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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: Sh Sec. 12 and N $\frac{1}{2}$ Sec. 13 of T. 13S, R. 31E; and S $\frac{1}{2}$ Sec. 7, $W_{\frac{1}{2}}$ Sec. 8, NW $\frac{1}{3}$ Sec. 17, and N= 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 proassigned to the jones pool plus an additional area in which wells pro-ducing from the Drinkard reservoir have been completed, are currently drilling or testing: Sections 20, 21, 20, 27, 28, 29, 32 and the E_2^{\pm} Sec. 30, all in T. 2LS, R. 37E; Sections 1, 5, 8, 12, and the E_2^{\pm} Sec. 13 and the E_2^{\pm} Sec. 16 of T. 22, R. 37E, and the SW2 Sec. 6, the W_2^{\pm} Sec. 7, and the W_2^{\pm} Sec. 18 of T. 225, R. 38E. Extend the Brunson pool to include: N_2^1 Sec. 4, N_4^1 Sec. 15, and NE_4^1 Extend the Blinebry pool to include: SE Sec. 12, and E Sec. 13 of T. 22S, R. 37E, all or Sections 30 and 31 of T. 22S, R. 38E, and Sec. Extend the Justis pool to include: SW Sec. 1 and SE Sec. 2 of T. 6 of T. 235, R. 38E. Define the Bowers pool (new pool) to include: All of Sections 28, 29, 32, and 33 of T. 185, R. 38E. Define the Baish pool (new pool) to include: E_2^1 Sec. 20, all Sec. 21, W2 Sec. 22, and N2 Sec. 28 of T. 175, R. 32E.

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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: $N_2^{\frac{1}{2}}$ sec. 2, and $NE_4^{\frac{1}{2}}$ sec. 3 of T. 175., R. 292.

Extend the Square Lake pool to include: NM_2^1 sec. 3, N_2^1 sec. 4, and N_2^1 sec. 5 of T. 17S., R. 31E.

Extend the Drinkard pool to include: all sec. 33, $E_2^{\frac{1}{2}}$ sec. 35, and $W_2^{\frac{1}{2}}$ sec. 36 of T. 21S., R. 37E., and, the $E_2^{\frac{1}{2}}$ 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 NE_4^1 sec. 11, and NN_4^1 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 S_2^1 sec. 3 and the N_2^2 of sec. 10, all in T. 175., R. 32E.

Add to the definition of the Maljamar Pool all of sec. 33, Define a new pool to be known as the Weir Pool to include the Basec. 22, all of sec. 23, the Warsec. 24, the NWA sec. 25, the NA sec. 26, and the NEA sec. 27, all in T. 20S., R. 37E. T. 17S., R. 33E.

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 $S_2^{\frac{1}{2}}$ sec. 35 and the $S_2^{\frac{1}{2}}$ sec. 36, T. 21S., R. 37E. All of sections 3, 4, 5, 8, 9, and $W_2^{\frac{1}{2}}$ sec. 10, $W_2^{\frac{1}{2}}$ sec. 15, and $N_2^{\frac{1}{2}}$ sec. 16, T. 22S., R. 37E.; the SW4 sec. 31, T. 21S., R. 38E.; and, the $W_2^{\frac{1}{2}}$ sec. 6 and $W_2^{\frac{1}{2}}$ sec. 7, T. 22S., R. 38E.

Add to the definition of Drinkard pool all sec. 34 and W_{2}^{1} Add to the definition of Drinkard pool all sec. 34 and $W_{\overline{2}}^{\pm}$ sec. 35, T. 2LS., R. 37E.; the $W_{\overline{2}}^{\pm}$ sec. 2, all of sections 3, 4, 9, 10, 11, the $W_{\overline{2}}^{\pm}$ sec. 13, the $E_{\overline{2}}^{\pm}$ sec. 14, the $W_{\overline{2}}^{\pm}$ sec. 15, the $E_{\overline{2}}^{\pm}$ sec. 22, and all of sec. 36, T. 22S., R. 37E.; The $E_{\overline{2}}^{\pm}$ sec. 20, T. 22S., R. 38E.; and the $S_{\overline{2}}^{\pm}$ sec. 5, T. 23S., R. 38E. Add to definition of Brunson pool the SWA sec. 3, S_2^1 sec. 4, SEA sec. 5, E_2^1 sec. 8, and the W2 sec. 10, T. 22S., R. 37E. R. 38E.

SUPPLE ATT NO. 1 (offective as of April 1, 1946) to Order 533.

Recombindations of New Parico NormeLature 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 z_2^3 sec. 10, all of secs. 11 and 14, and the $\overline{z_2^3}$ sec. 15, T. 22 S., R. 37 E.

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

Add to definition of Langlie-Mattix pool the S2 sec. 19, T. 23 S., R. 37 E.

Add to definition of West Poberts pool the SW_4^2 sec. 1, N_2^1 sec. 11, and NW_4^2 sec. 12 T. 17 S., R. 32 E.

Add to definition of Lovington pool the \mathbb{H}_2^1 sec. 32, T. 16 S., R. 37 E., and \mathbb{H}_2^1 sec. 5, T. 17 S., R. 37 E.

New pool definitions:

The $S_2^{\frac{1}{2}}$ sec. 26, the $S_2^{\frac{1}{2}}$ sec. 27, and all of secs. 34 and 35, T. 16 S., R. 29 E., to be known as the Forest pool.

The S_2 sec. 31, T. 18 S., R. 32 H., and the N_2 sec. 6, T. 19 S., R. 32 E., to be known as the Watkins pool.

The SEZ sec. 11, the SWZ sec. 12, the NWA sec. 13, and the NEA sec. 14, T. 25 S., R. 37 E., to be known as the Justis pool.

SANTA FE, NEW MEXICO

February 1, 1946

Mr. Roy Yarbrough Oil Conservation Commission Hobbs, New Mexico

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

Re: Case No. 70 - Order No. 633

uent Lomon:

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 MXICO NOMENCLATURE COMMITTEE FOR AN ORDER REVISING ORDER 588 DEFINING FIELDS IN THESE RESPECTS: TO DESIG-NATE 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 S¹/₂ SEC. 13, all of SECS. 24 AND 25, T. 17S., R. 31E. DELETE FROM EMPIRE POOL THE SE¹/₂ SEC. 19., T. 17S., R. 28E., ANI ADD TO RED LAKE POOL THE SE¹/₄ SEC. 19, and NE¹/₄ SEC. AND 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. SW4 NW4 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

Geologist

<u>REGISTER</u>

Lea County Operators

Gulf Oil Corporation

Gulf Oil Corporation

Skelly Oil Company

NAME

Glenn Staley

<u>COMPANY</u>

Potash Company of America, Atty.

ADDRESS

Hobbs, N. M. Roswell, N.M. Carisbad, N.M. Hobbs, N.M. Hobbs, N. M. Hobbs, N. M. Carlsbad, N.M. Los Angeles Los Angeles Bakersfield, Ca Ft. Worth, Texa

Potash Company of America Richfield Oil Corporation

Richfield Oil Corporation

Richfield Oil Corporation

Stanolind Oil & Gas Company

Clarence Hinkle Geo. D. Riggs George W. Selinger Paul C. Evans E. J. Gallagher Harry A. Aurand M. W. Phelan George K. Gibson T. P. Ellsworth Lewis Finch, Jr.

<u>COMPANY</u>

J. O. Seth, Atty. John M. Kelly C. S. Rose G. H. Gray Robert A. Pierce L. W. Lodwick Roy O. Yarbrough Foster Morrell Chuck Aston Robert L. Bates Stanolind Oil & Gas Company Geologist Repollo Oil Company Potash Company of America Independent Oil Conservation Commission U. S. Geological Survey Consulting Geologist State Bureau of Mines & Mineral Resources

ADDRESS

Santa Fe, N.M. Roswell, N. M. Midland, Texas Midland, Texas Carlsbad, N.M. Roswell, N. M. Hobbs, N. M. Roswell, N.M. Artesia, N.M.

Socorro, N.M.

"NOTICE FOR PUBLICATION STATE OF NEW MEXICO CIL 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 St Sec. 13, all of Secs. 24 and 25, T. 17S., R. 31E. Delete from Empire pool the St Sec. 19., T. 17S., R. 28E., and add to Red Lake pool the St Sec. 19, and NEt 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. SWt NWt 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 Du blin-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.

<u>PROCEEDINGS</u>

MR. FOSTER MOREELL: 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

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<u>NAME</u>

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)

Bates, R. L.

Billinger, W. R.

Boss, R. L. (Vice-Chairman)

Gray, Ralph

Knoepfel, R. M.

Lamb, N. R.

Morrell, Foster (Chairman)

Scott, W. E.

Staley, Glenn (Secretary)

Spurrier, R. R. (EX-Officio Member) Ward Building, Artesia, New Mexico

State Bureau of Mines and Mineral Resources Socorro, New Mexico Shell Oil Co., Box 1457, Hobbs, New Mexico Gulf Oil Corp., Box 1667, Hobbs, New Mexico

Stanolind Oil and Gas Co., Box F, Hobbs,N.M. Atlantic Refining Co., Box 808, Carlsbad,N.M. Continental Oil Co., Box CC, Hobbs, N. M. U.S. Geological Survey, Box 997, Roswell,N.M.

Buffalo Oil Co., Box 265, Artesia, N. M. Lea County Operators' Committee, Drawer I, Hobbs, New Mexico

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-

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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

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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 $S_2^{\frac{1}{2}}$ 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 SE[‡] of sec. 19, T. 17S., R. 28E., and add to Red Lake pool the SE[‡] sec. 19 and NE[‡] 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 SE[‡] sec. 19, T. 17S., R. 28E. Two wells have been completed recently in the SE[‡] sec. 19 with production from the Grayburg

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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 SE‡ 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 NE‡ 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, SWINWI 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, SW1NW1 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

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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.

<u>CERTIFICATE</u>

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 MXICO NOMENCLATURE COMMITTEE FOR AN ORDER REVISING ORDER 588 DEFINING FIELDS IN THESE RESPECTS: TO DESIG-NATE 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 S_2^{\pm} Sec. 13, ALL OF DEFINITION OF MALJAMAR POOL THE Street. 13, ALL OF SECS. 24 and 25, T. 17S., R. 31E. DELETE FROM EMPIRE POOL THE SET SEC. 19., T. 17S., R. 28E., AND ADD TO RED LAKE POOL THE SET SEC. 19, AND NET 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 HODUCTION FROM THE PENNSYLVANIAN FORMATION FOUND IN THE SKAGGS B-23 WELL NO. 2. SW4 NW4 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 APPROPRIATE PROVISION AND PROCEDURE WHEREIN THE POOL. 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 MOLICO 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 Bowler, Reporter

-8-

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 feel 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:mom



UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY P. 0. Box 997

Roswell, New Mexico March 7, 1946

Mr. R. R. Spurrier New Mexico Oil Conservation Commission 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 and operators on public lands of the ourced operators in Dea, Budy 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, 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

Your attention is invited to the reference made to this subject in the minutes of the Lee 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 on form NO. U-115 and for a per-acre recovery lighted. The statements 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 tenk battery or a separate tank battery at the convenience and option of

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

Very truly yours, ster 1 10

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

FOSTER MORRELL Supervisor, Oil and Cas Operations.

TIL CONSERVATION COMMISSIC SANTA FE, NEW MEXICO

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 minsographed 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 $S\frac{1}{2}$ 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,

orrell

FOSTER MORRELL Supervisor, Oil and Gas Operations

cc: Mr. Glenn Staley Hobbs, New Mexico Hile in Case 70 - not as an Exhibit but as information as to what wells are producing from certain new underlying or overlying ports

> 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, Pearsell, Brunson, Cass, Drinkard, and Paddock. The tabulation has been prepared so that it would be a convenient reference for the preparation of the provation 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 Nomencleture 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 W Jorrell

FOSTER MORRELL, Chairman Field Nomenclature Committee

ULLY S. Y. R.

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PREN POOL

all stat, 22, 23, 24, 25, 26, 27, T. 17 S., R. 30 S.; all secs. 19, 20, 41. 22. 10, 30. T. 17 S., R. 31 E. Wells producing only from the Seven

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

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RRUNSON POOL

(All sec. 9, 52 S., R. 17 E. Wells producing only from Ellenburger forma-tion as of December 1, 1945.)

FFUROSE, SEVILLE, INC. . 9-22-37 F Jersonsee

CASS POOL

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

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PADDORR POOL

(All closs is 12, 10, 2, 20 S., R. 37 B. Wolls producing only from Paddock pay, upper less forestion, as of December 1, 1945.)

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For COPY

November 17, 1945

Oil Conservation Commission Santa Fe, New Mexico

PETITION

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. Morroll Glenn Staley, Secretary New Mexico Nomenclature Committee

Ce your COPY

November 17, 1945

Oil Conservation Commission Santa Fe, New Moxido

PSTITION

The New Mexico Nomenclature Committee, pursuant to Section 3 of Order No. 538, 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:

- I. 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 S_2^1 sec. 13, all of secs. 24 and 25, T. 17 S., R. 31 E.
- 73. Delete from definition of Skaggs pool all of Sec. 23, T. 20 S., R. 37 E.
- '4. Delete from Empire pool the SE' sec. 19, T. 17 S., R. 28 E.
- 5. Add to Red Lake pool the SE¹/₄ sec. 19, and NE¹/₄ 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 N¹/₂ sec. 1, S¹/₂ sec. 12, all of sec. 13, 7.
 22 S., R. 37 E.
- ·9. Add to Drinkard pool all of secs. 23, 26, W¹/₂ sec. 24, W¹/₂ sec. 25, T. 22 S., R. 37N., NE¹/₂ sec. 29, all sec. 31, S¹/₂ sec. 32, T. 22 S., R. 38 E., N¹/₂ 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.
- -1 1. And to Artesia pool the NEW sec. 23, T. 18 S., H. 27 N.

Recommended new pool definitions:

 All sec. 9, T. 22 S., R. 37 N., 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, SELNW, sec. 9, at depths of 8059 to 8059 through easing 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, SW, MM, 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 formation from which 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.
DIL CONSERVATION COMMISSIC

January 16, 1946

Mr. Clenn 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 mineographed this order please be good enough to send this office several copies.

With kindest personal regards.

Very truly yours,

Chief Clerk & Legal Adviser

RS

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OIL CONSERVATION COMMISSI

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:

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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

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HOLESELLON LOWARE CONSTRUCTION TO ANY ADVICT

IN THE PATTER OF THE IMARING CALLED BE THE OIL CONSERVATION COLLESSION OF THE STATE OF NEM MEXICO FOR THE PURPOSE OF CONSIDERING:

CASE NO. 70

ORDMR NO. 633

THE APPLICATION OF THE NEW DEXICO NOVENCLATURE COMMITTEE FOR AN ORDER REVISING ORDER 588 DEFINING FIELDS IN THESE RESPECTS: TO DESIGNATE ALL SO-CALLED "FIELDS" DEFINED IN SAID ONDER AND IN ALL SUPPLEMENTS ISSUED THEREWIDER AS "POOLS". DELETE FROM DEFINITION OF GRAYBURG-JACKSON FOOL ALL OF SECS. 13, 24 and 25, T. 17 S., R. 31 3., AND ADD TO DEFINITION OF MALJANAR POOL THE ST SEC. 13, ALL OF SECS. 24 AND 25, T. 17 S., R. 31 H. DELETE FROM EMPIRE POOL THE SEA SMC. 19, T. 17 S., R. 25 E., AND ADD TO RED LAKE POOL THE SEZ SEC. 19, AND HEA 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 FOOL, TO INCLUDE OIL AND GAS PRODUCTION FROM THE PENNSYLVANIAN FORMATION FOUND IN THE SKACGS B-23 WELL NO. 2, SWARWA SEC. 23 AT DEPTHS OF 7700 TO 7725 FEET THROUGH CASING FERFORATIONS. DELETE THE WORD "YESC" FROM THE NAME DRINKARD-YESO POOL. DELETE THE WORD "ELLENBURGER" FROM THE MAYE 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 RECOMPENDATION OF THE NEW MEXICO NOMENCLATURE CONSISTER.

ORDER OF THE COLLEISSION

BY THE COLDIESSICH:

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

NCM, on this 15 th day of family, 1946, the Commission having before it for consideration the testimony adduces at the hearing of said case and being fully advised in the provises;

TH IS CHERRIFORD ORDERED:

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

560F108 2. That the order herein is not intended to change the tas-oil . ratio lititations of any existing promation unit under any existing applicable tas-oil ratio order; nor is the order herein intended to change the promation plan or system of any existing promation unit under any existing promation order. SACTOR 3. That within the discretion of the Commission by appropriate action in its executive session, upon recommendation of the New hexico Homenelature Consister, 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 offective 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 polathonor's application asking that the Commission: "Delete from maptre pool the SE, sec. 19, T. 17 S., R. 28 E., and add to ded Lake pool the SE, sec. 198388 T. 17 S., R. 28 E.

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

.CM CO.2115STON PSEY, CHAIRMAN

John G. Melos, Melber

R. R. SPURISE, SECRETARY.

SEAL

DEFINITIONS OF OIL AND DAS POOLS CHAVES, EDDY, AND L'A COUNTIES, NEW MEXICO

Recommended by the New Mexico Nomenclature Committee

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Revised as of January 1, 1946

PCOL	PROD. FORM	COUNTY		DESCRIPTION
	10.01	000000		
Anderson	G	Eddy	T. 17 S., R. 29 E.	$S_{2}^{\frac{1}{2}}$ sec. 1, $S_{2}^{\frac{1}{2}}$ sec. 2, $S_{2}^{\frac{1}{2}}$ sec. 3, all secs. 11, 12, $N_{2}^{\frac{1}{2}}$ sec. 13, $N_{2}^{\frac{1}{2}}$ sec. 14
			t. 17 s., r. 30 e.	SW1 sec. 6, 時 sec. 7
Arrowhead	G	Lea	т. 21 S., н. 36 Е.	All secs. 24, 25, 26, 12 sec. 34, all secs. 35, 36
			T. 22 S., R. 36 E.	All secs. 1, 2, E ¹ / ₂ sec. 3, all secs. 11, 12, 13, 14, 24
			T. 22 S., R. 37 E.	W_2^1 sec. 6, W_2^1 , SE ¹ sec. 7, all secs. 18, 19
Artesia	G	Eddy	T. 17 S., R. 28 E.	S_{2}^{1} sec. 32, S_{2}^{1} sec. 33, S_{2}^{1} sec. 34, S_{2}^{1} sec. 35
		~	T. 18 S., R. 27 E.	SEA sec. 1, SEA sec. 11, all secs. 12, 13, Ea sec. 14, NEA sec. 23, Ea, NA
			T. 18 S., R. 28 E.	sec. 24, $E_2^{\frac{1}{2}}$ sec. 25, $E_2^{\frac{1}{2}}$ sec. 36. W ¹ / ₂ sec. 2, all secs. 3, 4, 5, $E_2^{\frac{1}{2}}$, SW ¹ / ₂ sec. 6, all secs. 7, 8, 9, 10, W ¹ / ₂ sec. 11, all secs. 15 to 22, incl. and 27
			T. 19 S., R. 23 E.	to 34, incl. All secs. 3, 4, 5, N_2^1 sec. 6, M_2^1 sec. 9, all sec. 10
Atoka	SA	Eddy	T. 18 S., R. 26 E.	E2 sec. 15
Barber	Y	Eddy	T. 20 S., R. 30 E.	S_2^1 sec. 17, all sec. 20
Benson	Y	Eddy	T. 19 S., R. 30 E.	All sec. 16
Black Rive: (abandoned		Eddy	T. 24 S., R. 26 E.	NM_{1}^{1} sec. 13, NE_{4}^{1} sec. 14
Blinebry	В	Lea.	r. 22 S., R. 38 N.	W_{2}^{1} sec. 18, all sec. 19
Brunson	30 30	Lea	T. 22 S., R. 37 R.	All sec. 9
Burton	у	Eddy	T. 20 S., R. 29 E.	Ng sec. 8

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POOL	PRCD. FORM.	COUNTY	DESCRIPTION
Caprock	5	Chaves & Lea	T. 12 S., R. 31 E. $E_{\overline{2}}^{1}$ sec. 36 T. 12 S., R. 32 E. S ₂ sec. 30, all sec. 31 T. 13 S., R. 31 E. All sec. 1, all sec. 11, $N_{\overline{2}}^{1}$ sec. 12 T. 13 S., R. 32 E. All sec. 6, $N_{\overline{2}}^{1}$ sec. 7
Cass	PE	Lea	T. 20 S., R. 37 E. All sec. 23
Cave (abandoned)) G	Eddy	T. 17 S., R. 29 E. SEZ sec. 8, SWZ sec. 9, NWZ sec. 16, NEZ sec. 17
Comanche	SA	Chaves	T. 11 S., R. 26 E. N_2^1 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. W_2^{\perp} sec. 2, all secs. 3 & 4, N_2^{\perp} sec. 9, all sec. 10, W_2^{\perp} sec. 11, SW_4^{\perp} sec. 13, all secs. 14, 15, 22, 23, N_2^{\perp} sec. 24, W_2^{\perp} sec. 25, all secs. 26, 27, 34, 35, W_2^{\perp} 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. SW‡ sec. 6, W\$ sec. 7, W\$ sec. 18, W\$ sec. 19, W\$ sec. 30, all sec. 31, SW\$ sec. 32
Corbin	Q	Lea	T. 18 S., R. 33 E. E. sec. 9, W2 sec. 10
Culwin	Q	Eddy	T. 19 S., R. 31 E. N_2^2 sec. 6
Daugherty	SA	Eddy	T. 17 S., R. 27 E. All sec. 3
Dayton	G	Eddy	T. 18 S., R. 26 E. S ¹ / ₂ sec. 23, S ¹ / ₂ sec. 24, all secs. 25, 26, N ¹ / ₂ sec. 35
Dayton, Ea	ast 0		T. 18 S., R. 27 E. MM sec. 29
E. inkard	ĎR	Lea	 (T. 22 S., R. 37 H. W¹/₂ sec. 14, E¹/₂ sec. 15, all secs. 23, 24, 25, 26 T. 22 S., R. 38 H. All sec. 19, W¹/₂ sec. 20 All secs. 29, 30, 31, 32 T. 23 S., R. 38 N. N¹/₂ sec. 5, all sec. 6
		Z	T. 22 S., R. 38 S. All sec. 19, W2 sec. 20
			T. 23 S., R. 38 E. No sec. 5, all sec. 6
Dublin	Е		2. 26 S., R. 37 %. All secs. 11, 12, 13, 14
Eaves	Y - SP	Lea	P. 26 S., R. 36 E. All secs. 12, 13, 24, 25 T. 26 S., R. 37 E. M ¹ ₂ sec. 7, all secs. 18, 19, SM ¹ ₂ sec. 20, M ¹ ₂ sec. 29, all secs. 30, 31, M ¹ ₂ sec. 32

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DESCRIPTION

POOL	PROD. FORM CO	URTY	all sec. 8
Eighty- Four Draw Empire	G Y-C-SA	kgqà Fes	 T. 21 S., R. 38 E. All sec. 8 T. 17 S., R. 27 E. S. sec. 13, all secs. 24, 25, E. 34, sec. 26, S. sec. 33, all secs. 34, sec. 26, S. sec. 33, all secs. 34, sec. 35, 36 T. 17 S., R. 28 E. S. sec. 18, all sec. 19, W. sec. 30 T. 18 S., R. 27 E. N. S. Start sec. 2, all secs. 3, 4, 5, E. S. sec. 6, E. sec. 7, all sec. 8 NE, W. sec. 9
Funic	e- Q-G-SA aent	Tea	T. 19 S., R. 36 E. E sec. 12, all secs. 19, T. 19 S., R. 37 E. All secs. 7, 8, W2 sec. 9, W2 sec. 16 All secs. 7, 8, W2 sec. 9, W2 sec. 16 All secs. 17, 18, 19, 20, 21 All secs. 17, 18, 19, 20, 21 Solve to 34 incl. Solve to 27, all secs. 28 to 34 incl. Solve to 27, all secs. 28, 10, 11, 12, 13, 14 All secs. 1, 2, 3, 10, 11, 12, 24, 25, 26,
			T. 20 S., R. 37 E. T. 20 S., R. 37 E. T. 21 S., R. 35 F. T. 21 S., R. 36 E. T. 22 S., R. 36 E. T. 22 S., R. 36 E. T. 21 S., R. 37 E. T. 21
	gunice; South	SR	Lea T. 21 S., R. 35 E. T. 21 S., R. 35 E. T. 21 S., R. 36 E. T. 22 S., R. 35 E. T. 22 S., R. 35 E. T. 22 S., R. 36 E. T. 25 S., R. 36 E. T. 25 S., R. 36 E. T
	Eunice, West Fenton Tren	Y D SR	 34, Mild Sec. 33 35, R. 34, H. Ele Sec. 12, all Sec. 13, Ele Sec. 14, NEW Sec. 23, NE Sec. 24. NEW Sec. 23, NE Sec. 24. NEW Sec. 23, NE Sec. 311 Sec. 24. NEW Sec. 35 35, R. 35 E. Sle Sec. 6, all Sec. 34. NE Sec. 37, 18 36, R. 30 E. All Sec. 15 36, R. 30 E. All Sec. 22 to 27 incl. 37, 17 S., R. 30 E. All Sec. 19, 20, 21, 22, 29, 30 36, R. 31 E. All Sec. 19, 20, 21, 22, 29, 30

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POOL	PROD. FORM	COUNTY		DESCRIPTION
Getty	Y	Eddy		SW: sec. 13, SE: sec. 14, E: sec. 23, W: sec. 24, NM: sec. 25, NE: sec. 26
Grayburg- Jackson	SA	Eddy	~	S $_{2}^{1}$ sec. 13, S $_{2}^{1}$ sec. 14, all secs. 20 to 29, incl., N $_{2}^{1}$ sec. 32, N $_{2}^{1}$ sec. 33, N $_{2}^{1}$ sec. 34, N $_{2}^{1}$ sec. 35.
			T. 17 S., R. 30 E.	$S_{2}^{\frac{1}{2}}$ sec. 12, all secs. 13, 14, 15, 16, 17, $S_{2}^{\frac{1}{2}}$ sec. 18, all secs. 19, 20, 21, $N_{2}^{\frac{1}{2}}$ sec. 22, $N_{2}^{\frac{1}{2}}$ sec. 23, $N_{2}^{\frac{1}{2}}$ sec. 24, $N_{2}^{\frac{1}{2}}$
			T. 17 S., R. 31 E.	sec. 29, all sec. 30. $S_2^{\frac{1}{2}}$ sec. 7, $S_2^{\frac{1}{2}}$ sec. 8, $S_2^{\frac{1}{2}}$ sec. 9, $S_2^{\frac{1}{2}}$ sec. 13, all secs. 14 to 18, incl., $N_2^{\frac{1}{2}}$ sec. 19, $N_2^{\frac{1}{2}}$ sec. 20, all secs. 21, 22, 23, $N_2^{\frac{1}{2}}$ sec. 26, $N_2^{\frac{1}{2}}$ sec. 27, $N_2^{\frac{1}{2}}$ sec. 28.
Hale (gas only)	T)	Eddy	T. 20 S., R. 30 E.	SW_4^2 sec. 12, NW_4^2 sec. 13
Halfway	Y	Lea	T. 20 S., R. 32 E.	S ¹ / ₂ sec. 9, all sec. 16
Hardy	G	Lea	T. 20 S., R. 38 E. T. 21 S., R. 36 E.	All sec. 36 All sec. 31 Lots 1, 2, 7, 8, 9, 10, 15, 16, sec. 1 All secs. 5, 6
Harrison	Ρ	Lea	T. 23 S., R. 37 E.	SW1 sec. 16, NW2 sec. 21
Henshaw	SA	Eddy	T. 16 S., R. 30 E.	All sec. 13
High Lonesome	Q	Eddy		SW $\frac{1}{4}$ sec. 16, S $\frac{1}{2}$ sec. 17, N $\frac{1}{2}$ sec. 20, NW $\frac{1}{4}$ sec. 21
High Lonesome, South	G	Eddy	T. 17 S., R. 28 E.	S_{2}^{1} sec. 31, S_{2}^{1} , N_{2}^{1} sec. 32, all sec. 33 NE ¹ / ₂ sec. 1 N ¹ / ₂ sec. 4, N ¹ / ₂ sec. 5, N ¹ / ₂ sec. 6
Hobbs	SA	Lea	T. 18 S., B. 37 E. T. 18 S., R. 38 E.	All secs. 13, 14, 23, 24, 25, 36 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. T. 22 S., R. 38 E.	SEA sec. 1, NEA sec. 12 SNA sec. 6, NNA sec. 7

-4-

			DESCRIPTION
PCOL	PROD. FORM	COUNTY	23 S., R. 36 E. All sec. 25, Ed sec. 26, Ed sec. 35,
Langlie- Nattix	SR-Q	T . T . T .	23 S., R. 36 E. All sec. 23, 22 all sec. 36 23 S., R. 37 E. $S_2^{\frac{1}{2}}$ sec. 28, all secs. 29 to 34, incl. 24 S., R. 36 E. All sec. 1, all sec. 12, NE ₁ sec. 13 24 S., R. 37 E. All secs. 2 to 11, incl., 14, 15, 16, 17, 13, E ¹ ₂ sec. 19, all secs. 20, 21, 17, 13, E ¹ ₂ sec. 19, all secs. 20, 21, 22, 23, 26, 27, 28, 29, E ¹ ₂ sec. 30, E ¹ ₂ 22, 23, 26, 27, 28, 29, E ¹ ₃ sec. 6, all sec. 31, all secs. 32, 33, 34, 35. sec. 31, all secs. 32, 33, 34, 35. sec. 14, 15, 16, 17, E ¹ ₂ sec. 19, all secs. 14, 15, 16, 17, E ¹ ₂ sec. 19, all sec. 20, 21, 22, 23, W ¹ ₂ sec. 24, W ¹ ₂ sec. 32, N ¹ ₂ sec. 33, N ¹ ₂ sec. 34, all sec. 32, N ¹ ₂ sec. 36
			sec. 32, No sec. 39, 42 sec. 35, W2 sec. 36 T. 26 S., R. 37 E. NW4 sec. 1, NE: sec. 2
			n 2/ F. Va sec. 14
Lea	Y	Lea	T. 20 S., M P. 14 St sec. 15, St sec. 16, No
Leo	G	Eddy	1. 18 b., 11 sec. 21, all seco. my
Toco H	ills G	Eddy	T. 17 S., R. 29 E. $S_2^{\frac{1}{2}}$ sec. 31, $S_2^{\frac{1}{2}}$ sec. 32, $S_2^{\frac{1}{2}}$ sec. 33, $S_2^{\frac{1}{2}}$ sec. 34, $S_2^{\frac{1}{2}}$ sec. 35, all sec. 36 T. 17 S., R. 30 E. $S_2^{\frac{1}{2}}$ sec. 29, all secs. 31 & 32 T. 18 S., R. 29 E. All secs. 1 to 18, incl. T. 18 S., R. 20 F. All secs. 5, 6, 7, 18
Lovin	gton SA	Lea	T. 18 S., R. 36 E. $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 25, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 26, all secs. T. 16 S., R. 36 E. $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 30, all sec. 31 T. 16 S., R. 37 E. $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 30, all sec. 31 T. 17 S., R. 36 E. All secs. 1 & 2, $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 12 T. 17 S., R. 37 E. All sec. 6, $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 7 T. 17 S., R. 37 E. All sec. 6, $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 7
Lovi West	ngton, SA	Lea	T. 16 S., R. 36 E. S ¹ / ₂ sec. 32, SW ¹ / ₄ sec. 35 T. 17 S., R. 36 E. W ¹ / ₂ sec. 3, all secs. 4 and 5, E ¹ / ₇ , SW ¹ / ₄ sec. 6, N ¹ / ₂ sec. 7, N ¹ / ₂ sec. 8, N ¹ / ₂ sec. 9
		Lea	T. 19 S., R. 32 E. Sz sec. 21, N2 sec. 28
	, East Y	m 10	T. 19 S., R. 31 E. All sec. 24 T. 19 S. R. 32 E. M_2^2 sec. 19
Lusi	к Y	Lea	T. 19 S., H. 2^{2} D. 12^{2}
Lus	k, West Y	EqqA	1. 19 0., and a charge 27, all sec. 34, SW sec. 35
L 'AL		Lea	T. 21 S., R. 33 E. NE sec. 1, all sect a
Ly	nch, North Y	Lea	T. 20 S., R. 34 E. E. sec. 18

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PCOL	Prod. FORM.	COUNTY	,	DESCRUPTION
Maljamar	G-SA	Eddy & Lea	T. 17 S., R. 31 E. T. 17 S., R. 32 E.	S_2^1 sec. 13, all secs. 24, 25 S B_4^1 sec. 8, S_2^1 sec. 9, S_2^1 sec. 14, all secs. 15 to 36, incl.
			T. 17 S., R. 33 E.	All sec. 19, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 20, $SW_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 21, $W_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 28, all secs. 29, 30, $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 31, $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 32
		•	T. 18 S., R. 32 E.	All secs. 4, 5
Maljamar, North	G	Lea	T. 17 S., R. 32 E.	SW_{1}^{1} sec. 5, SW_{2}^{1} sec. 6, NE_{2}^{1} sec. 7, NW_{1}^{1} sec. 8
Maljamar, South	G-SA	Lea	T. 18 S., R. 32 E.	SH_{1}^{1} sec. 14, S_{2}^{1} sec. 15, all sec. 22, W_{2}^{1} sec. 23
Mattix (S	See Langli	ie-Mattix)		
McMillan	SA	Eddy	T. 19 S., R. 27 E.	E_{2}^{1} sec. 31
Monument	(See Euni	ice-Monument))	
· Paddock	Р	Lea	T. 22 S., R. 37 E.	All secs. 1, 12, 13
Palmillo (abandoneo	0 1)	Eddy	T. 18 S., R. 29 E.	S ¹ / ₂ sec. 30
PCA	Y	Eddy	T. 20 S., R. 30 E.	S_{2}^{1} sec. 10, all sec. 15
Pearsall	ð	Lea	T. 17 S., R. 32 E. T. 18 S., R. 32 E.	All secs. 26, 32, 33, 34, 35 All secs. 4, 5
Penrose- Skelly	Q- G	Lea	T. 21 S., R. 36 E. T. 21 S., R. 37 E.	\mathbb{E}_{2}^{1} sec. 13 S $\frac{1}{2}$ sec. 7, S $\frac{1}{2}$ sec. 8, S $\frac{1}{2}$ sec. 16, all secs. 17, 18, \mathbb{E}_{2}^{1} sec. 19, all secs. 20,
•				21, 27, 28, 29, E_2 sec. 30, E_2^1 sec. 31, all secs. 32, 33, 34, 35
		•	T. 22 S., R. 37 E.	All secs. 2, 3, 4, 5, E_2^1 sec. 6, NE_4^1 sec. 7, all secs. 8, 9, 10, 11, 14, 15,
			·	16, E_2 sec. 17, E_2 sec. 20, all secs. 21, 22, 23, 26, 27, 28, E_2 sec. 29, all
			T. 23 S., R. 37 E.	secs. 32, 33, 34, W2 sec. 35 W2 sec. 2, all secs. 3, 4, 5, 6, 7, 8, 9, 10, W2 sec. 11, W2 sec. 14, all secs. 15, 16, 17, 18, N2 sec. 19, N2 sec. 20
Premier	6	Eddy	T. 17 S., 8. 30 D.	S_2^1 sec. 22, S_2^1 sec. 23, S_2^1 sec. 24, all
			T. 17 S., R. 31 E.	secs. 25, 26, 27, 28, 33, 34, 35, 36 Sheet 19, Sheet 20, all secs. 29, 30, Nh sec. 31

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PCOL	PROD.	COUNTY	DESCRIPTION
Red Lake	FORM.	Eddy	T. 17 S., H. 23 E. SW_2^1 sec. 2, S_2^1 sec. 3, all secs. 4, 5, 3, 9, 10, W_2^1 sec. 11, W_2^1 sec. 14, all secs. 15, 16, 17, 20 to 26, incl., N_2^1 sec. 27, N_2^1 sec. 28, N_2^1 sec. 29, N_2^1 sec. 30
Bhodes	Y	Lea	T. 26 S., R. 37 E. All secs. 4, 5, 6, E; sec. 7, all secs. 8, 9, 5; sec. 10, all secs. 15, 16, 17, N; SE; sec. 20, all secs. 21, 22, 5; sec. 23, all secs. 26, 27, 28, 34, 35
Roberts	G	Lea	T. 17 S., R. 33 E. S_2^2 sec. 6, N_2^1 sec. 7
Roberts,	G	Lea	T. 17 S., R. 32 E. S. sec. 2
West Robinson	G-SA	Eddy & Lea	T. 16 S., R. 31 W. S sec. 25, ESE sec. 34, all sec. 35, N2, SW sec. 36 T. 16 S., R. 32 E. SW sec. 30, NM sec. 31
Russell	Ŷ	Eddy	T. 20 S., R. 28 E. S. sec. 12, all secs. 13, 14, 23, 12 sec. 24
Salt Lake	e Y	Lea	T. 20 S., R. 33 E. All secs. 7, 18
San Simon		Lea	T. 21 S., R. 35 E. SE sec. 32, SW sec. 33 T. 22 S., R. 35 E. NW sec. 4, HE sec. 5
Scanlon	T v)	Eddy	T. 20 S., B. 29 H. SW} sec. 29, SE sec. 30
(gas only Shugart	Y-Q	Eqqà	T. 18 S., R. 31 E. S ¹ sec. 34, SW sec. 35 T. 19 S., R. 31 E. IW sec. 2, N2 sec. 3
Shugart, North	Ĵ,	Eqdà	T. 18 S., R. 31 E. So sec. 8, So sec. 9, So sec. 10, So NEW Sec. 11, Wo sec. 12, NW sec. 13, No sec. 14, all secs. 15, 16, 17, 18, 20, 21, No sec. 22, No sec. 28, No sec. 29.
Skaggs	SA	Lea	T. 20 S., R. 37 E. All secs. 24, N2 sec. 25 T. 20 S., R. 38 E. All sec. 19, N2 sec. 30

Skelly (See Penrose-Skelly)

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PCOL	PROD. FORM.	COULTY	DESCRIPTION
Square Lake		Eddy	T. 16 S., R. 30 E. Sh sec. 24, all secs. 25, 26, 27, Sh sec. 28, Sh sec. 32, all secs.
			T. 16 S., R. 31 E. Solve the second
			W_2^2 sec. 34T. 17 S., R. 30 X.All secs. 1, 2, 3, 4, E_2^1 sec. 5, $N_2^1 N_2^2$ sec. 11
			T. 17 S., R. 31 E. N2 sec. 6
Tonto	SR	Lea	T. 19 S., R. 33 E. No sec. 22, We sec. 23
Turkey Tr		Eddy	T. 18 S., R. 29 E. S sec. 34, SW sec. 35 T. 19 S., R. 29 E. W2 sec. 2, all sec. 3, N_2^1 sec. 10, NW sec. 11
Young	Q	Lea	T. 18 S., R. 32 E. N ¹ / ₂ sec. 20
Young Vacuun	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
PENENSILVANTAN	PE.
BLIENBURGER	E

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Exhibit A" Gase 10

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20 2 Alexandry of eil and gas in formations of Pennsylvenian and 20 2022 - a signatural conditions or areas of accumulations of which 20 2022 - a signatural conditions or areas of accumulations of which 20 2022 - a structures and accumulations controlling Versian production, 21 202 development of production from Fermian formations which includes are 22 accompletions extending into more than one defined field, has necessitated 23 accompletions to for the new Mexico Oil Conservation Completion and in 24 accompletions of Procedure for the New Mexico Field Momenclature Com-

It as a supplied that so far as perceible all sit and ges stor a produced, measured, and recorded separately. Is findd is finities, constants reconcended by the Field Monenelature Conclass and approved by the Oil Conservation Consission scan developed and gesections are approved by the field into more than one field and the records of the start propriates are divided by fields.

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• Ludos , et allo order localetore desplites shall be composed the cart dividently facilitar with oil and gas operations in Chares, divide the dividently facilitar with oil and gas operations in Chares, divide the object of the factor of the factors shall be objected by the the divide of each calcular year, divide a divide of the local cumby Operators' Coardba the divide of the local cumby Operators' Coardba divide and shall divide divide of all actions the divide divide of all actions the divide divide of all actions the divide divide of the Coardbace for the complete the the divide divide and shall divide divide divide divide divide divide divide and shall divide di divide di divide divide di divide di divide divide divide

Monday is an outline of a set of working principles which by the Nomenclature Completes in reconvending names and boundar-

A, Pool Names

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t. A subled have will be sought from the reconnuissance and skewation map by W. B. Lang.

2. Or, the sume of the fee owner of the land on which the Florence, it will be mode

je je se, de la elektry of a servicible name from the above grant of the received ab our dens

as a condition of the perception shall be to define pool bounderies contained only the productive area present in any recognized productions or some on proup of such forcations or sones

suc handers a contraction of crude paradests oil or material set, or both, which should be drilled, eased and parameters at a simple correspondence.

a complete the problem is boundary separating two pools as in the annual of collected in the physical character of the productop for carl of lucteon pools, the countries shall place the area of grantice is these path of the is indicated to be more closely related on which has similar reservel. characteristics.

The scale extend of each pool shall in general be limited to not the scale beautone mile beyond developed limits of production. Generc the unbouchoped screage between pools will be doft undefined to popult adjustment of pools boundaries as future development contants.

is hubble design that production from each designated pool be measured, reported a 12 recorded separately from other production.

C - General

According to the matrix contribute by the Mononelature Constitute for and end with the state of an yeaks or pools extensions as new proanental for an accord entries for boundaries of defined pools. Such any models will be rade as now as precipited after conanticle for according to the table as now as precipited after conanticle for according to the table of the constitutes shall be based at a sign for were at the botal membership. The New Maxice 011 at a sign for were at the botal membership. The New Maxice 011 at a sign for were at the Santa Fe shall be informed by the manual of the majority at the according of the majority at it is a subtime for the to block at an anone action.

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NEW Sector DP

Shall 011 do., dox 1497, Hobbs, New Fexico. Ond 2 011 doing, Box 1667, Hobbs, New Hoxido. Skinghlad dil and Gas Ga., Box F, Hobbs, New Baated. Adlancia Refining Ga., Box 809, Garisbad, New Harido. Gontinental 011 Co., Box 60, Bobbs, New Mexico. U. S. Geological Survey, Box 997, Reswell, New Harido.

Buffalo Oil Co., Dox 265, Artesia, New Vexico.

Les Goardy Operators! Corribteo, Brewer I; Norma, New Soulco.

- 017 Conservation Counterlas, No. 871, Santa Fe, Shut walcou

"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.

IL CONSERVATION COMMISSIC SANTA FE, NEW MEXICO



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.

Vory truly yours,

RRS:NS cc Foster Morrell

Class 70 -

New Mexico Oil Conservation Commission Santa Fe, New Mexico

And

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 yool 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, Secretary New Mexico Field Nomenclature Committee

SOUTHERN UNION GAS COMPANY

80X 1654

SANTA FE, NEW MEXICO

Case 70

December 1, 1945

J. R. COLE Vice Prebident

> 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

oh

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,

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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

Core 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 trul

Glenn Staley

GS/gi

L CONSERVATION COMMISSIO

November 21, 1945

Hobbs Nows-Sun Hobbs, New Mexico

Re: Notice for publication Cases 70 and 71

Gentlemen:

Please publish the enclosed notice once, <u>immediately</u>. 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 COMMISSIC SANTA FE. NEW MEXICO

November 21, 1945

dr. Foster Norrell, Chainman New Mexico Nomenclature Committee Box 997 Roswell, New Maxico

7

Re: Case 70 - New Nexico Nomenclature Committee revision of field definitions order No. 598.

Dear Fosters

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.

Kindost personal regards.

Very truly yours,

Chief Clerk & Legal Adviser

CBL:MS cc Glenn Staley

NOPICS FOR PUBLICATION STATE OF NEW PEXICO OIL CONSERVATION CONMESSION

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 538 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 S_2^1 sec. 13, all of secs. 24 and 25, T. 17 S., R. 31 E. (Delete from Empire pool the SE sec. 19, T. 17 S., R. 28 E., and add to Red Lake pool the SE_{\pm}^{1} sec. 19, and NE₄ 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, SW_{4}^{1} NW₄ 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 d 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 Fool and any extensions thereof.

Given under the seal of said Commission at Santa Fe, New Mexico,

on November 21, 1945.

OIL CONSERVATION CONSERVATION

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

SEAL

November 17, 1945

Oil Conservation Commission Santa Fe, New Mexico

10

PETITION

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. curris.
 - 2. Add to definition of Maljamar pool the $S_{\frac{1}{2}}^{\frac{1}{2}}$ 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.

. Delete from Empire pool the SE⁴/₄ sec. 19, T. 17 S., R. 28 E. and

 $\sqrt{5}$. Add to Red Lake pool the SE¹/₄ sec. 19, and NE¹/₄ 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 N_2^1 sec. 1, S_2^1 sec. 12, all of sec. 13, T. sec. 22 S., R. 37 E.

9. Add to Drinkard pool all of secs. 23, 26, W2 sec. 24, W2 sec. 25, T. 22 S., R. 37 E., NE1 sec. 29, all sec. 31, S2 sec. 32, T. 22 S., R. 38 E., N2 sec. 5, all sec. 6, T. 23 S., R. 38 E.

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

11. Add to Artosia pool the NE_{4}^{1} sec. 23, T. 18 S., R. 27 E.

Recommended new pool definitions: within the

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, SE¹/₄ NN¹/₄ 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 Penceo pool, to include oil and gas production from the Pennsylvanian formation

F-4

found in the Skaggs B-23 well No. 2, SW NW see. 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,

Henn Staley, by Glenn Staley, Secretary, New Mexico Nomenclature Committee.

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November 19, 1945.

porta

Oil Conservation Commission, Santa Fe, New Mexico

e A

PETITION

The New Mexico Nomenolature 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:

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 3. 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, SW1SB1 sec. 19, T. 17 S., R. 31 E. at depths of 1920 to 1980 feet.

All sections 26, 32, 33, 34, 35, T. 17 S., R. 32 B.; all sec-tions 4 and 5, T. 18 S., R. 32 E. to be known as the Pearsall 4. pool, to include production from the Queen formation of Permian age found in the Walker well No. 1, SENDA sec. 5, T. 18 S., R. 32 E. at depths of 3673 to 3694 feet. Production gen-erally is found 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 Bast-West structure through the Maljamar pool.

Respectfully submitted,

Henn Staley by Im. Glonn Staley, Secretary,

New Mexico Nomenclature Committee.

November 17, 1945.

Oil Conservation Commission Santa Fe, New Mexico

PETITION

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,

Staley, by onell

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 common accumulations extending into more than one defined field, has necessitated a revision in the use of the terminalogy of fields and pools of southeastern New Mexico as used in, Order No. 588 of the New Mexico Oil Conservation

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 heretoforerecommended 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 as the New Mexico Field Nomenclature Committee has been revised as of December 1, 1945. PURPOSE

The New Mexico Nomenolature 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, 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 Chaves, Eddy and 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 Merica Namenolature Committee shall be composed inductively for the soft of a get for the elevery Charles of of ten members, at least three members representing operators in Chaves and Eddy Counties, the other members representing operators in Lee 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.

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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.
- 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 dril__d, 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.

State Bureau of Mines & Mineral Resources, Bates, R.L. Socorro, N.M.

Shell Oil Co., Box 1457, Hobbs, N.M. Bollinger, W.R.

Gulf Oil Corp., Box 1667, Hobbs, N.M. Boss, R.L. (Vice-Chairman)

Gray, Ralph

Krcepfel, R.M.

Stanolind O. & G. Co., Box 7, Hobbs, N.M. Atlantic Ref. Co., Bor 808, Carlsbad, N.M. Lamb, N.R. Continental Oil Co., Box CC, Hobbs, N.M. Morrell, Foster U.S. Geological Survey, Box 997, Roswell, N.M. (Chairman) Scott, W.E. Buffalo Oil Co., Box 265, Artesia, N.M. Lea County Operators' Committee, Drawer I,

Staley, Glenn (Secretary)

Spurrier, R.R. (Ex-officio member) Oil Conservation Commission, Box 871, Santa Fe., N.M.

Hobbs, N.M.

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

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

Doar Mr. Spurrier:

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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 $N_2^1N_2^1$ sec. 7 and S_2^1 sec. 18, T. 20 S., R. 33 E. be added to the Salt Lake pool.

The addition of the S_2^1 sec. 18 is to include the recent completion of the Bay Petroleum Corporation State well No. 1, center $NE_4^1SW_4^1$ 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 $N_{\mathbb{R}}^1 N_{\mathbb{R}}^1$ 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.

Verystruly yours,

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 Rriegs Well 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, 135-32E, to be known as the Pearsall Pool, to include production from the Owen formation of Permian Are forms in the Malker Mell No. 1 the Queen formation of Permian Age found in the Walker Well No. 1, SENE 5-185-32E, at depth of 3673 to 3694. Production generally is

obtained from the "Red Sand" of the Queen formation and is found within this real at double service from 2200 to 2000 fort the service to a obtained from the "nea Sand" of the Queen formation and is found within this pool at depth ranging from 3300 to 3700 feet, the variations being due to store doubt on the couth flowly of the major cost west structure unis poor at depun ranging from 2000 to 2700 reat, the variations being due to steep depth on the south flank of the major east west structure

through the Maljamar pool. Phoned Egglowing Stall

II O. QSC. Replication, Transcript, Smill Exhibits, Etc.

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 Pen. ylvanian 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,

OSTER MODER.

FOSTER MORRELL, New Mexico Nomenclature Committee.

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

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

Recommended by the New Mexico Nomenclature Committee

Revised as of January 1, 1946

POOL	PROD. FORM	COUNTY		DESCRIPTION
Anderson	Ģ	Eddy	T. 17 S., R. 29 E.	S ¹ / ₂ sec. 1, S ¹ / ₂ sec. 2, SE ¹ / ₄ sec. 3, all secs. 11, 12, N ¹ / ₂ sec. 13, N ¹ / ₂ sec. 14
			T. 17 S., R. 30 E.	SH2 sec. 6, H2 sec. 7
Arrowheed	G	Lea	T. 21 S., R. 36 E.	All secs. 24, 25, 26, 5 ¹ / ₂ sec. 34, all secs. 35, 36
			T. 22 S., R. 36 E.	All socs. 1, 2, 51 soc. 3, all socs. 11, 12, 13, 14, 24
•			T. 22 S., R. 37 E.	We see. 0, W2, 3E4 see. 7, all secs. 18, 19
Artesia	G	Eddy	T. 17 S., R. 28 K.	St sec. 32, St sec. 33, St sec. 34,
			T. 18 S., R. 27 E.	SE sec. 1, SE sec. 11, all secs. 12, 13, E sec. 14, NE sec. 23, E, NW
	•		T. 18 S., R. 26 E.	sec. 24, E ¹ / ₂ sec. 25, E ¹ / ₂ sec. 36. H ¹ / ₂ sec. 2, all secs. 3, 4, 5, E ¹ / ₂ , SN ¹ / ₄ sec. 6, all secs. 7, 8, 9, 10, W ² / ₂ sec. 11, all secs. 15 to 22, incl. and 27 to 34, incl.
		\subset	T. 19 S., R. 28 S.	All secs. 3, 4, 5, Ng sec. 6, NEg sec. 9, all sec. 10
Atoka	SA	Eddy	T. 18 S., R. 26 E.	E2 sec. 15
Barber	¥	Eddy	T. 20 S., R. 30 B.	S2 sec. 17, all sec. 20
Benson	Y	Eggà	T. 19 5., R. 30 E.	All 800. 16
Black Rive (abandoned		Eddy	T. 2. S., R. 26 E.	1W1 sec. 13, HEL sec. 14
Blinebry	В	Lea	T. 22 S., R. 38 E.	112 sec. 18, all sec. 19
Brunson	E	Lea	T. 22 S., R. 37 E.	All sec. 9
Burton	¥,	Eddy	T. 20 S., R. 29 E.	N ² SOC. 8

Constrainty Constrainty and 2478 Thereases Mapping

T. 12 D., N. JI N. 15 BEC. JO T. 12 S., R. 32 E. S: sec. 30, all sec. 31 T. 13 S., R. 31 E. All sec. 1, all sec. 11, N2 sec. 12 T. 13 S., R. 32 E. All sec. 6, N2 sec. 7 T. 13 S., R. 32 E. All sec. 6, N2 sec. 7 PROD. COUNTY T. 12 S., H. 31 B. B sec. 36 POOL FORM. Chaves Q Caprock Shea T. 20 S., R. 37 E. All 23 T. 17 S., R. 29 E. SEA Sec. 8, SWA Sec. 9, NWA Sec. 16, NBA Sec. 17 1.04 PE CASS Eddy G T. 11 S., R. 26 E. H. sec. 15 (abandoned-T. 23 S., R. 36 E. All secs. 4, 5, 8, 6, 15, 16, 17, 20 21, 22, 27, 28, 33, 14 T. 24 S., R. 36 E. W. sec. 2, all secs. 3 & 4, N. sec. 15, 16, 17, 20, Chaves 9, all sec. 10, W2 sec. 11, SW2 sec.
13, all sec. 10, W2 sec. 11, SW2 sec.
13, all sec. 14, 15, 22, 23, W3 sec.
14, M3 sec. 25, all secs 26, 27, 34,
15, W2 sec. 36
16, 25, 20, 36
17. 25 S., R. 37 E. SW3 sec. 6, H3 sec. 7, W3 sec. 18,
18, S., R. 37 E. SW3 sec. 19, W3 sec. 30, all sec. 31,
18, S., R. 22 r SA Comanche Cooper-Jal Y-SR 1.04 ., R. 33 E. R T. 18/ Ha sec. 6 Lea R. 31 E. corbin T. 19 Eddy A11 sec. 3 St sec. 23, 82 sec. 24, all secs. 25, Q R. 27 E, Culvin <u>4. 17</u> Eddy SA T. 18 S., R. 26 E. Daugherty 26, N2 880. 35 rady 0 Dayton NW3 sec. 29 Wa sec. 14, E2 sec. 15, all secs. 23, T. 18 5, R. 27 E. rddī Dayton, East G 22/3., H. 37 E. 24, 25, 26 Alí sec. 19, Wa sec. 20 T • All Becs. 20, 30, 31, 32 DR T. 22 S., R. 34 P. Drinkard T. 23 S., R. 38 E. Ny soc. 5, all soc. 6 T. 26 S., R. 37 E. All secs. 11, 12, 13, 14 T. 26 S., R. 36 E. All secs. 12, 13, 24, 25 T. 26 S., R. 37 E. Wig sec. 7, all secs. 18, 19, Swig sec. 20, Wig sec. 29, all secs. 30, 31, Lea £ Dublin Lea Y-SR Eaves

DESCRIPTION

-2-

Eighty- Four 0 Lea T. 21 S., R. 38 E. All sec. 8 Draw Empire Y-O-SA Eddy T. 17 S., R. 27 E. S ¹ / ₂ sec. 13, all secs. 24, 25, E ¹ / ₂ sec. 25, 59 sec. 33, all secs. 34, 35, 36 T. 17 S., R. 28 E. S ¹ / ₂ sec. 18, all secs. 34, 45, K ⁵ / ₂ sec. 6, K ⁵ / ₂ sec. 7, all secs. 3, 4, 5, K ⁶ / ₂ sec. 6, K ⁵ / ₂ sec. 7, all secs. 7, 47, 54, 862 Sec. 7, all secs. 13, 23, 24, 25, 26, 77, 34, 35, 36 T. 19 S., R. 37 E. All secs. 17, 18, 19 so, 21 Sumice- Q-O-SA Lea T. 19 S., R. 36 F. E ¹ / ₂ sec. 12, all secs. 9, W ¹ / ₂ sec. 16 All secs. 17, 18, 19 so, 21 Strain Sec. 17, 18, 19 so, 21 Strain Sec. 17, 19, 19, 20, 21 Strain Sec. 22, 21, Secs. 23, 24, 25, 26, 75, 36 T. 20 S., R. 37 E. All secs. 12, 21, 10, 11, 12, 13, 14 Sec. 10 incl. & 15 to 21, 10, 11, 12, 13, 14 Sec. 10 incl. & 15 to 21, 10, 11, 12, 13, 14 Sec. 10 incl. & 15 to 21, 10, 11, 12, 13, 14 Sec. 10, 10, 10, 12, 13, 14 Sec. 10, 10, 10, 12, 13, 14 Sec. 22, 21, 10, 10, 12, 13, 14 Sec. 22, 21, 10, 10, 12, 13, 14 Sec. 22, 21, 10, 10, 12, 13, 14 Sec. 22, 31, 24, 25, 26, 15 T. 20 S., R. 37 E. All sece. 22, all sece. 10, 11, 10, 14 Sec. 10, M ¹ / ₂ sec. 23, 10, 11, 12, 13, 14 Sec. 10, 10, 10, 12, 13, 14 Sec. 10, 10, 10, 12, 13, 14 Sec. 22, 33, 14, 25, 26, 33 T. 21 S., R. 37 E. M ¹ / ₃ sec. 33, 11, 10, 10, 12, 13, 14 Sec. 13, M ¹ / ₂ sec. 24, 27, 30, 18, 28, 27, 33 T. 22 S., R. 35 E. M ³ / ₃ sec. 30 F. 21 S., R. 35 E. M ³ / ₃ sec. 31 T. 22 S., R. 35 E. M ³ / ₃ sec. 31 T. 22 S., R. 35 E. M ³ / ₃ sec. 30, 10, 10, 10, 10, 10, 10, 10, 10, 10, 1	POOL	PROD. Form	COUNTY		DESCRIPTION
 sec. 26, 53 sec. 33, all secs. 34, 35, 36 T. 17 S., R. 28 E. 35 sec. 13, all sec. 9, Wh sec. 30 T. 18 S., R. 27 E. N., 50 sec. 2, all secs. 3, 4, 5, K5 sec. 6, 55 sec. 7, all secs. 8 NEA, Wh sec. 9 Evnice- Q-O-34 Lea T. 19 S., R. 36 E. Et sec. 12, all secs. 13, 23, 24, 25, 26, 27, 34, 35, 36 T. 19 S., R. 37 E. All secs. 7, 14 sec. 9, Wh sec. 16 All secs. 17, 18, 19, 20, 21 St sec. 12, all secs. 12, 3, 10, 11, 12, 13, 14 Sec. 15, 41 secs. 20, 24, 25, 26, 13, 36 T. 20 S., R. 37 E. All secs. 1, 2, 3, 10, 11, 13, 14 Sec. 23, 14, 25, 26, 15, 36 T. 20 S., R. 37 E. All secs. 12, 3, 11 secs. 14, 11 secs. 15, 11 secs. 15, 11 secs. 14, 11 secs. 15, 11 secs. 14, 11 secs. 15, 11 secs. 15, 11 secs. 15, 11 secs. 15, 11 secs. 15 Fren SR Eddy T. 17 S., R. 30 E. All sec. 15 	Four	0	Lea	T. 21 S., R. 38 E.	All sec. 8
T. 17 S., R. 28 E. Sh sec. 16, all secs. 19, Mh sec. 30 T. 18 S., R. 27 E. Mh, Shh sec. 2, all secs. 3, 4, 5, KB sec. 6, Eh sec. 7, all sec. 8 NEA, Mh sec. 9 Sumice- Q-O-SA Leas T. 19 S., R. 36 E. Eh sec. 12, all secs. 13, 23, 24, 25, 26, 27, 34, 35, 36 T. 19 S., R. 37 E. All secs. 7, 6, Mh sec. 9, Mh sec. 16 All secs. 17, 6, Mh sec. 20, 21, 23, 100, 11, 12, 13, 14 F. 20 S., R. 36 E. All secs. 7, 7, 6, Mh sec. 13, 14, 13, 14 F. 20 S., R. 36 E. All secs. 7, 10, 11, 12, 13, 14 F. 20 S., R. 37 E. All secs. 7, 10, 10, 11, 12, 13, 14 F. 20 S., R. 37 E. All secs. 7, 10, 10, 11, 12, 13, 14 F. 20 S., R. 37 E. All secs. 7, 10 T. 21 S., R. 37 E. All secs. 7, 10 Mathematical Structure T. 21 S., R. 37 E. All secs. 7, 10, 11, 12, 13, 14, 15, 12, 13, 14, 16, 18, 18, 26, 23, 13, 11, 100, 18, 18, 20, 23, 11, 100, 11, 100, 18, 18, 20, 23, 10, 11, 100,	Empire	Y-G-SA	Eddy	T. 17 S., R. 27 E.	sec. 26, 52 sec. 33, all secs. 34,
Monument 26, 27, 34, 35, 36 T. 19 S., R. 37 E. All secs. 7, 6, W2 sec. 9, W2 sec. 16 All secs. 7, 18, 19, 20, 21 St secs. 7, 18, 19, 20, 21 St secs. 7, 18, 19, 20, 21 St secs. 7, 118, 19, 20, 21 St secs. 7, 21, 30, 11, 12, 13, 14 Kf secs. 1, 2, 3, 10, 11, 12, 13, 14 Kf secs. 1, 2, 3, 10, 11, 12, 13, 14 Kf secs. 1, 2, 11 secs. 23, 24, 25, 26, T. 20 S., R. 37 E. T. 20 S., R. 37 E. All secs. 1, 2, 3, 10, 11, 12, 13, 14 Kf secs. 1, 21 secs. 23, 24, 25, 26, 31, 24, 33 T. 21 S., R. 37 E. All secs. 24, all secs. 23, 24, 25, 26, 31, 24, 33 T. 21 S., R. 37 E. All secs. 1, 21, 13, 24, Ef sec. 25, T. 21 S., R. 36 E. Sunice, South S. R. 36 E. Sr. T. 21 S., R. 35 E. F. 21 S., R. 35 E. FF sec. 36 T. 22 S., R. 35 E. South T. 22 S., R. 35 E. S. FF sec. 1 T. 22 S., R. 35 E. South T. 21 S., R. 36 E. Mf sec. 31, Mf sec. 32, Mf sec. 30, ME sec. 34, Mf sec. 35 Eunice, Yest Lea T. 21 S., R. 34 E. Ms sec. 22, Mf sec. 35 Eunice, Yest Lea T. 21 S., R. 34 E. Ms sec. 23, Mg sec. 24, T. 21 S., R. 35 E. Sec. 23, Ng sec. 24, T. 21 S., R. 35 E. Sec. 35 Fren <td></td> <td></td> <td></td> <td></td> <td>St sec. 18, all sec. 19, Wh sec. 30 No, SWH sec. 2, all secs. 3, 4, 5, Bh sec. 6, Bh sec. 7, all sec. 8</td>					St sec. 18, all sec. 19, Wh sec. 30 No, SWH sec. 2, all secs. 3, 4, 5, Bh sec. 6, Bh sec. 7, all sec. 8
All sees. 17, 18, 19, 20, 21 37 sec. 7, all secs. 28 to 34 incl. T. 20 S., R. 36 E. All secs. 2, 3, 10, 11, 12, 13, 14 Effect. 15, all secs. 23, 24, 25, 26, 35, 36 T. 20 S., R. 37 E. All secs. 7 to 10 incl. & 15 to 21, Incl., Ms sec. 22, all secs. 29, 30, 31, 34, 33 T. 21 S., R. 36 E. All secs. 1, 12, 13, 24, Eff sec. 25. T. 21 S., R. 36 E. All secs. 1, all secs. 2 to 11, incl. Ms sec. 13, Mf sec. 13, all secs. 14 to 22, incl., MM sec. 23, Wf sec. 31, all secs. 14 to 22, incl., MM sec. 32, Wf sec. 31, all secs. 32, 33, Mf sec. 31, all secs. 34. Eunice, SR South SR Sec. 15, R. 36 E. Mf, Sf sec. 1 T. 21 S., R. 36 E. Mf, Sg sec. 3 T. 22 S., R. 36 E. Mf, Sg sec. 3 T. 22 S., R. 36 E. Mf, Sg sec. 3 T. 22 S., R. 36 E. Mf, Sg sec. 3 Mf sec. 32, Mf sec. 30, NE4 sec. 31, all secs. 4, all secs. 5, 6, 7, 8, 9, Mf sec. 35, all secs. 36, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10			Les		26, 27, 34, 35, 36
T. 20 S., R. 36 E. All sec. 1, 2, 3, 10, 11, 12, 13, 14 Sec. 15, 211 secs. 23, 24, 25, 26, T. 20 S., R. 37 E. All secs. 1 to 10 incl. & 15 to 21, Incl., Ms sec. 22, all secs. 29, 30, 31, 94, 33 T. 21 S., R. 36 E. SN sec. 1, all secs. 2 to 11, incl. Ms sec. 12, MJ sec. 23, Mg sec. 27, all secs. 24, 29, 30, Mg sec. 27, all secs. 24, 29, 30, Mg sec. 31, all secs. 32, 33, Mg sec. 34. Evenice, SR South SR Sec. 1 T. 21 S., R. 36 E. MMA, Si sec. 31 T. 22 S., R. 35 E. Ei sec. 1 T. 22 S., R. 35 E. MA, Si sec. 31 T. 22 S., R. 35 E. Ma sec. 4, all secs. 5, 6, 7, 8, 9, Mg sec. 22, Mg sec. 30, ME4 sec. 31, Mg sec. 32, Mg sec. 4, all sec. 30, ME4 sec. 31, Mg sec. 32, Mg sec. 30, ME4 sec. 31, Mg sec. 32, Mg sec. 4, Ms sec. 32, Mg sec. 4, Ms sec. 34, MM sec. 34, MM sec. 35, Mg sec. 44, MS sec. 36, MM sec. 36, MM sec. 36, MM sec. 36, MM sec. 36, MB sec. 37, 28, 29, Mg sec. 30, ME4 Sec. 31, Mg sec. 32, Mg sec. 30, ME4 Sec. 31, Mg sec. 32, Mg sec. 44, MS sec. 32, Mg sec. 44, MS sec. 34, MM sec. 35, Mg sec. 44, MS sec. 34, MM sec. 32, Mg sec. 44, MS sec. 34, MM sec. 36, MB sec. 36, MB sec. 36, MB sec. 37, Mg sec. 37, Mg sec. 37, Mg sec. 37, Mg sec. 44, MS sec. 36, MB sec. 37, Mg sec. 44, MS sec. 37, Mg sec. 44, MS sec. 37, Mg sec. 44, MS sec. 36, MB sec. 44, MS sec. 36, MB sec. 37, Mg sec. 44, MS sec. 36, MB sec. 37, Mg sec. 44, MS sec. 36, MB sec. 37, Mg sec. 44, MS sec. 44, MS sec. 44, MS sec. 44, MS sec. 55, MB sec. 44, MS sec. 55, MB sec. 44, MS sec. 15 Fren SR Eddy T. 21 S., R. 36 E. All sec. 15 Fren SR Eddy T. 17 S., R. 30 E. All sec. 22 to 27 incl.				T. 19 S., R. 37 E.	All secs. 17, 18, 19, 20, 21
T. 20 S., R. 37 S. All secs 7 to 10 incl. & 15 to 21, incl., M sec. 22, all secs. 29, 30, 31, 32, 33 T. 21 S., R. 35 S. All secs. 1, 12, 13, 24, Ed sec. 25. T. 21 S., R. 36 S. Shid sec. 1, all secs. 2 to 11, incl. Highsec. 13, NJ secs. 23, NJ sec. 27, all secs. 28, 29, 30, NE2 sec. 31, all secs. 32, 33, MJ sec. 34. Bunice, South S. R. 35 F. T. 21 S., R. 35 F. T. 22 S., R. 35 F. Sec. 23, MJ sec. 30, NE2 sec. 31, MJ sec. 27, 28, 29, BJ sec. 30, NE2 sec. 31, MJ sec. 35, NJ sec. 34, NM sec. 35 Funice, West I. Lea T. 21 S., R. 34 F. S. S. S				T. 20 S., R. 36 B.	Ald secs. 1, 2, 3, 10, 11, 12, 13, 14 52 sec. 15, ell secs. 23, 24, 25, 26, 15, 36
T. 21 S. R. 35 S. All mass. 1, 12, 13, 24, E4 sec. 25. T. 21 S. R. 36 E. Sub sec. 1, all secs. 2 to 11, incl We sec. 10, W1 sec. 23, W1 sec. 24, to 12, incl., NM3 sec. 31, all secs. 14 We sec. 10, NM3 sec. 23, W1 sec. 27, all secs. 28, 29, 30, NE3 sec. 31, all secs. 26, 23, 33, W1 sec. 34. Bunice, SR T. 21 S., R. 35 F. B1 sec. 36 South T. 22 S., R. 35 E. B3 sec. 1 T. 22 S., R. 35 E. B3 sec. 15, all secs. 16 to 21, incl., M2 sec. 32, W2 sec. 32, W2 sec. 30, NE3 sec. 31, NM3 sec. 32, W2 sec. 32, W2 sec. 30, NE3 sec. 31, NM3 sec. 32, W2 sec. 32, W2 sec. 33, NM3 sec. 34, NW4 sec. 35 Eunice, Y Lea T. 21 S., R. 34 E. B2 sec. 12, all sec. 13, B3 sec. 14, NS3 sec. 23, N3 sec. 24, T. 21 S., R. 35 E. S2 sec. 6, all secs. 7, 18 Fenton D Eddy T. 21 S., R. 30 E. All sec. 22 to 27 incl.			•	T. 20 S., R. 37 E.	All secs, 3 to 10 incl. & 15 to 21, incl., Az sec. 22, all secs. 29, 30,
South T. 21 S., R. 36 E. NWA, Streec. 31 T. 22 S., R. 35 E. Easec. 1 T. 22 S., R. 35 E. Easec. 15, all secs. 16 to 21, incl., W2 soc. 22, W2 sec. 26 All secs. 27, 28, 29, St sec. 30, NE1 sec. 31, NT sec. 32, N2 sec. 33, N1 sec. J4, NW2 sec. 35 Eunice, Y Lea T. 21 S., R. 34 E. Nest T. 21 S., R. 35 E. S2 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.					All acts. 1, 12, 13, 24, Ed sec. 25. SW2 sec. 1, all secs. 2 to 11, incl HS sec. 13, W2 sec. 13, all secs. 14 to 22, incl., NW2 sec. 23, W2 sec. 27, all secs. 28, 29, 30, NE2 sec. 31, all
Wig soc. 15, all secs. 16 to 21, incl., Wig soc. 22, Wig soc. 26 All secs. 27, 28, 29, 8g sec. 30, NE4 sec. 31, Nig sec. 32, Nig sec. 33, Nig sec. 34, NWig soc. 35 Eunice, Nest Y Lea T. 21 S., R. 34 E. Nig sec. 12, all sec. 13, Nig sec. 14, Nig sec. 23, Nig sec. 24. T. 21 S., R. 35 E. Sig 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.		SR	Iea	T. 21 S., R. 35 E. T. 22 S., R. 35 E.	M, 53 sec. 31 B3 sec. 1
West N34 sec. 23, Ng sec. 24. T. 21 S., R. 35 E. S2 sec. 6, all secs. 7, 18 Fenton D Eddy T. 21 S., R. 28 E. Fron SR Eddy T. 17 S., R. 30 E. All sec. 22 to 27 incl.					Why soc. 15, all secs. 16 to 21, incl., Why soc. 22, Why soc. 26 All secs. 27, 28, 29, 84 sec. 30, NE4 sec. 31, NA sec. 32, NA sec. 33, NA sec.
T. 21 S., R. 35 E. S2 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.		Y	Lea	T. 21 S., R. 34 E.	
Fron SR Eddy T. 17 S., R. 30 E. All sec. 22 to 27 incl.	XADI-A	2 11.	~ 4 •		32 sec. 6, all socs. 7, 18
	renton	Q	Eddy	T. 21 S., R. 28 E.	ALL sec. 15
	Frøn	SR	Eddy		

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POOL	PROD.	
Cetty	FORM COUNTY	
are cy	Y Eddy T. 20 S., R. 29 E. SW: 860, 12	LION
Grayburg- Jackson	SA Eddy T. 17 S., R. 29 E. St sec. 12 of	· · · · · · · · · · · · · · · · · · ·
	T. 17 S., R. 30 E. Si sec. 12, all secs. Ni sec. 22, Ni sec. 23 T. 17 S., R. 31 E. Si sec. 7, Si sec 8, Si 13, all secs. 14 to 18, 19, Ni sec. 20	Ng soc. 24, Ng
Hale T (gas only)	Eddy T. 20 S. D. S. D. S. B. S.	incl., Ng sec. i. 21, 22, 23, Ng sec. 28.
Halfway Y	SWA BEC. 12, NWA BEC. 13	
Hardy G	Lea T. 20 S., R. 32 E. Sa sec. 9, all sec. 16	\bigtriangledown
	T. 21 S. B. 38 E. AN 180 20	1
Harrison P	Lea T. 23 c	5, 16, sec. 1
Henshaw SA High	Eddy T. 16 S. R 20 SW Sec. 19, NW2 Sec. 21	
Lonesome		-
High O Lonesome, South	Hody T. 16 S., R. 29 E. SW2 Sec. 16, St 3ec. 17, N2 NW4 sec. 21	sec. 20,
Hobb s Sa	Image Sec. 21 Image Sec. 21 Image Sec. 21 Image Sec. 31, 52, NE4 Image Sec. 32 Image Sec. 31, 52, NE4 Image Sec. 32 Image Sec. 32 Image Sec. 32 Image Sec. 32	• all sec. 33
Jal (See c	T. 10 c incl. $A11$ secs. 17 to 22, incl.	36
Jones Dr.	Cooper-Jal) Lea T. 22 0	10, 15, 16
	Lea T. 22 S., R. 37 E. SEA sec. 1, NEA sec. 12 T. 22 S., R. 38 E. SWA sec. 6, NWA sec. 7	
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POOL	PROD. FORM	COUNTY	DESCRIPTION
Langlie- Hettix	SR-Q	Loa	 T. 23 S., R. 36 E. All sec. 25, E¹/₂ sec. 26, E¹/₃ sec. 35, all sec. 36 T. 23 S., R. 37 E. S¹/₃ sec. 28, all secs. 29 to 34, incl. T. 24 S., R. 36 E. All sec. 1, all sec. 12, NE¹/₃ sec. 13 T. 24 S., R. 37 E. All secs. 2 to 11, incl., 14, 15, 16, 17, 18, E¹/₃ sec. 19, all secs. 20, 21, 22, 23, 26, 27, 28, 29, E¹/₃ sec. 30, E¹/₃
			 T. 25 S., R. 37 E. All secs. 2, 3, 4, 5, NE¹/₄ sec. 6, all secs. 8, 9, 10, 11, W¹/₂ sec. 13, all secs. 14, 15, 16, 17, E¹/₄ sec. 19, all secs. 20, 21, 22, 23, W¹/₂ sec. 24, W¹/₂ sec. 25, all secs. 26, 27, 28, 29, NE¹/₄ sec. 32, N¹/₅ sec. 33, N¹/₅ sec. 34, all sec. 35, W¹/₅ sec. 36 T. 26 S., R. 37 E. NW¹/₅ sec. 1, NE¹/₅ sec. 2
Lea	Y	Lea	T. 20 S., H. 34 E. Ha sec. 14
Leo	Q	Eddy	T. 18 S., R. 30 E. St sec. 14, St sec. 15, St sec. 16, Nt sec. 21, ell secs. 22, 23
Loco Hills	0	Eddy	T. 17 S., R. 29 E. St ber. 31, St sec. 32, St sec. 33, St sec. 34, St sec. 35, all sec. 36 T. 17 S., R. 30 E. St 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. St sec. 25, St sec. 26, all secs. T. 16 S., R. 37 E. St sec. 30, all sec. 31 T. 17 S., R. 36 E. All secs. 1 & 2, No sec. 11, No sec. 12 T. 17 S., R. 37 E. All secs. 1 & 2, No sec. 11, No sec. 12
Lovington, West	SA	Lea	T. 16 S., R. 36 E. So sec. 32, SW sec. 33 T. 17 S., R. 36 E. We sec. 3, all secs. 4 and 5, E2, SW sec. 6, N2 sec. 7, N2 sec. 8, N2 sec. 9
Lusk, East	Y	Lea	T. 19 S., R. 32 E. S ¹ / ₂ 860. 21, N ¹ / ₂ 860. 28
Lusk	Y	Eddy & Loa	T. 19 S., R. 31 E. All sec. 24 T. 19 S., R. 32 E. Ha soc. 19
Lusk, West	Y	Eddy	T. 19 S., N. 31 E. SE $\frac{1}{2}$ sec. 15, NE $\frac{1}{2}$ sec. 22
Lynch	Y	Lea	T. 20 S., R. 34 E. St sec. 27, all sec. 34, SW1 sec. 35 T. 21 S., R. 33 E. W2 sec. 1, all sec. 2
Lynch, Nort	th Y	Lea	T. 20 S., R. 34 E. Eg sec. 18

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POOL	Prod. Form.	COUNTY	DESCRIPTION
Maljamar	G-SA	Eddy & Lea	T. 17 S., R. 31 E. St sec. 13, all secs. 24, 25 T. 17 S., R. 32 E. SEt sec. 8, St sec. 9, St sec. 14, all secs. 15 to 36, incl.
			T. 17 S., R. 33 E. All sec. 19, 53 sec. 20, SW4 sec. 21, Wa sec. 28, all secs. 29, 30, N2 sec. 31, Na sec. 32
			T. 18 S., R. 32 E. All sees. 4, 5
Maljamar, North	Q	Les	T. 17 S., R. 32 E. SW3 sec. 5, SE3 sec. 6, NE3 sec. 7, NW3 sec. 8
Maljamar, South	0SA	Lea	T. 18 S., R. 32 E. SW1 sec. 14, 32 sec. 15, all sec. 22, W2 sec. 23
Mattix (See Langl	le-Mattix)	
MoMillan	SA	Eddy	T. 19 S., R. 27 E. E. 800. 31
Monument	(See Euro	ice-Monument)	
Paddook	P	Lea	T. 22 S., R. 37 E. All secs. 1, 12, 13
Palmillo (abandone	0 1)	Eddy	T. 18 S., R. 29 E. 51 500. 30
PCA	Y	Eddy	T. 20 S., R. 30 E. Si see, 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=0	Lea	7. 21 S., R. 36 E. Es sec. 13 T. 21 S., R. 37 E. Sz sec. 7, Sz sec. 8, Sz sec. 16, all
			seos. 17, 18, 5 sec. 19, all secs. 20, 21, 27, 28, 29, E sec. 30, E sec. 31,
			ali secs. 32, 33, 34, 35 T. 23 S., R. 37 E. All secs. 2, 3, 4, 5, 5, 5, sec. 6, ME sec. 7, all secs. 8, 9, 10, 11, 14, 15, 16 Fi and 18 Pi and 19
			16, Eg sec. 17, Eg sec. 20, all decs. 21, 22, 23, 26, 27, 28, Eg sec. 29, all secs. 32, 33, 34, Wa sec. 35
			T. 23 S., R. 37 E. Wy sec. 2, all secs. 3, 4, 5, 6, 7, 8, 9, 10, Wy sec. 11, Wy sec. 14, all secs. 15, 16, 17, 18, My sec. 19, Ny sec. 20
Premier	0	Eddy	T. 17 S., R. 30 E. Sh sec. 22, Sh sec. 23, Sh sec. 24, all
			secs. 25, 26, 27, 28, 33, 34, 35, 36 T. 17 S., R. 31 E. Sh sec. 19, Sh sec. 20, all secs. 29, 30, Nh sec. 31

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POOL .	PROD. FORM.	COUNTY	DESCRIPTION
Red Lake	0	Eddy	T. 17 S., R. 28 E. SW2 soc. 2, S2 soc. 3, all secs. 4, 5, 8, 9, 10, W2 sec. 11, W2 soc. 14, all secs. 15, 16, 17, 20 to 26, incl., N2 soc. 27, N2 soc. 23, N2 soc. 29, NE2 soc. 30
Rhodes	Y	Lee	T. 26 S., R. 37 E. All sees. 4, 5, 6, E sec. 7, all sees 5, 9, 35 sec. 10, all sees. 15, 16, 17, N2, SE sec. 20, all sees. 21, 22, S2 sec. 23, all secs. 26, 27, 28, 34, 35
Roberts	0	I.ee.	T. 17 S., R. 33 E. Sh sec. 6, Nh sec. 7
Roberts, West	0	Loa	T. 17 S., R. 32 E. 51 200.2
Robinson	05A	Eddy	T. 16 S., R. 31 E. S sec. 25, ESE sec. 34, all sec. 3
		Lea	T. 16 S., R. 32 K. SW2 sec. 30, NW2 sec. 31
Russell	Y	Eddy	T. 20 S., R. 28 E. B. sec. 12, all secs. 13, 14, 23, W2
Salt Lake	Y	Lea	T. 20 S., R. 33 B. All sees. 7, 18
San Simon	Y	Lea	T. 21 S., R. 35 E.) SE1 sec. 32, SH1 sec. 33 T. 22 S., R. 35 E.) IN 4 sec. 4, NE1 sec. 5
Scanlon (gas only)	Ţ	Eddy	T. 20 S., R. 29 K. SW sec. 29, SE sec. 30
Shugart	I-Q	Eddy	T. 13 S., R. 31 E. S_2^1 sec. 34, SN_2^1 sec. 35 T. 19 S., R. 31 E. NN_2^1 sec. 2, N_2^1 sec. 3
Shugart, North	Q	Eddy	T. 18 S., R. 31 E. Sh sec. 8, Sh sec. 9, Sh sec. 10, Sh, NEA sec. 11, Wh sec. 12, NWH ecc. 13, Nh sec. 14, all secs. 15, 16, 17, 18, 20, 21, Nh sec. 22, Nh sec. 28, Nh sec. 29.
Skagga	SA	Lea	T. 20 S., R. 37 E. All secs. 24, N2 sec. 25

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POOL	PROD. FORM.	COUNTY	DESCRIPTION
Square Lake	G-SA	Eddy	T. 16 S., R. 30 E. St sec. 24, all secs. 25, 26, 27, St sec. 28, Et sec. 32, all secs. 33, 34, 35, 36
			T. 16 S., R. 31 E. St sec. 19, St sec. 20, St sec. 21, SWt sec. 27, all secs. 28 to 33, incl., Wt sec. 34
			T. 17 S., R. 30 K. All sees. 1, 2, 3, 4, 52 sec. 5, Nang sec. 11
			T. 17 S., R. 31 E. N. sec. 6
Tonto	SR	Lea	T. 19 S., R. 33 E. Ez sec. 22, Wy sec. 23
Turkey Trac	ik Q	Fddy	T. 18 S., R. 29 B. St sec. 34, SW1 sec. 35 T. 19 S., R. 29 E. Ht sec. 2, all sec. 3, N2 sec. 10, NW2 sec. 11
Young	Q	Loa	T. 18 S., R. 32 E. W sec. 20
Vacuum	0SA	Lea	T. 17 S., R. 34 S. 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. MI sees. 3, 4, 5, 6, 7
		INDEX	TO PRINCIPAL PRODUCING FORMATIONS -
		Galdhau Windheime	TARSILL T
			YATES Y SEVEN RIVERS SR
			QUERN Q GKAXBURO O
			SAM ANDRES SA PADDOCK P
			BLENEBRY B
			OPINKARD Dr. DR DELAWARE D
			PENNSYLVANIAN Por PE ELLENBURGER E

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OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

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

January 2, 1946

Mr. Glenn Staley Proration Office Nobbs, 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. Norrell 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 COLDUSSION OF THE STATE OF NEW MEXICO FOR THE PURPOSE OF COFSIDERING:

THE PETITION OF THE OPERATORS IN SOUTH-EASTERN 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",

NO", 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 Exnibit 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 provation plan or system of any existing provation unit under any existing provation order—this notwithstanding the change of field boundary lines or the dombination 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 Jinuary production normally carried in the March Provation Schedule shall be shown in the March, 1945, Provation Schedule under the changed field redefinitions herein, and accordingly for subsequent months.

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

BY:

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SEAL

OIL CONSERVATION COMMISSION John J. Dempsey, Chairman John E. Miles, Member John Markettyn Ses.

DEFINITIONS OF OIL & GAS (FILLDS) CHAVES, EDDY, AND LEA COUNTIES, NEW MEXICO

Reconsidended by the New Mexico Field Nomenclature Committee

Revised as of January 1, 1945/946 POOL PROD. FILD FORM COUNTY DESCRIPTION T. 17 S., R. 29 E. $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 1, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 2, $SE_{\frac{1}{4}}^{\frac{1}{2}}$ sec. 3, all G Anderson PA Eddy secs. 11, 12, N¹/₂ sec. 13, N¹/₂ sec. 14 SW1 sec. 6, N_2^1 sec. 7 T. 17 S., R. 30 E. Arrowhead OK G Lea T. 21 S., R. 36 E. All secs, 24, 25, 26, E₂ sec. 34, all secs. 35, 36 T. 22 S., R. 36 E. All secs. 1, 2, E3 sec. 3, all secs. 11, 12, 13, 14, 24 W_2^1 sec. 6, W_2^1 , SE¹/₄ sec. 7, all secs. T. 22 S., R. 37 E. W₂ sec. 6, W₂, SE₄ sec. 7, all secs. 18, 19 S¹/₂ sec. 32, S¹/₂ sec. 33, S¹/₂ sec. 34, SW¹/₄ sec. 35 SE₄ sec. 1, SE¹/₄ sec. 11, all secs, 12, 13, E¹/₂ sec. 14, E¹/₂, NW¹/₄ sec. 24, E¹/₂ sec. 25, E¹/₂ sec. 36 W¹/₂ sec. 2, all secs, 3, 4, 5, E¹/₂, SW¹/₄ sec. 6, all secs. 7, 8, 9, 10, W¹/₂ sec. 11, all secs. 15 to 22, incl. and 27 to 34, incl. Artesia Eddy ' ' G T. 17 S., R. 28 E. T. 18 S., R. 27 E. \bigcirc en de Herringe de La destruction de la d 1:11 T. 18 S., R. 28 E. to 34, incl. All secs. 3, 4, 5, N_{2}^{1} sec. 6, NE_{4}^{1} T. 19 S., R. 28 E. sec. 9, all sec. 10 التوابية والموثية المراد المدانية المدران المرا Atoka 🕅 T. 18 S., R. 26 E. $E_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 15 SA Eddy Barber T. 20 S., R. 30 E. Sz sec. 17, all sec. 20 Eddy Benson ok T. 19 S., R, 30 E. All sec. 16 Y Eddy NWI14 . T. 24 S., R. 26 E. (N_{2}^{1}) sec. 13, NE¹/₄ sec. 14 Black River D (2)Eddy (abandoned) K Blinting on Burton or В Lea (new pool) Ð E. sec. 36 St sec. 30, all sec. 31 (see Redepintion) Chaves T. 12 S., R. 31 E. & Lea T. 12 S., R. 32 E. Lea (num port Caprock #(B) Cass of Pe (5a) T. 17 S., R. 29 E. Cave oK SE¹/₄ sec. 8, SW¹/₄ sec. () NW¹/₄ sec. 16, G Eddy NEL sec. 17 (abandoned) Conanche^{6K} SA Chaves T. 11 S., R. 26 E. N_2^1 sec. 15 Cooper-Jal 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. $W_{\overline{2}}^{\pm}$ sec. 2, all secs. 3 & 4, $N_{\overline{2}}^{\pm}$ sec. Y-SR Lea 9, all sec. 10, W_2^1 sec. 11, SW_4^1 sec. 13, all secs. 14, 15, 22, 23, $\frac{11}{2}$ sec. 24, W_2^1 sec. 25, all secs. 26, 27, 34, 35, W_2^1 sec. 36 All secs. 1, 2, 3, 11, 12, 13, 14, 23, 24, 25, 26, 36 SW1 sec. 6, W5 sec. 7, W5 sec. 18, W1 sec. 19, W2 sec. 30, all sec. 31, T. 25 S. R. 36 E. T. 25 S., R. 37 E. SW1 sec. 32. -2--

POOL FIID DEFINITIONS_CONTD. PROD. DESCRIPTION PROD.
Past FORM COUNTY TO 18 S. R. 33 E. Ly Sect 1
Corbin of The Instant R. 31 E. N2 South
Cutwin = 17.5 R, 27 E, n = 11.5ecs, 22,
$p_{\text{augherity}} > 7$ $p_{\text{augherity}} > 5$
Dayton ok G Eddy 1. 10 00, 20, 12 Dayton ok G Eddy 1. 10 00, 20, 12
$ \begin{array}{c} \textcircledleft Daughter & G & Eddy & T. 18 S., R. 20 D. 26, N_2 sec. 33 \\ \hline Dayton & K & G & Eddy & T. 18 S., R. 27 E. NWL sec. 29 \\ \hline Dayton, East & G & Eddy & T. 18 S., R. 27 E. NWL sec. 29 \\ \hline Dayton, East & G & Eddy & T. 18 S., R. 27 E. All sec. 24, E_2 sec. 25 \\ \hline Drinkard & G & Ide & T/22 S., R. 37 E. All sec. 19, H2 sec. 20, W2 sec. 29, \\ \hline Drinkard & Or & Ide & T/22 S., R. 38 E. All sec. 10 \\ \hline Drinkard & Or & Ide & T/22 S., R. 37 E. All secs. 11, 12, 13, 14 \\ \hline Drinkard & R. 37 E. All secs. 11, 12, 13, 14 \\ \hline \end{array} $
T = 122 S., R. 38 E. All sec. 39 T = 22 S., R. 38 E. all sec. 30 T = 22 S., R. 38 E. all sec. 30 T = 22 S., R. 38 E. all sec. 30 T = 22 S., R. 38 E. all sec. 30 T = 22 S. T = 22
Drinkard Dr. Dr. Ail secs. 11, 12, 13, 14 NK E. Lea T. 26 S., R. 37 E. Ail secs. 11, 12, 13, 14
26 S. R. 36 E. Will sees. 7, all secs. 10, 30, 31,
Eaves of Y-SR Lea T. 26 S., R. 37 E. W2 sec. 7, all secs. 50, 127 T. 26 S., R. 37 E. 20, W2 sec. 29, all secs. 50, $127W_2 sec. 32$
Eighty-Four K G Lea T. 21 S.; R. 38 E. All sec. 8 Eighty-Four K G Lea T. 21 S.; R. 38 E. All sec. 13, all secs. 24, 25, $E_{2}^{\frac{1}{2}}$
Draw Eddy T. 17.S., R. 27. E. 52 sec. 33, all will sec. 26, Sz sec. 33, all will sec. 30,
Empire K Y_G_SA Eddy T. 17. S., R. 28 E. $35, 36$ T. 17 S., R. 28 E. $35, 36$ T. 17 S., R. 28 E. $35, 36$ Sz sec. 18, all sec. 19, $35, 36$ Sz sec. 2, all secs. 3, 4, 5, Nz, SW1 sec. 2, all secs. 3, 4, 5, Nz, SW1 sec. 2, all secs. 8, T. 18 S., R. 27 E. Nz, SW1 sec. 7, all sec. 8,
T. 18 S., R. 27 E. E_{2}^{1} sec. 6, E_{2}^{2} sec. (, E_{2}^{1}
T. 18 S., R. 21El sec. 6, B2T. 18 S., R. 21El sec. 6, B2NE'149W'12 <tr< td=""></tr<>
(5a) $NE'49$ (11) $(5a)$ (12) (12) (13) $(5a)$ (12) <
$ \begin{array}{c} \textcircled{9} \\ \hline & \texttt{Eunice-} \\ \texttt{Montiment} \\ \hline & \texttt{Montiment} \\ \hline \end{array} \begin{array}{c} \texttt{P} \\ \texttt{Lea} \\ \texttt{Montiment} \\ \hline \\ \texttt{T. 19 S., R. 37 E.} \\ \texttt{T. 19 S., R. 37 E.} \\ \texttt{T. 19 S., R. 37 E.} \\ All secs. 7, 8, W2 sec. 9, W2 sec. 9$
P 36 E. All secs. 2)
20, 20, 30, 30, 30, 30, 30, 30, 30, 30, 30, 3
T. 20 3., incl., 12.
1. 2100 , p_{30} E , $SW4$ $ECO, 10$ W Sec. 13, and $W1$ eec. 27,
1.210., 12. $1.2, 12., 12.$ sec. 23, 12 to 22, incl., $12., 22.$ $10.$ $12., 12.$ $12.$
T. 21 S., R. 35 E. E. S. sec. 31
Eunice, Stuch fXSRLeaT. 21 S., R. 35 E. T. 21 S., R. 36 E. T. 22 S., R. 35 E. T. 22 S., R. 36 E. Wigsec. 4, all secs. 5, 6, 7, 8, 9, Hissec. 4, all secs. 16 to 21, incl., Wigsec. 15, all secs. 16 to 21, incl., Wigsec. 22, Wigsec. 22, Wigsec. 26,
Ψ. 22 00, W2 sec. 22, W2 sec. 20, W2 sec. 22, W2 sec. 20,

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	POOL					
	CIP DEFINI	TIONS-CONTD.				
Pool	and the second se	ORM COUNTY	·		DESCRIPTION	`
	Euniso, Sout (contd.) &K		т. 22 5. 8.	36 E.	All secs. 27, 28, 29, E} sec. 30, NEL	
			1	<u> </u>	sec. 31, N ¹ / ₂ sec. 32, N ¹ / ₂ sec. 33, N ¹ / ₂ sec.	
					34, NW2 sec. 35	
(\mathbf{a})	Eunice, 6K West	Y Lea	T. 21 S., R	. 34 E.	E_{2}^{1} sec. 12, all sec. 13, E_{2}^{1} sec. 14,	
(10)	licol (T. 21 S., R.	35 E.	N $\frac{1}{2}$ sec. 24 (10) S $\frac{1}{2}$ sec. 6, all secs. 7, 18	
	Fenton K	D Eddy	T. 21 S., R.	28 E.	All sec. 15	2' 4
(1)	Frenok	SR Eddy	(new pool,)		
-	Getty OK	I .Dauy		κγ μ ι	SW2 sec. 13; SE2 sec. 14, E_2 s 23, W_2 sec. 24, NW2 sec. 25, NE4 sec. 26	
\sim	Grayburg-	SA Eddy	T. 17 S., R.	29 E.	$S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 13, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 14, all secs, 20 to	
(7)	Jackson	•	 The first of a first second sec		29, 1001., NZ Sec. 32, NZ SOC. 33, NZ	
			T. 17 S., R.	30 E.	sec. 34, N ¹ / ₂ sec. 35. S ¹ / ₂ sec. 12, all secs. 13, 14, 15, 16,	
					17, S ¹ / ₂ sec. 18, all secs. 19, 20, 21, N ¹ / ₂ sec. 22, N ¹ / ₂ sec. 23, N ¹ / ₂ sec. 24, N ¹ / ₂	
:	DEL NO	upintion	л. ц э., н.	31 E.	Sec. 29, all sec. 2, $S_{\frac{1}{2}}^{1}$ sec. 7, $S_{\frac{1}{2}}^{1}$ sec. 8, $S_{\frac{1}{2}}^{1}$ sec. 9, all s/, secs. 19 to 18, incl., $N_{\frac{1}{2}}^{1}$ sec. 19, $N_{\frac{1}{2}}^{1}$ sec. 20, all secs. 21 to 25, incl., $N_{\frac{1}{2}}^{1}$	pu. 13
· · ·	(a) and (a)	. 9				
	ok.	• • • • • • • • • • • • •			sec. 26, $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 27, $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 28	, / * ⁻
	Hale (gas only)	T Eddy	T. 20 S., R.	30 E.	SW_{4}^{1} sec. 12, NW_{4}^{1} sec. 13	,
	•	V Ion	n oo's B	22 5	S2 sec. 9, all sec. 16	
	•			•		
	Hardy o K	G Lea	T, 20 S., R. T. 20 S., R.			
			T, 21 S., R.	36 E.	Lots 1, 2, 7, 8, 9, 10, 15, 16, sec. 1	
(13)	Harrisonok	P Lea	(new port)	3/ 5.	All secs. 5, 6	
	Henshaw %	SA Eddy	T. 16 S., R,	30 E.	All'sec, 13	
	High BK	Q Eddy	T. 16 Š., R.	29 E.	SW1 sec. 16, S_2^1 sec. 17, N_2^1 sec. 20,	
	Lonesome		•		N ¹ ¹ sec. 21	4
-	High of K	. G Eddy	T. 16 S., R.	29 E.	S_{2}^{1} sec. 31, S_{2}^{1} , NE ₄ sec. 32, all sec.	
	South	1999 - 1999 -	T. 17 S., R.	28 E.	NE: sec. 1	
	· · · · · · · · · · · · · · · · · · ·		T. 17 S., R.	29 E.	N_{2}^{1} sec. 5, N_{2}^{1} sec. 6, N_{2}^{1} sec. 4)	
	Hobbs TK	SA Lea	T. 18 S., R.	37 E.	All'secs. 13, 14, 23, 24, 25, 36	
					All secs. 17 to 22, incl. and 27 to 34 incl.	
	. V			38 E.	All secs. 3, 4, 5, 6, 8, 9, 10, 15, 16	
(i)	Jal 🔨 (Se	e Cooper-Jal		•		
Ü	Langlie-	SR-Q Lea	(new prol) T. 23 S., R.	36 E.	All sec. 25, E_2^j sec. 26, E_2^j sec. 35,	
-	. Mattix OK		T 22 S P	 २७ इ	all'sec. $\%$ S ² sec. 28, all secs. 29 to 34, incl. All sec. 1, all sec. 12. NET sec. 13	
		• •	T. 24 S., R.	36 E.	All sec. 1, all sec. 12, NE_{2}^{1} sec. 13	
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T. 24 S., R. 37 E. All secs. 2 to 11, incl., 14, 15, 16, T. 24 S., R. 37 E. All secs. 2 to 11, incl., 14, 15, 16, 17, 18, E¹/₂ sec. 19, all secs. 20, 21, 22, 23, 26, 27, 28, 29, E¹/₂ sec. 30, E¹/₂ sec. 31, all secs. 32, 33, 34, 35. sec. 31, all secs. 2, 3, 4, 5, NE¹/₄ sec. 6, all secs. 8, 9, 10, 11, W¹/₂ sec. 13, all secs. 14, 15, 16, 17, E¹/₂ sec. 19, all secs. 20, 21, 22, 23, W¹/₂ sec. 24, W¹/₂ sec. 32, N¹/₂ sec. 30, N¹/₂ sec. 34, all sec. 35, W¹/₂ sec. 36
T. 26 S., R. 37 E. NW¹/₄ sec. 1, NE¹/₄ sec. 2 DEF INITIONS-60NTD. FROD. COUNTY Pool FORM Lea Langlic- SR-R Mattix(contd.) Lea T. 20 S., R. 34 E. W12 sec. 14 Eddy T. 18 S., R. 30 E. $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 14, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 15, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 16, $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 21, all secs. 22, 23 Eddy T. 17 S., R. 29 E. S¹/₂ sec. 31, S¹/₂ sec. 32, S¹/₂ sec. 33, S¹/₂ sec. 34, S¹/₂ sec. 35, all sec. 36 T. 17 S., R. 30 E. S¹/₂ sec. 29, all secs. 31 & 32 T. 17 S., R. 30 F. All secs. 1 to 18 incl Lea **·p**K Leo T. 17 S., R. 30 E. S¹/₂ sec. 29, all secs. 31 T. 18 S., R. 29 E. All secs. 1 to 18, incl. T. 18 S., R. 29 E. All secs. 5, 6, 7, 18 T. 18 S., R. 30 E. All secs. 5, 6, 7, 18 ØK. Loco Hills Lea T. 16 S., R. 36 E. St sec. 25, St sec. 26, all secs. 35 & . . ¹ 6 T. 16 S., R. 37 E. S_2^1 sec. 30, all sec. 31 T. 16 S., R. 37 E. S_2^1 sec. 1 & 2, N₂ sec. 11, N₂ sec. 12 T. 17 S., R. 36 E. All secs. 1 & 2, N₂ sec. 7 T. 17 S., R. 37 E. All sec. 6, N₂ sec. 7 R. SA. Lovington Lea T. 17 S., R. 36 E. (All secs. 4, 5, E_2^1 sec. 6, NE_4^1 sec. 7, N_2^1 sec. 8, N_2^1 sec. 9 Dec Acde peepedefition ъK Lea T. 19 S., R. 32 E. S¹/₂ sec. 21, N¹/₂ sec. 28 SA Lovington, [5 Viest erk y Eddy &T. 19 S., R. 31 E. All sec. 24 Lea T. 19 S., R. 22 E. N¹/₂ sec. 19 All sec. 24 Lusk, East ² Eddy T. 19 S., R. 31 E. SEL sec. 15, NEL sec. 22 ok ^y Lusk S1 sec. 27, all sec. 34, SW1 sec. 35 W1 sec. 1, all sec 2 øК T. 20 S., R. 34 E. T. 21 S., R. 33 E. West Lusk, L₂ sec. 18 S''_{1} sec. 18 SE¹ sec. 8, S¹ sec. 9, S¹₂ sec. 14, all secs. 15 to 36, incl. All sec. 19, S¹₂ sec. 20, SW¹₄ sec. 21, N^{1}_{2} sec. 28, all secs. 29, 30, N¹₂ sec. 31. N¹₂ sec. 32 Lea oK Y Lynch Lea T. 20 S., R. 34 E. Lynch, North Y Eddy of 175, R. 31E & Leas T. 17 S., R. 32 E. Maljamar G-SA T. 17 S., R. 33 E. (Ib) 31, N_{2}^{1} sec. 32 All secs. 4, 5 SW_{\pm}^{1} sec. 5, SE_{\pm}^{1} sec. 6, NE_{\pm}^{1} sec. 7, NU_{\pm}^{1} sec. 8. T. 18 S., R. 32 E. Lea T. 17 S., R. 32 E. T. 18 S., R. 32 E. $SW^{\frac{1}{4}}_{W^{\frac{1}{2}}}$ sec. 14, $S^{\frac{1}{2}}_{\frac{1}{2}}$ sec. 15, all sec. 22, øK G Maljamar, North Maljamar, G-SA Lea South Mattix (See Langlic- attix)

	POOL KIIZ DEFINITION		
	Pool PhoD.		DESCRIPTION
	EIEED FORM McMillan of SA	COUNTY Eddy T. 19 S., R. 27 E.	
	Monument M (See	Eunice-llonument)	
	(1) Paddock ok P (18) Palmillo ok G (abandoned)	Lea. (nu prie) Eddy T. 18 \$., R. 29 E.	S ¹ / ₂ sec. 30
	PCA OK Y	Eddy T. 20 S., R. 30 E.	$S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 10, all sec. 15
	(19)->Pearsall & Q Penrose- Q-G	Lea (nus pore) Lea . T. 21 S., R. 36 E.	
	(20) 7 Skelly &K	.T. 21 S., R. 37 E.	S_{2}^{1} sec. 7, S_{2}^{1} sec. 8, S_{2}^{1} sec. 16, all secs. 17, 18, E_{2}^{1} sec. 19, all secs. 20, 21, 27, 28, 29, E_{2}^{1} sec. 30, E_{2}^{1} sec. 31,
¢.	•	T. 22 S., R. 37 E.	
	•	•	secs. 8, 9, 10, 11, 14, 15, 16, E_2^1 sec. 17, E_2^1 sec. 20, all secs. 21, 22, 23,
			26, 27, 28, E ¹ / ₂ sec. 29, all secs. 32,
	1997 - 1997 -	T. 23 S., R. 37 E.	33, 34, W_{2}^{1} sec. 35 W_{2}^{1} sec. 2, all secs. 3, 4, 5, 6, 7, 8,
	, , ,	and the state of the	9, 10, W_2^1 sec. 11, W_2^1 sec. 14, all secs. 15, 16, 17, 18, N_2^1 sec. 19, N_2^1 sec. 20
	(2) Premier CK & G	Eddy T. 17 S., R. 30 E.	$S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 22, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 23, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 24, all
		T. 17 S., R. 31 E.	secs. 25, 26, 27, 28, 33, 34, 35, 36 S ¹ / ₂ sec. 19, S ¹ / ₂ sec. 20, all secs. 29,
L.	(22) Red Lake of G	· · · · · ·	SW ¹ / ₄ sec. 2, S ¹ / ₂ sec. 3, all secs. 4, 5, 8, 9, 10, W ¹ / ₂ sec. 11, W ¹ / ₂ sec. 14, all
			secs. 15, 16, 17, 20 to 26, incl., N_{2}^{1} sec. 27, N''_{2} put 25, N''_{2} put 29, $N \in \mathbb{N}$, put 30
	(23) Rhodes CK Y	Lea T. 26°S.; R. 37 E.	All secs. 4, 5, 6 , E_2^1 sec. 7, all secs. 8, 9, S_3^1 sec. 10, all secs. 15, 16.
		NII2; SEILY	8, 9, S_2^1 sec. 10, all secs. 15, 16, 17, N_2^1 SET sec. 20, all secs. 21, 22, S_2^1 sec. 23, all secs. 26, 27, 28, 34,
	4 4		35
	Roberts of G (24) Roberts, West G	Lea T. 17 S., R. 33 E.	$S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 6, $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 7 E^{1} sec. 7 $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 25, Vall seq. 35, $N_{\frac{1}{2}}^{\frac{1}{2}}$ SW ¹ / ₄ sec. 36 SW ¹ / ₄ sec. 30, NW ¹ / ₄ sec. 31
	(23) - Robinson G-SA	Eddy T. 16 S., R. 31 E. T. 16 S. B. 32 F.	$S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 25, (all sec. 35, $N_{\frac{1}{2}}^{\frac{1}{2}}$ $SW_{\frac{1}{4}}^{\frac{1}{2}}$ sec. 36
	Russell ^{bK} Y		
	Aussell 1	Eddy 1, 203., n. 28 E.	$S_{\overline{2}}^{1}$ sec. 12, all secs. 13, 14, 23, $W_{\overline{2}}^{1}$ sec. 24
	(26) -> Salt Lake CK Y	Lea T. 20 S., R. 33 E.	(St. sec. 7, No sec. 18, sec udepinition
	San Simon K Y	Lea T. 21 S., R. 35 E.	SE_{\pm}^{1} sec. 32, SW_{\pm}^{1} sec. 33
		T. 22 S., R. 35 E.	NW_{\pm}^{1} sec. 4, NE_{\pm}^{1} sec. 5
	(gas only) oK T	Eddy T. 20 S., R. 29 E.	$SW_{t_{\tau}}^{1}$ sec. 29, $SE_{t_{\tau}}^{1}$ sec. 30
	Shugart KK Y-Q	Eddy T. 18 S., R. 31 E. T. 19 S., R. 31 E.	S_{Ξ}^{1} sec. 34, SW_{\pm}^{1} sec. 35 NN_{\pm}^{1} sec. 2, N_{Ξ}^{1} sec. 3
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, · · · ·	Fait		MS-CONTD	• •				
	North	FORM	<u>COUNTY</u> Eddy	Τ. 1	g S.,	R. 31	LE,	$\begin{array}{c} \underline{DESCRIPTION} \\ S_{2}^{\frac{1}{2}} & \text{sec. } 8, S_{2}^{\frac{1}{2}} & \text{sec. } 9, S_{2}^{\frac{1}{2}} & \text{sec. } 10, S_{2}^{\frac{1}{2}}, \\ NE_{2}^{\frac{1}{2}} & \text{sec. } 11, W_{2}^{\frac{1}{2}} & \text{sec. } 12, NW_{4}^{\frac{1}{2}} & \text{sec. } 13, \\ N_{2}^{\frac{1}{2}} & \text{sec. } 14, \text{ all secs. } 15, 16, 17, 18, 20, \\ 21, N_{2}^{\frac{1}{2}} & \text{sec. } 22, N_{2}^{\frac{1}{2}} & \text{sec. } 28, N_{2}^{\frac{1}{2}} & \text{sec. } 29. \end{array}$
67)	Skaggs	ot sa	Lea	Т. 20 Т. 2	os., os.,	R. 3 R. 3	7 E. 3 E.	All secs. $(3), 24, N_2^1$ sec. 25 All sec. 19, N_2^1 sec. 30
	Skelly	ØK (See	Penros e-	Skell	y)			
28	Square	Lake G-		т. 1	6 S.,	R. 30) E.	S_{2}^{1} sec. 24, all secs. 25, 26, 27, S_{2}^{1} sec. 28, E_{2}^{1} sec. 32, all secs. 33, 34, S_{1}^{114}
				T. 1	6 S.,	R, 31	LE.	S ¹ / ₂ sec. 19, S ¹ / ₃ sec. 20, S ¹ / ₃ sec. 21, all
		•		T. 1 T. 1	7 S., 7 S.,	R. 30 R. 31) E. L E.	secs. 28 to 33, incl., W''_{5} are $3''_{4}$ All secs. 1, 2, 3, 4, E_{2}^{1} sec. 5, $N'_{2}N'_{2}$ suc. 11 N_{2}^{1} sec. 6
	Tonto	ok _{sr}	Lea	T. 1	9 S.,	R. 3	3 E.	E_{2}^{1} sec. 22, W_{2}^{1} sec. 23
	Turkey	Track Q	Eddy	T. 1 T. 1	8 S., 9 S.,	R. 29 R. 29	9 E. 9 E.	S $\frac{1}{2}$ sec. 34, SW $\frac{1}{4}$ sec. 35 W $\frac{1}{2}$ sec. 2, all sec. 3, N $\frac{1}{2}$ sec. 10, NW $\frac{1}{4}$ sec. 11
(29)	Young	ok g	Lea	-	•	-		
<i>w</i>	Vacuum	ok G-SA	Lea	T. 1	7 S.,	R. 31	4 E.	All secs. 3 to 17, incl., 20 to 29, incl. and 32 to 36 incl.
				T. 1	8 S.,	R. 31	4 E.	All sec. 7, all secs. 18 to 36 incl. All secs. 1, 2, 3, 4, 11, 12 All secs. 3, 4, 5, 6, 7
			IN	DEX T	O PRI	NCIPA	L PRC	DUCING FORMATIONS :-
	- - - - -	Pennsy	LVANIAN	c Pe .	YA' SE QUI CR SAI YE	NSILL FES EEN AYBUR N ANDI SOS LAWARI LENBUI	G RES E	T Y SR Q G SA <u>Te</u> Paddock: P Blinebry B E Drinkard Dr
	s .		MEM	BEPS	of th	E N.M	. FIE	LD NOMENCLATURE COMM.
		Bòll Boss Gray Knoe Lamt Mill Morr (Chá Stal	on, Chuck inger, W s, R.L. , Ralph opfel, R. , N.R. Ler, Char ell, Fos irman) ey, Glen s, Neil	.R. M. les P ter n	She Gu St Co Co U. U	ell 0 lf 0i aholi lantio ntiner x 385 S, Geo a Cour	il Co l Cor nd Oi c Rfg ntal , Hol ologi nty (Artesia, N.M. Box 1457, Hobbs, N.M. p., Box 1667, Hobbs, N.M. 1 & Gas Co., Box F, Hobbs, N.M. Co., Box 808, Carlsbad, N.M. Oil Co., Box CC, Hobbs, N.M. bbs; N.M. cal Survey, Box 997, Roswell, N.M. perators Committee, Drawer I, Hobbs, N.M. Isbad, N.M.

-7-

LISP & COMPLOPICUS DOG EXPIRED "A" 20 ORD - 14. 500 revised as of 1-1-66 (methodes changes from Supplements Nos. 1, 2, 3, 4 4 5)

FOOL		
Artesia	(1)	Insert: 22 Sec. 23 (T. 188, R. 27 S. Suppl. 44)
Clack River	(2)	Change: M_2^{1} sec. 13 to read M_2^{1} sec. 13 (T. 243, R. 26%) (typographical error)
Blinebry	(3)	Add new pool: 7.228, 8.33%, My sec. 18, all sec. 19. (Prod. Form. 3; Suppl. #5)
Brunson	(4)	Add new pool: T. 228, 9. 37%., all sec. 9 (Prod. Form. F; Suppl. #4)
Caprock Cass Daugherty		Redefined in full: T. 12 S., R. 31E. E ¹ / ₄ sec. 36 T. 12 S., R. 32E Sp sec 30, all sec. 31 T. 13 S., R. 31E all sec. 1, all sec. 11, N ¹ / ₂ sec. 12 T. 13 S., R. 32E T. 13 S., R. 32E all sec. 6, N ¹ / ₂ sec. 7 (Frod. Form. Q; Suppl # 2, 4, 5) Add new pool: T. 20S, R. 37E., all sec. 23 (Frod Form: FE, Show Prod Form: SA
Drinkard	(7)	
Dublin	(8)	Delete "Ellenburger" from pool name.
Sapire	(8a)	Change NEA We see. 9 to read NEA, We see. 9 (T. 188, R. 275) (typographical error)
Eunice-Monument	(9)	Show Prod. Form.: 2-C-SA
Eunice-West	(10)	Add to pool descrip.: NEL sec. 23 (T, 218, 9 34E., Suppl. #3)
Fren	(11)	Add new pool: 7. 175., R. 30%. All sec. 22 to 27 incl. T. 17 S., R. 315. All secs. 19, 20, 21, 22,
		(Prod Form: SR, Suppl. #4)
Grayburg-Jackson	(12)	Change pool description in T. (125), H. 31 % to read: Si sec. 7, Sy sec. 3, Si sec. 9, Si sec. 13, all secs. 14 to 18, incl., No sec. 19, No sec. 20, all secs. 21, 22, 23, No sec. 26, No sec. 27, No sec. 23 (Suppl. 44)
Harrișon	(13)	Add new pool: P. 235., R. 37 N. SW, sec. 16, NM, sec. 21 (Prod. Form: P, Suppl. #5)
Jone s	(3,7,)	Add new pool: 7.228., 8.378.9%, sec. 1, NS2 sec. 12 T. 228., 8. 38%, SN3 sec. 6, BN3 sec. 7 (Prod. Form. Ur., Suppl. 45)
Lovington, Mest	(15)	Redefined in full: 7. 165., R. 363. Sp sec. 32, SM sec. 33 T. 175., R. 36M. Mg sec. 3, all secs. 4 and 5, Ng, SM sec. 6, Ng sec. 7, Ng sec. 8, Mg sec. 9. (Suppl. # 2, 3)

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Fage 2

Maljasar	(16)	Add to pool description:
Add Eddy 7 Le		f. 173., (. 31), 3] sec. 13, all secs. 24, 25 (Suppl. # 5)
Paddock	(17)	Add new pool: T. 228., R. 37 E All secs. 1, 12, 13 (Prod. Form: P, Suppl. #2, 4)
Palmillo	(18)	Add Prod. Form.: G
Pearsall	(19)	Add new pool: T. 175., E. 32E., All secs. 26, 32, 33, 34, 35 T. 188., H. 32E., All secs. 4, 5 (Frod. Form: Q, Suppl. #4)
Penrose-Skelly	(20)	Add: T. 228., R. 37E., NE sec. 7 (Suppl. #1)
Premier	(21)	Delete SR from Prod. Form. SR production is now under Frem pool.
Red Lake	(22)	Add to pool description: N_2^1 sec. 28, N_2^1 sec. 29, N_2^1 sec. 30. (Suppl. #2, 4)
Rhodes	(23)	Change $N_2^1SE_4^1$ sec. 20 (T. 26S., R. 37E.) to N_2^1 , SE_4^1 sec. 20 (typographical error, Suppl. #1)
Roberts, West	(24)	Add new pool: T. 178., R. 32E. S_2^1 sec. 2. (Pred. Form: G, Suppl. #1)
Robinson	(25)	Add to pool description: T. 16S., R. 31E. \mathbb{B}_2^1 SE Change \mathbb{N}_2^1 SW ¹ sec. 36 to read \mathbb{N}_2^1 , SW ¹ sec. 36 (T. 16S., R. 31E) (Suppl. #1)
Salt Lake	(26)	Redefined in full: T. 205., R. 33E. All secs. 7, 18 (Suppl. # 3,4)
Skaggs	(27)	Delete all sec. 23, T. 205., R. 37E., now in Cass pool.
Square Lake	(23)	Add to pool description: T. 16S., R. 31E., SW2 sec. 27, W2 sec. 34. T. 17S., R. 30E., N2N2 sec. 11 (Suppl. #3, 5) Change Prod. Form: G-SA
Young	(29)	Add new pool: T. 185., R. 325. N_2^2 sec. 20 (Brod Former O. Suppl. 42)

(Prod. Form: Q, Suppl. #2)

77 | 8 3 phges List of forreichons for Sylabert of to Order No 588 revised as of 1/1/96 (Suchestes changes from Supplements # 1, 2, 3, 4+5) Pool artisin 1 Smant: NE14 Dec 23 (T. 185, R. 27E Suppl # 4) Rectellion @ Change: N/h pul 3 to read Not 4 part 3 (7. 245, R. 26E) (Hypergraphical enor) Blindry (3) add new pool: T. 225, R. 38E, Whene 18, all per 19 (Prod. Torm. B; Suppl. #5) Brunson (add new prol: T. 225, R. 37E, all Dec 9 (Prod. Form. E; Suppl + 4) Caprock (5) Redefinedin full: T. 125, R BIE. Els Dec 36 T. 125, R. 32E S1/2 Dec. 30, All Dec. 21 T. 135, R 31E all peel, all peel, N/2 pre. 12 T. 135., R. 32E all ouch, N'12 pur 7 (Prod. Form. Q; Suppl #2, 4, 5) (5a) and num port : T. 205, R. 37E, all pun 23. (Prod Form: PE, brad # 2, 5) Caso Drughesity () Show Prod Form: SA. Drinkard (Ridefined in full: T. 225, R. 37E. W12 Dec. 14, E'spec. 15, All sico. 23, 24, 25, 26 T. 225, R. 38E. allou 19, W/2 Dec 20, all suco. 29,30, 31,32 T. 235, R. 38E. NUr sur S all suc. 6 (Delete "Yeso" from prol manne, Prod. Form Dr) Delete "Elles lunger" from prod warne Change NEHYWIZ are 9 to read NEH4, Wils per 9 (T. 185, R. 27E) Dublin Empire (typographical error) Turice -Mommunt (1) Show Prod. Forth & Q-G-SA Eunia -(D) add to puldesonip: NE'14 pu. 2.3 (T. 2.15, R. 34E, Suppl #3) West Graybung -Jackern (2) Change producer phin in T. 175, R. 3/E. to read: 51/2 pic7, 51/2 pic. 8, 51/2 pic. 9, (51/2 pic. 13) all seco. 14 to 18, incl., N'In sec 19, N' sou 20, all peco. 21;22, 23, N/3-pec 26, N/3-au 27, NH2 pre 28. (Supple #4) Fren (1) Add new prol: T.175, R. 30E. All pecs. 22; to 27 incl. T. 175, R. 31 E. all pur 19, 20, 21, 22, 29,30 (Prod. Form: SR, Suppl. #4) Harrison (3) Udd new prol: T. 235, R. 37E. SW/14, su. 16, NW/4 par 21 (Prod Form: P, Supple #5)

List of Corrections (Cort.)

(Addrew prod: T.22S, R. 37E. SE'l4 act, NE'l4 ac12 Jones (Prid. Form: Dr., Suppl. #5) forington, (5) Redefined in full: T. 165., R. 36E. St. Dec 32, SW How 33 West T. 175., R. 36 E. WIL Dec 3, all Decs. Hand 5, E'12, SW 14 per 6, N'12 per 7, N1/2 pre. 8, N'12 pre 9. (Suppl. # 2, 3) Maljamas (Rad to prol description: T. 175, R 31E. Show 13, all Deco, 24,25 had 7 Eddy & (Suppl. #5 T. 225, R. 37E all pus. 1, 12, 13 Paddrek (1) add new pool: (Prod. Form: P, Suppl. # 2, 4) Palmille (and Prod Form: G. Pearvall (1) add new pool: T. 175, R. 32E, all pers. 26, 32, 33, 34, 35 (Prod. Form: Q, Suppl. #4) Penner 20 add: T. 225, R. 37E, NE'4 per. 7 (Suppl #1) Spilly SR production is now Premuer (2) Delete SR from Prod. Form. Red Later 22 and to port description: N'2 Dec 28, N'2 pre, 29, NE'4 par. 30 (Suppl. # 2, 4) Rhodes (23) Change NIISE'ly pic 20(T.265., R.37E.) to N'ls, SE'lyper 20 (typographication, Suppl #1) Roberto, (24) Add werd pool: T. 175, R. 32E. Straw, 2 West (Prod. Form: G, Suppl. #1) add to port descriptions T. 165, R.31E. EllasElly Change N'12 Sw'ly see. 36 to read 'N'12, SIV 14 roce 36 (T.165, R.51E) (Suppole #1) Robinson 25 Salt Jake 26 Required as full: T. 205, R. 33E. all sus. 7, 18 Strapp (2) Delite all sec 23, T. 205, R. 37E., nordin Caso pool

List of Corrections (cont.)

#3

Square Lake (28) add to port descriptions T. 16 S. R. 31E, SW 14 pue 27, W13 pu 34 T. 17 S. R. 30 E. N'12 N'12 Dec. 11 (Suppl. # 3, 5) Charge Prod. Form: G-SA 29 addrew port: T. 185, R. 32E. NII, Dec 20 (Prod. Form: Q, Suppl. #2) young

NOTICE FOR PUBLICATION STATE OF NEW MEXICO OIL CONSERVATION CONVIISSION

Her Julian 14

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 3g sec. 13, all of secs. 24 and 25, T. 17 S., R. 31 E. Delete from Empire pool the SE sec. 19, T. 17 S., R. 28 E., and add to Red Lake pool the SE sec. 19, and MEt sec. 30, T. 17 S., R. 28 By Delete from Carson definition of Skaggs pool all of sec. 23, T. 20 S., R. 37 E, and make the following pool definitions All sec. 23, T. 20 S., R. 37 E., to be known as the Penoto pool, to include oil and gas production from the Pennsylvanian formation found in the Skaggs B-23 well No. 2, SW1 NW1 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 emecutive session changes of pool boundaires and designation of naw 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 COMISSION

BY: (SOD) R. R. SPUHRIER, SECRETARY

SEAL

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

Sugaplement #5

V

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

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, N¹/₂ sec. 12, T. 13 S., R. 31 E.

__ Add to Drinkard pool: WE see. 14, E sec. 15, T. 22 S., R. 37 E.

Add to Square Lake pool: SW_4^1 sec. 27, T. 16 S., R. 31 E.

Jones pool (new pool): SW4 sec. 6, NW4 sec. 7, T. 22 S., R. 38 E., SE4 sec. 1, NE4 sec. 12, T. 22 S., R. 37 E. To include production from the Drinkard pay zone only. Blinebry pool (new pool): W2 sec. 18, all sec. 19, T. 22 S., V (3) R. 38 E. To include production from the Blinebry pay only. (See Builtowin Month)

Harrison pool (new pool): SW_4^1 sec. 16, NW_4^1 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 $NW_4^1SE_4^1$ 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, NNTANDA sec. 15, T. 22 S., R. 37 E., as an oil well, production being obtained from the Drinkard pay zone, CL45' 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, SW4SW4 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, $SW_{1}^{1}SW_{1}^{1}$ 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 Lookhart, $MW_{\pm}^{1}NW_{\pm}^{1}$ 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, $SW_{\pm}^{1}S\Sigma_{\pm}^{1}$ 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 cil 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, $SW_4^1SW_4^1$ sec. 16, T. 23 S., R. 37 E. The Harrison pool is to include production only from the Paddock pay within the lands described.

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

V

Very/truly yours, Foster Morrell,

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

Chairman, New Mexico Nomenclature Committee.

OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

RECOMPENDATIONS BU NEW MEXICO NOMENCLATURE COMMITTIE FOR ADDITIONS TO POOLS

Sorp Lernend # 4



Add to Paddock pool the N_2^1 sec. 1, S_2^1 sec. 12, all of sec. 13, T. 22 S., R. 37 E. Add to Drinkard pool all of sec. 23, 26, W1 sec. 24, W1 sec. 25, T. 22S., R. 37E., NE1 sec. 29, all sec. 31, S1 sec. 32, T. 22S., R. 38E., N1 sec. 5, all sec. 6, T. 23S, H. 38E.

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

Add to Artesia pool the $MR_{\frac{1}{2}}$ sec. 23, T. 185, R. 27 E. 26) 12.

Add to Salt Lake pool the NaNa sec. 7 and Sa sec. 13, T. 20S.,

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OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

RECOMMENDATIONS BY NEW MEXICO NOMENCLATURE COMMITTEE FOR NEW POOL DEFINITIONS.

1.

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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, $SE_1^2NW_1^2$ sec. 9, at depths of 3059 to 3089 through casing perforations.

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 Frem pool, to include oil and gas production from the Seven Rivers formation of Permian age found in the Friess well No. 1, $SW_1^1SE_4^1$ Sec. 19, T. 17S., R. 31 E., at depths of 1920 to 1980 feet.

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, SEINE4 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.

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UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

P. O. Box 997 Roswell, Now Moxico March 7, 1946

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

Order No. 633, Caue No. 70, of the Oil Conservation Commission of the State of New Mexico, approved January 15, 1946, defines oil and gas pools in Les, Eddy and Chaves Counties, New Mexico, offestive 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, onsed, mainteined and operated to that end. State promation schedules for orude 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 intermédiate connections between wellhoads and tanks and estimating production from the different pools is prohibited.

The physical separation of oil from different pools is necessary and desirable emong 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 grented 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

Supervisor, Gil and Gas Operations.