Case No.

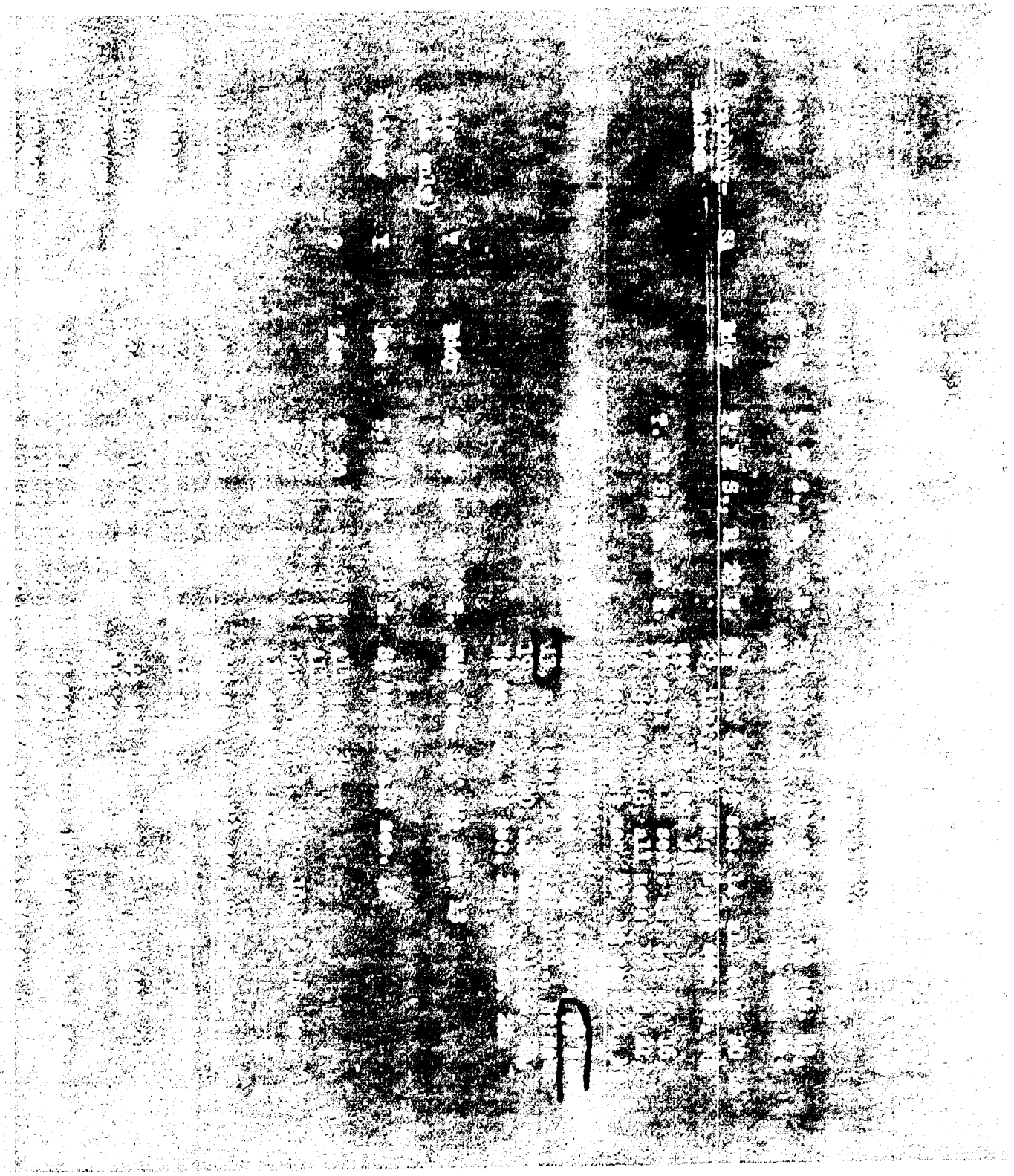
70

Application, Transcript, Small Exhibits, Etc.

NO. | NAME

Case 70 NOMENCLATURE COMM. REVISE OF





[illegible] N½

[illegible] 33, S½
[illegible] sec. 36
[illegible] 32

[illegible] 6, all secs.

[illegible] 21
[illegible] 11, N½ sec. 12

[illegible] 5, E½, SW¼
[illegible] 8, N½ sec. 9

[illegible]

[illegible] alb. sec. 35;

[illegible]

SUPPLEMENT NO. 5 (effective as of January 1, 1947) to Order No. 033

Recommendations of New Mexico Nomenclature Committee, dated December 5, 1946. ~~for extensions to pools.~~

Extend the Caprock pool of Chaves and Lea Counties to include: S½ Sec. 12 and N½ Sec. 13 of T. 13S, R. 31E; and S½ Sec. 7, W½ Sec. 8, NW¼ Sec. 17, and N½ Sec. 18 of T. 13S, R. 32E.

Abandon the Jones pool and include the area assigned to this pool as part of the Drinkard pool.

Extend the Drinkard pool as follows, which includes the area formerly assigned to the Jones pool plus an additional area in which wells producing from the Drinkard reservoir have been completed, are currently drilling or testing: Sections 20, 21, 26, 27, 28, 29, 32 and the E½ Sec. 36, all in T. 21S, R. 37E; Sections 1, 5, 8, 12, and the E½ Sec. 13 and the E½ Sec. 16 of T. 22, R. 37E, and the SW¼ Sec. 6, the W½ Sec. 7, and the W½ Sec. 18 of T. 22S, R. 38E.

Extend the Brunson pool to include: N½ Sec. 4, NW¼ Sec. 15, and NE¼ Sec. 16 of T. 22S, R. 37E.

Extend the Blinebry pool to include: SE¼ Sec. 12, and E½ Sec. 13 of T. 22S, R. 37E, all of Sections 30 and 31 of T. 22S, R. 38E, and Sec. 6 of T. 23S, R. 38E.

Extend the Justis pool to include: SW¼ Sec. 1 and SE¼ Sec. 2 of T. 25S, R. 37E.

Define the Bowers pool (new pool) to include: All of Sections 28, 29, 32, and 33 of T. 18S, R. 38E.

Define the Baish pool (new pool) to include: E½ Sec. 20, all Sec. 21, W½ Sec. 22, and N½ Sec. 28 of T. 17S, R. 32E.

SUPPLEMENT NO. 4 (effective as of October 1, 1946)
to Order No. 633.

Recommendations of New Mexico Nomenclature
Committee, dated August 27, 1946, for
extensions to pools.

Extend the Anderson pool to include: N½ sec. 2, and NE¼ sec. 3 of T. 17S., R. 29E.

Extend the Square Lake pool to include: NW¼ sec. 3, N½ sec. 4, and N½ sec. 5 of T. 17S., R. 31E.

Extend the Drinkard pool to include: all sec. 33, E½ sec. 35, and W½ sec. 36 of T. 21S., R. 37E., and, the E½ sec. 2 of T. 22S., R. 37E.

Extend the Cooper - Jal pool to include: all of sec. 14, T. 23S., R. 36E.

Extend the Justis pool to include: the NE¼ sec. 11, and NW¼ sec. 12, T. 25S., R. 37E.

SUPPLEMENT NO. 3 (effective as of August 1, 1946) to Order No. 633

Recommendations of New Mexico Nomenclature Committee, dated June 17, 1946, for additions to pools.

Add to the definition of the West Roberts Pool S½ sec. 3 and the N½ of sec. 10, all in T. 17S., R. 32E.

Add to the definition of the Maljamar Pool all of sec. 33, T. 17S., R. 33E.

Define a new pool to be known as the Weir Pool to include the E½ sec. 22, all of sec. 23, the W½ sec. 24, the NW¼ sec. 25, the N½ sec. 26, and the NE¼ sec. 27, all in T. 20S., R. 37E.

SUPPLEMENT NO. 2 (effective as of July 1, 1946) to Order 633

Recommendations of New Mexico Nomenclature Committee, dated April 26, 1946, for additions to pools.

Add to definition of Paddock pool the S½ sec. 35 and the S½ sec. 36, T. 21S., R. 37E. All of sections 3, 4, 5, 8, 9, and W½ sec. 10, W½ sec. 15, and N½ sec. 16, T. 22S., R. 37E.; the SW¼ sec. 31, T. 21S., R. 38E.; and, the W½ sec. 6 and W½ sec. 7, T. 22S., R. 38E.

Add to the definition of Drinkard pool all sec. 34 and W½ sec. 35, T. 21S., R. 37E.; the W½ sec. 2, all of sections 3, 4, 9, 10, 11, the W½ sec. 13, the E½ sec. 14, the W½ sec. 15, the E½ sec. 22, and all of sec. 36, T. 22S., R. 37E.; The E½ sec. 20, T. 22S., R. 38E.; and the S½ sec. 5, T. 23S., R. 38E.

Add to definition of Brunson pool the SW¼ sec. 3, S½ sec. 4, SE¼ sec. 5, E½ sec. 8, and the W½ sec. 10, T. 22S., R. 37E.

SUPPLEMENT NO. 1 (effective as of April 1, 1946) to Order 633.

Recommendations of New Mexico Nomenclature Committee, dated February 28, 1946, for additions to pools and the designation of new pools.

Additions to pool definitions:

Add to definition of Paddock pool all of sec. 2, the E½ sec. 10, all of secs. 11 and 14, and the E½ sec. 15, T. 22 S., R. 37 E.

Add to definition of Penrose-Skelly pool the N½ sec. 21, T. 23 S., R. 37 E.

Add to definition of Langlie-Mattix pool the S½ sec. 19, T. 23 S., R. 37 E.

Add to definition of West Roberts pool the SW¼ sec. 1, N½ sec. 11, and NW¼ sec. 12 T. 17 S., R. 32 E.

Add to definition of Lovington pool the W½ sec. 32, T. 16 S., R. 37 E., and W½ sec. 5, T. 17 S., R. 37 E.

New pool definitions:

The S½ sec. 26, the S½ sec. 27, and all of secs. 34 and 35, T. 16 S., R. 29 E., to be known as the Forest pool.

The S½ sec. 31, T. 18 S., R. 32 E., and the N½ sec. 6, T. 19 S., R. 32 E., to be known as the Watkins pool.

The SE¼ sec. 11, the SW¼ sec. 12, the NW¼ sec. 13, and the NE¼ sec. 14, T. 25 S., R. 37 E., to be known as the Justis pool.

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

COPY

February 1, 1946

Mr. Roy Yarbrough
Oil Conservation Commission
Hobbs, New Mexico

Mr. Raymond F. Miller
Oil Conservation Commission
Artesia, New Mexico

Re: Case No. 70 - Order No. 633

Gentlemen:

Enclosed please find mimeographed copy of the above captioned order.

Very truly yours,

Chief Clerk & Legal Adviser

CBL:MS

BEFORE THE OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

CASE NO. 70

IN THE MATTER OF THE APPLICATION OF THE NEW MEXICO NOMENCLATURE COMMITTEE FOR AN ORDER REVISING ORDER 588 DEFINING FIELDS IN THESE RESPECTS: TO DESIGNATE ALL SO-CALLED "FIELDS" DEFINED IN SAID ORDER AND IN ALL SUPPLEMENTS ISSUED THEREUNDER AS "POOLS". DELETE FROM DEFINITION OF GRAYBURG-JACKSON POOL ALL SECS. 13, 24 and 25, T. 17S., R. 31E., and ADD TO DEFINITION OF MALJAMAR POOL THE S½ SEC. 13, all of SECS. 24 AND 25, T. 17S., R. 31E. DELETE FROM EMPIRE POOL THE SE¼ SEC. 19., T. 17S., R. 28E., AND ADD TO RED LAKE POOL THE SE¼ SEC. 19, and NE¼ SEC. 30, T. 17s., R. 28E. DELETE FROM DEFINITION OF SKAGGS POOL ALL OF SEC. 23, T. 20S., R. 37E., TO BE KNOWN AS THE PENOCO POOL, TO INCLUDE OIL AND GAS PRODUCTION FROM THE PENNSYLVANIAN FORMATION FOUND IN THE SKAGGS B-23 WELL NO. 2. SW¼ NW¼ SEC. 23 AT DEPTHS OF 7700 to 7725 FEET THROUGH CASING PERFORATIONS. DELETE THE WORD "YESO" FROM THE NAME DRINKARD-YESO POOL. DELETE THE WORD "ELLENBURGER" FROM THE NAME DUBLIN-ELLENBURGER POOL. APPROPRIATE PROVISION AND PROCEDURE WHEREIN THE OIL CONSERVATION COMMISSION MAY IN ITS DISCRETION ADOPT IN EXECUTIVE SESSION CHANGES OF POOL BOUNDARIES AND DESIGNATION OF NEW POOLS UPON THE RECOMMENDATION OF THE NEW MEXICO NOMENCLATURE COMMITTEE.

Pursuant to notice by the Commission, duly made and published setting December 8, 1945 at 10 o'clock A. M., for hearing in the above entitled matter, said hearing was convened on said day, at said hour, in the New Mexican Room of the La Fonda, Santa Fe, New Mexico, the Commission sitting as follows:

HON. JOHN E. MILES, State Land Commissioner, Member
HON. R. R. SPURRIER, State Geologist, Secretary
HON. CARL B. LIVINGSTON, Chief Clerk & Legal Adviser

R E G I S T E R

NAME	COMPANY	ADDRESS
Glenn Staley	Lea County Operators	Hobbs, N. M.
Clarence Hinkle	Potash Company of America, Atty.	Roswell, N.M.
Geo. D. Riggs	Geologist	Carlsbad, N.M.
George W. Selinger	Skelly Oil Company	Hobbs, N.M.
Paul C. Evans	Gulf Oil Corporation	Hobbs, N. M.
E. J. Gallagher	Gulf Oil Corporation	Hobbs, N. M.
Harry A. Aurand	Potash Company of America	Carlsbad, N.M.
M. W. Phelan	Richfield Oil Corporation	Los Angeles
George K. Gibson	Richfield Oil Corporation	Los Angeles
T. P. Ellsworth	Richfield Oil Corporation	Bakersfield,Ca
Lewis Finch, Jr.	Stanolind Oil & Gas Company	Ft. Worth,Texa

NAME	COMPANY	ADDRESS
J. O. Seth, Atty.	Stanolind Oil & Gas Company	Santa Fe, N.M.
John M. Kelly	Geologist	Roswell, N. M.
C. S. Rose	Repollo Oil Company	Midland, Texas
G. H. Gray	Repollo Oil Company	Midland, Texas
Robert A. Pierce	Potash Company of America	Carlsbad, N.M.
L. W. Lodwick	Independent	Roswell, N. M.
Roy O. Yarbrough	Oil Conservation Commission	Hobbs, N. M.
Foster Morrell	U. S. Geological Survey	Roswell, N.M.
Chuck Aston	Consulting Geologist	Artesia, N.M.
Robert L. Bates	State Bureau of Mines & Mineral Resources	Socorro, N.M.

"NOTICE FOR PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

The Oil Conservation Commission as provided by law hereby gives notice of the following hearing to be held at Santa Fe, New Mexico at 10 A. M., December 8, 1945:

> In the matter of the application of the New Mexico Nomenclature Committee for an order revising order 588 defining fields in these respects: To designate all so-called "fields" defined in said order and in all supplements issued thereunder as "pools". Delete from definition of Grayburg-Jackson pool all Secs. 13, 24 and 25, T. 17S., R. 31E., and add to definition of Maljamar pool the S½ Sec. 13, all of Secs. 24 and 25, T. 17S., R. 31E. Delete from Empire pool the SE¼ Sec. 19., T. 17S., R. 28E., and add to Red Lake pool the SE¼ Sec. 19, and NE¼ Sec. 30., T. 17S., 28E., delete from definition of Skaggs pool all of Sec. 23, T. 20S., R. 37E., to be known as the Penoco pool, to include oil and gas production from the Pennsylvanian formation found in the Skaggs B-23 well No. 2. SW¼ NW¼ Sec. 23 at depths of 7700 to 7725 feet through casting perforations. Delete the word "Yeso" from the name Drinkard-Yeso pool. Delete the word "Ellenburger" from the name Dublin-Ellenburger pool. Appropriate provision and procedure wherein the Oil Conservation Commission may in its discretion adopt in executive session changes of pool boundaries and designation of new pools upon the reccommendation of the New Mexico Nomenclature Committee.

P R O C E E D I N G S

MR. FOSTER MORRELL: Commission please, I would like to call Mr. Glenn Staley to present the first part of the testimony.

(After being duly sworn Mr. Glenn Staley testified as follows)

MR. STALEY: We will designate all so-called fields that are defined in Order 588, and all supplements issued thereunder

as pools instead of defining them as fields. In the introduction, the outline of procedure is that of the New Mexico Nomenclature Committee, revised December 1, 1945, and revised list of the members as of December 1, 1945.

This is the outline of procedure for the New Mexico Nomenclature Committee, revised December 1, 1945.

Present Members of the Committee

Aston, Chuck (Assistant Secretary)	Ward Building, Artesia, New Mexico
Bates, R. L.	State Bureau of Mines and Mineral Resources Socorro, New Mexico
Billinger, W. R.	Shell Oil Co., Box 1457, Hobbs, New Mexico
Boss, R. L. (Vice-Chairman)	Gulf Oil Corp., Box 1667, Hobbs, New Mexico
Gray, Ralph	Stanolind Oil and Gas Co., Box F, Hobbs,N.M.
Knoepfel, R. M.	Atlantic Refining Co., Box 808, Carlsbad,N.M.
Lamb, N. R.	Continental Oil Co., Box CC, Hobbs, N. M.
Morrell, Foster (Chairman)	U.S. Geological Survey, Box 997, Roswell,N.M.
Scott, W. E.	Buffalo Oil Co., Box 265, Artesia, N. M.
Staley, Glenn (Secretary)	Lea County Operators' Committee, Drawer I, Hobbs, New Mexico
Spurrier, R. R. (EX-Officio Member)	Oil Conservation Commission, Box 871, Santa Fe, New Mexico

The purpose of the recommended changes in Order No. 588, is to designate all so-called "fields" defined in said order and in all supplements issued thereunder as "pools".

"INTRODUCTION

The discovery of oil and gas in formations of Pennsylvania and Ordovician ages, the structural conditions or areas of accumulations of which differ widely from structures and accumulations controlling Permian production, and the development of production from Permian formations which includes common accumulations extending into more than one defined field, has necessitated a revision in the terminology of fields and pools of south-

eastern New Mexico as used in Order No. 588 of the New Mexico Oil Conservation Commission and in the original Outline of Procedure for the New Mexico Field Nomenclature Committee.

"It is recognized that so far as possible all oil and gas from a single common reservoir should be produced, measured, and recorded separately. Under field definitions heretofore recommended by the Field Nomenclature Committee and approved by the Oil Conservation Commission some developed and potential common reservoirs extend into more than one field and the records of production and proration are divided by fields.

"To unify and simplfy records and proration it is now recommended that the existing 'fields' definitions approved under Order No. 588 and supplements Nos. 1, 2 and 3 thereof be retained as to land descriptions but that they be considered hereafter as definitions of 'pools'.

"For the above reasons the Outline of Procedure for the New Mexico Nomenclature Committee, heretofore known as the New Mexico Field Nomenclature Committee has been revised as of December 1, 1945."

(Outline of Procedure filed as Exhibit "A")

"The purpose of the recommended change in Order No. 588 is to designate all so-called 'fields' defined in said order and in all supplements issued thereunder as 'pools'. The land descriptions of the previously defined fields are to be retained and are hereafter to be referred to as defined pools, except for specific changes to be recommended. The oil and gas accumulations and reservoirs at different depths and from separable geologic formations are so overlapping that the further use of field definitions would be misleading and cause confusion in the records.

"It is intended that all presently developed and future developed oil and gas production be classified by pools. The

particular geologic formation or formations from which each pool produces will be appropriately noted in the records. Separation of production by geologic formations in existing pools based on definitions under Order No. 588 and Supplements Nos. 1, 2 and 3 thereof will be made only at the request of the Commission or on application of the operators to the Commission, in either case the Committee is to be furnished with adequate evidence to support the request."

(Supplemental Statement filed as Exhibit "B")

MR. MORRELL: Mr. Chuck Aston will give justification for the name changes.

(After being duly sworn, Mr. Chuck Aston testified as follows)

MR. ASTON: Notice of Hearing states to delete from the definition of the Grayburg-Jackson pool all secs. 13, 24 and 25, T. 17S., R. 31E., and add to definition of Maljamar pool the S½ sec. 13, all of secs. 24 and 25, T. 17S., R. 31E.

The justification for this proposal is that oil production in secs. 24 and 25, T. 17S., R. 31E is from both the Grayburg and San Andres formations, the pay zones being found from depths of 3430 to 3975 feet. Recent developments in secs. 14, 15, 22 and 23, T. 17S., R. 31E., indicate an area of transition in structure, sediments and porosity sufficient to warrant a revised definition between these two pools, even though they are on the same major geological structure.

Next, the Notice of Hearing states delete from the Empire pool the SE¼ of sec. 19, T. 17S., R. 28E., and add to Red Lake pool the SE¼ sec. 19 and NE¼ sec. 30, T. 17S., R. 28E.

Justification: the oil production from the Empire pool is predominately from the Yates formation with pay zones from 450 to 650 feet. No such shallow production has been developed in the SE¼ sec. 19, T. 17S., R. 28E. Two wells have been completed recently in the SE¼ sec. 19 with production from the Grayburg

and possibly upper San Andres formations, and pay zones ranging from depths of 1750 to 1900 feet. These are the same pay zones from which production is obtained in the Red Lake pool. It is intended that the SE¼ sec. 19 be deleted from the Empire pool and added to the Red Lake pool for these reasons. The Red Lake pool is also extended to embrace the NE¼ sec. 30 to include additional production recently developed on that land from the Grayburg formation."

"The Notice of Hearing states delete from definition of Skaggs pool all of sec. 23, T. 20S., R. 37E., and make the following pool definition: all of sec. 23, T. 20S., R. 37E., to be known as the Penoco pool, to indicate oil and gas production from the Pennsylvanian formation found in the Skaggs B-23 well No. 2, SW¼NW¼ sec. 23 at depths of 7700 to 7725 feet through casing perforations."

"Justification: oil production in sec. 23, T. 20S., R. 37#., is from the Pennsylvanian formation found in the Skaggs B-23 well No. 2, SW¼NW¼ Sec. 23, at depths of 7700 to 7725 feet through casing perforations. This production in the original Skaggs pool in sec. 24, T. 20S., R. 37E., and secs 19 and 30, T. 20S., R. 38E., which is obtained from pay zones at depths of 3700 to 3889 feet in the Grayburg formation. The Pennsylvanina production in sec. 23 was designated as a new pool known as Skaggs-Deep pool by Supplement No. 3, and it is now intended to change the name of the pool to the Cass pool. The original recommendation for the pool name was "Penoco" but this was later considered as possibly confusing with the trade name of the Penn Oil Company, and the name "Cass" is now recommended by majority vote of the Nomenclature Committee."

"Notice of Hearing states delete the word "Yeso"from the name Drinkard-Yeso pool. Delete the word 'Ellenburger' from the name Dublin-Ellenburger pool.

"Justification: in view of the recommended change in use of

term "pool" in lieu of previously defined "fields," it is con sidered that the formation name need no longer be hyphenated to the pool name. Each pool will be given a separate name and the formation from which production is obtained will be appropriately recorded but not made a part of the pool name."

It is the recommendation of the Nomenclature Committee that the above changes be made effective January 1, 1946, so that all records of production may be retained on an annual basis.

MR. MORRELL: That completes the evidence we have in this case.

MR. SELINGER: Mr. Staley, in the Nomenclature Committee Recommendation for designation of pools they indicate the condition of getting out the proration schedule, indicating a separate unit allowable for each pool.

MR. STALEY: That is true.

MR. SELINGER: At the present time the schedule does not give recognition to pools but merely to units regardless of the pay formation, is that right?

MR. STALEY: That is true.

MR. SELINGER: That is all.

MR. SPURRIER: Any further questions or comments to be offered on this case?

MR. SELINGER: With reference to the last line in the call notice in Case No. 70. The Commission is well aware of the fact that a number of pools in the State of New Mexico are receiving oil well payment from the OPA, and I would like to plead with the Commission in re-defining pools that they take into consideration the confusion that would result in the changing of pools insofar as they are affected by subsidies. Last year in the Penrose and Skelly areas where operators received a so-called subsidy, when the fields were re-defined caused confusion with the pipe line and OPA. Took our Company three months to get the matter straightened out. Since the subsidies are more or less emergencies, we trust the Commission won't re-define these pools receiving

subsidies, might affect the balance either way.

MR. SPURRIER: Any further questions or comments?

(No further questions)

MR. SPURRIER: If not, the Commission will take the case under advisement.

C E R T I F I C A T E

I, Vastie Fowler, Reporter for the Oil Conservation Commission, hereby certify that I took down the statements made at the hearing held before the Commission on December 8, 1945;

IN THE MATTER OF THE APPLICATION OF THE NEW MEXICO NOMENCLATURE COMMITTEE FOR AN ORDER REVISING ORDER 588 DEFINING FIELDS IN THESE RESPECTS: TO DESIGNATE ALL SO-CALLED "FIELDS" DEFINED IN SAID ORDER AND IN ALL SUPPLEMENTS ISSUED THEREUNDER AS "POOLS". DELETE FROM DEFINITION OF GRAYBURG-JACKSON POOL ALL SECS. 13, 24 and 25, T. 17S., R. 31E., and ADD TO DEFINITION OF MALJAMAR POOL THE S½ Sec. 13, ALL OF SECS. 24 and 25, T. 17S., R. 31E. DELETE FROM EMPIRE POOL THE SE¼ SEC. 19., T. 17S., R. 28E., AND ADD TO RED LAKE POOL THE SE¼ SEC. 19, AND NE¼ SEC. 30, T. 17S., R. 28E. DELETE FROM DEFINITION OF SKAGGS POOL ALL OF SEC. 23, T. 20S., R. 37E., TO BE KNOWN AS THE PENOCO POOL, TO INCLUDE OIL AND GAS PRODUCTION FROM THE PENNSYLVANIAN FORMATION FOUND IN THE SKAGGS B-23 WELL NO. 2. SW¼ NW¼ SEC. 23 AT DEPTHS OF 7700 TO 7725 FEET THROUGH CASING PERFORATIONS. DELETE THE WORD "YESO" FROM THE NAME DRINKARD-YESO POOL. DELETE THE WORD "ELLENBURGER" FROM THE NAME DUBLIN-ELLENBURGER POOL. APPROPRIATE PROVISION AND PROCEDURE WHEREIN THE OIL CONSERVATION COMMISSION MAY IN ITS DISCRETION ADOPT IN EXECUTIVE SESSION CHANGES OF POOL BOUNDARIES AND DESIGNATION OF NEW POOLS UPON THE RECOMMENDATION OF THE NEW MEXICO NOMENCLATURE COMMITTEE.

Case No. 70, and that the foregoing transcript constitutes, to the best of my knowledge and belief, a true and correct copy of all the oral statements and exhibits presented before the Commission.

Vastie Fowler

Vastie Fowler, Reporter

March 13, 1946

Mr. Foster Morrell
Supervisor, Oil and Gas Operations
Box 997
Roswell, New Mexico

Dear Mr. Morrell:

With reference to your letter of 7 March and order of the same date, please be advised as follows:

Order No. 633 is interpreted by this office to require separation of oil produced from separate pools whether these pools be separated by 1,000 feet vertically or 100 miles horizontally. It is not our purpose, however, to specifically designate how the separation will be accomplished. It will be suggested to operators on State and Patented land that separation should be accomplished in separate tanks for the following reasons:

1. To protect the operator from suspicion or prosecution under the Connally Act.

2. To provide accurate records for each pool concerned.

3. To realize the maximum price (if any differential) from the higher gravity oils.

If the pools which over-lie one another and are separated by feet were separated by miles horizontally, the pool or lease would of necessity require a different battery of tanks, however, if the operator can save the expense of complete tank batteries and use only separate tanks, it would seem advisable.

Very truly yours,

R. R. SPURRIER

RRS:mem

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

P. O. Box 997
Roswell, New Mexico
March 7, 1946

Mr. R. R. Spurrier
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Spurrier:

Enclosed is a copy of my order of March 7 to oil and gas lessees and operators on public lands of the United States in Lea, Eddy and Chaves Counties, New Mexico, requiring the physical separation in separate tanks of oil produced from separate pools as defined in order No. 633, case No. 70, of the Oil Conservation Commission, approved January 15, 1946, and effective as of January 1, 1946.

It is my understanding that the requirement for physical separation of oil from different pools as outlined in my order of March 7 conforms with your interpretation of the meaning and intent of your order No. 633 and that a similar requirement will be made by the Commission on State and fee lands.

Your attention is invited to the reference made to this subject in the minutes of the Lea County Operators and Engineers meeting held in Hobbs on January 26, 1946. These minutes state that production from deep and shallow pay zones will not require a separate tank battery but it would be necessary that the production be kept separated for reporting on form No. C-115 and for a per-acre recovery figure. The statement made is essentially correct but should be expanded to avoid possible misinterpretation by Lea County operators. The oil from separate pools should be separated in separate tanks, but such tanks may be a part of an existing tank battery or a separate tank battery at the convenience and option of the operator.

I would appreciate your comments on the actions taken and suggestions made on this subject.

Very truly yours,

Foster Morrell

FOSTER MORRELL,
Supervisor, Oil and Gas Operations.

cc: Mr. Glenn Staley
Drawer I
Hobbs, New Mexico

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

COPY

February 5, 1946

Mr. Foster Morrell
U. S. Geological Survey
Roswell, New Mexico

Dear Mr. Morrell:

I have your letter of January 29 in which you invited my attention to an error in Order No. 633. Thank you for the advice and proper corrections have been made.

I am sorry to have missed you last week but the hearing in Houston required my attention longer than I expected. You will note in the enclosed copy of letter to Glenn Staley that I expect to be in Roswell early next week. If it is convenient with you also, Glenn and I will meet in your office. Please advise if this is satisfactory.

Very truly yours,

RRS:MS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

P. O. Box 997
Roswell, New Mexico
January 29, 1946

Mr. R. R. Spurrier
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Spurrier:

I have received mimeographed copies of case No. 70, order No. 633, issued by the Oil Conservation Commission on January 15, 1946, covering the revision of order No. 588 and designating pools in Lea, Eddy and Chaves Counties as of January 1, 1946.

Your attention is invited to an error that was previously overlooked. The S½ sec. 13, T. 17 S., R. 31 E. should be deleted from the description of the Grayburg-Jackson pool. The same acreage is correctly shown as in the Maljamar pool.

A typographical error is noted under the Harrison pool where the producing formation symbol should be changed from "F" to "P".

These matters are being called to your attention in case inquiries are made, and for appropriate change should it become necessary to mimeograph an additional supply of order No. 633.

Very truly yours,

Foster Morrell

FOSTER MORRELL
Supervisor, Oil and Gas Operations

cc: Mr. Glenn Staley
Hobbs, New Mexico

File in Case 70 - not as an Exhibit but as information as to what wells are producing from certain new underlying or overlying pools

P. O. Box 997
Roswell, New Mexico
December 12, 1945

Mr. R. R. Spurrier, Director
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Spurrier:

As requested during a conference with you in Santa Fe on December 8, I am enclosing a tabulation of wells producing from the respective geologic formations for which the following pool names have been recommended by the Nomenclature Committee: Fren, Pearsall, Brunson, Cass, Drinkard, and Paddock. The tabulation has been prepared so that it would be a convenient reference for the preparation of the proration schedule for January 1946, should the Commission approve the Nomenclature Committee recommendations as of January 1, 1946.

The wells in the Fren pool were formerly listed under Premier or Grayburg-Jackson fields. The wells in the Pearsall pool were formerly listed in the Maljamar field. The one well in the Brunson pool was formerly listed under the Penrose-Skelly field. The one well in the Cass pool was formerly listed under Skaggs-Deep field. The wells in the Drinkard pool were formerly listed under the Drinkard-Yeso field, except for the Gulf Boyd well No. 2 and the Samedan Boyd well No. 1, which were listed under the Penrose-Skelly field. All wells in the Paddock pool were formerly listed under the Paddock field.

I am forwarding a copy of this letter and the attached list of new pool wells to members of the Nomenclature Committee, and I am requesting that they inform you and Mr. Glenn Staley of any errors noted.

Also enclosed for your information is a copy of the outline of procedure for the New Mexico Nomenclature Committee (revised as of December 1, 1945), corrected to include all suggestions agreed upon at the committee meeting in Hobbs on November 26, 1945.

Very truly yours,

Foster Morrell

FOSTER MORRELL, Chairman
Field Nomenclature Committee

[illegible]	WELL	UNIT	S. T. R.

FRSH POOL

[illegible], 22, 23, 24, 25, 26, 27, T. 17 S., R. 30 E.; all secs. 19, 20, [illegible], 29, 30, T. 17 S., R. 31 E. Wells producing only from the Seven [illegible] December 1, 1945.)

[illegible]	[illegible]	[illegible]	13-17-31
[illegible]	[illegible]	B	"
[illegible] OIL & REG. CO.			
Fulton	1	B	30-17-31
Turner A	16	H	19-17-31
"	17	G	"
"	18	E	"
"	19	F	"
Turner B	12	L	20-17-31
"	13	H	"
"	14	N	"
"	15	E	"
"	16	F	"
"	17	K	"
"	18	J	"
"	19	I	"
FRSH OIL CO.			
[illegible]	[illegible]	O	19-17-31
"	[illegible]	N	"
"	[illegible]	K	"
"	[illegible]	I	"
"	5	P	"
[illegible]	[illegible]	[illegible]	
[illegible]	3	J	19-17-31
[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	J	[illegible]-17-30
[illegible]	[illegible]	I	28-17-30
[illegible]	[illegible]	P	"
[illegible]	[illegible]	[illegible]	"
[illegible]	[illegible]	[illegible]	"

COMPANY WELL	WELL	UNIT	S. T. R.
[illegible], G. M.			
[illegible]	1	L	19-17-31
"	2	M	"
[illegible] OIL CO.			
Parks B	2	L	23-17-30
SCHUSTER-FULTON & HADLOCK			
Yates	1	C	30-17-31
"	2	F	"
[illegible] OIL CO.			
[illegible] B	6	G	21-17-31
[illegible] A	3	C	22-17-31
WOOLLEY, ~~[illegible]~~ R. R.			
McIntyre H	5	K	23-17-30
WOOLLEY, R. R.			
Arnold A	5	P	22-17-30
"	6	N	23-17-30
Arnold B	6	O	22-17-30
McIntyre H	6	K	23-17-30

PEARSALL POOL

(All secs. 26, 32, 33, 34, 35, T. 17 S., R. 32 E.; all secs. 4, 5, T. 18 S., R. 32 E. Well producing only from the Queen formation as of December 1, 1945.)

BROOK & FERGUSON			
Pearsall B	1	D	4-18-32
"	2	C	"
"	1	B	"
[illegible] OIL CO.			
[illegible] A	1	A	5-18-32
[illegible]	2	B	"
[illegible], FAIR & ALLEN			
[illegible] B	2	1	26-17-32

Lease	Well	Unit	S. T. R.
[illegible] OIL CO.			
[illegible] A	9	F	33-17-32
"	10	N	"
" AX	1	L	"
"	2	M	"
SCHLUTERS, C. H. Walker A	1	J	5-18-32
SHIPPS OIL CO. [illegible]	1	H	5-18-32
[illegible] DRLG. CO. [illegible]	1	B	35-17-32
[illegible], [illegible], Jr., ET AL State	1	I	32-17-32
"	3	J	"

BRUNSON POOL

(All sec. 9, T. 22 S., R. 17 E. Wells producing only from Ellenburger formation as of December 1, 1945.)

FERROSS, SOWYLLE, INC. Ferrace	1	F	9-22-37

CASS POOL

(All sec. 23, T. 20 S., R. 37 E. Wells producing only from Pennsylvanian formation as of December 1, 1945.)

CONTINENTAL OIL CO. Wagner B	2	E	23-20-37
	3	A	"

DRINKARD POOL

(All secs. 23, 24, 25, 26, T. 22 S., R. 37 E.; all secs. 19, 29, 30, 31, 32, N½ sec. 20, T. 22 S., R. 38 E.; N½ sec. 5, all sec. 6, T. 23 S., R. 38 E. Wells producing only from Drinkard pay zones, lower Leonard formation, as of December 1, 1945.)

[illegible]		E	23-22-37

Lease	Well No.	Unit	S. T. R.
[illegible]	1	G	6-23-38
GULF OIL CORP.			
Boyd	2	C	23-22-37
Drinkard	1	G	30-22-38
Guthrie	1	H	19-22-38
Higgins	1	J	29-22-38
Lanthery	1	K	"
Pike	1	B	6-23-38
[illegible]	1	A	31-22-38
Stanolind	1	B	32-22-38
Stanolind	1	D	29-22-38
Fielding			
SHUMAN OIL CORP.			
Boyd	1	J	23-22-37
STANOLIND OIL & GAS CO.			
Stake	1	C	32-22-38
TEXAS COMPANY			
Blanbry	2	N	29-22-38

PADDOCK POOL

(All wells in T. 22, R. 37 E. and T. 20 S., R. 37 E. Wells producing only from Paddock pool, Upper Yeso formation, as of December 1, 1945.)

Lease	Well No.	Unit	S. T. R.
GULF OIL CORP.			
Paddock	1	O	1-22-37
"	2	N	"
[illegible] OIL & GAS, INC.			
[illegible]	1	B	13-22-37
[illegible]	1	C	12-22-37
[illegible] OIL CORP.			
[illegible]	1	H	1-22-37
[illegible]	1	K	"
[illegible]	2	L	"
"	3	M	"
"	4		
[illegible]	1	D	12-22-37
[illegible]	1	C	"
[illegible]			

WELL COMPANY	WELL	UNIT	S. T. R.
APOLLO OIL COMPANY			12-22-57
Valdez, Alaska	1	B	
	2	A	

Extra COPY

November 17, 1945

Oil Conservation Commission
Santa Fe, New Mexico

P E T I T I O N

The New Mexico Nomenclature Committee, pursuant to Section 3 of Order No. 588, Case No. 58, approved by the Oil Conservation Commission January 29, 1945, effective March 1, 1945, hereby recommends to the Commission a change in the Outline of Procedure for the Nomenclature Committee in accordance with the draft of such outline revised as of December 1, 1945, copy attached hereto, and hereby petitions the Commission for a hearing for the purpose of receiving evidence regarding the change.

The purpose of the change is to delete the word "field" from field definitions approved under Order No. 588 and Supplements Nos. 1, 2 and 3 thereof and to substitute therefore the word "pool". The land descriptions of the previously defined fields are to be retained and hereafter referred to as defined pools, except for changes to be recommended.

Respectfully submitted,

(SGD) Glenn Staley, by F. Morrell
Glenn Staley, Secretary
New Mexico Nomenclature
Committee

Copy COPY

November 17, 1945

Oil Conservation Commission
Santa Fe, New Mexico

P E T I T I O N

The New Mexico Nomenclature Committee, pursuant to Section 3 of Order No. 588, Case No. 58, approved by the Oil Conservation Commission January 29, 1945, effective March 1, 1945, hereby recommends to the Commission the following revisions of pool definitions and new pool definitions, and petitions the Commission for a hearing to receive evidence for such changes and additions:

Recommended revisions of pool definitions:

1. Delete from definition of Grayburg-Jackson pool all of secs. 13, 24 and 25, T. 17 S., R. 31 E.

2. Add to definition of Maljamar pool the S½ sec. 13, all of secs. 24 and 25, T. 17 S., R. 31 E.

3. Delete from definition of Skaggs pool all of Sec. 23, T. 20 S., R. 37 E.

4. Delete from Empire pool the SE¼ sec. 19, T. 17 S., R. 28 E.

5. Add to Red Lake pool the SE¼ sec. 19, and NE¼ sec. 30, T. 17 S., R. 28 E.

6. Delete the word "Yeso" from the name Drinkard-Yeso Pool.

7. Delete the word "Ellenburger" from the name Dublin-Ellenburger pool.

8. Add to Paddock pool the N½ sec. 1, S½ sec. 12, all of sec. 13, T. 22 S., R. 37 E.

9. Add to Drinkard pool all of secs. 23, 26, W½ sec. 24, W½ sec. 25, T. 22 S., R. 37E., NE¼ sec. 29, all sec. 31, S½ sec. 32, T. 22 S., R. 38 E., N½ sec. 5, all sec. 6, T. 23 S., R. 38 E.

10. Add to Caprock pool all of sec. 1, T. 13 S., R. 31 E.

11. Add to Artesia pool the NE¼ sec. 23, T. 18 S., R. 27 E.

Recommended new pool definitions:

1. All sec. 9, T. 22 S., R. 37 E., to be known as the Brunson pool, to include oil and gas production from the Ellenburger formation of Ordovician age found in the Penrose well No. 1, SE¼NW¼ sec. 9, at depths of 8759 to 8882 through casing perforations.

2. All sec. 23, T. 20 S., R. 37 E., to be known as the Penoco pool, to include oil and gas production from the Pennsylvanian formation found in the Skaggs B-23 well No. 2, SW¼ NW¼ sec. 23 at depths of 7700 to 7725 feet through casing perforations. This pool was defined and designated under Supplement No. 2 to Order No. 588, approved May 14, 1945, as Skaggs-Deep pool pending determination of the geological formation from which production was obtained. Bulletin 23 of the New Mexico Bureau of Mines and Mineral Resources, issued in October 1945, classifies the production as from the Pennsylvanian formation and official recognition as such is now warranted.

Respectfully submitted,

(SGD) Glenn Staley, by F. Morrell
Glenn Staley, Secretary,
New Mexico Nomenclature Committee.

OIL CONSERVATION COMMISSIO
SANTA FE, NEW MEXICO

COPY

January 16, 1946

Mr. Glenn Staley
Proration Office
Hobbs, New Mexico

Re: Case No. 70.

Dear Glenn:

Enclosed please find copy of Order 633, Case No. 70.

When you have mimeographed this order please be good enough to send this office several copies.

With kindest personal regards.

Very truly yours,

Chief Clerk & Legal Adviser

CBL:MS

R5

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

COPY

January 16, 1946

Mr. Foster Morrell, Chairman
New Mexico Nomenclature Committee
P. O. Box 997
Roswell, New Mexico

Re: Case No. 70

Dear Mr. Morrell:

Enclosed please find Supplements 4 and 5 to Order No. 588.

Also enclosed is copy of Order 633, Case 70.

Very truly yours,

Chief Clerk & Legal Adviser

CBL:MS

R5

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. 70

ORDER NO. 633

THE APPLICATION OF THE NEW MEXICO NOMENCLATURE COMMITTEE FOR AN ORDER REVISING ORDER 588 DEFINING FIELDS IN THESE RESPECTS: TO DESIGNATE ALL SO-CALLED "FIELDS" DEFINED IN SAID ORDER AND IN ALL SUPPLEMENTS ISSUED THEREUNDER AS "POOLS". DELETE FROM DEFINITION OF GRAYBURG-JACKSON POOL ALL OF SECS. 13, 24 and 25, T. 17 S., R. 31 E., AND ADD TO DEFINITION OF MALJAMAR POOL THE S½ SEC. 13, ALL OF SECS. 24 AND 25, T. 17 S., R. 31 E. DELETE FROM EMPIRE POOL THE SE¼ SEC. 19, T. 17 S., R. 28 E., AND ADD TO RED LAKE POOL THE SE¼ SEC. 19, AND NE¼ SEC. 30, T. 17 S., R. 28 E. DELETE FROM DEFINITION OF SKAGGS POOL ALL OF SEC. 23, T. 20 S., R. 37 E, AND MAKE THE FOLLOWING POOL DEFINITION: ALL SEC. 23, T. 20 S., R. 37 E., TO BE KNOWN AS THE CASS POOL, TO INCLUDE OIL AND GAS PRODUCTION FROM THE PENNSYLVANIAN FORMATION FOUND IN THE SKAGGS B-23 WELL NO. 2, SW¼NW¼ SEC. 23 AT DEPTHS OF 7700 TO 7725 FEET THROUGH CASING PERFORATIONS. DELETE THE WORD "YESO" FROM THE NAME DRINKARD-YESO POOL. DELETE THE WORD "ELLENBURGER" FROM THE NAME DUBLIN-ELLENBURGER POOL. APPROPRIATE PROVISION AND PROCEDURE WHEREIN THE OIL CONSERVATION COMMISSION MAY IN ITS DISCRETION ADOPT IN EXECUTIVE SESSION CHANGES OF POOL BOUNDARIES AND DESIGNATION OF NEW POOLS UPON THE RECOMMENDATION OF THE NEW MEXICO NOMENCLATURE COMMITTEE.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at ten o'clock A.M., December 8, 1945, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this 15th day of January, 1946, the Commission having before it for consideration the testimony adduced at the hearing of said case and being fully advised in the premises;

IT IS THEREFORE ORDERED:

SECTION 1. That the oil and gas pools in Lea, Eddy and Chaves Counties are hereby defined in accordance with Exhibit A attached hereto and made a part hereof, with the following saving clause:

SECTION 2. That the order herein is not intended to change the gas-oil ratio limitations of any existing proration unit under any existing applicable gas-oil ratio order; nor is the order herein intended to change the proration plan or system of any existing proration unit under any existing proration order.

SECTION 3. That within the discretion of the Commission by appropriate action in its executive session, upon recommendation of the New Mexico Nomenclature Committee, the Commission may add extensions to the pools herein defined, or designate new pools laterally or vertically. Provided, there shall be no contraction of any pool herein defined or of any extension thereof or of new pools that may be designated as provided herein, without hearing and by appropriate order as provided by law.

SECTION 4. That the order herein supersedes any order with which it is in conflict.

SECTION 5. That this order shall be effective as of January 1, 1946.

SECTION 6. That each pool shall be produced as a single common reservoir and wells shall be completed, cased, maintained and operated to that end.

SECTION 7. That jurisdiction of this case is hereby retained for a further order regarding that portion of the petitioner's application asking that the Commission: "Delete from Empire pool the S½ sec. 19, T. 17 S., R. 28 E., and add to Red Lake pool the S½ sec. 19, T. 17 S., R. 28 E".

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

OIL CONSERVATION COMMISSION

John J. Dempsey

JOHN J. DEMPSEY, CHAIRMAN

John E. Miles

JOHN E. MILES, MEMBER

E. S. Spurrier

E. S. SPURRIER, SECRETARY.

SEAL

DEFINITIONS OF OIL AND GAS POOLS
CHAVES, EDDY, AND LEA COUNTIES, NEW MEXICO

Recommended by the New Mexico Nomenclature Committee

Revised as of January 1, 1946

POOL	PROD. FORM.	COUNTY		DESCRIPTION
Anderson	G	Eddy	T. 17 S., R. 29 E.	S½ sec. 1, S½ sec. 2, SE¼ sec. 3, all secs. 11, 12, N½ sec. 13, N½ sec. 14
			T. 17 S., R. 30 E.	SW¼ sec. 6, N½ sec. 7
Arrowhead	G	Lea	T. 21 S., R. 36 E.	All secs. 24, 25, 26, E½ sec. 34, all secs. 35, 36
			T. 22 S., R. 36 E.	All secs. 1, 2, E½ sec. 3, all secs. 11, 12, 13, 14, 24
			T. 22 S., R. 37 E.	W½ sec. 6, W½, SE¼ sec. 7, all secs. 18, 19
Artesia	G	Eddy	T. 17 S., R. 28 E.	S½ sec. 32, S½ sec. 33, S½ sec. 34, SW¼ sec. 35
			T. 18 S., R. 27 E.	SE¼ sec. 1, SE¼ sec. 11, all secs. 12, 13, E½ sec. 14, NE¼ sec. 23, E½, NW¼ sec. 24, E½ sec. 25, E½ sec. 36.
			T. 18 S., R. 28 E.	W½ sec. 2, all secs. 3, 4, 5, E½, SW¼ sec. 6, all secs. 7, 8, 9, 10, W½ sec. 11, all secs. 15 to 22, incl. and 27 to 34, incl.
			T. 19 S., R. 28 E.	All secs. 3, 4, 5, N½ sec. 6, NE¼ sec. 9, all sec. 10
Atoka	SA	Eddy	T. 18 S., R. 26 E.	E½ sec. 15
Barber	Y	Eddy	T. 20 S., R. 30 E.	S½ sec. 17, all sec. 20
Benson	Y	Eddy	T. 19 S., R. 30 E.	All sec. 16
Black River (abandoned)	D	Eddy	T. 24 S., R. 26 E.	NW¼ sec. 13, NE¼ sec. 14
Blinebry	B	Lea	T. 22 S., R. 38 E.	W½ sec. 18, all sec. 19
Brunson	B	Lea	T. 22 S., R. 37 E.	All sec. 9
Burton	Y	Eddy	T. 20 S., R. 29 E.	N½ sec. 8

POOL	PROD. FORM.	COUNTY	DESCRIPTION
Caprock	Q	Chaves & Lea	T. 12 S., R. 31 E. E½ sec. 36 T. 12 S., R. 32 E. S½ sec. 30, all sec. 31 T. 13 S., R. 31 E. All sec. 1, all sec. 11, N½ sec. 12 T. 13 S., R. 32 E. All sec. 6, N½ sec. 7
Cass	PE	Lea	T. 20 S., R. 37 E. All sec. 23
Cave (abandoned)	G	Eddy	T. 17 S., R. 29 E. SE¼ sec. 8, SW¼ sec. 9, NW¼ sec. 16, NE¼ sec. 17
Comanche	SA	Chaves	T. 11 S., R. 26 E. N½ sec. 15
Cooper-Jal	Y-SR	Lea	T. 23 S., R. 36 E. All secs. 4, 5, 8, 9, 15, 16, 17, 20, 21, 22, 27, 28, 33, 34 T. 24 S., R. 36 E. W½ sec. 2, all secs. 3 & 4, N½ sec. 9, all sec. 10, W½ sec. 11, SW¼ sec. 13, all secs. 14, 15, 22, 23, W½ sec. 24, W½ sec. 25, all secs. 26, 27, 34, 35, W½ sec. 36 T. 25 S., R. 36 E. All secs. 1, 2, 3, 11, 12, 13, 14, 23, 24, 25, 26, 36 T. 25 S., R. 37 E. SW¼ sec. 6, W½ sec. 7, W½ sec. 18, W½ sec. 19, W½ sec. 30, all sec. 31, SW¼ sec. 32
Corbin	Q	Lea	T. 18 S., R. 33 E. E½ sec. 9, W½ sec. 10
Culwin	Q	Eddy	T. 19 S., R. 31 E. N½ sec. 6
Daugherty	SA	Eddy	T. 17 S., R. 27 E. All sec. 3
Dayton	G	Eddy	T. 18 S., R. 26 E. S½ sec. 23, S½ sec. 24, all secs. 25, 26, N½ sec. 35
Dayton, East	G	Eddy	T. 18 S., R. 27 E. NW¼ sec. 29
Drinkard	DR	Lea	T. 22 S., R. 37 E. W½ sec. 14, E½ sec. 15, all secs. 23, 24, 25, 26 T. 22 S., R. 38 E. All sec. 19, W½ sec. 20 All secs. 29, 30, 31, 32 T. 23 S., R. 38 E. N½ sec. 5, all sec. 6
Dublin	E	Lea	T. 26 S., R. 37 E. All secs. 11, 12, 13, 14
Eaves	Y-SR	Lea	T. 26 S., R. 36 E. All secs. 12, 13, 24, 25 T. 26 S., R. 37 E. W½ sec. 7, all secs. 18, 19, SW¼ sec. 20, W½ sec. 29, all secs. 30, 31, W½ sec. 32

POOL	PROD. FORM	COUNTY	DESCRIPTION
Eighty-Four Draw	G	Lea	T. 21 S., R. 38 E. All sec. 8
Empire	Y-G-SA	Eddy	T. 17 S., R. 27 E. S½ sec. 13, all secs. 24, 25, E½ sec. 26, S½ sec. 33, all secs. 34, 35, 36 T. 17 S., R. 28 E. S½ sec. 18, all sec. 19, W½ sec. 30 T. 18 S., R. 27 E. N½, SW¼ sec. 2, all secs. 3, 4, 5, E½ sec. 6, E½ sec. 7, all sec. 8 NE¼, W½ sec. 9
Eunice-Monument	Q-G-SA	Lea	T. 19 S., R. 36 E. E½ sec. 12, all secs. 13, 23, 24, 25, 26, 27, 34, 35, 36 T. 19 S., R. 37 E. All secs. 7, 8, W½ sec. 9, W½ sec. 16 All secs. 17, 18, 19, 20, 21 T. 20 S., R. 36 E. S½ sec. 27, all secs. 28 to 34 incl. All secs. 1, 2, 3, 10, 11, 12, 13, 14 E½ sec. 15, all secs. 23, 24, 25, 26, 35, 36 T. 20 S., R. 37 E. All secs. 3 to 10 incl. & 15 to 21, incl., W½ sec. 22, all secs. 29, 30, 31, 32, 33 T. 21 S., R. 35 E. All secs. 1, 12, 13, 24, E½ sec. 25. T. 21 S., R. 36 E. SW¼ sec. 1, all secs. 2 to 11, incl W½ sec. 12, W½ sec. 13, all secs. 14 to 22, incl., NW¼ sec. 23, W½ sec. 27, all secs. 28, 29, 30, NE¼ sec. 31, all secs. 32, 33, W½ sec. 34.
Eunice, South	SR	Lea	T. 21 S., R. 35 E. E½ sec. 36 T. 21 S., R. 36 E. NW¼, S½ sec. 31 T. 22 S., R. 35 E. E½ sec. 1 T. 22 S., R. 36 E. W½ sec. 4, all secs. 5, 6, 7, 8, 9, W½ sec. 15, all secs. 16 to 21, incl., W½ sec. 22, W½ sec. 26 All secs. 27, 28, 29, E½ sec. 30, NW¼ sec. 31, N½ sec. 32, N½ sec. 33, N½ sec. 34, NW¼ sec. 35
Eunice, West	Y	Lea	T. 21 S., R. 34 E. E½ sec. 12, all sec. 13, E½ sec. 14, NE¼ sec. 23, N½ sec. 24. T. 21 S., R. 35 E. S½ sec. 6, all secs. 7, 18
Fenton	D	Eddy	T. 21 S., R. 28 E. All sec. 15
Fren	SR	Eddy	T. 17 S., R. 30 E. All sec. 22 to 27 incl. T. 17 S., R. 31 E. All secs. 19, 20, 21, 22, 29, 30

POOL	PROD. FORM	COUNTY		DESCRIPTION
Getty	Y	Eddy	T. 20 S., R. 29 E.	SW¼ sec. 13, SE¼ sec. 14, E½ sec. 23, W½ sec. 24, NW¼ sec. 25, NE¼ sec. 26
Grayburg-Jackson	SA	Eddy	T. 17 S., R. 29 E.	S½ sec. 13, S½ sec. 14, all secs. 20 to 29, incl., N½ sec. 32, N½ sec. 33, N½ sec. 34, N½ sec. 35.
			T. 17 S., R. 30 E.	S½ sec. 12, all secs. 13, 14, 15, 16, 17, S½ sec. 18, all secs. 19, 20, 21, N½ sec. 22, N½ sec. 23, N½ sec. 24, N½ sec. 29, all sec. 30.
			T. 17 S., R. 31 E.	S½ sec. 7, S½ sec 8, S½ sec. 9, S½ sec. 13, all secs. 14 to 18, incl., N½ sec. 19, N½ sec. 20, all secs. 21, 22, 23, N½ sec. 26, N½ sec. 27, N½ sec. 28.
Hale (gas only)	T	Eddy	T. 20 S., R. 30 E.	SW¼ sec. 12, NW¼ sec. 13
Halfway	Y	Lea	T. 20 S., R. 32 E.	S½ sec. 9, all sec. 16
Hardy	G	Lea	T. 20 S., R. 37 E.	All sec. 36
			T. 20 S., R. 38 E.	All sec. 31
			T. 21 S., R. 36 E.	Lots 1, 2, 7, 8, 9, 10, 15, 16, sec. 1
			T. 21 S., R. 37 E.	All secs. 5, 6
Harrison	P	Lea	T. 23 S., R. 37 E.	SW¼ sec. 16, NW¼ sec. 21
Henshaw	SA	Eddy	T. 16 S., R. 30 E.	All sec. 13
High Lonesome	Q	Eddy	T. 16 S., R. 29 E.	SW¼ sec. 16, S½ sec. 17, N½ sec. 20, NW¼ sec. 21
High Lonesome, South	G	Eddy	T. 16 S., R. 29 E.	S½ sec. 31, S½, NE¼ sec. 32, all sec. 33
			T. 17 S., R. 28 E.	NE¼ sec. 1
			T. 17 S., R. 29 E.	N½ sec. 4, N½ sec. 5, N½ sec. 6
Hobbs	SA	Lea	T. 18 S., R. 37 E.	All secs. 13, 14, 23, 24, 25, 36
			T. 18 S., R. 38 E.	All secs. 17 to 22, incl. and 27 to 34 incl.
			T. 19 S., R. 38 E.	All secs. 3, 4, 5, 6, 8, 9, 10, 15, 16
Jal	(See Cooper-Jal)			
Jones	DR.	Lea	T. 22 S., R. 37 E.	SE¼ sec. 1, NE¼ sec. 12
			T. 22 S., R. 38 E.	SW¼ sec. 6, NW¼ sec. 7

POOL	PROD. FORM.	COUNTY	DESCRIPTION	
Langlie-Mattix	SR-Q	Lea	T. 23 S., R. 36 E.	All sec. 25, E½ sec. 26, E½ sec. 35, all sec. 36
			T. 23 S., R. 37 E.	S½ sec. 28, all secs. 29 to 34, incl.
			T. 24 S., R. 36 E.	All sec. 1, all sec. 12, NE¼ sec. 13
			T. 24 S., R. 37 E.	All secs. 2 to 11, incl., 14, 15, 16, 17, 18, E½ sec. 19, all secs. 20, 21, 22, 23, 26, 27, 28, 29, E½ sec. 30, E½ sec. 31, all secs. 32, 33, 34, 35.
			T. 25 S., R. 37 E.	All secs. 2, 3, 4, 5, NE¼ sec. 6, all secs. 8, 9, 10, 11, W½ sec. 13, all secs. 14, 15, 16, 17, E½ sec. 19, all secs. 20, 21, 22, 23, W½ sec. 24, W½ sec. 25, all secs. 26, 27, 28, 29, NE¼ sec. 32, N½ sec. 33, N½ sec. 34, all sec. 35, W½ sec. 36
			T. 26 S., R. 37 E.	NW¼ sec. 1, NE¼ sec. 2
Lea	Y	Lea	T. 20 S., R. 34 E.	W½ sec. 14
Leo	G	Eddy	T. 18 S., R. 30 E.	S½ sec. 14, S½ sec. 15, S½ sec. 16, N½ sec. 21, all secs. 22, 23
Loco Hills	G	Eddy	T. 17 S., R. 29 E.	S½ sec. 31, S½ sec. 32, S½ sec. 33, S½ sec. 34, S½ sec. 35, all sec. 36
			T. 17 S., R. 30 E.	S½ sec. 29, all secs. 31 & 32
			T. 18 S., R. 29 E.	All secs. 1 to 18, incl.
			T. 18 S., R. 30 E.	All secs. 5, 6, 7, 18
Lovington	SA	Lea	T. 16 S., R. 36 E.	S½ sec. 25, S½ sec. 26, all secs. 35 & 36
			T. 16 S., R. 37 E.	S½ sec. 30, all sec. 31
			T. 17 S., R. 36 E.	All secs. 1 & 2, N½ sec. 11, N½ sec. 12
			T. 17 S., R. 37 E.	All sec. 6, N½ sec. 7
Lovington, West	SA	Lea	T. 16 S., R. 36 E.	S½ sec. 32, SW¼ sec. 33
			T. 17 S., R. 36 E.	W½ sec. 3, all secs. 4 and 5, E½, SW¼ sec. 6, N½ sec. 7, N½ sec. 8, N½ sec. 9
Lusk, East	Y	Lea	T. 19 S., R. 32 E.	S½ sec. 21, N½ sec. 28
Lusk	Y	Eddy & Lea	T. 19 S., R. 31 E.	All sec. 24
			T. 19 S., R. 32 E.	W½ sec. 19
Lusk, West	Y	Eddy	T. 19 S., R. 31 E.	SE¼ sec. 15, NE¼ sec. 22
Lynch	Y	Lea	T. 20 S., R. 34 E.	S½ sec. 27, all sec. 34, SW¼ sec. 35
			T. 21 S., R. 33 E.	W½ sec. 1, all sec. 2
Lynch, North	Y	Lea	T. 20 S., R. 34 E.	E½ sec. 18

POOL	Prod. FORM.	COUNTY		DESCRIPTION
Maljamar	G-SA	Eddy & Lea	T. 17 S., R. 31 E.	S½ sec. 13, all secs. 24, 25
			T. 17 S., R. 32 E.	SE¼ sec. 8, S½ sec. 9, S½ sec. 14, all secs. 15 to 36, incl.
			T. 17 S., R. 33 E.	All sec. 19, S½ sec. 20, SW¼ sec. 21, W½ sec. 28, all secs. 29, 30, N½ sec. 31, N½ sec. 32
			T. 18 S., R. 32 E.	All secs. 4, 5
Maljamar, North	G	Lea	T. 17 S., R. 32 E.	SW¼ sec. 5, SE¼ sec. 6, NE¼ sec. 7, NW¼ sec. 8
Maljamar, South	G-SA	Lea	T. 18 S., R. 32 E.	SW¼ sec. 14, S½ sec. 15, all sec. 22, W½ sec. 23
Mattix (See Langlie-Mattix)				
McMillan	SA	Eddy	T. 19 S., R. 27 E.	E½ sec. 31
Monument (See Eunice-Monument)				
Paddock	P	Lea	T. 22 S., R. 37 E.	All secs. 1, 12, 13
Palmillo (abandoned)	G	Eddy	T. 18 S., R. 29 E.	S½ sec. 30
PCA	Y	Eddy	T. 20 S., R. 30 E.	S½ sec. 10, all sec. 15
Pearsall	Q	Lea	T. 17 S., R. 32 E.	All secs. 26, 32, 33, 34, 35
			T. 18 S., R. 32 E.	All secs. 4, 5
Penrose-Skelly	Q-G	Lea	T. 21 S., R. 36 E.	E½ sec. 13
			T. 21 S., R. 37 E.	S½ sec. 7, S½ sec. 8, S½ sec. 16, all secs. 17, 18, E½ sec. 19, all secs. 20, 21, 27, 28, 29, E½ sec. 30, E½ sec. 31, all secs. 32, 33, 34, 35
			T. 22 S., R. 37 E.	All secs. 2, 3, 4, 5, E½ sec. 6, NE¼ sec. 7, all secs. 8, 9, 10, 11, 14, 15, 16, E½ sec. 17, E½ sec. 20, all secs. 21, 22, 23, 26, 27, 28, E½ sec. 29, all secs. 32, 33, 34, W½ sec. 35
			T. 23 S., R. 37 E.	W½ sec. 2, all secs. 3, 4, 5, 6, 7, 8, 9, 10, W½ sec. 11, W½ sec. 14, all secs. 15, 16, 17, 18, N½ sec. 19, N½ sec. 20
Premier	G	Eddy	T. 17 S., R. 30 E.	S½ sec. 22, S½ sec. 23, S½ sec. 24, all secs. 25, 26, 27, 28, 33, 34, 35, 36
			T. 17 S., R. 31 E.	S½ sec. 19, S½ sec. 20, all secs. 29, 30, N½ sec. 31

POOL	PROD. FORM.	COUNTY	DESCRIPTION	
Red Lake	G	Eddy	T. 17 S., R. 28 E.	SW¼ sec. 2, S½ sec. 3, all secs. 4, 5, 8, 9, 10, W½ sec. 11, W½ sec. 14, all secs. 15, 16, 17, 20 to 26, incl., N½ sec. 27, N½ sec. 28, N½ sec. 29, NW¼ sec. 30
Rhodes	Y	Lea	T. 26 S., R. 37 E.	All secs. 4, 5, 6, E½ sec. 7, all secs. 8, 9, S½ sec. 10, all secs. 15, 16, 17, N½, SE¼ sec. 20, all secs. 21, 22, S½ sec. 23, all secs. 26, 27, 28, 34, 35
Roberts	G	Lea	T. 17 S., R. 33 E.	S½ sec. 6, N½ sec. 7
Roberts, West	G	Lea	T. 17 S., R. 32 E.	S½ sec. 2
Robinson	G-SA	Eddy & Lea	T. 16 S., R. 31 E. T. 16 S., R. 32 E.	S½ sec. 25, E½SE¼ sec. 34, all sec. 35, N½, SW¼ sec. 36 SW¼ sec. 30, NW¼ sec. 31
Russell	Y	Eddy	T. 20 S., R. 28 E.	S½ sec. 12, all secs. 13, 14, 23, W½ sec. 24
Salt Lake	Y	Lea	T. 20 S., R. 33 E.	All secs. 7, 18
San Simon	Y	Lea	T. 21 S., R. 35 E. T. 22 S., R. 35 E.	SE¼ sec. 32, SW¼ sec. 33 NW¼ sec. 4, NE¼ sec. 5
Scanlon (gas only)	T	Eddy	T. 20 S., R. 29 E.	SW¼ sec. 29, SE¼ sec. 30
Shugart	Y-Q	Eddy	T. 18 S., R. 31 E. T. 19 S., R. 31 E.	S½ sec. 34, SW¼ sec. 35 NW¼ sec. 2, N½ sec. 3
Shugart, North	Q	Eddy	T. 18 S., R. 31 E.	S½ sec. 8, S½ sec. 9, S½ sec. 10, S½, NE¼ sec. 11, W½ sec. 12, NW¼ sec. 13, N½ sec. 14, all secs. 15, 16, 17, 18, 20, 21, N½ sec. 22, N½ sec. 28, N½ sec. 29.
Skaggs	SA	Lea	T. 20 S., R. 37 E. T. 20 S., R. 38 E.	All secs. 24, N½ sec. 25 All sec. 19, N½ sec. 30
Skelly	(See Penrose-Skelly)			

POOL	PROD. FORM.	COUNTY		DESCRIPTION
Square Lake	G-SA	Eddy	T. 16 S., R. 30 E.	S½ sec. 24, all secs. 25, 26, 27, S½ sec. 28, E½ sec. 32, all secs. 33, 34, 35, 36
			T. 16 S., R. 31 E.	S½ sec. 19, S½ sec. 20, S½ sec. 21, SW¼ sec. 27, all secs. 28 to 33, incl., W½ sec. 34
			T. 17 S., R. 30 E.	All secs. 1, 2, 3, 4, E½ sec. 5, N½N½ sec. 11
			T. 17 S., R. 31 E.	N½ sec. 6
Tonto	SR	Lea	T. 19 S., R. 33 E.	E½ sec. 22, W½ sec. 23
Turkey Track	Q	Eddy	T. 18 S., R. 29 E.	S½ sec. 34, SW¼ sec. 35
			T. 19 S., R. 29 E.	W½ sec. 2, all sec. 3, N½ sec. 10, NW¼ sec. 11
Young	Q	Lea	T. 18 S., R. 32 E.	N½ sec. 20
Vacuum	G-SA	Lea	T. 17 S., R. 34 E.	All secs. 3 to 17, incl., 20 to 29, incl., and 32 to 36 incl.
			T. 17 S., R. 35 E.	All sec. 7, all secs. 18 to 36 incl.
			T. 18 S., R. 34 E.	All secs. 1, 2, 3, 4, 11, 12
			T. 18 S., R. 35 E.	All secs. 3, 4, 5, 6, 7

INDEX TO PRINCIPAL PRODUCING FORMATIONS:-

TANSILL	T
YATES	Y
SEVEN RIVERS	SR
QUEEN	Q
GRAYBURG	G
SAN ANDRES	SA
PADDOCK	P
BLINEBRY	B
DRINKARD	DR.
DELAWARE	D
PENNSYLVANIAN	PE.
ELLENBURGER	E

"Exhibit A" Case 70

Outline of Procedure for
the Field Nomenclature Committee
(Revised as of Nov. 1, 1945).

[illegible] discovery of oil and gas in formations of Pennsylvanian and [illegible] structural conditions or areas of accumulations of which [illegible] structures and accumulations controlling Permian production, [illegible] development of production from Permian formations which includes [illegible] accumulations extending into more than one defined field, has necessitated [illegible] of the terminology of fields and pools of southeastern New Mexico [illegible] Order No. [illegible] of the New Mexico Oil Conservation Commission and in [illegible] of Procedure for the New Mexico Field Nomenclature Com-

[illegible] as far as possible all oil and gas from a [illegible] should be produced, measured, and recorded separately, [illegible] definitions heretofore recommended by the Field Nomenclature Committee and approved by the Oil Conservation Commission some developed and [illegible] extend into more than one field and the records of [illegible] and production are divided by fields.

[illegible] simplify records and production it is now recommended [illegible] "FIELD" definitions approved under Order No. [illegible] and [illegible] be resolved as to land ownerships and [illegible] considered hereafter as definitions of "pools."

[illegible] Outline of Procedure for the New Mexico [illegible], hereinafter known as the New Mexico Field Nomenclature [illegible] revised as of December 1, 1945.

11/26/45

[illegible] Committee is a group of [illegible]

[illegible] to [illegible] and to the New Mexico Oil

[illegible] and boundaries of oil and gas pools, and [illegible]

[illegible], in Southeastern New Mexico. Order No. 598, Case No. 58

[illegible] Oil Conservation Commission January 29, 1945

[illegible] Committee to designate pools, new pools,

[illegible] horizontally or vertically, in Lea, Eddy and Chaves Counties.

[illegible] boundaries are selected to embrace the productive limits of

[illegible] structures and reservoir units called pools. It is provided under

[illegible] Order No. 598 that new pools and pool extensions may be made

[illegible] Commission in executive session on recommendation

[illegible] Committee. Field definitions approved under

[illegible] 1, 2 and 3 thereof, are to be referred to as

[illegible] changes hereafter recommended.

[illegible]

[illegible] was composed of a few representatives of

[illegible] were appointed by the Chairman of the Engineering

[illegible] Operators' Committee. When consideration was

[illegible] revision of all oil and gas fields and pools

[illegible] on the basis of geologic structure and

[illegible] representation should be obtained

[illegible] of all interests in the entire area. The

[illegible] by vote of the existing appointed members to in-

[illegible] and additional representation from

[illegible] Nomenclature Committee shall be composed [illegible] familiar with oil and gas operations in Chaves, [illegible]. A Chairman and Vice-Chairman shall be elected by the [illegible] of the year beginning the first day of each calendar year, [illegible] of the Engineering Committee of the Lea County Operators' Committee [illegible] Secretary for the Nomenclature Committee and shall [illegible] a complete file of all actions ta- [illegible] recommendations made by the Nomenclature Committee. Vacancies in the [illegible] shall be filled by majority vote of the remainder of the Committee.

[illegible] following is an outline of a set of working principles which [illegible] by the Nomenclature Committee in recommending names and boundar- [illegible] pools.

A. Pool Names

1. A suitable name will be sought from the reconnaissance and elevation map by W. B. Lang.
2. Or, the name of the fee owner of the land on which the [illegible] will be used.
3. Or, [illegible] of a suitable name from the above [illegible] will be selected at random.
4. [illegible] which any oil or gas is marketed shall be named [illegible]

B. Pool Boundaries

1. [illegible] of the committee shall be to define pool boundaries [illegible] only the productive area present in any recognized [illegible] or group of such formations or zones

[illegible] a common accumulation of crude petroleum oil or natural gas, or both, which should be drilled, cased and [illegible] single common reservoir.

[illegible] definite boundary separating two pools as in the case of a [illegible] in the physical character of the producing formation between pools, the committee shall place the area [illegible] in that pool which is indicated to be more closely related or which has similar reservoir characteristics.

The areal extent of each pool shall in general be limited to not more than one mile beyond developed limits of production. Generally, undeveloped acreage between pools will be left undefined to permit adjustment of pools boundaries as future development warrants.

[illegible] recommendations shall be made to the New Mexico Oil Conservation Commission that production from each designated pool be measured, reported and recorded separately from other production.

[illegible] General

[illegible] will be [illegible] by the Nomenclature Committee for [illegible] of new pools or pools extensions as new pro[illegible] developed outside the boundaries of defined pools. [illegible] will be made as soon as practicable after con[illegible] Actions of the committee shall be based [illegible] votes of the total membership. The New Mexico Oil Conservation Commission at Santa Fe shall be informed by the [illegible] as soon as concurrence of the majority [illegible] is obtained on each action.

[illegible] as of December 1, 1946.

[illegible], Artesia, New Mexico.

	State [illegible] Land and Mineral Resources, Roswell, New Mexico.
[illegible], T. B.	Shell Oil Co., Box 1457, Hobbs, New Mexico.
[illegible] (Chairman)	Gulf Oil Corp., Box 1667, Hobbs, New Mexico.
[illegible]	Skelly Oil and Gas Co., Box F, Hobbs, New Mexico.
[illegible]	Atlantic Refining Co., Box 808, Carlsbad, New Mexico.
[illegible]	Continental Oil Co., Box CC, Hobbs, New Mexico.
[illegible] (Secretary)	U. S. Geological Survey, Box 977, Roswell, New Mexico.
Scott, [illegible]	Buffalo Oil Co., Box 265, Artesia, New Mexico.
Stokes, Sloan (Secretary)	Lea County Operators' Committee, Drawer I, Hobbs, New Mexico.
[illegible] (Ex-officio)	Oil Conservation Commission, Box 871, Santa Fe, New Mexico.

"Exhibit B"- Case 70

Supplemental Statement by New Mexico Nomenclature Committee
in support of its recommendations for change of Order No. 588.

The purpose of the recommended change in Order No. 588 is to designate all so-called "fields" defined in said order and in all supplements issued thereunder as "pools." The land descriptions of the previously defined fields are to be retained and are hereafter to be referred to as defined pools, except for specific changes to be recommended. The oil and gas accumulations and reservoirs at different depths and from separable geologic formations are so overlapping that the further use of field definitions would be misleading and cause confusion in the records.

It is intended that all presently developed and future developed oil and gas production be classified by pools. The particular geologic formation or formations from which each pool produces will be appropriately noted in the records. Separation of production by geologic formations in existing pools based on definitions under Order No. 588 and Supplements Nos. 1, 2 and 3 thereof will be made only at the request of the Commission or on application of the operators to the Commission, in either case the Committee is to be furnished with adequate evidence to support the request.

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

COPY

December 3, 1945

Mr. Glenn Staley, Secretary
New Mexico Nomenclature Committee
Hobbs, New Mexico

Dear Glenn:

Please be advised that "Supplemental To The Petition", dated November 17, 1945, is entirely acceptable to the Commission as such.

Very truly yours,

RRS:MS
cc Foster Morrell

Case 10 -

New Mexico Oil Conservation Commission
Santa Fe, New Mexico

November 17, 1945

SUPPLEMENTAL TO THE PETITION

The New Mexico Field Nomenclature Committee, pursuant to Section 3 of Order No. 588, Case No. 58, approved by the Oil Conservation Commission January 29, 1945, effective March 1, 1945, hereby recommends to the Commission that Order No. 588 and Supplements Nos. 1, 2 and 3 thereof be appropriately revised and amended to delete all references to "fields" and that the "fields" as defined and extended therein hereafter be referred to as "pools". The Nomenclature Committee hereby petitions the Commission for a hearing to receive evidence regarding such changes.

The purpose of the change is to delete the word "field" from field definitions heretofore approved and to substitute therefor the word "pool". The land descriptions of the previously defined fields are to be retained and are hereafter to be referred to as defined pools, except for changes to be recommended. Information and evidence will be presented to the Commission at the hearing to show recent developments in Southeastern New Mexico have indicated that oil and gas accumulations and reservoirs at different depths and from separable geologic formations are so overlapping that the further use of field definitions would be misleading and cause confusion in the records. It is intended that all presently developed and future developed oil and gas production be classified by pools. The particular geologic formation or formations from which each pool produces will be appropriately noted in the records. Separation of production by geologic formations in existing pools based on definitions under Order No. 588 and Supplements Nos. 1, 2 and 3 thereof will be made only at the request of the Commission or on application of the operators to the Commission, in either case the Committee is to be furnished with adequate evidence to support the request.

Respectfully submitted,
Glenn Staley
Glenn Staley, Secretary
New Mexico Field Nomenclature Committee

SOUTHERN UNION GAS COMPANY
BOX 1654
SANTA FE, NEW MEXICO

Case 70

J. R. COLE
VICE PRESIDENT

December 1, 1945

Mr. Carl Livingston
c/o Oil Conservation Commission
Santa Fe, New Mexico

Dear Carl:

I appreciate, very much, your furnishing me with notice of the hearing to be held at Santa Fe, at 10 A.M., December 8th, 1945, and also wish to thank you for the map given me.

Yours very truly

JRC-jh

J. R. Cole

P. O. Box 997
Roswell, New Mexico
November 26, 1945

Mr. Carl B. Livingston
Chief Clerk and Legal Adviser
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Re: Case 70 - New Mexico Nomenclature Committee - revision of field definitions order No. 588.

Dear Mr. Livingston:

This is to acknowledge receipt of your letter of November 21 advising that the Commission has set the above captioned case, with others, to be heard December 8 at 10:00 a.m., at Santa Fe.

Very truly yours,

Foster Morrell

FOSTER MORRELL, Chairman
New Mexico Field Nomenclature Committee

cc: Mr. Glenn Staley
Drawer I
Hobbs, New Mexico

LEA COUNTY OPERATORS COMMITTEE
DRAWER I
HOBBS, NEW MEXICO

November 24, 1945

Case 70

Carl B. Livingston
Santa Fe, New Mexico

Dear Mr. Livingston:-

In checking with the News Sun, the first notice was published in the November 23rd issue.

Yours very truly,

Glenn Staley

Glenn Staley

GS/gi

'L CONSERVATION COMMISSIO
SANTA FE, NEW MEXICO

COPY

November 21, 1945

Hobbs News-Sun
Hobbs, New Mexico

Re: Notice for publication
Cases 70 and 71

Gentlemen:

Please publish the enclosed notice once, immediately. Please proof read the notice carefully and send a copy of the paper carrying such notice.

UPON COMPLETION OF THE PUBLICATION, PLEASE SEND PUBLISHER'S AFFIDAVIT.

For payment please submit statement in duplicate accompanied by voucher executed in duplicate. The necessary blanks are enclosed.

Very truly yours,

Chief Clerk & Legal Adviser

CBL:MS

IL CONSERVATION COMMISSIO
SANTA FE, NEW MEXICO

COPY

November 21, 1945

Mr. Foster Morrell, Chairman
New Mexico Nomenclature Committee
Box 997
Roswell, New Mexico

Re: Case 70 - New Mexico Nomenclature Committee - revision of field definitions order No. 588.

Dear Foster:

The Commission has set the above captioned case, with others, to be heard December 8 at 10 A.M., at Santa Fe.

Please indicate that you have received this notice.

Kindest personal regards.

Very truly yours,

Chief Clerk & Legal Adviser

CBL:MS
cc Glenn Staley

NOTICE FOR PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

The Oil Conservation Commission as provided by law hereby gives notice of the following hearing to be held at Santa Fe, New Mexico, at 10 A.M., December 8, 1945:

CASE 70

In the matter of the application of the New Mexico Nomenclature Committee for an order revising Order 588 defining fields in these respects: To designate all so-called "fields" defined in said order and in all supplements issued thereunder as "pools". Delete from definition of Grayburg-Jackson pool all of secs. 13, 24 and 25, T. 17 S., R. 31 E., and add to definition of Maljamar pool the S½ sec. 13, all of secs. 24 and 25, T. 17 S., R. 31 E. (Delete from Empire pool the SE¼ sec. 19, T. 17 S., R. 28 E., and add to Red Lake pool the SE¼ sec. 19, and NE¼ sec. 30, T. 17 S., R. 28 E.) Delete from definition of Skaggs pool all of sec. 23, T. 20 S., R. 37 E, and make the following pool definition: All sec. 23, T. 20 S., R. 37 E., to be known as the Penoco pool, to include oil and gas production from the Pennsylvanian formation found in the Skaggs B-23 well No. 2, SW¼ NW¼ sec. 23 at depths of 7700 to 7725 feet through casing perforations. Delete the word "Yeso" from the name Drinkard-Yeso Pool. Delete the word "Ellenburger" from the name Dublin-Ellenburger pool. Appropriate provision and procedure wherein the Oil Conservation Commission may in its discretion adopt in executive session changes of pool boundaires and designation of new pools upon the recommendation of the New Mexico Nomenclature Committee.

CASE 71

In the matter of the application of Gulf Oil Corporation for an order fixing an appropriate limiting gas-oil ratio for the Drinkard-Yeso Pool and any extensions thereof.

Given under the seal of said Commission at Santa Fe, New Mexico, on November 21, 1945.

OIL CONSERVATION COMMISSION

BY: (SGD) R. R. SPURRIER,
SECRETARY

SEAL

November 17, 1945

Oil Conservation Commission
Santa Fe, New Mexico

P E T I T I O N

The New Mexico Nomenclature Committee, pursuant to Section 3 of Order No. 588, Case No. 58, approved by the Oil Conservation Commission January 29, 1945, effective March 1, 1945, hereby recommends to the Commission the following revisions of pool definitions and new pool definitions, and petitions the Commission for a hearing to receive evidence for such changes and additions:

Recommended revisions of pool definitions:

1. Delete from definition of Grayburg-Jackson pool all of secs. 13, 24 and 25, T. 17 S., R. 31 E. and

2. Add to definition of Maljamar pool the S½ sec. 13, all of secs. 24 and 25, T. 17 S., R. 31 E.

3. Delete from definition of Skaggs pool all of sec. 23, T. 20 S., R. 37 E.

4. Delete from Empire pool the SE¼ sec. 19, T. 17 S., R. 28 E. and

5. Add to Red Lake pool the SE¼ sec. 19, and NE¼ sec. 30, T. 17 S., R. 28 E.

6. "Delete the word "Yeso" from the name Drinkard-Yeso Pool.

7. Delete the word "Ellenburger" from the name Dublin-Ellenburger pool."

8. Add to Paddock pool the N½ sec. 1, S½ sec. 12, all of sec. 13, T. 22 S., R. 37 E.

9. Add to Drinkard pool all of secs. 23, 26, W½ sec. 24, W½ sec. 25, T. 22 S., R. 37 E., NE¼ sec. 29, all sec. 31, S½ sec. 32, T. 22 S., R. 38 E., N½ sec. 5, all sec. 6, T. 23 S., R. 38 E.

10. Add to Caprock pool all of sec. 1, T. 13 S., R. 31 E.

11. Add to Artesia pool the NE¼ sec. 23, T. 18 S., R. 27 E.

Recommended new pool definitions:

1. All sec. 9, T. 22 S., R. 37 E., to be known as the Brunson pool, to include oil and gas production from the Ellenburger formation of Ordovician age found in the Penrose well No. 1, SE¼ NW¼ sec. 9, at depths of 8059 to 8089 through casing perforations.

2. "All sec. 23, T. 20 S., R. 37 E., to be known as the Penoco pool, to include oil and gas production from the Pennsylvanian formation

found in the Skaggs B-23 well No. 2, SW¼ NW¼ sec. 23 at depths of 7700 to 7725 feet through casing perforations. This pool was defined and designated under Supplement No. 2 to Order No. 588, approved May 14, 1945, as Skaggs-Deep pool pending determination of the geological formation from which production was obtained. Bulletin 23 of the New Mexico Bureau of Mines and Mineral Resources, issued in October 1945, classifies the production as from the Pennsylvanian formation and official recognition as such is now warranted.

Respectfully submitted,

Glenn Staley, by F. Morrell

Glenn Staley, Secretary,
New Mexico Nomenclature Committee.

November 19, 1945.

Oil Conservation Commission,
Santa Fe, New Mexico

P E T I T I O N

The New Mexico Nomenclature Committee hereby wishes to supplement its petition of November 17, 1945 recommending to the Commission revisions of pool definitions and new pool definitions and petitioning the commission for a hearing to receive evidence thereon by adding the following new pool definitions:

Recommended additional new pool definitions:

3. All sections 22, 23, 24, 25, 26, 27, T. 17 S., R. 30 E.; all sections 19, 20, 21, 22, 29 and 30, T. 17 S., R. 31 E., to be known as the Fren pool, to include oil and gas production from the Seven Rivers formation of Permian age found in the Friess well No. 1, SW¼SE¼ sec. 19, T. 17 S., R. 31 E. at depths of 1920 to 1980 feet.

4. All sections 26, 32, 33, 34, 35, T. 17 S., R. 32 E.; all sections 4 and 5, T. 18 S., R. 32 E. to be known as the Pearsall pool, to include production from the Queen formation of Permian age found in the Walker well No. 1, SE¼NE¼ sec. 5, T. 18 S., R. 32 E. at depths of 3673 to 3694 feet. Production generally is ~~found~~ obtained from the "Red Sand" of the Queen formation and is found within this pool at depths ranging from 3300 to 3700 feet, the variations being due to steep dips on the south flank of the major East-West structure through the Maljamar pool.

Respectfully submitted,

Glenn Staley by T.M.
Glenn Staley, Secretary,
New Mexico Nomenclature Committee.

November 17, 1945.

Oil Conservation Commission
Santa Fe, New Mexico

P E T I T I O N

The New Mexico Nomenclature Committee, pursuant to Section 3 of Order No. 588, Case No. 58, approved by the Oil Conservation Commission January 29, 1945, effective March 1, 1945, hereby recommends to the Commission a change in the Outline of Procedure for the Nomenclature Committee in accordance with the draft of such outline revised as of December 1, 1945, copy attached hereto, and hereby petitions the Commission for a hearing for the purpose of receiving evidence regarding the change.

The purpose of the change is to delete the word "field" from field definitions approved under Order No. 588 and Supplements Nos. 1, 2 and 3 thereof and to substitute therefore the word "pool". The land descriptions of the previously defined fields are to be retained and hereafter referred to as defined pools, except for changes to be recommended.

Respectfully submitted,

Glenn Staley, by Monnell

Glenn Staley, Secretary,
New Mexico Nomenclature Committee.

Outline of Procedure for
New Mexico Nomenclature Committee
(Revised as of Dec. 1, 1945)

INTRODUCTION

The discovery of oil and gas in formations of Pennsylvanian and Ordovician ages, the structural conditions or areas of accumulations of which differ widely from structures and accumulations controlling Permian production, and the development of production from Permian formations covering which includes common accumulations extending into more than one defined field, has necessitated a revision in the ~~use of the~~ terminology of fields and pools of southeastern New Mexico as used in original Order No. 588 of the New Mexico Oil Conservation Commission and in the original Outline of Procedure for the New Mexico Field Nomenclature Committee.

It is recognized that so far as possible all oil and gas from a single common reservoir should be produced, measured, and recorded separately. Under field definitions heretofore recommended by the Field Nomenclature Committee and approved by the Oil Conservation Commission some developed and potential common reservoirs extend into more than one field and the records of production and proration are divided by fields.

To unify and simplify records and proration it is now recommended that the existing "field" definitions approved under Order No. 588 and supplements Nos. 1, 2 and 3 thereof be retained as to land descriptions but that they be considered hereafter as definitions of "pools".

For the above reasons the Outline of Procedure for the New Mexico Nomenclature Committee, heretofor ~~referred to~~ known as the New Mexico Field Nomenclature Committee has been revised as of December 1, 1945.

PURPOSE

The New Mexico Nomenclature Committee is a group of geologists and geological engineers whose duty is to recommend to the New Mexico Oil Conservation Commission names and boundaries of oil and gas pools, and extensions thereof, in Southeastern New Mexico. Order No. 588, Case No. 58 approved by the New Mexico Oil Conservation Commission January 29, 1945 authorizes the New Mexico Nomenclature Committee to designate pools, new pools, or extensions thereof, laterally or vertically, in Lea, Eddy and Chaves Counties. In general the boundaries are selected to embrace the productive limits of geologic structures and reservoir units called pools. It is provided under Section 3 of Order No. 588 that new pools and pool extensions may be made from time to time by the Commission in executive session on recommendation of the New Mexico Nomenclature Committee. Field definitions approved under Order No. 588 and supplements 1, 2 and 3 thereof, are to be referred to as pool definitions, except changes hereafter recommended.

ORGANIZATION

The committee originally was composed of a few representatives of operators in Lea County who were appointed by the Chairman of the Engineering Committee of the Lea County Operators' Committee. When consideration was given during 1944 to a complete revision of all oil and gas fields and pools in 3 Chaves, 2 Eddy and 1 Lea Counties on the basis of geologic structures and reservoir units, it was decided that broader representation should be attained to assure equitable consideration of all interests in the entire area. The Committee was then expanded by vote of the existing appointed members to include two representatives from Eddy County and additional representation from Lea County.

MEMBERSHIP

Hereafter, the New Mexico Nomenclature Committee shall be composed of ten members, individually familiar with oil & gas operations in Chaves, Eddy & Lea, ~~at least three members representing operators in Chaves and Eddy Counties, the other members representing operators in Lea County~~. A Chairman and Vice-Chairman shall be elected by the members for a term of one year beginning the first day of each calendar year. The Chairman of the Engineering Committee of the Lea County Operators' Committee shall be the permanent Secretary for the Nomenclature Committee and shall maintain at all times for public inspection a complete file of all actions taken and recommendations made by the Nomenclature Committee. Vacancies in the Committee shall be filled by majority vote of the remainder of the Committee.

FUNCTIONS

The following is an outline of a set of working principles which will be used by the Nomenclature Committee in recommending names and boundaries designation of pools.

A. Pool Names

1. A suitable name will be sought from the reconnaissance and elevation map by W.B. Lang.
2. Or, the name of the fee owner of the land on which the discovery is made will be used.
3. Or, in the absence of a suitable name from the above sources, a name will be selected at random.
4. All pools from which any oil or gas is marketed shall be named.

B. Pool Boundaries

1. The intent of the committee shall be to define pool boundaries to include only the productive area present in any recognized geologic formation or zone or group of such formations or zones containing a common accumulation of crude petroleum oil or

natural gas, or both, which should be drilled, cased and produced as a single common reservoir.

2. Where there is no definite boundary separating two pools as in the case of a gradation in the physical character of the producing formations between pools, the committee shall place the area in question in that pool which is indicated to be more closely related or which has similar reservoir characteristics.

3. The areal extent of each pool shall in general be limited to not more than one mile beyond developed limits of production. Generally, undeveloped acreage between pools will be left undefined to permit adjustment of pools boundaries as future development warrants.

4. Recommendations shall be made to the New Mexico Oil Conservation Commission that production from each designated pool be measured, reported and recorded separately from other production.

C. General

1. Action will be taken monthly by the Nomenclature Committee for the establishment of new pools or pools extensions as new production is developed outside the boundaries of defined pools. Such adjustments will be made as soon as practicable after completion of production. Actions of the Committee shall be based on a majority vote of the total membership. The New Mexico Oil Conservation Commission at Santa Fe shall be informed by the Secretary of the committee as soon as concurrence of the majority of the Nomenclature Committee is obtained on each action.

Members of New Mexico Nomenclature Committee as of December 1, 1945.

Aston, Chuck (Assistant Secretary)	Ward Building, Artesia, N.M.
Bates, R.L.	State Bureau of Mines & Mineral Resources, Socorro, N.M.
Bollinger, W.R.	Shell Oil Co., Box 1457, Hobbs, N.M.
Boss, R.L. (Vice-Chairman)	Gulf Oil Corp., Box 1667, Hobbs, N.M.
Gray, Ralph	Stanolind O. & G. Co., Box 7, Hobbs, N.M.
Kroepfel, R.M.	Atlantic Ref. Co., Box 808, Carlsbad, N.M.
Lamb, N.R.	Continental Oil Co., Box CC, Hobbs, N.M.
Morrell, Foster (Chairman)	U.S. Geological Survey, Box 997, Roswell, N.M.
Scott, W.E.	Buffalo Oil Co., Box 265, Artesia, N.M.
Staley, Glenn (Secretary)	Lea County Operators' Committee, Drawer I, Hobbs, N.M.
Spurrier, R.R. (Ex-officio member)	Oil Conservation Commission, Box 871, Santa Fe., N.M.

P. O. Box 997
Roswell, New Mexico
December 4, 1945

Mr. R. R. Spurrier, Director,
Oil Conservation Commission,
Box 871,
Santa Fe, New Mexico.

Dear Mr. Spurrier:

12

This is to inform you that at a meeting in Hobbs on November 26, 1945, the New Mexico Nomenclature Committee by a majority vote recommended that the N½N½ sec. 7 and S½ sec. 18, T. 20 S., R. 33 E. be added to the Salt Lake pool.

The addition of the S½ sec. 18 is to include the recent completion of the Bay Petroleum Corporation State well No. 1, center NE¼SW¼ sec. 18, completed about November 2, 1945 at a total depth of 3117 feet for a reported initial production of 86 barrels of fluid, 50 percent of which was oil; top of pay reported at 3078 feet. This oil is from the Yates formation from which other production is obtained in the Salt Lake pool between depths of 2935 and 3110 feet.

The addition of the N½N½ sec. 7 is solely for the purpose of including sufficient acreage to be recorded accurately on small scale maps.

This is a routine pool extension and it is recommended that action be taken thereon at the next executive session of the Oil Conservation Commission.

Very truly yours,

Foster Morrell

FOSTER MORRELL, Chairman,
Field Nomenclature Committee.

cc Mr. Glenn Staley,
Hobbs, New Mexico

Recommended additional new pool definitions:

3. All Sections 22, 23, 24, 25, 26 and 27, Township 17 S, Range 30E; All Sections 19, 20, 21, 22, 29 and 30, T. 17 S., Range 31 E, to be known as the Fren Pool, to include oil and gas production from the Seven Rivers formation of Permian Age found in the Friess Well No. 1, SWSE 19-17S-31E, at depth of 1920 to 1980 feet.

4. All secs. 26, 32, 33, 34, 35, T. 17 S., R. 32 E; all secs. 4 and 5, 18S-32E, to be known as the Pearsall Pool, to include production from the Queen formation of Permian Age found in the Walker Well No. 1, SENE 5-18S-32E, at depth of 3673 to 3694. Production generally is obtained from the "Red Sand" of the Queen formation and is found within this pool at depth ranging from 3300 to 3700 feet, the variations being due to steep depth on the south flank of the major east west structure through the Maljamar pool.

Pkmd by Johnson Stub

Case No.

70

Application, Transcript,
Small Exhibits, Etc.

No. Case 70 NAME M.E. ORDER #1

P. O. Box 997,
Roswell, New Mexico,
January 10, 1946.

Mr. R. R. Spurrier,
New Mexico Oil Conservation Commission,
P. O. Box 871,
Santa Fe, New Mexico.

Dear Mr. Spurrier:

Reference is made to your letter of January 2 with which you forwarded three copies of definitions of oil and gas pools in Chaves, Eddy and Lea Counties, New Mexico, revised as of January 1, 1946.

I am returning one copy to you and am forwarding one copy to Glenn Staley on which I have noted in red pencil corrections on pages 2, 4, 7 and 8 as follows:

(1) The Caprock pool should be shown as in both Chaves and Lea Counties, page 2.

(2) The producing formation of the Corbin pool is Queen rather than San Andres, page 2.

(3) The producing formation for the Jones pool might best be shown DR rather than Dr. This will conform with the way the formation is shown for the Drinkard pool, page 4.

(4) The Robinson pool should be shown as in both Eddy and Lea Counties, page 7.

(5) On page 8 in the index to the principal producing formations the symbol for Drinkard should be shown as DR and for the Pennsylvanian as PE, rather than Dr. and Pe. The last change will conform with the way the formation is shown on the Cass pool. The use of all caps, I believe, is preferable, however whichever way is acceptable should be made uniform.

I think that Mary did an excellent job in preparing the list of pool definitions as I found no errors in the legal descriptions, which is quite an accomplishment.

With kindest personal regards,

Foster Morrell

FOSTER MORRELL,
New Mexico Nomenclature Committee.

cc: Mr. Glenn Staley
Drawer I
Hobbs, New Mexico

DEFINITIONS OF OIL AND GAS POOLS
CHAVES, EDDY, AND LEA COUNTIES, NEW MEXICO

Recommended by the New Mexico Nomenclature Committee

Revised as of January 1, 1946

POOL	PROD. FORM	COUNTY		DESCRIPTION
Anderson	G	Eddy	T. 17 S., R. 29 E.	S½ sec. 1, S½ sec. 2, SE¼ sec. 3, all secs. 11, 12, N½ sec. 13, N½ sec. 14
			T. 17 S., R. 30 E.	SW¼ sec. 6, N½ sec. 7
Arrowhead	G	Lea	T. 21 S., R. 36 E.	All secs. 24, 25, 26, E½ sec. 34, all secs. 35, 36
			T. 22 S., R. 36 E.	All secs. 1, 2, E½ sec. 3, all secs. 11, 12, 13, 14, 24
			T. 22 S., R. 37 E.	W½ sec. 6, W½, SE¼ sec. 7, all secs. 18, 19
Artesia	G	Eddy	T. 17 S., R. 28 E.	S½ sec. 32, S½ sec. 33, S½ sec. 34, SW¼ sec. 35
			T. 18 S., R. 27 E.	SE¼ sec. 1, SE¼ sec. 11, all secs. 12, 13, E½ sec. 14, NE¼ sec. 23, E½, NW¼ sec. 24, E½ sec. 25, E½ sec. 36.
			T. 18 S., R. 28 E.	N½ sec. 2, all secs. 3, 4, 5, E½, SW¼ sec. 6, all secs. 7, 8, 9, 10, W½ sec. 11, all secs. 15 to 22, incl. and 27 to 34, incl.
			T. 19 S., R. 28 E.	All secs. 3, 4, 5, N½ sec. 6, NE¼ sec. 9, all sec. 10
Atoka	SA	Eddy	T. 18 S., R. 26 E.	E½ sec. 15
Barber	Y	Eddy	T. 20 S., R. 30 E.	S½ sec. 17, all sec. 20
Benson	Y	Eddy	T. 19 S., R. 30 E.	All sec. 16
Black River (abandoned)	D	Eddy	T. 24 S., R. 26 E.	NW¼ sec. 13, NE¼ sec. 14
Blinebry	B	Lea	T. 22 S., R. 38 E.	W½ sec. 18, all sec. 19
Brunson	E	Lea	T. 22 S., R. 37 E.	All sec. 9
Burton	Y	Eddy	T. 20 S., R. 29 E.	N½ sec. 8

POOL	PROD. FORM.	COUNTY	DESCRIPTION
Caprock	Q	Chaves & Lea	T. 12 S., R. 31 E. E½ sec. 36 T. 12 S., R. 32 E. S½ sec. 30, all sec. 31 T. 13 S., R. 31 E. All sec. 1, all sec. 11, N½ sec. 12 T. 13 S., R. 32 E. All sec. 6, N½ sec. 7
Cass	PE	Lea	T. 20 S., R. 37 E. All sec. 23
Cave (abandoned-	G	Eddy	T. 17 S., R. 29 E. SE¼ sec. 8, SW¼ sec. 9, NW¼ sec. 16, NE¼ sec. 17
Comanche	SA	Chaves	T. 11 S., R. 26 E. N½ sec. 15
Cooper-Jal	Y-SR	Lea	T. 23 S., R. 36 E. All secs. 4, 5, 8, 9, 15, 16, 17, 20, 21, 22, 27, 28, 33, 34 T. 24 S., R. 36 E. W½ sec. 2, all secs. 3 & 4, N½ sec. 9, all sec. 10, W½ sec. 11, SW¼ sec. 13, all secs. 14, 15, 22, 23, W½ sec. 24, W½ sec. 25, all secs. 26, 27, 34, 35, W½ sec. 36 T. 25 S., R. 36 E. All secs. 1, 2, 3, 11, 12, 13, 14, 23, 24, 25, 26, 36 T. 25 S., R. 37 E. SW¼ sec. 6, W½ sec. 7, W½ sec. 18, W½ sec. 19, W½ sec. 30, all sec. 31, SW¼ sec. 32
Corbin	SA	Lea	T. 18 S., R. 33 E. E½ sec. 9, W½ sec. 10
Culwin	Q	Eddy	T. 19 S., R. 31 E. N½ sec. 6
Daugherty	SA	Eddy	T. 17 S., R. 27 E. All sec. 3
Dayton	G	Eddy	T. 18 S., R. 26 E. S½ sec. 23, S½ sec. 24, all secs. 25, 26, N½ sec. 35
Dayton, East	G	Eddy	T. 18 S., R. 27 E. NW¼ sec. 29
Drinkard	DR	Lea	T. 22 S., R. 37 E. W½ sec. 14, E½ sec. 15, all secs. 23, 24, 25, 26 T. 22 S., R. 38 E. All sec. 19, W½ sec. 20 T. 23 S., R. 38 E. All secs. 29, 30, 31, 32 T. 26 S., R. 37 E. N½ sec. 5, all sec. 6
Dublin	E	Lea	T. 26 S., R. 36 E. All secs. 11, 12, 13, 14 T. 26 S., R. 37 E. All secs. 12, 13, 24, 25
Eaves	Y-SR	Lea	W½ sec. 7, all secs. 18, 19, SW¼ sec. 20, W½ sec. 29, all secs. 30, 31, W½ sec. 32

POOL	PROD. FORM	COUNTY		DESCRIPTION
Eighty-Four Draw	O	Lea	T. 21 S., R. 38 E.	All sec. 8
Empire	Y-G-SA	Eddy	T. 17 S., R. 27 E.	S½ sec. 13, all secs. 24, 25, E½ sec. 26, S½ sec. 33, all secs. 34, 35, 36
			T. 17 S., R. 28 E.	S½ sec. 18, all sec. 19, W½ sec. 30
			T. 18 S., R. 27 E.	N½, SW¼ sec. 2, all secs. 3, 4, 5, E½ sec. 6, E½ sec. 7, all sec. 8 NE¼, W½ sec. 9
Eunice-Monument	Q-G-SA	Lea	T. 19 S., R. 36 E.	E½ sec. 12, all secs. 13, 23, 24, 25, 26, 27, 34, 35, 36
			T. 19 S., R. 37 E.	All secs. 7, 8, W½ sec. 9, W½ sec. 16 All secs. 17, 18, 19, 20, 21 S½ sec. 27, all secs. 28 to 34 incl.
			T. 20 S., R. 36 E.	All secs. 1, 2, 3, 10, 11, 12, 13, 14 E½ sec. 15, all secs. 23, 24, 25, 26, 35, 36
			T. 20 S., R. 37 E.	All secs. 3 to 10 incl. & 15 to 21, incl., W½ sec. 22, all secs. 29, 30, 31, 32, 33
			T. 21 S., R. 35 E.	All secs. 1, 12, 13, 24, E½ sec. 25.
			T. 21 S., R. 36 E.	SW¼ sec. 1, all secs. 2 to 11, incl W½ sec. 12, W½ sec. 13, all secs. 14 to 22, incl., NW¼ sec. 23, W½ sec. 27, all secs. 28, 29, 30, NE¼ sec. 31, all secs. 32, 33, W½ sec. 34.
Eunice, South	SR	Lea	T. 21 S., R. 35 E.	E½ sec. 36
			T. 21 S., R. 36 E.	NW¼, S½ sec. 31
			T. 22 S., R. 35 E.	E½ sec. 1
			T. 22 S., R. 36 E.	W½ sec. 4, all secs. 5, 6, 7, 8, 9, W½ sec. 15, all secs. 16 to 21, incl., W½ sec. 22, W½ sec. 26 All secs. 27, 28, 29, E½ sec. 30, NE¼ sec. 31, N½ sec. 32, N½ sec. 33, N½ sec. 34, NW¼ sec. 35
Eunice, West	Y	Lea	T. 21 S., R. 34 E.	E½ sec. 12, all sec. 13, E½ sec. 14, NE¼ sec. 23, N½ sec. 24.
			T. 21 S., R. 35 E.	S½ sec. 6, all secs. 7, 18
Fenton	D	Eddy	T. 21 S., R. 28 E.	All sec. 15
Fren	SR	Eddy	T. 17 S., R. 30 E.	All sec. 22 to 27 incl.
			T. 17 S., R. 31 E.	All secs. 19, 20, 21, 22, 29, 30

POOL	PROD. FORM	COUNTY		DESCRIPTION
Getty	Y	Eddy	T. 20 S., R. 29 E.	SW¼ sec. 13, SE¼ sec. 14, E½ sec. 23, W½ sec. 24, NW¼ sec. 25, NE¼ sec. 26
Grayburg-Jackson	SA	Eddy	T. 17 S., R. 29 E.	S½ sec. 13, S½ sec. 14, all secs. 20 to 29, incl., N½ sec. 32, N½ sec. 33, N½ sec. 34, N½ sec. 35.
			T. 17 S., R. 30 E.	S½ sec. 12, all secs. 13, 14, 15, 16, 17, S½ sec. 18, all secs. 19, 20, 21, N½ sec. 22, N½ sec. 23, N½ sec. 24, N½ sec. 29, all sec. 30.
			T. 17 S., R. 31 E.	S½ sec. 7, S½ sec 8, S½ sec. 9, S½ sec. 13, all secs. 14 to 18, incl., N½ sec. 19, N½ sec. 20, all secs. 21, 22, 23, N½ sec. 26, N½ sec. 27, N½ sec. 28.
Hale (gas only)	T	Eddy	T. 20 S., R. 30 E.	SW¼ sec. 12, NW¼ sec. 13
Halfway	Y	Lea	T. 20 S., R. 32 E.	S½ sec. 9, all sec. 16
Hardy	G	Lea	T. 20 S., R. 37 E.	All sec. 36
			T. 20 S., R. 38 E.	All sec. 31
			T. 21 S., R. 36 E.	Lots 1, 2, 7, 8, 9, 10, 15, 16, sec. 1
			T. 21 S., R. 37 E.	All secs. 5, 6
Harrison	P	Lea	T. 23 S., R. 37 E.	SW¼ sec. 16, NW¼ sec. 21
Henshaw	SA	Eddy	T. 16 S., R. 30 E.	All sec. 13
High Lonesome	Q	Eddy	T. 16 S., R. 29 E.	SW¼ sec. 16, S½ sec. 17, N½ sec. 20, NW¼ sec. 21
High Lonesome, South	O	Eddy	T. 16 S., R. 29 E.	S½ sec. 31, S½, NE¼ sec. 32, all sec. 33
			T. 17 S., R. 28 E.	NE¼ sec. 1
			T. 17 S., R. 29 E.	N½ sec. 4, N½ sec. 5, N½ sec. 6
Hobbs	SA	Lea	T. 18 S., R. 37 E.	All secs. 13, 14, 23, 24, 25, 36
			T. 18 S., R. 38 E.	All secs. 17 to 22, incl. and 27 to 34 incl.
			T. 19 S., R. 38 E.	All secs. 3, 4, 5, 6, 8, 9, 10, 15, 16
Jal	(See Cooper-Jal)			
Jones	Dr.	Lea	T. 22 S., R. 37 E.	SE¼ sec. 1, NE¼ sec. 12
			T. 22 S., R. 38 E.	SW¼ sec. 6, NW¼ sec. 7

POOL	PROD. FORM	COUNTY	DESCRIPTION	
Langlie-Mattix	SR-Q	Lea	T. 23 S., R. 36 E.	All sec. 25, E½ sec. 26, E½ sec. 35, all sec. 36
			T. 23 S., R. 37 E.	S½ sec. 28, all secs. 29 to 34, incl.
			T. 24 S., R. 36 E.	All sec. 1, all sec. 12, NE¼ sec. 13
			T. 24 S., R. 37 E.	All secs. 2 to 11, incl., 14, 15, 16, 17, 18, E½ sec. 19, all secs. 20, 21, 22, 23, 26, 27, 28, 29, E½ sec. 30, E½ sec. 31, all secs. 32, 33, 34, 35.
			T. 25 S., R. 37 E.	All secs. 2, 3, 4, 5, NE¼ sec. 6, all secs. 8, 9, 10, 11, W½ sec. 13, all secs. 14, 15, 16, 17, E½ sec. 19, all secs. 20, 21, 22, 23, W½ sec. 24, W½ sec. 25, all secs. 26, 27, 28, 29, NE¼ sec. 32, N½ sec. 33, N½ sec. 34, all sec. 35, W½ sec. 36
			T. 26 S., R. 37 E.	NW¼ sec. 1, NE¼ sec. 2
Lea	Y	Lea	T. 20 S., R. 34 E.	W½ sec. 14
Leo	G	Eddy	T. 18 S., R. 30 E.	S½ sec. 14, S½ sec. 15, S½ sec. 16, N½ sec. 21, all secs. 22, 23
Loco Hills	G	Eddy	T. 17 S., R. 29 E.	S½ sec. 31, S½ sec. 32, S½ sec. 33, S½ sec. 34, S½ sec. 35, all sec. 36
			T. 17 S., R. 30 E.	S½ sec. 29, all secs. 31 & 32
			T. 18 S., R. 29 E.	All secs. 1 to 18, incl.
			T. 18 S., R. 30 E.	All secs. 5, 6, 7, 18
Lovington	SA	Lea	T. 16 S., R. 36 E.	S½ sec. 25, S½ sec. 26, all secs. 35 & 36
			T. 16 S., R. 37 E.	S½ sec. 30, all sec. 31
			T. 17 S., R. 36 E.	All secs. 1 & 2, N½ sec. 11, N½ sec. 12
			T. 17 S., R. 37 E.	All sec. 6, N½ sec. 7
Lovington, West	SA	Lea	T. 16 S., R. 36 E.	S½ sec. 32, SW¼ sec. 33
			T. 17 S., R. 36 E.	W½ sec. 3, all secs. 4 and 5, E½, SW¼ sec. 6, N½ sec. 7, N½ sec. 8, N½ sec. 9
Lusk, East	Y	Lea	T. 19 S., R. 32 E.	S½ sec. 21, N½ sec. 28
Lusk	Y	Eddy & Lea	T. 19 S., R. 31 E.	All sec. 24
			T. 19 S., R. 32 E.	W½ sec. 19
Lusk, West	Y	Eddy	T. 19 S., R. 31 E.	SE¼ sec. 15, NE¼ sec. 22
Lynch	Y	Lea	T. 20 S., R. 34 E.	S½ sec. 27, all sec. 34, SW¼ sec. 35
			T. 21 S., R. 33 E.	W½ sec. 1, all sec. 2
Lynch, North	Y	Lea	T. 20 S., R. 34 E.	E½ sec. 18

POOL	Prod. FORM.	COUNTY		DESCRIPTION
Maljamar	G-SA	Eddy & Lea	T. 17 S., R. 31 E.	S½ sec. 13, all secs. 24, 25
			T. 17 S., R. 32 E.	SE¼ sec. 8, S½ sec. 9, S½ sec. 14, all secs. 15 to 36, incl.
			T. 17 S., R. 33 E.	All sec. 19, S½ sec. 20, SW¼ sec. 21, W½ sec. 28, all secs. 29, 30, N½ sec. 31, N½ sec. 32
			T. 18 S., R. 32 E.	All secs. 4, 5
Maljamar, North	G	Lea	T. 17 S., R. 32 E.	SW¼ sec. 5, SE¼ sec. 6, NE¼ sec. 7, NW¼ sec. 8
Maljamar, South	G-SA	Lea	T. 18 S., R. 32 E.	SW¼ sec. 14, S½ sec. 15, all sec. 22, W½ sec. 23
Mattix (See Langlie-Mattix)				
McMillan	SA	Eddy	T. 19 S., R. 27 E.	E½ sec. 31
Monument (See Eunice-Monument)				
Paddock	P	Lea	T. 22 S., R. 37 E.	All secs. 1, 12, 13
Palmillo (abandoned)	G	Eddy	T. 18 S., R. 29 E.	S½ sec. 30
PCA	Y	Eddy	T. 20 S., R. 30 E.	S½ sec. 10, all sec. 15
Pearsall	Q	Lea	T. 17 S., R. 32 E.	All secs. 26, 32, 33, 34, 35
			T. 18 S., R. 32 E.	All secs. 4, 5
Penrose-Skelly	Q-G	Lea	T. 21 S., R. 36 E.	E½ sec. 13
			T. 21 S., R. 37 E.	S½ sec. 7, S½ sec. 8, S½ sec. 16, all secs. 17, 18, E½ sec. 19, all secs. 20, 21, 27, 28, 29, E½ sec. 30, E½ sec. 31, all secs. 32, 33, 34, 35
			T. 22 S., R. 37 E.	All secs. 2, 3, 4, 5, E½ sec. 6, NE¼ sec. 7, all secs. 8, 9, 10, 11, 14, 15, 16, E½ sec. 17, E½ sec. 20, all secs. 21, 22, 23, 26, 27, 28, E½ sec. 29, all secs. 32, 33, 34, W½ sec. 35
			T. 23 S., R. 37 E.	W½ sec. 2, all secs. 3, 4, 5, 6, 7, 8, 9, 10, W½ sec. 11, W½ sec. 14, all secs. 15, 16, 17, 18, N½ sec. 19, N½ sec. 20
Premier	G	Eddy	T. 17 S., R. 30 E.	S½ sec. 22, S½ sec. 23, S½ sec. 24, all secs. 25, 26, 27, 28, 33, 34, 35, 36
			T. 17 S., R. 31 E.	S½ sec. 19, S½ sec. 20, all secs. 29, 30, N½ sec. 31

POOL	PROD. FORM.	COUNTY		DESCRIPTION
Red Lake	G	Eddy	T. 17 S., R. 28 E.	SW¼ sec. 2, S½ sec. 3, all secs. 4, 5, 8, 9, 10, W½ sec. 11, W½ sec. 14, all secs. 15, 16, 17, 20 to 26, incl., N½ sec. 27, N½ sec. 28, N½ sec. 29, NE¼ sec. 30
Rhodes	Y	Lea	T. 26 S., R. 37 E.	All secs. 4, 5, 6, E½ sec. 7, all secs. 8, 9, S½ sec. 10, all secs. 15, 16, 17, N½,SE¼ sec. 20, all secs. 21, 22, S½ sec. 23, all secs. 26, 27, 28, 34, 35
Roberts	G	Lea	T. 17 S., R. 33 E.	S½ sec. 6, N½ sec. 7
Roberts, West	G	Lea	T. 17 S., R. 32 E.	S½ sec. 2
Robinson	G-SA	Eddy Lea	T. 16 S., R. 31 E. T. 16 S., R. 32 E.	S½ sec. 25, E½SE¼ sec. 34, all sec. 35, N½,SW¼ sec. 36 SW¼ sec. 30, NW¼ sec. 31
Russell	Y	Eddy	T. 20 S., R. 28 E.	S½ sec. 12, all secs. 13, 14, 23, W½ sec. 24
Salt Lake	Y	Lea	T. 20 S., R. 33 E.	All secs. 7, 18
San Simon	Y	Lea	T. 21 S., R. 35 E. T. 22 S., R. 35 E.	SE¼ sec. 32, SW¼ sec. 33 NW¼ sec. 4, NE¼ sec. 5
Seanlon (gas only)	T	Eddy	T. 20 S., R. 29 E.	SW¼ sec. 29, SE¼ sec. 30
Shugart	Y-Q	Eddy	T. 18 S., R. 31 E. T. 19 S., R. 31 E.	S½ sec. 34, SW¼ sec. 35 NW¼ sec. 2, N½ sec. 3
Shugart, North	Q	Eddy	T. 18 S., R. 31 E.	S½ sec. 8, S½ sec. 9, S½ sec. 10, S½, NE¼ sec. 11, W½ sec. 12, NW¼ sec. 13, N½ sec. 14, all secs. 15, 16, 17, 18, 20, 21, N½ sec. 22, N½ sec. 28, N½ sec. 29.
Skaggs	SA	Lea	T. 20 S., R. 37 E. T. 20 S., R. 38 E.	All secs. 24, N½ sec. 25 All sec. 19, N½ sec. 30
Skelly	(See Penrose-Skelly)			

POOL	PROD. FORM.	COUNTY		DESCRIPTION
Square Lake	G-SA	Eddy	T. 16 S., R. 30 E.	S½ sec. 24, all secs. 25, 26, 27, S½ sec. 28, E½ sec. 32, all secs. 33, 34, 35, 36
			T. 16 S., R. 31 E.	S½ sec. 19, S½ sec. 20, S½ sec. 21, SW¼ sec. 27, all secs. 28 to 33, incl., W½ sec. 34
			T. 17 S., R. 30 E.	All secs. 1, 2, 3, 4, E½ sec. 5, N½N½ sec. 11
			T. 17 S., R. 31 E.	N½ sec. 6
Tonto	SR	Lea	T. 19 S., R. 33 E.	E½ sec. 22, W½ sec. 23
Turkey Track	Q	Eddy	T. 18 S., R. 29 E.	S½ sec. 34, SW¼ sec. 35
			T. 19 S., R. 29 E.	W½ sec. 2, all sec. 3, N½ sec. 10, NW¼ sec. 11
Young	Q	Lea	T. 18 S., R. 32 E.	N½ sec. 20
Vacuum	G-SA	Lea	T. 17 S., R. 34 E.	All secs. 3 to 17, incl., 20 to 29, incl., and 32 to 36 incl.
			T. 17 S., R. 35 E.	All sec. 7, all secs. 18 to 36 incl.
			T. 18 S., R. 34 E.	All secs. 1, 2, 3, 4, 11, 12
			T. 18 S., R. 35 E.	All secs. 3, 4, 5, 6, 7

INDEX TO PRINCIPAL PRODUCING FORMATIONS:-

TANSILL	T
YATES	Y
SEVEN RIVERS	SR
QUEEN	Q
GRAYBURG	G
SAN ANDRES	SA
PADDOCK	P
BLINEBRY	B
DRINKARD	~~Dr.~~ DR
DELAWARE	D
PENNSYLVANIAN	~~Pe.~~ PE
ELLENBURGER	E

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

COPY

January 2, 1946

Mr. Foster Morrell, Chairman
New Mexico Nomenclature Committee
Box 997
Roswell, New Mexico

Dear Buck:

Attached are three copies of Definition of Oil and Gas Pools - Chaves, Eddy, and Lea Counties, New Mexico.

I have sent a copy to Glenn and we have kept a copy here. If there are any corrections to be made, please send a corrected copy to Glenn and return one to this office.

Kindest personal regards.

Very truly yours,

RRS:MS

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

COPY

January 2, 1946

Mr. Glenn Staley
Proration Office
Hobbs, New Mexico

Dear Glenn:

I believe you need this information - so for your convenience you may use it. The Commission has not made it official but doubtless will. All changes are effective January 1, 1946.

Hope to see you in a week or so. Best wishes for 1946.

Very truly yours,

RRS:MS

P.S. Morrell will forward corrected copy of enclosed information.

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:

THE PETITION OF THE OPERATORS IN SOUTHEASTERN NEW MEXICO, BY GLENN STALEY, FOR A REDEFINING OF THE BOUNDARY LINES OF THE OIL AND GAS FIELDS IN SOUTHEASTERN NEW MEXICO.

CASE NO. 58

ORDER NO. 588

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at ten o'clock A.M., January 8, 1945 at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this 29th day of January, 1945, the Commission having before it for consideration the testimony adduced at the hearing of said case and being fully advised in the premises;

IT IS THEREFORE ORDERED:

SECTION 1. That the oil and gas fields in Lea, Eddy and Chaves Counties are hereby redefined in accordance with Exhibit A attached hereto and made a part hereof, with the following saving clause:

SECTION 2. That the order herein is not intended to change the gas-oil ratio limitations of any existing proration unit under any existing applicable gas-oil ratio order; nor is the order herein intended to change the proration plan or system of any existing proration unit under any existing proration order—this notwithstanding the change of field boundary lines or the combination of fields, unless by hearing as provided by law for any change of gas-oil ratio limitations or proration orders.

SECTION 3. That within the discretion of the Commission by appropriate resolution in its executive session, upon recommendation of the New Mexico Nomenclature Committee of the Lea County Operators Committee, the Commission may add extensions to the field herein redefined, or designate new pools as fields laterally or vertically. Provided, there shall be no contraction of any field herein redefined or any extension thereof or new fields that may be designated as provided herein, without hearing and by appropriate order as provided by law.

SECTION 4. That the order herein supersedes any order with which it is in conflict.

SECTION 5. That this order shall become effective March 1, 1945, and that January production normally carried in the March Proration Schedule shall be shown in the March, 1945, Proration Schedule under the changed field redefinitions herein, and accordingly for subsequent months.

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

OIL CONSERVATION COMMISSION
BY: John J. Dempsey, Chairman
John E. Miles, Member
~~John H. Bridge, Sec.~~

SEAL

DEFINITIONS OF OIL & GAS FIELDS
CHAVES, EDDY, AND LEA COUNTIES, NEW MEXICO

Recommended by the New Mexico Field Nomenclature Committee

Revised as of January 1, 1945 1946

Pool FIELD	PROD. FORM	COUNTY	DESCRIPTION	
Anderson OK	G	Eddy	T. 17 S., R. 29 E.	S½ sec. 1, S½ sec. 2, SE¼ sec. 3, all secs. 11, 12, N½ sec. 13, N½ sec. 14
			T. 17 S., R. 30 E.	SW¼ sec. 6, N½ sec. 7
Arrowhead OK	G	Lea	T. 21 S., R. 36 E.	All secs. 24, 25, 26, E½ sec. 34, all secs. 35, 36
			T. 22 S., R. 36 E.	All secs. 1, 2, E½ sec. 3, all secs. 11, 12, 13, 14, 24
			T. 22 S., R. 37 E.	W½ sec. 6, W½, SE¼ sec. 7, all secs. 18, 19
Artesia OK	G	Eddy	T. 17 S., R. 28 E.	S½ sec. 32, S½ sec. 33, S½ sec. 34, SW¼ sec. 35
			T. 18 S., R. 27 E.	SE¼ sec. 1, SE¼ sec. 11, all secs. 12, 13, E½ sec. 14, E½, NW¼ sec. 24, E½ sec. 25, E½ sec. 36
			T. 18 S., R. 28 E.	W½ sec. 2, all secs, 3, 4, 5, E½, SW¼ sec. 6, all secs. 7, 8, 9, 10, W½ sec. 11, all secs. 15 to 22, incl. and 27 to 34, incl.
			T. 19 S., R. 28 E.	All secs. 3, 4, 5, N½ sec. 6, NE¼ sec. 9, all sec. 10
Atoka OK	SA	Eddy	T. 18 S., R. 26 E.	E½ sec. 15
Barber OK	Y	Eddy	T. 20 S., R. 30 E.	S½ sec. 17, all sec. 20
Benson OK	Y	Eddy	T. 19 S., R. 30 E.	All sec. 16
(2) Black River OK (abandoned)	D	Eddy	T. 24 S., R. 26 E.	NW¼ N½ sec. 13, NE¼ sec. 14
(3) → Blinebry OK	B	Lea (new pool)		
(4) → Brunson OK	E	Lea (new pool)		
Burton OK	Y	Eddy	T. 20 S., R. 29 E.	N½ sec. 8
(5) Caprock OK	Q	Chaves & Lea	T. 12 S., R. 31 E.	E½ sec. 36
			T. 12 S., R. 32 E.	S½ sec. 30, all sec. 31 (see Redefinition)
(5a) Cass OK	Pe	Lea	(new pool)	
Cave OK (abandoned)	G	Eddy	T. 17 S., R. 29 E.	SE¼ sec. 8, SW¼ sec. 9, NW¼ sec. 16, NE¼ sec. 17
Comanche OK	SA	Chaves	T. 11 S., R. 26 E.	N½ sec. 15
Cooper-Jal OK	Y-SR	Lea	T. 23 S., R. 36 E.	All secs. 4, 5, 8, 9, 15, 16, 17, 20, 21, 22, 27, 28, 33, 34
			T. 24 S., R. 36 E.	W½ sec. 2, all secs. 3 & 4, N½ sec. 9, all sec. 10, W½ sec. 11, SW¼ sec. 13, all secs. 14, 15, 22, 23, W½ sec. 24, W½ sec. 25, all secs. 26, 27, 34, 35, W½ sec. 36
			T. 25 S. R. 36 E.	All secs. 1, 2, 3, 11, 12, 13, 14, 23, 24, 25, 26, 36
			T. 25 S., R. 37 E.	SW¼ sec. 6, W½ sec. 7, W½ sec. 18, W½ sec. 19, W½ sec. 30, all sec. 31, SW¼ sec. 32.

Pool ~~FIELD~~ DEFINITIONS-CONTD.

	PROD. FORM	COUNTY	DESCRIPTION
Pool ~~FIELD~~ Corbin OK	SA	Lea	T. 18 S., R. 33 E. E½ sec. 9, W½ sec. 10
Culwin OK	Q	Eddy	T. 19 S., R. 31 E. N½ sec. 6
(6) Daugherity OK	SA	Eddy	T. 17 S., R. 27 E. All sec. 3
Dayton OK	G	Eddy	T. 18 S., R. 26 E. S½ sec. 23, S½ sec. 24, all secs. 25, 26, N½ sec. 35
Dayton, East OK	G	Eddy	T. 18 S., R. 27 E. NW¼ sec. 29
(7) Drinkard ~~Texo~~ ~~Ya~~ OK Dr.		Lea	~~T. 22 S., R. 37 E. E½ sec. 24, E½ sec. 25~~ ~~T. 22 S., R. 38 E. All sec. 19, W½ sec. 20, W½ sec. 29, all sec. 30~~ (see redefinition)
(8) Dublin OK ~~Eldonburger~~	E	Lea	T. 26 S., R. 37 E. All secs. 11, 12, 13, 14
Eaves OK	Y-SR	Lea	T. 26 S., R. 36 E. All secs. 12, 13, 24, 25 T. 26 S., R. 37 E. W½ sec. 7, all secs. 18, 19, SW¼ sec. 20, W½ sec. 29, all secs. 30, 31, W½ sec. 32
Eighty-Four Draw OK	G	Lea	T. 21 S., R. 38 E. All sec. 8
Empire OK	Y-G-SA	Eddy	T. 17 S., R. 27 E. S½ sec. 13, all secs. 24, 25, E½ sec. 26, S½ sec. 33, all secs. 34, 35, 36 T. 17 S., R. 28 E. S½ sec. 18, all sec. 19, W½ sec. 30, T. 18 S., R. 27 E. N½, SW¼ sec. 2, all secs. 3, 4, 5, E½ sec. 6, E½ sec. 7, all sec. 8, NE¼ W½ sec. 9.
(8a) (9) Eunice-Monument OK	Q-G-SA	Lea	T. 19 S., R. 36 E. E½ sec. 12, all secs. 13, 23, 24, 25, 26, 27, 34, 35, 36 T. 19 S., R. 37 E. All secs. 7, 8, W½ sec. 9, W½ sec. 16, all secs. 17, 18, 19, 20, 21, S½ sec. 27, all secs. 28 to 34 incl. T. 20 S., R. 36 E. All secs. 1, 2, 3, 10, 11, 12, 13, 14, E½ sec. 15, all secs. 23, 24, 25, 26, 35, 36 T. 20 S., R. 37 E. All secs. 3 to 10, incl. & 15 to 21, incl., W½ sec. 22, all secs. 29, 30, 31, 32, 33 T. 21 S., R. 35 E. All secs. 1, 12, 13, 24, E½ sec. 25, T. 21 S., R. 36 E. SW¼ sec. 1, all secs. 2 to 11, incl. W½ sec. 12, W½ sec. 13, all secs. 14 to 22, incl., NW¼ sec. 23, W½ sec. 27, all secs. 28, 29, 30, NE¼ sec. 31, all secs. 32, 33, W½ sec. 34
Eunice, South OK	SR	Lea	T. 21 S., R. 35 E. E½ sec. 36 T. 21 S., R. 36 E. NW¼ S½ sec. 31 NW¼, S½ T. 22 S., R. 35 E. E½ sec. 1 T. 22 S., R. 36 E. W½ sec. 4, all secs. 5, 6, 7, 8, 9, W½ sec. 15, all secs. 16 to 21, incl., W½ sec. 22, W½ sec. 26,

Pool

FIELD DEFINITIONS-CONTD.

Pool FIELD	PROD. FORM	COUNTY	DESCRIPTION
Eunice, South- (contd.) OK	SR	Lea	T. 22 S., R. 36 E. All secs. 27, 28, 29, E½ sec. 30, NE¼ sec. 31, N½ sec. 32, N½ sec. 33, N½ sec. 34, NW¼ sec. 35
(10) Eunice, West OK	Y	Lea	T. 21 S., R. 34 E. E½ sec. 12, all sec. 13, E½ sec. 14, N½ sec. 24, (10)
			T. 21 S., R. 35 E. S½ sec. 6, all secs. 7, 18
Fenton OK	D	Eddy	T. 21 S., R. 28 E. All sec. 15
(11) Fren OK	SR	Eddy	(new pool)
Getty OK	Y	Eddy	T. 20 S., R. 29 E. SW¼ sec. 13, SE¼ sec. 14, E½ s .. 23, W½ sec. 24, NW¼ sec. 25, NE¼ sec. 26
(12) Grayburg-Jackson OK	SA	Eddy	T. 17 S., R. 29 E. S½ sec. 13, S½ sec. 14, all secs. 20 to 29, incl., N½ sec. 32, N½ sec. 33, N½ sec. 34, N½ sec. 35.
			T. 17 S., R. 30 E. S½ sec. 12, all secs. 13, 14, 15, 16, 17, S½ sec. 18, all secs. 19, 20, 21, N½ sec. 22, N½ sec. 23, N½ sec. 24, N½ sec. 29, all sec. 30
see redefinition			T. 17 S., R. 31 E. S½ sec. 7, S½ sec. 8, S½ sec. 9, ~~all~~ S½ sec. 13 all secs. 14 to 18, incl., N½ sec. 19, N½ sec. 20, all secs. 21 to 25, incl., N½ sec. 26, N½ sec. 27, N½ sec. 28
Hale OK (gas only)	T	Eddy	T. 20 S., R. 30 E. SW¼ sec. 12, NW¼ sec. 13
Halfway OK	Y	Lea	T. 20 S., R. 32 E. S½ sec. 9, all sec. 16
Hardy OK	G	Lea	T. 20 S., R. 37 E. All sec. 36
			T. 20 S., R. 38 E. All sec. 31
			T. 21 S., R. 36 E. Lots 1, 2, 7, 8, 9, 10, 15, 16, sec. 1
			T. 21 S., R. 37 E. All secs. 5, 6
(13) Harrison OK	P	Lea	(new pool)
Henshaw OK	SA	Eddy	T. 16 S., R. 30 E. All sec. 13
High Lonesome OK	Q	Eddy	T. 16 S., R. 29 E. SW¼ sec. 16, S½ sec. 17, N½ sec. 20, NW¼ sec. 21
High Lonesome, South OK	G	Eddy	T. 16 S., R. 29 E. S½ sec. 31, S½, NE¼ sec. 32, all sec. 33
			T. 17 S., R. 28 E. NE¼ sec. 1
			T. 17 S., R. 29 E. N½ sec. 5, N½ sec. 6, N½ sec. 4
Hobbs OK	SA	Lea	T. 18 S., R. 37 E. All secs. 13, 14, 23, 24, 25, 36
			T. 18 S., R. 38 E. All secs. 17 to 22, incl. and 27 to 34 incl.
			T. 19 S., R. 38 E. All secs. 3, 4, 5, 6, 8, 9, 10, 15, 16
Jal OK (See Cooper-Jal)			
(14) Jones OK	Dr	Lea	(new pool)
Langlie-Mattix OK	SR-Q	Lea	T. 23 S., R. 36 E. All sec. 25, E½ sec. 26, E½ sec. 35, all sec. 36
			T. 23 S., R. 37 E. S½ sec. 28, all secs. 29 to 34, incl.
			T. 24 S., R. 36 E. All sec. 1, all sec. 12, NE¼ sec. 13

Pool

POOL DEFINITIONS-CONTD.

POOL FIELD	PROD. FORM	COUNTY	DESCRIPTION
Langlie-Mattix (contd.)	SR-Q	Lea	T. 24 S., R. 37 E. All secs. 2 to 11, incl., 14, 15, 16, 17, 18, E½ sec. 19, all secs. 20, 21, 22, 23, 26, 27, 28, 29, E½ sec. 30, E½ sec. 31, all secs. 32, 33, 34, 35.
			T. 25 S., R. 37 E. All secs. 2, 3, 4, 5, NE¼ sec. 6, all secs. 8, 9, 10, 11, W½ sec. 13, all secs. 14, 15, 16, 17, E½ sec. 19, all secs. 20, 21, 22, 23, W½ sec. 24, W½ sec. 25, all secs. 26, 27, 28, 29, NE¼ sec. 32, N½ sec. 33, N½ sec. 34, all sec. 35, W½ sec. 36
			T. 26 S., R. 37 E. NW¼ sec. 1, NE¼ sec. 2
Lea OK	Y	Lea	T. 20 S., R. 34 E. W½ sec. 14
Leo OK	G	Eddy	T. 18 S., R. 30 E. S½ sec. 14, S½ sec. 15, S½ sec. 16, N½ sec. 21, all secs. 22, 23
Loco Hills OK (1)	G	Eddy	T. 17 S., R. 29 E. S½ sec. 31, S½ sec. 32, S½ sec. 33, S½ sec. 34, S½ sec. 35, all sec. 36
			T. 17 S., R. 30 E. S½ sec. 29, all secs. 31 & 32
			T. 18 S., R. 29 E. All secs. 1 to 18, incl.
			T. 18 S., R. 30 E. All secs. 5, 6, 7, 18
Lovington OK	SA	Lea	T. 16 S., R. 36 E. S½ sec. 25, S½ sec. 26, all secs. 35 & 36
			T. 16 S., R. 37 E. S½ sec. 30, all sec. 31
			T. 17 S., R. 36 E. All secs. 1 & 2, N½ sec. 11, N½ sec. 12
			T. 17 S., R. 37 E. All sec. 6, N½ sec. 7
Lovington, West OK (15)	SA	Lea	T. 17 S., R. 36 E. All secs. 4, 5, E½ sec. 6, NE¼ sec. 7, N½ sec. 8, N½ sec. 9 — see redefinition
Lusk, East OK	Y	Lea	T. 19 S., R. 32 E. S½ sec. 21, N½ sec. 28
Lusk OK	Y	Eddy & Lea	T. 19 S., R. 31 E. All sec. 24 T. 19 S., R. 32 E. W½ sec. 19
Lusk, West OK	Y	Eddy	T. 19 S., R. 31 E. SE¼ sec. 15, NE¼ sec. 22
Lynch OK	Y	Lea	T. 20 S., R. 34 E. S½ sec. 27, all sec. 34, SW¼ sec. 35 T. 21 S., R. 33 E. W½ sec. 1, all sec 2
Lynch, North OK	Y	Lea	T. 20 S., R. 34 E. E½ sec. 18
Maljamar G-SA (16)		Eddy & Lea	T. 17 S., R. 31 E. S½ sec. 13, all parts 24, 25 T. 17 S., R. 32 E. SE¼ sec. 8, S½ sec. 9, S½ sec. 14, all secs. 15 to 36, incl. T. 17 S., R. 33 E. All sec. 19, S½ sec. 20, SW¼ sec. 21, W½ sec. 28, all secs. 29, 30, N½ sec. 31, N½ sec. 32 T. 18 S., R. 32 E. All secs. 4, 5
Maljamar, North OK	G	Lea	T. 17 S., R. 32 E. SW¼ sec. 5, SE¼ sec. 6, NE¼ sec. 7, NW¼ sec. 8.
Maljamar, South OK	G-SA	Lea	T. 18 S., R. 32 E. SW¼ sec. 14, S½ sec. 15, all sec. 22, W½ sec. 23.
Mattix OK	(See Langlie-Mattix)		

POOL

~~FIELD~~ DEFINITIONS-CONTD.

~~FIELD~~ POOL	PROD. FORM	COUNTY		DESCRIPTION
McMillan OK	SA	Eddy	T. 19 S., R. 27 E.	E½ sec. 31
Monument OK	(See Eunice-Monument)			
(17) → Paddock OK	P	Lea	(new pool)	
(18) → Palmillo OK (abandoned)	G	Eddy	T. 18 S., R. 29 E.	S½ sec. 30
PCA OK	Y	Eddy	T. 20 S., R. 30 E.	S½ sec. 10, all sec. 15
(19) → Pearsall OK	Q	Lea	(new pool)	
Penrose-	Q-G	Lea	T. 21 S., R. 36 E.	E½ sec. 13
(20) → Skelly OK			T. 21 S., R. 37 E.	S½ sec. 7, S½ sec. 8, S½ sec. 16, all secs. 17, 18, E½ sec. 19, all secs. 20, 21, 27, 28, 29, E½ sec. 30, E½ sec. 31, all secs. 32, 33, 34, 35
			T. 22 S., R. 37 E.	All secs. 2, 3, 4, 5, E½ sec. 6, all secs. 8, 9, 10, 11, 14, 15, 16, E½ sec. 17, E½ sec. 20, all secs. 21, 22, 23, 26, 27, 28, E½ sec. 29, all secs. 32, 33, 34, W½ sec. 35 NE¼ sec 7
			T. 23 S., R. 37 E.	W½ sec. 2, all secs. 3, 4, 5, 6, 7, 8, 9, 10, W½ sec. 11, W½ sec. 14, all secs. 15, 16, 17, 18, N½ sec. 19, N½ sec. 20
(21) Premier OK	~~SA~~ G	Eddy	T. 17 S., R. 30 E.	S½ sec. 22, S½ sec. 23, S½ sec. 24, all secs. 25, 26, 27, 28, 33, 34, 35, 36
			T. 17 S., R. 31 E.	S½ sec. 19, S½ sec. 20, all secs. 29, 30, N½ sec. 31
(22) Red Lake OK	G	Eddy	T. 17 S., R. 28 E.	SW¼ sec. 2, S½ sec. 3, all secs. 4, 5, 8, 9, 10, W½ sec. 11, W½ sec. 14, all secs. 15, 16, 17, 20 to 26, incl., N½ sec. 27, N½ sec 28, N½ sec 29, NE¼ sec 30
(23) Rhodes OK	Y	Lea	T. 26 S., R. 37 E.	All secs. 4, 5, 6, E½ sec. 7, all secs. 8, 9, S½ sec. 10, all secs. 15, 16, 17, N½ SE¼ sec. 20, all secs. 21, 22, S½ sec. 23, all secs. 26, 27, 28, 34, 35 (N½, SE¼)
Roberts OK	G	Lea	T. 17 S., R. 33 E.	S½ sec. 6, N½ sec. 7
(24) → Roberts, West OK	G	Lea	(new pool)	
(25) → Robinson	G-SA	Eddy	T. 16 S., R. 31 E.	S½ sec. 25, (E½, SE¼) all sec. 35, (N½ SW¼) sec. 36 (N½, SW¼)
			T. 16 S., R. 32 E.	SW¼ sec. 30, NW¼ sec. 31
Russell OK	Y	Eddy	T. 20 S., R. 28 E.	S½ sec. 12, all secs. 13, 14, 23, W½ sec. 24
(26) → Salt Lake OK	Y	Lea	T. 20 S., R. 33 E.	S½ sec. 7, N½ sec. 18 see redefinition
San Simon OK	Y	Lea	T. 21 S., R. 35 E.	SE¼ sec. 32, SW¼ sec. 33
			T. 22 S., R. 35 E.	NW¼ sec. 4, NE¼ sec. 5
Scanlon (gas only) OK	T	Eddy	T. 20 S., R. 29 E.	SW¼ sec. 29, SE¼ sec. 30
Shugart OK	Y-Q	Eddy	T. 18 S., R. 31 E.	S½ sec. 34, SW¼ sec. 35
			T. 19 S., R. 31 E.	NW¼ sec. 2, N½ sec. 3

Pool

~~FIELD~~ DEFINITIONS-CONTD.

~~FIELD~~ Pool	PROD. FORM	COUNTY		DESCRIPTION
Shugart, North OK	Q	Eddy	T. 18 S., R. 31 E.	S½ sec. 8, S½ sec. 9, S½ sec. 10, S½, NE¼ sec. 11, W½ sec. 12, NW¼ sec. 13, N½ sec. 14, all secs. 15, 16, 17, 18, 20, 21, N½ sec. 22, N½ sec. 28, N½ sec. 29.
(27) Skaggs OK	SA	Lea	T. 20 S., R. 37 E.	All secs. 23, 24, N½ sec. 25
			T. 20 S., R. 38 E.	All sec. 19, N½ sec. 30
Skelly OK (See Penrose-Skelly)				
(28) Square Lake OK	G-SA	Eddy	T. 16 S., R. 30 E.	S½ sec. 24, all secs. 25, 26, 27, S½ sec. 28, E½ sec. 32, all secs. 33, 34, 35, 36 SW¼ sec 27
			T. 16 S., R. 31 E.	S½ sec. 19, S½ sec. 20, S½ sec. 21, all secs. 28 to 33, incl., W½ sec 34
			T. 17 S., R. 30 E.	All secs. 1, 2, 3, 4, E½ sec. 5, N½ N½ sec. 11
			T. 17 S., R. 31 E.	N½ sec. 6
Tonto OK	SR	Lea	T. 19 S., R. 33 E.	E½ sec. 22, W½ sec. 23
Turkey Track OK	Q	Eddy	T. 18 S., R. 29 E.	S½ sec. 34, SW¼ sec. 35
			T. 19 S., R. 29 E.	W½ sec. 2, all sec. 3, N½ sec. 10, NW¼ sec. 11
(29) Young OK	Q	Lea (new pool)		
Vacuum OK	G-SA	Lea	T. 17 S., R. 34 E.	All secs. 3 to 17, incl., 20 to 29, incl. and 32 to 36 incl.
			T. 17 S., R. 35 E.	All sec. 7, all secs. 18 to 36 incl.
			T. 18 S., R. 34 E.	All secs. 1, 2, 3, 4, 11, 12
			T. 18 S., R. 35 E.	All secs. 3, 4, 5, 6, 7

INDEX TO PRINCIPAL PRODUCING FORMATIONS:-

TANSILL	T
YATES	Y
SEVEN RIVERS	SR
QUEEN	Q
GRAYBURG	G
SAN ANDRES	SA
~~YESO~~	~~Ye~~
PENNSYLVANIAN Pe → DELAWARE	D
ELLENBURGER	E

Paddock P
Blinebry B
Drinkard Dr

MEMBERS OF THE N.M. FIELD NOMENCLATURE COMM.

Aston, Chuck	Ward Bldg., Artesia, N.M.
Bollinger, W.R.	Shell Oil Co., Box 1457, Hobbs, N.M.
Boss, R.L.	Gulf Oil Corp., Box 1667, Hobbs, N.M.
Gray, Ralph	Stanolind Oil & Gas Co., Box F, Hobbs, N.M.
Knoepfel, R.M.	Atlantic Rfg. Co., Box 808, Carlsbad, N.M.
Lamb, N.R.	Continental Oil Co., Box CC, Hobbs, N.M.
Miller, Charles P.	Box 385, Hobbs, N.M.
Morrell, Foster (Chairman)	U.S. Geological Survey, Box 997, Roswell, N.M.
Staley, Glenn	Lea County Operators Committee, Drawer I, Hobbs, N.M.
Wills, Neil H.	Box 529, Carlsbad, N.M.

LIST OF CORRECTIONS FOR EXHIBIT "A" TO ORDER NO. 307
revised as of 1-1-70 (includes changes from
Supplements Nos. 1, 2, 3, 4 & 5)

POOL

Artesia	(1)	Insert: NE¼ sec. 23 (T. 18S, R. 27E. Suppl. #4)
Black River	(2)	Change: N½ sec. 13 to read NW¼ sec. 13 (T. 24S, R. 26E) (typographical error)
Blinebry	(3)	Add new pool: T. 22S, R. 38E, W½ sec. 18, all sec. 19. (Prod. Form. B; Suppl. #5)
Brunson	(4)	Add new pool: T. 22S, R. 37E., all sec. 9 (Prod. Form. E; Suppl. #4)
Caprock	(5)	Redefined in full: T. 12 S., R. 31E. E½ sec. 36 T. 12 S., R. 32E S½ sec 30, all sec. 31 T. 13 S., R. 31E all sec. 1, all sec. 11, N½ sec. 12 T. 13 S., R. 32E all sec. 6, N½ sec. 7 (Prod. Form. Q; Suppl # 2, 4, 5)
Cass	(5a)	Add new pool: T. 20S, R. 37E., all sec. 23 (Prod Form: PE, Suppl. #2,5)
Daugherty	(6)	Show Prod Form: SA
Drinkard	(7)	Redefined in full: T. 22S., R. 37 E. W½ sec. 14, E½ sec. 15, all secs. 23, 24, 25, 26 T. 22S., R. 38 E. All sec. 19, W½ sec.20, All secs. 29, 30, 31, 32 T. 23S., R. 38E. N½ sec. 5, all sec. 6 (Delete "Yeso" from pool name, Prod Form. Dr)
Dublin	(8)	Delete "Ellenburger" from pool name.
Empire	(8a)	Change NE¼ W½ sec. 9 to read NE¼, W½ sec. 9 (T. 18S, R. 27E) (typographical error)
Eunice-Monument	(9)	Show Prod. Form.: Q-G-SA
Eunice, West	(10)	Add to pool descrip.: NE¼ sec. 23 (T. 21S, R 34E., Suppl. #3)
Fren	(11)	Add new pool: T. 17S., R. 30E. All sec. 22 to 27 incl. T. 17 S., R. 31E. All secs. 19, 20, 21, 22, 29, 30. (Prod Form: SR, Suppl. #4)
Grayburg-Jackson	(12)	Change pool description in T. 17S., R. 31 E to read: S½ sec. 7, S½ sec. 8, S½ sec. 9, S½ sec. 13, all secs. 14 to 18, incl., N½ sec. 19, N½ sec. 20, all secs. 21, 22, 23, N½ sec. 26, N½ sec. 27, N½ sec. 28 (Suppl. #4)
Harrison	(13)	Add new pool: T. 23S., R. 37 E. SW¼ sec. 16, NW¼ sec. 21 (Prod. Form: P, Suppl. #5)
Jones	(14)	Add new pool: T. 22S., R. 37E. SW¼ sec. 1, NW¼ sec. 12 T. 22S., R. 38 E. SW¼ sec. 6, NW¼ sec. 7 (Prod. Form. Dr., Suppl. #5)
Lovington, West	(15)	Redefined in full: T. 16S., R. 36E. S½ sec. 32, SW¼ sec. 33 T. 17S., R. 36E. N½ sec. 3, all secs. 4 and 5, N½, SW¼ sec. 6, N½ sec. 7, N½ sec. 8, N½ sec. 9. (Suppl. # 2, 3)

Maljamar Add Eddy & Lea	(16)	Add to pool description: T. 17S., R. 31E., S½ sec. 13, all secs. 24, 25 (Suppl. # 5)
Paddock	(17)	Add new pool: T. 22S., R. 37 E All secs. 1, 12, 13 (Prod. Form: F, Suppl. #2, 4)
Palmillo	(18)	Add Prod. Form.: G
Pearsall	(19)	Add new pool: T. 17S., R. 32E., All secs. 26, 32, 33, 34, 35 T. 18S., R. 32E., All secs. 4, 5 (Prod. Form: Q, Suppl. #4)
Penrose-Skelly	(20)	Add: T. 22S., R. 37E., NE¼ sec. 7 (Suppl. #1)
Premier	(21)	Delete SR from Prod. Form. SR production is now under Fren pool.
Red Lake	(22)	Add to pool description: N½ sec. 28, N½ sec. 29, NW¼ sec. 30. (Suppl. #2, 4)
Rhodes	(23)	Change N½SE¼ sec. 20 (T. 26S., R. 37E.) to N½, SE¼ sec. 20 (typographical error, Suppl. #1)
Roberts, West	(24)	Add new pool: T. 17S., R. 32E. S½ sec. 2. (Prod. Form: G, Suppl. #1)
Robinson	(25)	Add to pool description: T. 16S., R. 31E. E½SE¼ Change N½SW¼ sec. 36 to read N½, SW¼ sec. 36 (T. 16S., R. 31E) (Suppl. #1)
Salt Lake	(26)	Redefined in full: T. 20S., R. 33E. All secs. 7, 18 (Suppl. # 3,4)
Skaggs	(27)	Delete all sec. 23, T. 20S., R. 37E., now in Cass pool.
Square Lake	(28)	Add to pool description: T. 16S., R. 31E., SW¼ sec. 27, W½ sec. 34. T. 17S., R. 30E., N½N½ sec. 11 (Suppl. #3, 5) Change Prod. Form: G-SA
Young	(29)	Add new pool: T. 18S., R. 32E. N½ sec. 20 (Prod. Form: Q, Suppl. #2)

#1
of
3 pages

List of Corrections for Exhibit A to Order No. 588
revised as of 1/1/86 (Includes changes from
Supplements #1, 2, 3, 4 & 5)

Pool		
Artesia	(1)	Insert: NE¼ sec. 23 (T. 18S, R. 27E Suppl. #4)
Black River	(2)	Change: N½ sec. 13 to read N½ sec. 13 (T. 24S, R. 26E) (typographical error)
Blinebry	(3)	Add new pool: T. 22S., R. 38E, W½ sec. 18, all sec. 19 (Prod. Form. B; Suppl. #5)
Brunson	(4)	Add new pool: T. 22S, R. 37E, all sec. 9 (Prod. Form. E; Suppl. #4)
Caprock	(5)	Redefined in full: T. 12S, R. 31E. E½ sec. 36 T. 12S, R. 32E S½ sec. 30, all sec. 31 T. 13S., R. 31E all sec. 1, all sec. 11, N½ sec. 12 T. 13S., R. 32E all sec. 6, N½ sec. 7 (Prod. Form. Q; Suppl. #2, 4, 5)
Cass	(5a)	Add new pool: T. 20S, R. 37E, all sec. 23. (Prod. Form: PE, Suppl. #2, 5)
Daugherty	(6)	Show Prod Form: SA.
Drinkard	(7)	Redefined in full: T. 22S, R. 37E. W½ sec. 14, E½ sec. 15, all secs. 23, 24, 25, 26 T. 22S., R. 38E. all sec. 19, W½ sec. 20, all secs. 29, 30, 31, 32 T. 23S., R. 38E. N½ sec. 5, all sec. 6 (Delete "Yeso" from pool name, Prod. Form: Dr)
Dublin	(8)	Delete "Ellenburger" from pool name
Empire	(8a)	Change NE¼ W½ sec 9 to read NE¼, W½ sec 9 (T. 18S, R. 27E) (typographical error)
Eunice-Monument	(9)	Show Prod. Form.: Q-G-SA
Eunice-West	(10)	Add to pool descrip: NE¼ sec. 23 (T. 21S., R. 34E, Suppl. #3)
Grayburg-Jackson	(12)	Change pool description in T. 17S, R. 31E. to read: S½ sec 7, S½ sec. 8, S½ sec. 9, S½ sec 13, all secs. 14 to 18, incl., N½ sec 19, N½ sec. 20, all secs. 21, 22, 23, N½ sec. 26, N½ sec. 27, N½ sec. 28. (Suppl. #4)
Frew	(11)	Add new pool: T. 17S, R. 30E. All secs. 22 to 27 incl, T. 17S, R. 31E. All secs. 19, 20, 21, 22, 29, 30 (Prod. Form: SR, Suppl. #4)
Harrison	(13)	Add new pool: T. 23S, R. 37E. SW¼ sec. 16, NW¼ sec 21 (Prod. Form: P, Suppl. #5)

List of Corrections (Cont.)

Jones (14) Add new pool: T. 22S., R. 37E. SE1/4 sec. 1, NE1/4 sec. 12
T. 22S., R. 38E. SW1/4 sec. 6, NW1/4 sec. 7
(Prod. Form: Dr, Suppl. #5)

Lovington, West (15) Redefined in full: T. 16S., R. 36E. S1/2 sec. 32, SW1/4 sec. 33
T. 17S., R. 36E. W1/2 sec. 3, all secs. 4 and 5, E1/2, SW1/4 sec. 6, N1/2 sec. 7, N1/2 sec. 8, N1/2 sec. 9.
(Suppl. #2, 3)

Maljamar (16) Add to pool description: T. 17S., R. 31E. S1/2 sec. 13, all secs. 24, 25
add → Eddy & Lea
(Suppl. #5

Paddock (17) Add new pool: T. 22S., R. 37E All secs. 1, 12, 13
(Prod. Form: P, Suppl. #2, 4)

Palmillo (18) Add Prod Form: G.

Pearsall (19) Add new pool: T. 17S., R. 32E., All secs. 26, 32, 33, 34, 35
T. 18S., R. 32E. All secs. 4, 5
(Prod. Form: Q, Suppl. #4)

Penrose-Skelly (20) Add: T. 22S., R. 37E, NE1/4 sec. 7 (Suppl #1)

Premier (21) Delete SR from Prod. Form. SR production is now under Fren pool.

Red Lake (22) Add to pool description: N1/2 sec 28, N1/2 sec. 29, NE1/4 sec. 30
(Suppl. #2, 4)

Rhodes (23) Change N1/2 SE1/4 sec 20 (T. 26S., R. 37E.) to N1/2, SE1/4 sec 20
(typographical error, Suppl #1)

Roberts, West (24) Add new pool: T. 17S, R. 32E. S1/2 sec. 2
(Prod. Form: G, Suppl. #1)

Robinson (25) Add to pool description: T. 16S., R. 31E. E1/2 SE1/4
Change N1/2 SW1/4 sec. 36 to read N1/2, SW1/4 sec 36 (T. 16S., R. 31E)
(Suppl. #1)

Salt Lake (26) Redefined in full: T. 20S, R. 33E. All secs. 7, 18
(Suppl #3, 4)

Skaggs (27) Delete all sec 2-3, T. 20S., R. 37E., now in Caso pool

List of Corrections (cont.)

Square Lake (28) Add to pool description: T.16 S., R.31E, SW1/4 sec 27, W1/2 sec 34
T.17 S., R.30E. N1/2 N1/2 sec. 11
(Suppl. #3, 5) Change Prod. Form: G-SA

Young (29) Add new pool: T.18 S., R.32E. N1/2 sec 20
(Prod. Form: Q, Suppl. #2)

NOTICE FOR PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

Supplement #4

The Oil Conservation Commission as provided by law hereby gives notice of the following hearing to be held at Santa Fe, New Mexico, at 10 A.M., December 8, 1945:

CASE 70

In the matter of the application of the New Mexico Nomenclature Committee for an order revising Order 588 defining fields in these respects: To designate all so-called "fields" defined in said order and in all supplements issued thereunder as "pools". Delete from definition of Grayburg-Jackson pool all of secs. 13, 24 and 25, T. 17 S., R. 31 E., and add to definition of Maljamar pool the S½ sec. 13, all of secs. 24 and 25, T. 17 S., R. 31 E. Delete from Empire pool the SE¼ sec. 19, T. 17 S., R. 28 E., and add to Red Lake pool the SE¼ sec. 19, and NE¼ sec. 30, T. 17 S., R. 28 E. Delete from definition of Skaggs pool all of sec. 23, T. 20 S., R. 37 E, and make the following pool definition: All sec. 23, T. 20 S., R. 37 E., to be known as the Penrod pool, to include oil and gas production from the Pennsylvanian formation found in the Skaggs B-23 well No. 2, SW¼ NW¼ sec. 23 at depths of 7700 to 7725 feet through casing perforations. Delete the word "Yeso" from the name Drinkard-Yeso Pool. Delete the word "Ellenburger" from the name Dublin-Ellenburger pool. Appropriate provision and procedure wherein the Oil Conservation Commission may in its discretion adopt in executive session changes of pool boundaires and designation of new pools upon the recommendation of the New Mexico Nomenclature Committee.

12 16 22 Cross 5a 27 7 8

CASE 71

In the matter of the application of Gulf Oil Corporation for an order fixing an appropriate limiting gas-oil ratio for the Drinkard-Yeso Pool and any extensions thereof.

Given under the seal of said Commission at Santa Fe, New Mexico, on November 21, 1945.

OIL CONSERVATION COMMISSION

BY: (SGD) R. R. SPURRIER,
SECRETARY

SEAL

P. O. Box 997,
Roswell, New Mexico,
December 26, 1945.

Mr. R. R. Spurrier,
Director, Oil Conservation Commission,
P. O. Box 871,
Santa Fe, New Mexico.

Supplement #5

Dear Mr. Spurrier:

This is to inform you that the New Mexico Nomenclature Committee by a majority vote at a meeting held in Hobbs on December 18, 1945, recommends the following pool extensions and new pool definitions in Chaves, Eddy and Lea Counties, as follows:

(5) —— Add to Caprock pool: All sec. 11, N½ sec. 12, T. 13 S., R. 31 E.

(7) —— Add to Drinkard pool: W½ sec. 14, E½ sec. 15, T. 22 S., R. 37 E.

(28) —— Add to Square Lake pool: SW¼ sec. 27, T. 16 S., R. 31 E.

(14) —— Jones pool (new pool): SW¼ sec. 6, NW¼ sec. 7, T. 22 S., R. 38 E., SE¼ sec. 1, NE¼ sec. 12, T. 22 S., R. 37 E. To include production from the Drinkard pay zone only. ~~(See Bulletin No. 23.)~~ See N.M. BUREAU MINES BULL. #23.

(3) —— Blinebry pool (new pool): W½ sec. 18, all sec. 19, T. 22 S., R. 38 E. To include production from the Blinebry pay only. ~~(See Bulletin No. 23.)~~

(13) —— Harrison pool (new pool): SW¼ sec. 16, NW¼ sec. 21, T. 23 S., R. 37 E. To include production from the Paddock pay only.

The extension of the Caprock pool is based on the recent completion of the George P. Livermore, Inc., et al well No. 1 Ohio-State in the NW¼SE¼ sec. 11, T. 13 S., R. 31 E., as an oil well, production being obtained from the Queen formation, 3022' to 3048', the common reservoir of the Caprock pool.

The extension of the Drinkard pool is based on the recent completion of the Rowan Drilling Company, Elliott B-15 well No. 1, NW¼NE¼ sec. 15, T. 22 S., R. 37 E., as an oil well, production being obtained from the Drinkard pay zone, 6445' to 6525', the common reservoir of the Drinkard pool.

The extension of the Square Lake pool is based on the recent completion of the Hoke L. Woodward, well No. 1 Valentine, SW¼SW¼ sec. 27, T. 16 S., R. 31 E., as an oil well, production being obtained from the Grayburg ~~and San Andres~~ formations, the common reservoir of the Square Lake pool.

The definition of the new Jones pool is based on the recent oil discovery in the Drinkard pay zone (see Bulletin No. 23) at depths of 7040' to 7160' in the N. G. Penrose, Inc. well No. 1 Jones, SW¼SW¼ sec. 6, T. 22 S., R. 38 E. The Jones pool is to include production only from the Drinkard pay zone within the lands described. This production is sufficiently removed from the Drinkard pool to warrant a separate pool definition pending further testing of the intervening area.

The definition of the new Blinebry pool is based on the recent oil "completion" in the Blinebry pay (see Bulletin No. 23) at depths of 5560' to 5610' of The Texas Company, well No. 2 Lockhart, NW¼NW¼ sec. 18, T. 22 S., R. 38 E. The Blinebry pool is to include production only from the Blinebry pay within the lands described. In addition to the above oil well, The Texas Company, well No. 1 Blinebry, SW¼SE¼ sec. 19, T. 22 S., R. 38 E., was also completed in the Blinebry pay after plugging back to 5630' as a gas well with small oil production, top of pay 5580', and now shut in.

The definition of the Harrison pool is based on the recent oil discovery in the Paddock pay (see Bulletin No. 23) at depths of 5015' to 5066' in the Amerada Oil Company, well No. 1 P. B. State, SW¼SW¼ sec. 16, T. 23 S., R. 37 E. The Harrison pool is to include production only from the Paddock pay within the lands described.

Very truly yours,

Foster Morrell

FOSTER MORRELL,

Chairman, New Mexico Nomenclature Committee.

cc: Mr. Glenn Staley,
Drawer I, Hobbs, N. M.

Mr. R. L. Boss,
Box 1667, Hobbs, N. M.

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Supplement #4

C

RECOMMENDATIONS BY NEW MEXICO NOMENCLATURE COMMITTEE
FOR ADDITIONS TO POOLS

O

(17) 8. Add to Paddock pool the N½ sec. 1, S½ sec. 12, all of sec. 13, T. 22 S., R. 37 E.

(7) 9. Add to Drinkard pool all of sec. 23, 26, W½ sec. 24, W½ sec. 25, T. 22S., R. 37E., NE¼ sec. 29, all sec. 31, S½ sec. 32, T. 22S., R. 38E., N½ sec. 5, all sec. 6, T. 23S, R. 38E.

P

(5) 10. Add to Caprock pool all of sec. 1, T. 13 S., R. 31 E.

(1) 11. Add to Artesia pool the NE¼ sec. 23, T. 18S, R. 27 E.

(26) 12. Add to Salt Lake pool the N½N½ sec. 7 and S½ sec. 18, T. 20S., R. 33E.

Y

Change from Mal to Ingle Jack. (?) where (15)

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Supplement #4

C O P Y

RECOMMENDATIONS BY NEW MEXICO NOMENCLATURE COMMITTEE FOR NEW POOL DEFINITIONS.

1. All sec. 9, T. 22S, R. 37 E., to be known as the Brunson pool, to include oil and gas production from the Ellenburger formation of Ordovician age found in the Penrose well No. 1, SE¼NW¼ sec. 9, at depths of 8059 to 8089 through casing perforations. (4)

3. All sections 22, 23, 24, 25, 26, 27, T. 17S, R. 30E.; all sections 19, 20, 21, 22, 29 and 30, T. 17S, R. 31 E., to be known as the Fren pool, to include oil and gas production from the Seven Rivers formation of Permian age found in the Friess well No. 1, SW¼SE¼ Sec. 19, T. 17S., R. 31 E., at depths of 1920 to 1980 feet. (11)

4. All sections 26, 32, 33, 34, 35, T. 17S., R. 32E.; all sections 4 and 5, T. 18S., R. 32E to be known as the Pearsall pool, to include production from the Queen formation of Permian age found in the Walker well No. 1, SE¼NE¼ sec. 5, T. 18S., R. 32E, at depths of 3673 to 3694 feet. Production generally is obtained from the "Red Sand" of the Queen formation and is found within this pool at depths ranging from 3300 to 3700 feet, the variations being due to steep dips on the south flank of the major East-West structure through the Maljamar pool. (19)

Yearly M-R: wells to be completed, cased, & produced as a single com. reservoir.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

P. O. Box 997
Roswell, New Mexico
March 7, 1946

TO OIL AND GAS LESSEES AND OPERATORS ON PUBLIC LANDS OF THE UNITED STATES IN LEA, EDDY AND CHAVES COUNTIES, NEW MEXICO.

Order No. 633, Case No. 70, of the Oil Conservation Commission of the State of New Mexico, approved January 15, 1946, defines oil and gas pools in Lea, Eddy and Chaves Counties, New Mexico, effective as of January 1, 1946. Section 6 of the order provides that each pool shall be produced as a single common reservoir and wells shall be completed, cased, maintained and operated to that end. State proration schedules for crude oil production are made separately for each pool.

Wherever crude oil, found on the same leasehold on public lands of the United States in these counties, is obtained from more than one defined pool, the oil production must be physically separated, measured and sold from separate tanks designated for receiving oil produced from specific wells from the separate pools. The separate tanks so designated may be located with other tanks in a single tank battery, but no connections shall be made between tanks for oil from different pools. Separate oil and gas separators, gun-barrels, manifolds or common metering devices shall be used for tanks receiving oil from different pools.

Co-mingling of oil in the same tanks or intermediate connections between wellheads and tanks and estimating production from the different pools is prohibited.

The physical separation of oil from different pools is necessary and desirable among other reasons to obtain proper and adequate records for the determination of oil recoveries from separate common reservoirs and for engineering studies, to obtain benefits of increased oil allowables for pools producing below 5,000 feet, to avoid conflict with the Connally act, and to maintain records that will not cause discontinuance of OPA crude oil subsidies heretofore or hereafter granted in these areas.

The requirements set forth herein as to measurements and sales of crude oil on public lands of the United States shall become effective March 15, 1946, for production in separate pools on the same leasehold developed on or after that date. Lessees and operators having production prior to that date on the same leasehold from more than one separate pool as defined under order No. 633, will be allowed until April 1, 1946, to make necessary changes in well and tank connections.

Foster Morrell
FOSTER MORRELL
Supervisor, Oil and Gas Operations.