Q-: 70 -

New Mexico Oil Conservation Commission Santa Fe, New Mexico November 17, 1945

SUPPLEMENTAL TO THE PETITION

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

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

Respectfully submitted, Glenn Staley, 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 President

> 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

Holn

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.

Deer 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,

morrell

FOSTER MORRELL, Chairman New Mexico Field Nomenclature Committee

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

Exhibit A" Gaze 10

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

1. J. J.

The discovery of cil and gas in formations of Pennsylvanian and ages, the structural conditions or areas of accumulations of which dy from structures and accumulations controlling Permian production, which development of production from Permian formations which includes contake development of production from Permian formations which includes contake development of production from than one defined field, has necessitated in the terminology of fields and pools of southeastern New Mexico order No. 588 of the New Mexico Oil Conservation Consission and in d Outline of Procedure for the New Mexico Field Nomenclature Com-

is recognized include for es possible all odd and gas from a on recorvoir should be produced, measured, and recorded separately. it definitions heretoffere recommended by the Field Nomenclature forapproved by the Oil Conservation Commission some developed and gas from reservoirs exceed into more than one field and the records of any provation are devided by fields.

so unify and simplify records and proration it is now recommended disting "field" definitions approved under Order No. 588 and Nos. 1, 2 and 3 thereas be retained as to land descriptions have that be considered hereafter as definitions of "pools."

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

1.1- 1.1.1

The New Period Nonecolature Consistee is a group of geologists call engineers where help us to recommend to the New Period Oll in Consistion names and be adartes of oil and gas pools, and exereof, in Southeastern New Nexico. Order No. 588, Case No. 58 the New Period Oll Conservation Commission January 29, 1945 the Her Period Nonecolature Committee to designate pools, new pools, the Her Period Nonecolature Committee to designate pools, new pools, the Her Period Nonecolature Committee to designate pools, new pools, the Her Period Nonecolature Committee to designate pools, new pools, the Her Period Nonecolature Committee to designate pools, new pools, the Her Period Nonecolature Committee to designate pools, new pools, the boundaries are pelected to embrace the productive limits of the boundaries and reservoir units called pools. It is provided under of Order No. 588 that new pools and pool extensions may be made there boundaries the Committee. Field definitions approved under design Supplements 1, 2 and 3 thereof, are to be referred to as

acons, except classes have a bor recommended.

A condition of a logic of a few representatives of Les County who area appointed by the Chairman of the Engineering the Los County Operators' Committee. When consideration was hild to a complete revealen of all oil and gas fields and modes that that so complete the the basis of geologic times restained with, it was decided to at broader representation should be studied within the entire area. The subable consideration of all interests in the entire area. The subable consideration of the existing appointed members to inpresentatives from Eddy County and additional representation from

a counties. A Chairman and Vice-Chairman shall be elected by the
a counties. A Chairman and Vice-Chairman shall be elected by the
a term of one year beginning the first day of each calendar year.
a of the Engineeric Correctives of the Lea County Operators' Consitthe permanent Secretary for the Nomenclature Constitutes and shall
all times for public inspection a complete file of all actions taa recommendations made by the Nomenclature Committee. Vacancies in the

Sollowing is an outline of a set of working principles which t by the Nomenclature Completee in recommending names and boundar-

A. Fool Names

- A suitable name will be sought from the reconnaissance and elevation map by W. B. Lang.
- Or, the name of the fee owner of the land on which the discovery is mail will be used.
 Or, in the approximation a contable name from the above

sources, a mark will be velocted at random.

. All pools from and the say oil or gas is marketed shall be named.

5. Pool Boundaries

 $\overline{5}$

The intent of the committee shall be to define pool boundaries to include only the productive area present in any recognized Seologic formation or zone or group of such formations or zones

containing a common accumulation of crude petroleum oil or natural gas, or both, which should be drilled, cased and produced as a single common reservoir.

where there is no effecte boundary separating two pools as in the case of a gradedian to the physical character of the producing formations between pools, the committee shall place the area in question in these pools which is indicated to be more closely related or which has similar reservoir characteristics. The areal extent of each pool shall in general be limited to not

correction one mile beyond developed limits of production. Generally, undeveloped correage between pools will be left undefined to permit adjustment of pools boundaries as future development warrants.

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.

Constant Seneral

Action will be determining by the Nomenclature Committee for the establishment of the pools or pools extensions as new prodection 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 wote 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 Nomenclabure Committee is obtained on each action.

ew Mexico	Nomenclature Committee as of December 1, 1945.
ocretary)	Ward Building, Artesia, New Mexico.
31	State Coreau of Fines and Mineral Resources, Socorro, Cew Serico.
Breits Ro	Shell Oil Co., Box 1457, Hobbs, New Mexico.
. 19. – 19. – 19. Alexandra († 19 . – 1 9. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 1	Gulf Oil Corp., Box 1667, Hobbs, New Mexico.
na da anti-anti-anti-anti-anti-anti-anti-anti-	Stanolind Gil and Gas Co., Box F, Hobbs, New Mexico.
and the second sec	Atlantic Refining Co., Box 808, Carlsbad, New Mexico.
•	Continental Oil Co., Box CC, Hobbs, New Mexico.
helrnæu,	U. S. Geological Survey, Box 997, Roswell, New Mexico.
sabt, 2. 3.	Buffalo Oil Co., Box 265, Artesia, New Mexico.
Malty, Glann Meetekery	Lea County Operators' Committee, Drawer I, Hobbs, New Yexico.
omplor, S. E. New John S member)	Oil Conservation Commission, Box 871, Santa Fe, New Mexico.

"Exhibit B"- Case 70

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

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

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

VIL CONSERVATION COMMISSIC SANTA FE, NFW MEXICO

December 3, 1945

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

Dear Glenn:

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

Very truly yours,

RRS:MS cc Foster Morrell

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 truly

Glenn Staley

GS/gi

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

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

Dear Mr. Spurrier:

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

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

- (1) The Caprock pool should be shown as in both Chaves and Lea Counties, page 2.
- (2) The producing formation of the Corbin pool is Queen rather than San Andres, page 2.
- (3) The producing formation for the Jones pool might best be shown DR rather than Dr. This will conform with the way the formation is shown for the Drinkard pool, page 4.
- (4) The Robinson pool should be shown as in both Eddy and Lea Counties, page 7.
- (5) On page 8 in the index to the principal producing formations the symbol for Drinkard should be shown as DR and for the Pennsylvanian as PE, rather than Dr. and Pe. The last change will conform with the way the formation is shown on the Cass pool. The use of all caps, I believe, is preferable, however whichever way is acceptable should be made uniform.

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

With kindest personal regards,

Donell

FOSTER MORRELL, New Mexico Nomenclature Committee.

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

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

Recommended by the New Maxico Nomenclature Committee

Revised as of January 1, 1946

POOL	PROD. FORM	COUNTY	DESCRIPTION
Anderson	G	Eddy	T. 17 S., R. 29 E. St sec. 1, St sec. 2, SEt sec. 3, all
			secs. 11, 12, N2 sec. 13, N2 sec. 14 T. 17 S., R. 30 E. SW2 sec. 6, N2 sec. 7
Arrowhead	G	Lea	T. 21 S., R. 36 E. All sees. 24, 25, 26, B2 sec. 34, all secs. 35, 36
			T. 22 S., R. 36 E. All sees. 1, 2, 55 sec. 3, all secs. 11, 12, 13, 14, 24
			T. 22 S., R. 37 E. W. Sec. C. W. SE. 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. SB: sec. 1, SE: sec. 11, all secs. 12, 13 B: sec. 14, NE: sec. 23, E2, NW:
			T. 18 S., R. 28 E. Ng sec. 2, all secs. 3, 4, 5, E ₂ , SN sec. 6, all secs. 7, 8, 9, 10, Wg sec. 11, all secs. 15 to 22, incl. and 27
		\langle	T. 19 S., R. 28 S. All secs. 3, 4, 5, Ng sec. 6, NE4 sec. 9, all sec. 10
Atoka	SA	Eddy	T. 18 3., R. 26 E. E. sec. 15
Barber	Y	Eddy	T. 20 S., R. 30 E. St sec. 17, all sec. 20
Benson	X	Eddy	T. 19 3., R. 30 E. All sec. 16
Black River (abandoned	_	Body	T. 24 S., R. 26 E. NW sec. 13, NE sec. 14
Blinebry	B	Les	T. 22 S., R. 38 E. Hg 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. H sec. 8

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	PROD. FORM.	COUNTY	DESCRIPTION
Caprock	ą		T. 12 S., R. 31 E. E sec. 36 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
Case	PE	Lea	T. 20 S., R. 37 E. All sec. 23
Cave (abandosed-	G	Eddy	T. 17 S., R. 29 E. SE sec. 8, SW sec. 9, NW sec. 16, NE sec. 17
Comanche	SA	Chaves	T. 11 S., R. 26 E. H. sec. 15
Cooper-Jal	1-5 R	Len	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. Wig sec. 2, all secs. 3 & 4, Ng sec. 9, all sec. 10, Wig sec. 11, 5W2 sec.
			13, 11 secs. 14, 15, 22, 23, WE sec. 24, WE sec. 25, all secs. 26, 27, 34,
			T. 25 S., R. 36 N. 11 secs. 1, 2, 3, 11, 12, 13, 14, 23,
			T. 25 S., H. 37 E. SH: 302. 6, We sec. 7, We sec. 18, We sec. 19, We sec. 30, all sec. 31, SW: sec. 32
	A	•	T. 18 3., H. 33 E. E Sec. 9, W2 sec. 10
Corbin	, 9	Lea	
Culwin	Q	Eddy	
Daugherty	SA	Eddy	T. 17 S., R. 27 E. All sec. 3
Dayton	0	Ready	T. 18 S., H. 20 E. St sec. 23, St sec. 24, all secs. 25, 26, Nt sec. 35
Dayton, I	est G	Eddy	T. 18 5., R. 27 E. MH sec. 29
Drinkard	DR	Lon	T. 22 S., H. 37 E. Wit sec. 14, Et sec. 15, all secs. 23, 24, 25, 26
			T. 22 S., R. 38 E. All sec. 19, Wg sec. 20 All secs. 29, 30, 31, 32
			T. 23 S., R. 38 E. Ng sec. 5, all sec. 6
Dublin	E	Les	T. 26 S., R. 37 E. All secs. 11, 12, 13, 14
Eaves	1- 6	н Loa	T. 26 S., R. 36 E. All secs. 12, 13, 24, 25 T. 26 S., R. 37 E. Hg sec. 7, all secs. 18, 19, SW sec. 20, Wg sec. 29, all secs. 30, 31, Wg sec. 32

-2--

POOL	PROD. FORM	COUNTY	DESCRIPTION
Eighty- Four Draw	G	Lea	T. 21 S., R. 38 E. All sec. 8
Empire	Y-G-SA	Bàdy	T. 17 S., R. 27 E. St sec. 13, all secs. 24, 25, Et sec. 26, St sec. 33, all secs. 34,
			35, 36 T. 17 S., R. 28 E. Si sec. 18, all sec. 19, Wi sec. 30 T. 18 S., R. 27 E. Nin, Swi sec. 2, all secs. 3, 4, 5, Es sec. 6, Ei sec. 7, all sec. 8 NE1, Wi sec. 9
	- Q-G-SA	Les	T. 19 S., R. 36 E. Et sec. 12, all secs. 13, 23, 24, 25, 26, 27, 34, 35, 36
Monumer	44		T. 19 S., R. 37 E. All secs. 7, 8, W2 sec. 9, W2 sec. 16 All secs. 17, 18, 19, 20, 21 St sec. 27, all secs. 28 to 34 incl.
			T. 20 S., R. 36 E. All secs. 1, 2, 3, 10, 11, 12, 13, 14 St sec. 15, 11 secs. 23, 24, 25, 26, 35, 36
			T. 20 S., R. 37 E. All sees. 7 to 10 incl. & 15 to 21, incl., Mr sec. 22, all secs. 29, 30,
			31, 32, 33 T. 21 S., H. 35 E. All ares. 1, 12, 13, 24, E ¹ / ₂ sec. 25. T. 21 S., H. 36 E. Sui sec. 1, all secs. 2 to 11, incl. We sec. 12, W ¹ / ₂ sec. 13, all secs. 14 to 22, incl., NW ¹ / ₂ sec. 23, W ¹ / ₂ sec. 27,
			all secs. 28, 29, 30, NE4 sec. 31, all secs. 32, 33, Wg sec. 34.
Eunice South	-	a Len	T. 21 S., R. 35 E. Et sec. 36 T. 21 S., R. 36 E. NW, Sz sec. 31 T. 22 S., R. 35 E. Et sec. 1 T. 22 S., R. 35 E. Et sec. 1 T. 22 S., R. 36 E. W sec. 4, all secs. 5, 6, 7, 8, 9, T. 22 S., R. 36 E. W sec. 4, all secs. 5, 6, 7, 8, 9,
			Wit sec. 15, all secs. 16 to 21, incl., Wit sec. 22, Wit sec. 26 All secs. 27, 28, 29, Bit sec. 30, NEt sec. 31, Nit sec. 32, Nit sec. 33, Nit sec. 34, NWit sec. 35
Eunic West	20 ₃ 3	i loa	T. 21 S., R. 34 E. Ez sec. 12, all sec. 13, Ez sec. 14, NEz sec. 23, Nz sec. 24. T. 21 S., R. 35 E. Sz sec. 6, all secs. 7, 18
Fent	on 1	o Edd	-
Fren	, SI	R Edd	T. 17 S., R. 30 E. All sec. 22 to 27 incl. T. 17 S., R. 31 E. All secs. 19, 20, 21, 22, 29, 30

POOL	PROL	
Cetty	X	Eddy T. 20 S. H. 20 F. T. 20 S. H. 20 F. T. 20 S. H. 20 F. H. 20 F
(here)		Eddy T. 20 S., R. 29 E. SW sec. 13, SE sec. 14, Es sec. 23, We sec. 24, NW sec. 25, NE sec. 26
Graybur	'e- sa	Riddy m to a second sec
Jackson	2	St sec. 13 cl
		T. 17 S., R. 30 B. St sec. 12, 11 sec. 32, Ng sec. 33, Ng
		1. 17 S., R. 30 B. St sec. 12, all secs. 13, 14, 15, 16, 17, St sec. 18, all secs. 10, 20, 26, 26, 26, 26, 26, 26, 26, 26, 26, 26
		17, Si sec. 18, all secs. 13, 14, 15, 16, Ng sec. 22, Ni sec. 19, 20, 21,
		13, all secs. 14 to 18, incl., Na sec. 19, Na sec. 20, all mach 21 Na sec.
		▲Y 約9 800 00 - 10 [[****** 13] 800.
Hale	T	
(gas only	y)	Eddy T. 20 S., R. 30 E. SWA sec. 12, NWA sec. 19
		a a a a a a a a a a a a a a a a a a a
Haltway	Y	
Hardy	-	Lea T. 20 S., R. 32 E. St sec. 9, all sec. 16
Marcy	G	
		4. 4. S., R. 38 F. A.
		T. 21 S., R. 36 F. Lota 1 2. 7
		T. 21 S., R. 36 B. Lots 1, 2, 7, 8, 9, 10, 15, 16, sec. 1 T. 21 S., R. 37 E. All secs. 5, 6
Harrison	P	
Henshaw	•	
	SA	
High	Q	ALL 000. 13
Lonesome	*	Eddy T. 16 S., H. 29 E. Sill set. 16 al
		Eddy T. 16 S., N. 29 E. 84 sec. 16, Si sec. 17, Ni sec. 20, NW sec. 21
High	G	KOCY T. 16 S. H. 20 F. al
Lonesome,		T. 17 S
South		T. 17 S. R. 20 F. 11 sec. 1
lobbs	6 1	Hody T. 16 S., H. 29 E. Sig sec. 31, Sig, NEi sec. 32, all sec. 33 T. 17 S., R. 28 E. NEi sec. 1 T. 17 S., R. 29 E. Nig sec. 1 T. 17 S., R. 29 E. Nig sec. 1 T. 17 S., R. 29 E. Nig sec. 4, Nig sec. 5, Nig sec. 6
	SA	Les T. 18 S., R. 37 E. All secs. 13, 1/ 22
		T. 18 S., R. 37 E. All secs. 13, 14, 23, 24, 25, 36 T. 18 S., R. 38 E. All secs. 17 to 22, 1001 25, 36
		T. 19 S., R. 38 E. All secs. 17 to 22, incl. and 27 to 34
- 7	_	1. 17 J., R. 38 E. All secs. 3. 4. 5 6 0 0
al	(See Co	Incl. T. 19 S., R. 38 E. All secs. 3, 4, 5, 6, 8, 9, 10, 15, 16 oper-Jal)
ones (Dr.	
ă,		T 20 ., K. 37 E. SEA 880. 1. NEL
	1	T. 22 S., R. 38 E. SW sec. 6, NW sec. 12

-4-

POOL	PROD. FORM	COUNTY	DESCRIPTION
Langlie- Mattix	SR-Q	Loa	T. 23 S., R. 36 E. All sec. 25, Eg sec. 26, Eg sec. 35, all sec. 36
			T. 23 S., R. 37 E. St sec. 28, all secs. 29 to 34, incl.
			T. 24 S., R. 36 E. All sec. 1, all sec. 12, NE ¹ sec. 13
			T. 24 S., R. 37 E. All secs. 2 to 11, incl., 14, 15, 16, 17, 18, Eg sec. 19, all secs. 20, 21, 22, 23, 26, 27, 28, 29, Eg sec. 30, Eg sec. 31, all secs. 32, 33, 34, 35.
			T. 25 S., R. 37 E. All secs. 2, 3, 4, 5, NE4 sec. 6, all secs. 8, 9, 10, 11, Wg sec. 13, all secs. 14, 15, 16, 17, Eg sec. 19, all
			secs. 20, 21, 22, 23, Wg sec. 24, Wg sec. 25, all secs. 26, 27, 28, 29, NE sec. 32, Ng sec. 33, Ng sec. 34, all sec. 35, Wg sec. 36
			T. 26 S., R. 37 E. NW: sec. 1, NE: sec. 2
Les	¥	Los	T. 20 S., R. 34 E. Wit Sec. 14
Leo	G	Eddy	T. 18 S., R. 30 E. S ¹ / ₂ sec. 14, S ¹ / ₂ sec. 15, S ¹ / ₂ sec. 16, N ¹ / ₂ sec. 21, all secs. 22, 23
Loco Hills	G	Eddy	T. 17 S., R. 29 E. St sec. 31, St sec. 32, St sec. 33, St sec. 34, St sec. 35, all sec. 36
			1. 1/ 2% R. JU L. \ 33 800. (4), 811 8008. 31 & 34
			T. 18/S., R. 29 E. 11 seca. 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. 84 sec. 25, St sec. 26, all secs.
			T. 16 S., R. 37 E. St sec. 30, all sec. 31 T. 17 S., R. 36 B. All secs. 1 & 2, Nt sec. 11, Nt sec. 12
			T. 17 S., R. 37 E. All sec. 6, Ng sec. 7
Lovington, West	SA	Les	T. 16 5, R. 36 E. 8 sec. 32, SW1 sec. 33 T. 17/9., R. 36 E. W2 sec. 3, all secs. 4 and 5, E3, SW1
			sec. 6, N2 sec. 7, N2 sec. 8, N2 sec. 9
Lusk, East	¥	Lea	T. 19 S., R. 32 E. S1 sec. 21, N1 sec. 28
Lusk	¥	Eddy & Lea	T. 19 S., R. 31 E. All sec. 24 T. 19 S., R. 32 E. Wy sec. 19
Lusk, West	Y	Eddy	T. 19 S., R. 31 E. SEt sec. 15, NEt sec. 22
Lynch	Y	Les	T. 20 S., R. 34 E. St sec. 27, all sec. 34, SW1 sec. 35
			T. 21 S., R. 33 E. Wg sec. 1, all sec. 2
Lynch, Nor	th Y	Les	T. 20 S., R. 34 E. E. sec. 18

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, St sec. 20, SW4 sec. 21, W2 sec. 28, all secs. 29, 30, N2 sec. 31, N2 sec. 32
Maljamar, North	0	Los	T. 18 S., R. 32 E. All secs. 4, 5 T. 17 S., R. 32 E. SN 300. 5, SE 300. 6, NE 4 800. 7, NW 300. 8
Maljamar, South	0 SA	Les	T. 18 S., H. 32 E. SW1 sec. 14, S1 sec. 15, all sec. 22, W1 sec. 23
Mattix (S	e Langl	ie-Mattix)	
McMillan	SA	Eddy	T. 19 S., R. 27 E. E. Bac. 31
Monument	(See Euni	ice-Monument)	
Paddock	P	Lea	T. 22 S., R. 37 E. All secs. 1, 12, 13
Palmillo (abandoned	G }	Eddy	T. 18 S., R. 29 E. St sec. 30
PCA .	Ĩ	Eddy	T. 20 S., R. 30 E. St see, 10, all sec. 15
Pearsall	Q	Lea	T. LY S., R. 32 E. All secs. 26, 32, 33, 34, 35 T. 18 S., R. 32 E. All secs. 4, 5
Panrose- Skelly	Q-0		 7. 21 S., R. 36 E. Es sec. 13 T. 21 S., R. 37 E. St sec. 7, St sec. 8, St sec. 16, all secs. 17, 18, Bt sec. 19, all secs. 20, 21, 27, 28, 29, Et sec. 30, Et sec. 31, all secs. 32, 33, 34, 35 T. 22 S., R. 37 E. All secs. 2, 3, 4, 5, Et sec. 6, NEt sec. 7, all secs. 8, 9, 10, 11, 14, 15, 16, Et sec. 17, Et sec. 20, all decs. 21, 22, 23, 26, 27, 28, Et sec. 29, all secs. 32, 33, 34, Wt sec. 35 T. 23 S., R. 37 E. Wt sec. 2, all secs. 3 / 5 / 7 / 8
Premier	G	Eddy	15, 16, 17, 18, N2 sec. 14, all secs.
		•	T. 17 S., R. 30 E. S_2^1 sec. 22, S_2^1 sec. 23, S_2^1 sec. 24, all secs. 25, 26, 27, 28, 33, 34, 35, 36 T. 17 S., R. 31 E. S_2^1 sec. 19, S_2^1 sec. 20, all secs. 29, 30, N_2^1 sec. 31

POOL	PROD. FORM.	COUNTY	DESCRIPTION
Rød Lake	G	Eddy	T. 17 S., R. 28 E. SW1 sec. 2, S1 sec. 3, all secs. 4, 5, 8, 9, 10, W1 sec. 11, W1 sec. 14, all secs. 15, 16, 17, 20 to 26, incl., N1 sec. 27, N2 sec. 23, N1 sec. 29, NET sec. 30
Rhodes	Y	Loa	T. 26 S., H. 37 E. All secs. 4, 5, 6, E sec. 7, all secs. 8, 9, S sec. 10, all secs. 15, 16, 17, N sec. 20, all secs. 21, 22, S sec. 23, all secs. 26, 27, 28, 34, 35
Roberts	G	Lea	T. 17 S., R. 33 E. S ¹ / ₂ sec. 6, N ¹ / ₂ sec. 7
Rob erts, West	0	Lea	T. 17 S., R. 32 E. 51 == 2
Robinson	G-SA	Eddy	T. 16 S., R. 31 E. St sec. 25, East sec. 34, all sec. 35,
		Les	T. 16 S., R. 32 I. SW sec. 30, NW sec. 31
Russell	Y	Eddy	T. 20 S., R. 28 E. St sec. 12, all secs. 13, 14, 23, W2 sec. 24
Salt Lake	Y	Lea	T. 20 S., R. 33 E. All secs. 7, 18
San Simon	Y	Lea	T. 21 S., R. 35 E. T. 22 S., R. 35 E. NW4 sec. 4, NE4 sec. 5
Scanlon (gas only)	T	Bddy	T. 20 S., R. 29 E. SW2 sec. 29, SE2 sec. 30
Shugart	¥=Q	day	T. 13 S., R. 31 E. S ¹ / ₂ sec. 34, SW ¹ / ₄ sec. 35 T. 19 S., R. 31 E. NW ¹ / ₄ sec. 2, N ¹ / ₅ sec. 3
Shugart, North	Ş	stay	T. 18 S., R. 31 E. S ¹ / ₂ sec. 8, S ¹ / ₂ sec. 9, S ¹ / ₂ sec. 10, S ¹ / ₂ , NE ¹ / ₄ sec. 11, W ¹ / ₂ sec. 12, NW ¹ / ₄ sec. 13, N ¹ / ₃ sec. 14, all secs. 15, 16, 17, 18, 20, 21, N ¹ / ₂ sec. 22, N ¹ / ₂ sec. 28, N ¹ / ₃ sec. 29.
Skaggs	SA	Les	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)

POOL	PROD. FORM.	COUNTY	DESCRIPTION
Square Lak	e G-SA	Eddy	T. 16 S., H. 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. 32 sec. 19, 32 sec. 20, 32 sec. 21, SW2 sec. 27, all secs. 28 to 33, incl.,
			Wg sec. 34 T. 17 S., R. 30 E. All secs. 1, 2, 3, 4, Eg sec. 5, NgNg sec. 11
			T. 17 S., R. 31 E. No sec. 6
Tonto	SR	Les	T. 19 S., R. 33 E. By sec. 22, Wy sec. 23
Turkey Tre	lok û	E ddy	T. 18 S., R. 29 E. St sec. 34, 5W2 sec. 35 T. 19 S., R. 29 E. W2 sec. 2, all sec. 3, N2 sec. 10, NW2 sec. 11
Young	Q	Lea	T. 13 S., R. 32 E. N. sec. 20
Vacuum	GSA	Lea	T. 17 S., R. 34 B. All secs. 3 to 17, incl., 20 to 29, incl., and 32 to 36 incl.
			T. 17 S., R. 35 E. 111 Sec. 7, all secs. 18 to 36 incl. T. 18 S., R. 34 E. All secs. 1, 2, 3, 4, 11, 12
			T. 13 S., R. 35 E. NI secs. 3, 4, 5, 6, 7
		TND	X TO PRINCIPAL PRODUCING FORMATIONS :-
		م معدد و منهول الما الشرب و بينه الما الشرب و بينه	TASIL T
			YAYNS Y
			SEVIN RIVERS SR Queen Q
		((CHAYBURG G SAN ANDRES SA
			PADDOCK P BLINEBRY B
			DELAWARE D
			PENNSTLVANTAN Per PH Ellenburger E

-8-

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 Hobbs, New Mexico Dear Glenn: I believe you need this information - so for your convenience you may use it. The Commission has not made it official but doubtless will. All changes are effective January 1, 1946. Hope to see you in a week or so. Best wishes for 1946. Very truly yours, RRS:MS

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

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

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

> CASE NO. 58 ORDER NO. 588

sa h art

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.

ORDER OF THE COMMISSION

BY THE COMMISSION:

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

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

IT IS THEREFORE ORDERED:

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

SECTION 2. That the order herein is not intended to change the gas-oil ratio limitations of any existing proration unit under any existing applicable gas-oil ratio order; nor is the order herein intended to change the proration plan or system of any existing proration unit under any existing proration order—this notwithstanding the change of field boundary lines or the 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 Jenuery production normally carried in the March Proration Schedule shall be shown in the March, 1945, Proration Schedule under the changed field redefinitions herein, and accordingly for subsequent months.

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

OIL CONSERVATION COMMISSION BY: John J. Dempsey, Chairman John E. Miles, Member John M. Koller

SEAL

• 10.25

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

Recommended by the New Mexico (First) Nomenclature Committee Revised as of January 1, 1945 1946 POOL PROD. DESCRIPTION FORM COUNTY 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 Eddy Anderson 9N G۰ secs. 11, 12, N_{2}^{1} sec. 13, N_{2}^{1} sec. 14 SWL sec. 6, No sec. 7 T. 17 S., R. 30 E. Arrowhead OK G All secs. 24, 25, 26, E sec. 34, all Lea T. 21 S., R. 36 E. secs. 35, 36-All secs. 1, 2, E_2^1 sec. 3, all secs. T. 22 S. R. 36 E. 11, 12, 13, 14, 24 W_2^1 sec. 6, W_2^1 , SE_4^1 sec. 7, all secs. T. 22 S., R. 37 E. 18, 19 Artesia⁶K G Eddy T. 17 S., R. 28 E. $S_{\frac{1}{2}}^{1}$ sec. 32, $S_{\frac{1}{2}}^{1}$ sec. 33, $S_{\frac{1}{2}}^{1}$ sec. 34, $S\widetilde{W}_{\pm}^{1}$ sec. 35 SEL sec. 1, SEL sec. 11, all secs, 12, 13, E_{\pm}^{1} sec. 14 ΦE_{\pm}^{1} , NWL sec. 24, E_{\pm}^{1} T. 18 S., R. 27 E. an an an the first state of the terms in the state of the sec sec. $\overline{25}$, $E_{\overline{2}}^{1}$ sec. $\overline{36}$ T. 18 S., R. 28 E. W12 sec. 2, all secs, 3, 4, 5, E12, SW14 sec. 6, all secs. 7, 8, 9, 10, 12 sec. 11, all secs. 15 to 22, incl. and 27 to 34, incl. T. 19 S., R. 28 E. All secs. 3, 4, 5, N_2^1 sec. 6, NE_4^1 sec. 9, all sec. 10 Atoka 🕅 T. 18 S., R. 26 E. Ez sec. 15 SA Eddy Barber T. 20 S., R. 30 E. $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 17, all sec. 20 Y Eddy Benson M T. 19 S., R. 30 E. All sec. 16 Y Eddy NWIL T. 24 S., R. 26 E. (N_{2}^{\pm}) sec. 13, NE¹/₂ sec. 14 (\mathcal{I}) Black River D. Eddy (abandoned) Blinesry of Brunsen of B Lea (new poor) T. 20 S., R. 29 E. No sec. 8 ĔY Burton or Eddy Es sec. 36 Sz sec. 30, all sec. 31 (su Rodymtia) Chaves T. 12 S., R. 31 E. & Lea T. 12 S., R. 32 E. Caprock th Q B (new port Cass of Pe Lea SE⁺ sec. 8, SW⁺ sec. (9) NW⁺ sec. 16, T. 17 S., R. 29 E. Cave oK Eddy G NE_{\pm}^{2} sec. 17 (abandoned) Comanche^{5K} SA Chaves T. 11 S., R. 26 E. N¹/₂ sec. 15 Cooper-Jal All secs. 4, 5, 8, 9, 15, 16, 17, 20, Y-SR T. 23 S., R. 36 E. Lea 21, 22, 27, 28, 33, 34 $W_{\overline{2}}^{1}$ sec. 2, all secs. 3 & 4, $N_{\overline{2}}^{1}$ sec. T. 24 S., R. 36 E. 9, all sec. 10, W_2^1 sec. 11, SW_2^1 sec. 13, all secs. 14, 15, 22, 23, W2 sec. 24, W¹/₂ sec. 25, all secs. 26, 27, 34, 35, W2 sec. 36 T. 25 S. R. 36 E. All secs. 1, 2, 3, 11, 12, 13, 14, 23, 24, 25, 26, 36 SW1 sec. 6, W2 sec. 7, W2 sec. 18, T. 25 S., R. 37 E. W_2^1 sec. 19, W_2^1 sec. 30, all sec. 31, $SW^{\frac{1}{2}}$ sec. 32. -2--

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	POCL FIID DEFINITIONS-CONTD.	- I	
	PROD.		•
	FIELD FORM COUNTY		DESCRIPTION
	Corbin of SA Lea	T. 18 S., R. 3	3 E. E_{2}^{+} sec. 9, W_{2}^{+} sec. 10
	Culwin 🔨 Q Eddy	. T. 19 S., R. 31	E. N_2^1 sec. 6
G	Daugherity K SA Eddy	T. 17 S., R. 27	E. All sec. 3
-	Dayton of G Eddy	T. 18 S., R. 26	E. $S_{\overline{z}}^{1}$ sec. 23, $S_{\overline{z}}^{1}$ sec. 24, all secs. 25, 26, $N_{\overline{z}}^{1}$ sec. 35
	Deston, East G Eddy	T. 18 S., R. 27	E. NW_{\pm}^{2} sec. 29
Ð	Drinkard-Yesso Ye Lee ØK Dr	T/ 22 S., R. 37 T/ 22 S., R. 38	E. E_{3}^{1} sec. 24 , E_{2} sec. 25 (<i>Nee redepositor</i>) 3 E. All sec. 19, W2 sec. 20 , W_{2}^{1} sec. 29 , all sec. 30
Ø			7 E. All secs. 11, 12, 13, 14
	Eaves ON Y-SR Lea	T. 26 S., R. 30	5 E. All secs. 12, 13, 24, 25 7 E. Wz sec. 7, all secs. 18, 19, SW_{\pm}^{1} sec.
			20, W_2^1 sec. 29, all secs. 30, 31,
			W_2^{\perp} sec. 32
	Eighty-Four K G Lea	T. 21 S., R. 38	3 E. All sec. 8
	Draw		
	Empire K Y-G-SA Eddy	יד א <i>ב</i> יד די	7 E. S_{2}^{1} sec. 13, all secs. 24, 25, E_{2}^{1}
	Empire T-G-OA Eddy	· 1 11. 01. 01. 11.	sec. 26, $S_{\frac{1}{2}}$ sec. 33, all secs. 34, 35, 36
		T. 17 S., R. 28	3 E. $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 18, all sec. 19, $\mathbb{M}_{\frac{1}{2}}$ sec. 30,
E		T. 18 S., R. 2'	7 E. N_{2}^{1} , SW_{4}^{1} sec. 2, all secs. 3, 4, 5,
(oa)		NETH NA	E_{2}^{1} sec. 6, E_{2}^{1} sec. 7, all sec. 8, H_{2} NE ₄ W sec. 9.
~	Q -		
(I)		T. 19 S., R. 30	$5 E. E_{2}^{1}$ sec. 12, all secs. 13, 23, 24, 25,
	Monument	T. 19 S., R. 3	26, 27, 34, 35, 36 7 E. All secs. 7, 8, W_2^1 sec. 9, W_2^1 sec. 16, all secs. 17, 18, 19, 20, 21, S_2^1
		· · ·	sec. 27, all secs. 28 to 34 incl.
		T. 20 S., R. 3	6 E. All secs. 1, 2, 3, 10, 11, 12, 13,
			14, E_2^1 sec. 15, all secs. 23, 24, 25, 26, 35, 36
	•	T. 20 S., R. 3	7 E. All secs. 3 to 10, incl. & 15 to 21,
			incl., W_2 sec. 22, all secs. 29, 30,
		ר קו פי די	31, 32, 33 5 E. All secs. 1, 12, 13, 24, E_{2}^{1} sec. 25,
		T. 21 S., R. 3	6 E. SW sec. 1, all secs. 2 to 11, incl.
	۲۰ از ۲۰ م	. *	W1 sec. 12, W2 sec. 13, all secs. 14
		•	to 22, incl., NW_{\pm} sec. 23, W_{\pm} sec. 27, all secs. 28, 29, 30, NE \pm sec. 31, all
		•	secs. 32, 33, W_2^1 sec. 34
	Eunice, SR Lea	T. 21 S., R. 3	F F F + F = 26
	Scuch K	T. 22 S. R. 3	6 E. (NW_3S_2) sec. 31 $NW'/4_3 S''_2$ 5 E. E_2^2 sec. 1
	• •	T. 22 S., R. 3	6 E. Wy sec. 4, all secs. 5, 6, 7, 8, 9,
			6 E. W; sec. 4, all secs. 5, 6, 7, 8, 9, W; sec. 15, all secs. 16 to 21, incl., W; sec. 22, W ¹ sec. 26,
	e e grécie de la composition de la comp	an gaan baar bar gaab	
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HOOL CIED DEFINITIONS_CONTD. PROD . DESCRIPTION POOLETED FORM COUNTY Eunico, South-Lea T. 22 S., R. 36 E. All secs. 27, 28, 29, Ez sec. 30, NEt (contd.) 🔨 SR sec. 31, N¹/₂ sec. 32, N¹/₂ sec. 33, N¹/₂ sec. 34, NWE sec. 35 Y Lea T. 21 S., R. 34 E. E_2^1 sec. 12, all sec. 13, E_2^1 sec. 14, Eunice, KK $N_{\overline{2}}^{\frac{1}{2}}$ sec. 24 (19) $S_{\overline{2}}^{\frac{1}{2}}$ sec. 6, all secs. 7, 18 West () 0) T. 21 S., R. 35 E. All sec. 15° Fenton **K** D Eddy T. 21 S., R. 28 E. SR Eddy (new pool) Y Eddy T. 20 S., R. 29 E. Frenok SW_{\pm}^{1} sec. 13; SE_{\pm}^{1} sec. 14, E_{2}^{1} sec. 23, Getty oK W1 sec. 24, NW4 sec. 25, NE4 sec. 26 Grayburg- K SA Eddy T. 17 S., R. 29 E. S_{2}^{1} sec. 13, S_{2}^{1} sec. 14, all secs. 20 to 29, incl., N½ sec. 32, N½ soc. 33, N½ Jackson sec. 34, N¹/₂ sec. 35. $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 12, all secs. 13, 14, 15, 16, T. 17. S., R. 30 E. 17, S¹/₂ sec. 18, all secs. 19, 20, 21, • N¹/₂ sec. 22, N¹/₂ sec. 23, N¹/₂ sec. 24, N¹/₂ sec. 29, all sec. 30 finition T. 17 S., R. 31 E. $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 8, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 9, $\frac{1}{2}$ sec. 13 all secs. 14 to 18, incl., $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 19, $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 20, all secs. 21 to 25, incl., $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 26, N_{2}^{1} sec. 27, N_{2}^{1} sec. 28 or T Eddy T. 20 S., R. 30 E. SW_{\pm}^{1} sec. 12, NW_{\pm}^{1} sec. 13 Hale (gas only) Halfway 5K Y Lea T. 20 S., R. 32 E. S. sec. 9, all sec. 16 Lea T. 20 S., R. 37 E. All sec. 36 T. 20 S., R. 38 E. All sec. 31 T. 21 S., R. 36 E. Lots 1, 2, 7, 8, 9, 10, 15, 16, sec. 1 υK. G Hardy T. 21 S., R. 37 E. All secs. 5, 6 Harrison ok P. Lea. (new port) Eddy T. 16 S., R. 30 E. All sec. 13 Henshaw K SA Eddy T. 16 S., R. 29 E. SW_{\pm}^{1} sec. 16, S_{\pm}^{1} sec. 17, N_{\pm}^{1} sec. 20, High Lonesome Q NML sec. 21 High r = 6K. G. Eddy T. 16 S., R. 29 E. S_{2}^{1} sec. 31, S_{2}^{1} , NE_{4}^{1} sec. 32, all sec. 33 Lone some, T. 17 S., R. 28 E. NE_{4}^{1} sec. 1 South T. 17 S., R. 29 E. $N^{\frac{1}{2}}$ sec. 5, $N^{\frac{1}{2}}$ sec. 6, $N^{\frac{1}{2}}$ sec. 4) · · Hobbs SA Lea T. 18 S., R. 37 E. All secs. 13, 14, 23, 24, 25, 36 T. 18 S., R. 38 E. All secs. 17 to 22, incl. and 27 to 34 incl. • · · · · · · · · · T. 19 S., R. 38 E. All secs. 3, 4, 5, 6, 8, 9, 10, 15, 16 (See Cooper-Jal) Jal Jones ok Dr Lea (nu port) Langlie- SR-Q Lea T. 23 S., Ř. 36 E. All sec. 25, E_2^1 sec. 26, E_2^1 sec. 35, all'sec. 36 . Mettix or T. 23 S., R. 37 E. $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 28, all secs. 29 to 34, incl. T. 24 S., R. 36 E. All sec. 1, all sec. 12, NE¹ sec. 13

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FOOL TID DEFINITIONS-60NTD. POOL FROD. FORM COUNTY DESCRIPTION PIED Langlic- SR-R Lea T. 24 S., R. 37 E. All secs. 2 to 11, incl., 14, 15, 16, 17, 18, E_2^1 sec. 19, all secs. 20, 21, Mattix (contd.) 22, 23, 26, 27, 28, 29, E¹/₂ sec. 30, E¹/₂ sec. 31, all secs. 32, 33, 34, 35. T. 25 S., R. 37 E. All secs. 2, 3, 4, 5, NEL sec. 6, all secs. 8, 9, 10, 11, W_{2}^{\perp} sec. 13, all secs. 14, 15, 16, 17, $E_{2}^{\frac{1}{2}}$ sec. 19, all secs. 20, 21, 22, 23, $W_{2}^{\frac{1}{2}}$ sec. 24, $W_{2}^{\frac{1}{2}}$ sec. 25, all secs. 26, 27, 28, 29, NE¹/₄ sec. 32, N¹/₂ sec. 33, N¹/₂ sec. 34, all sec. 35, W¹₂, sec. 36 T. 26 S., R. 37 E. NW¹/₂ sec. 1, NE¹/₂ sec. 2 N Lea T. 20 S., R. 34 E. W_2^1 sec. 14 Lea Y 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, $N_{\frac{1}{2}}^{\frac{1}{2}}$ 'ØK G Leo sec. 21, all secs. 22, 23 ØK T. 17 S., R. 29 E. $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 31, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 32, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 33, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 34, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 35, all sec. 36 Loco Hills (Eddy . . 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. S¹/₂ sec. 29, all secs. 31 & 32 6 T. 18 S., R. 30 E. All secs. 5, 6, 7, 18 Lovington SA Lea T. 16 S., R. 36 E. S¹/₂ sec. 25, S¹/₂ sec. 26, all secs. 35 & 1.4667 36 T. 16 S., R. 37 E. $S_{\frac{1}{2}}^{1}$ sec. 30, all sec. 31 T. 17 S., R. 36 E. All secs. 1 & 2, N₂ sec. 11, N₂ sec. 12 T. 17 S., R. 37 E. All sec. 6, N_2^1 sec. 7 ΰK Lovington, SA Lea T. 17 S., R. 36 E. All sees. 4, 5, Ez sec. 6, NEt sec. 7, Nz séc. 8, Nz sec. 9 Dec redextion West Lusk, East Y Lea T. 19 S., R. 32 E. $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 21, $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 28 OK Y Eddy &T. 19 S., R. 31 E. All sec. 24 Lusk Lea T. 19 S., R. 32 E. W_{2}^{1} sec. 19 Eddy T. 19 S., R. 31 E. SE¹/₄ sec. 15, NE¹/₄ sec. 22 Lusk, West S_{2}^{1} sec. 27, all sec. 34, SW_{4}^{1} sec. 35 Lea T. 20 S., R. 34 E. Lynch ok Y W_2^{I} sec. 1, all sec. 2 T. 21 S., R. 33 E. Lynch, North Y Lea T. 20 S., R. 34 E. E_{2}^{1} sec. 18 \$12 sec. 13 all puts 24,25 SEt sec. 8, St sec. 9, St sec. 14, all Eddy of 175, R. 31E Lea T. 17 S., R. 32 E. Maljamar G-SA secs. 15 to 36, incl. T. 17 S., R. 33 E. All sec. 19, S_{2}^{1} sec. 20, SW_{4}^{1} sec. 21, W_{2}^{1} sec. 28, all secs. 29, 30, N_{2}^{1} sec. 31, N¹/₂ sec. 32 All secs. 4, 5 T. 18 S., R. 32 E. SW_{\pm}^{1} sec. 5, SE_{\pm}^{1} sec. 6, NE_{\pm}^{1} sec. 7, Lea T. 17 S., R. 32 E. Mal jamar, NW± sec. 8 North **,** `` A . 19. 14 Lea T. 18 S., R. 32 E. SW_{\pm}^{\perp} sec. 14, S_{\pm}^{\perp} sec. 15, all sec. 22, Maljamar, G-SA , the set of $W_{\overline{d}}^{1}$ sec. 23 is in the South Mattix (See Langlie-Mattix) Sec. Sec. -5--

POOL DEFINITIONS-CONTD. PKOD. POOL DESCRIPTION FORM COUNTY E E E E SA Eddy T. 19 S., R. 27 E. E_2^1 sec. 31 McMillan or Monument & (See Eunice-Monument) Lea (n_{μ} pr. e) Eddy T. 18 S., R. 29 E. S $\frac{1}{2}$ sec. 30 >Paddock OK P →Palmillo oK G (abandoned) oK. Eddy T. 20 S., R. 30 E. S_{2}^{1} sec. 10, all sec. 15 Y PCA Lea (new pool) -> Pearsall OK Q Lea . T. 21 S., R. 36 E. Q-G E[±] sec. 13 Penrose- $S_{\overline{2}}^{1}$ sec. 7, $S_{\overline{2}}^{1}$ sec. 8, $S_{\overline{2}}^{1}$ sec. 16, all Skelly SK .T. 21 S., R. 37 E. secs. 17, 18, E_2^{i} sec. 19, all secs. 20, 21, 27, 28, 29, $E_{\overline{2}}^{1}$ sec. 30, $E_{\overline{2}}^{1}$ sec. 31, all secs. 32, 33, 34, 35 NE'Gan 7 . . . · All secs. 2, 3, 4, 5, E_{2}^{1} sec. 6, all T. 22 S., R. 37 E. secs. 8, 9, 10, 11, 14, 15, 16, $E_2^{\frac{1}{2}}$ sec. 17, E_2^1 sec. 20, all secs. 21, 22, 23, 26, 27, 28, E_2^1 sec. 29, all secs. 32, 33, 34, Wasec. 35 T. 23 S., R. 37 E. $W_{\frac{1}{2}}^{1}$ sec. 2, all secs. 3, 4, 5, 6, 7, 8, 9, 10, $W_{\frac{1}{2}}^{1}$ sec. 11, $W_{\frac{1}{2}}^{1}$ sec. 14, all secs. • 121 - - - - • • 15, 16, 17, 18, N_{2}^{\downarrow} sec. 19, N_{2}^{\downarrow} sec. 20 Premier K $S_{\frac{1}{2}}^{\frac{1}{2}}$ 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. 30 E. Eddy secs. 25, 26, 27, 28, 33, 34, 35, 36 T. 17 S., R. 31 E. $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 19, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 20, all secs. 29, 30, N¹/₂, sco. 31 . Eddy T. 17 S., R. 28 E. SW_{\pm}^{\pm} sec. 2, S_{\pm}^{\pm} sec. 3, all secs. 4, 5, Red Lake or G 8, 9, 10, $W_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 11, $W_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 14, all secs. 15, 16, 17, 20 to 26, incl., $N_{\frac{1}{2}}^{\frac{1}{2}}$ 22 sec. 27, N"2 pre 28, N"1- pre 29, NE14 pre 30 All secs. 4, 5, 6, E_2^1 sec. 7, all secs. Lea T. 26 S., R. 37 E. Rhodes CK Y 8, 9, <u>Sa</u> sec. 10, all secs. 15, 16, 17, NI SED sec. 20, all secs. 21, 22, NI/2 , SEI/4 Sz sec, 23, all secs. 26, 27, 28, 34, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 25, Vall sec. 35, $N_{\frac{1}{2}}^{\frac{1}{2}}$ SW¹/₄ sec. 30, $N_{\frac{1}{4}}^{\frac{1}{2}}$ sec. 31 Roberts of a G Lea T. 17 S., R. 33 E. Aroberts, West G . Lea (rus prol) -Robinson G-SA Eddy T. 16 S., R. 31 E. T. 16 S., R. 32 E. Russell ok Y S_{2}^{1} sec. 12, all secs. 13, 14, 23, W_{2}^{1} Eddy T. 20 S., R. 28 E. sec. 24 ·Lea T. 20 S., R. 33 E. (Sz sec. 7, Nz sec. 18) see redefinition > Salt Lake CK Y San Simon 🔨 Y Lea T. 21 S., R. 35 E. SE¹/₄ sec. 32, SW¹/₄ sec. 33 T. 22 S., R. 35 E. NW1 sec. 4, NE1 sec. 5 Scanlon 6 (gas only) ok T Eddy T. 20 S., R. 29 E. SW1 sec. 29, SE1 sec. 30 Eddy T. 18 S., R. 31 E. Sh sec. 34, SW sec. 35 Shugart K Y-Q T. 19 S., R. 31 E. NN_{4}^{1} sec. 2, N_{2}^{1} sec. 3

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Voal PROD. Port DESCRIPTION FORM COUNTY Shugart, MK Eddy T. 18 S., R. 31 E. $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 8, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 9, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 10, $S_{\frac{1}{2}}^{\frac{1}{2}}$, Q NE¹₄ sec. 11, W_{2}^{1} sec. 12, NW_{4}^{1} sec. 13, North N_{2}^{\perp} sec. 14, all secs. 15, 16, 17, 18, 20, 21, $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 22, $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 28, $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 29. All secs. (23), 24, N¹/₂ sec. 25 Skaggs of Lea T. 20 S., R. 37 E. SA T. 20 S., R. 38 E. All sec. 19, N¹/₂ sec. 30 Skelly OK (See Penrose-Skelly) Square Lake G-Eddy T. 16 S., R. 30 E. S¹/₂ sec. 24, all secs. 25, 26, 27, S¹/₂ sec. 28, E_{2}^{1} sec. 32, all secs. 33, $\tilde{3}_{4}$, GW''''P''35, 36 $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 19, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 20, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 21, all T. 16 S., R. 31 E. secs. 28 to 33, incl., W/2 are 34 All secs. 1, 2, 3, 4, Ez sec. 5, N ½ N ½ sec. 11 T. 17 S., R. 30 E. T. 17 S., R. 31 E. N¹/₂ sec. 6 Tonto ok SR Lea T. 19 S., R. 33 E. El sec. 22, W1 sec. 23 Turkey Track 0 St sec. 34, SWt sec. 35 Eddy T. 18 S., R. 29 E. T. 19 S., R. 29 E. $W_{\frac{1}{2}}$ sec. 2, all sec. 3, $N_{\frac{1}{2}}$ sec. 10, $NW_{\frac{1}{4}}$ sec. 11 Young ok Lea (new part) Vacuum K G-SA Lea T. 17 S., R. 34 E. All secs. 3 to 17, incl., 20 to 29, incl. and 32 to 36 incl. All sec. 7, all secs. 18 to 36 incl. T. 17 S., R. 35 E. 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 :-Т TANSILL Y YATES SR SEVEN RIVERS Q QUEEN G GRAYBURG SAN ANDRES SA Paddock ¥ESO= Ťe Blinebry DELAWARE D PENNSYLVANIAN Pe. ELLENBURGER Ε Drinkard MEMBERS OF THE N.M. FIELD NOMENCLATURE COMM. Ward Bldg., Artesia, N.M. Aston, Chuck Shell Oil Co., Box 1977, Hobbs, N.M. Bollinger, W.H. Boss, R.L. Gulf Oil Corp., Box/1667, Hebbs, N.M. Gray, Ralph Stabolind Oil & Gas Co., Box F, Hobbs, N.M. Atlantic Rfg. Co., Box 808, Carlsbad, N.M. Knoepfel, R.M. Continental Oil Co., Box CC, Hobbs, N.M. Lamb, N.R./ Miller, Charles P. Morrell, Foster Box 385, Hobbs, N.M. U.S. Geological Survey, Box 997, Roswell, N.M. (Chairman) Lea County Operators Committee, Drawer I, Hobbs, N.M. Staley/, Glenn Wills, Neil H. Box 529, Carlsbad, N.M.

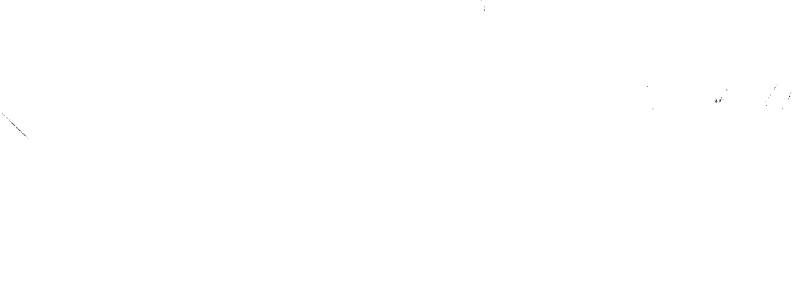
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LIST OF CORRECTIONS FOR EXHIBIT "A" TO ORDER NO. 588 revised as of 1-1-46 (Includes changes from Supplements Nos. 1, 2, 3, 4 & 5)

POOL Insert: NE¹/₄ sec. 23 (T. 18S, R. 27 E.Suppl.#4) (1)Artesia Change: N¹/₂ sec. 13 to read $M^{\frac{1}{4}}_{\frac{1}{4}}$ sec. 13 (T. 24S, R. 26E) (2)Black River (typographical error) Add new pool: T. 22S, R. 38E, W_2^{\perp} sec. 18, all sec. 19. (3) Blinebry (Prod. Form. B; Suppl. #5) (4) Add new pool: T. 22S, R. 37E., all sec. 9 Brunson (Prod. Form. E; Suppl. #4) (5) Redefined in full: T. 12 S., R. 31E. Ez sec. 36 Caprock T. 12 S., R. 32E S_2^{1} sec 30, all sec. 31 T. 13 S., R. 31E all sec. 1, all sec. 11, N¹/₂ sec. 12 T. 13 S., R. 32E all sec. 6, N[±]/₂ sec. 7 (Prod. Form. Q; Suppl # 2, 4, 5) (5a) Add new pool: T. 20S, R. 37E., all sec. 23 (Prod Form: PE, Cass Daugherty (6) Show Prod Form: SA Supple. **#2,**5) Redefined in full: T. 22S., R. 37 E. $W_2^{\frac{1}{2}}$ sec. 14, (7) Drinkard E_{2}^{1} sec. 15, all secs. 23, 24, 25, 26 T. 22S., R. 38 E. All sec. 19, W_{2}^{1} sec.20, Ail secs. 29, 30, 31, 32 T. 23S., R. 38E. $N_2^{\frac{1}{2}}$ sec. 5, all sec. 6 (Delete "Yeso" from pool name, Prod Form. Dr) (8) Delete "Ellenburger" from pool name. Dublin Change NE $\frac{1}{2}$ W $\frac{1}{2}$ sec. 9 to read NE $\frac{1}{4}$, W $\frac{1}{2}$ sec. 9 (T. 18S, R. 27E) (8a) Empire (typographical error) (9) Show Prod. Form .: Q-G-SA Eunice-Monument (10) Add to pool descrip.: NE_4^1 sec. 23 (T, 21S, R 34E. Eunice-West Suppl. #3) (11) Add new pool: T. 17S., R. 30E. All sec. 22 to 27 incl. Fren T. 17 S., R. 31E. All secs. 19, 20, 21, 22, 29, 30. (Prod Form: SR, Suppl. #4) (12) Change pool description in T. 23, R. 31 E to read: Grayburg-Jackson $S_{\frac{1}{2}}^{\frac{1}{2}} \sec . 7, S_{\frac{1}{2}}^{\frac{1}{2}} \sec . 8, S_{\frac{1}{2}}^{\frac{1}{2}} \sec . 9, S_{\frac{1}{2}}^{\frac{1}{2}} \sec . 13, \mu$ all secs. 14 to 18, incl., N $\frac{1}{2}$ sec. 19, N $\frac{1}{2}^{\frac{1}{2}}$ sec. 20, all secs. 21, 22, 23, N $\frac{1}{2}^{\frac{1}{2}}$ sec. 26, N $\frac{1}{2}^{\frac{1}{2}}$ sec. 27, N[±] sec. 28 (Suppl. #4) (13) Add new pool: T. 23S., R. 37 E. SW¹/₄ sec. 16, NW¹/₄ sec. 21 Harrison (Prod. Form: P, Suppl. #5) T. 22S., R. 37E. SEt sec. 1, NEt sec. 12 (14) Add new pool: Jones T. 22S., R. 38E. Sw1 sec. 6, NW1 sec. 7 (Prod. Form. Dr., Suppl. #5) (15) Redefined in full: T. 16S., R. 36E. S¹/₂ sec. 32, SW¹/₄ sec. 33 Lovington, West T. 175., R. 36E. W_{2}^{\pm} sec. 3, all secs. 4 and 5, E_{2}^{\pm} , SW_{4}^{\pm} sec. 6, N_{2}^{\pm} sec. 7, N sec. 8, N sec. 9.

(Suppl. # 2, 3)



Maljamar	(16)	Add to pool description: T. 17S., R. 31E. $S^{\frac{1}{2}}$ sec. 13, all
Add Ec	ldy & I	
Paddock	(17)	Add new pool: T. 22S., 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. 17S., R. 32E., All secs. 26, 32, 33, 34, 35 T. 18S., R. 32E., All secs. 4, 5 (Prod. Form: Q, Suppl. #4)
Penrose-Skelly	(20)	Add: T. 22S., R. 37E., NE_4^1 sec. 7 (Suppl. #1)
Premier	(21)	Delete SR from Prod. Form. SR production is now under Fren pool.
Red Lake	(22)	Add to pool description: $N_{\overline{2}}^{1}$ sec. 28, $N_{\overline{2}}^{1}$ sec. 29, NE ₄ 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. 17S., R. 32E. S ¹ / ₂ sec. 2. (Prod. Form: G, Suppl. #1)
Robinson	_ (25)	Add to pool description: T. 16S., R. 31E. E ¹ / ₂ SE ¹ / ₄ Change N ¹ / ₂ SW ¹ / ₄ sec. 36 to read N ¹ / ₂ , SW ¹ / ₄ sec. 36 (T. 16S., R. 31E) (Suppl. #1)
Salt Lake	(2 6)	Redefined in full: T. 20S., 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	(28)	Add to pool description: T. 16S., R. 31E., SW ¹ / ₄ sec. 27, W ¹ / ₂ sec. 34. T. 17S., R. 30E., N ¹ / ₂ N ¹ / ₂ sec. 11 (Suppl. #3, 5) Change Prod. Form: G-SA
Young	(29)	Add new pool: T. 18S., R. 32E. N ¹ / ₂ sec. 20 (Prod. Form: Q, Suppl. #2)

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#1 7 3priges List of forrections for Sylitist At to Order No 588 revised as of 1/1/46 (Includes changes from Supplements #1, 2, 3, 475) Pool Untern O Smant: NE'14 pec 23 (T. 185, R. 27E Suppl # 4) Hackelleven @ Change: N/h sul 3 to read NW "4 see 13 (T. 245, R. 26E) (Hyporgraphical ener) Blindry 3 all new pool: T. 225, R. 38E, Whene 18, all per 19 (Prod. Form. B; Suppl. #5) Encircon & add new prol: T. 225, R.37E, all sec 9 (Prod. Form. E; Sugapl # 4) Capitacke (5) Redefined in full: T. 125, R BIE. Elsoca B6 T. 125, R. 32E Sh Dec. 30, all per. 31 T. 135, R. 31E all pech, all per. 11, N/2 pre. 12 T. 135, R. 32E all auch, N'12 pu 7 (Prod. Form. Q; Suppl # 2, 4, 5) Cass (Sa) add num port: T. 205, R. 37E, all pun 23. (Prod. Form: PE, brood # 2, 5) Drughesity () Show Prod. Form: SA. Drinkard (Ridefined in full: T. 225, R. 37E. W12 Dec. 14, E'spec. 15, all area 23 24 25 26 all acs. 23,24,25,26 T. 225, R. 38E. allou 19, W/2 Dec 20, all surs. 29,30, 31,32 T. 235, R. 38E. NUr ou S, all Du. 6 (Delete "Yess" from pord same, Prod. Form. Dr) B Delete "Ellenburgen" from prol name
(a) Change NE'14 W/2 are 9 to read NE'14, W/2 are 9 (T. 185, R. 27E)
(typregraphical error) Dublin Empire Eurice -Mommunt (Show' Prod. Form: Q-G-SA Runice -(add to poldering: NE'14 per. 23 (T. 215, R. 34E, Suppl #3) West Gackern (2) Change prol description in T. 175, R. 3/E. to read: S's sec 7, 5's sec 8, 5's sec 111 & 18 incl. N/m. 512 puc7, 512 pu 8, 51/2 pu. 9, 51/2 pu 13) all secs. 14 to 18, incl., N'12 sec 19, N'1. ou 20, all peco. 21, 22, 23, N/2 per 26, N/2 an 27, N1/2 sec. 28. (Suppl. #4) Frien (11) add new pool: T.175, R. 30E. All puss. 22, to 27 incl., T. 175, R. 31 E. all pur. 19, 20, 21, 22, 29,30 (Prod. Form: SR, Suppl. #4) Harrison B add new pool: T. 235, R. 37E. SW Mpsu. 16, NW/4pu 21 (Prod. Form: P, Suppl. #5)

List of Corrections (Cont.)

#2

Jones (4) addrew pool: T.225, R. 37E. SE'14 are 1, NE'14 pic 12 T.225, R.38E. SW 14 pic 6, NW 4 pic. 7 (Pard. Form: Dr., Suppl. #5) Sovington, B Redefined in full: T. 165., R. 36E. . West T. 175., R. 36E. 51/2 per 32, SW /4 per 33 WIL sec 3, all secs. Hand 5, E'12, SW 14 pec. 6, N'12 per 7, N'12 pre. 8, N'12 per 9. (Suppl. #2, 3) Maljama (b) Rad to port description; had 7 Eady & T. 175, R 3/E. hea (byppl. #5 5h an 13, all and 24,25 Paddock (1) add nusport: T. 225, R. 37E (Prod. Form: P, Suppl. # 2, 4) all pers. 1, 12, 13 Palmillo (8) and Ford Form: G. Pearsall (9) add new prol: T. 175, R. 32E, all pers. 26, 32, 33, 34, 35 T. 185, R. 32E, all pice. 4, 5 (Vrod. Form: Q, Suppl. #4) Penne- 20 add: T. 225, R. 37 E, NE'4 per. 7 (Impol # 1) Skilly Premier (21) Delete SR from Prod. Form. under Fren port. SR production is now Red Later 22 add # pool description: N'2 Dec 28, N'2 pre, 29, NE'4 per. 30 (Suppl. # 2, 4) Rhodes (23) Change NII2SE'14 pie 20(T.26S., R.37E.) to NII2 , SE'14 per 20 (typographical anon, Suppl #1) Roberto, 24) hold new pool: T. 175, R. 32E. 51/2 sec. 2 West (Prod. Form: G, Suppl. #1) Robinson (25) Add to prod description: T.ILS., R.3IE. E''SE'14 Change N'2SW'14 see. 36 to read 'N'12, SW 44 see 36 (T.ILS, R3IE) (Suppl. #1)

Salt fake 20 Reprind in full: T. 205, R. 33E. all ser. 7, 18 (Suppl # 3, 4)

Storgap (27) Delite all sic 23, T. 205, R. 37E., now in Case pool

List of forrections (cont.)

Square Lake (28) Gdd to pool description: T. 16 S. R. 31E, SW 14 por 27, W13 pr 34 T. 17 S., R. 30 E. N'2 N'12 per 11 (Suppl. # 3, 5) Change Prod. Form: G-SA young 29 addrew port: T. 185., R. 32E. N. Du 20 (Prod. Form: Q, Suppl. # 2)

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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 securate records for each pool concerned.
- 3. To realize the maximum price (if any differential) from the higher gravity oils.

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

Very truly yours,

R. R. SPURRIER

RRS:mem



UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

P. 0. Box 997 Roswell, New Mexico March 7, 1946

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

Dear Mr. Spurrier:

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

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

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

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

Very truly yours,

FOSTER MORRELL, Supervisor, Oil and Gas Operations.

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

IL CONSERVATION COMMISSIC

February 5, 1946

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

Dear Mr. Morrell:

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

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

Very truly yours,

RRS:MS



UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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

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

Dear Mr. Spurrier:

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

Your attention is invited to an error that was previously overlooked. The S_{Ξ}^{\pm} 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,

rell

FOSTER MORRELL Supervisor, Oil and Gas Operations

cc: Mr. Glenn Staley Hobbs, New Mexico

File in Case 70 - not as an Exhibit but as information as to what wells are producing from certain new underlying or overlying 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, Pearsall, Brunson, Cass, Drinkard, and Paddock. The tabulation has been prepared so that it would be a convenient reference for the preparation of the proration schedule for January 1946, should the Commission approve the Nomenclature Committee recommendations as of January 1, 1946.

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

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

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

Very truly yours,

Jorrell

FOSTER MORRELL, Chairman Field Nomenclature Committee

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74 96 A. D. D. A. AL	•	•			•
PHIPPS OIL CO.					
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NEIER DRL;. CO.					
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TATES, MARTIN, JI	r., ET AL	_			
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BRUNSON POOL

(All sec. 9, 32 S., R. 17 E. Wells producing only from Ellemburger formation as of December 1, 1945.)

PENROSE, VEVILLE, INC. Penrose 1 F 9-22-37

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CASS POOL

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

CONTINENTAL	OIL CO.			
Skaggs B		2	E	23 -20-37
17		ズ	ĸ	11

DRINKARD POOL

(All secs. 23, 24, 25, 26, T. 22 S., R. 37 B.; all secs. 19, 29, 30, 31, 32, W¹/₂ sec. 20, T. 22 S., R. 38 E.; N¹/₂ sec. 5, all sec. 6, T. 23 S., R. 38 E. Wells producing only from Drinkard pay sones, lower Leonard formation, as of December 1, 1945.)

ANDERSON-PRICHARD OIL CORP. Lee 1 I 23-22-37

LEASE COMPANY	WELL	un i t	S. T. R.	
DEKALB AGRICULTUR	AL ASSOC	•		
Elliott	1	Ğ	6 -2 3 -3 8	
GULF DIL CORP.				
Boyd	2	0	23-22-37	
Drinkard	1	C	30-22-38	
Gutean	1	N	19-22-38	
Higgins	1	J	29-22-38	
Linsbery	1	K ·	#	
Pike	1	B	6 -23-38	
Scarborough	1	A	31-32-38	
State-And . CWR	1	В	3 2-22-3 8	
atkins	1	0	29-22-38	
SAMEDAN OIL CORP.				
Boyd	1	J	23 -22-37	
STANOLIND OIL & G	AS CO.	-		
State	1	C	32 -22-3 8	
TEXAS COMPANY				
Blinebry	2	N	29 -22-38	

PADDOCK POOL

(All sees. 1, 12, 13, T. 20 S., R. 37 E. Wells producing only from Paddock pay, upper Yeso formation, as of December 1, 1945.)

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LEASE COMPANY	WBLL	UNIT	S. T. R.	
REPOLLO OIL COM		В	12-22-37	
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Entre	COPY

November 17, 1945

Oil Conservation Commission Santa Fe, New Mexico

$\underline{\mathbf{P}} \underline{\mathbf{E}} \underline{\mathbf{T}} \underline{\mathbf{I}} \underline{\mathbf{T}} \underline{\mathbf{I}} \underline{\mathbf{O}} \underline{\mathbf{N}}$

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

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

Respectfully submitted,

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

Ce your 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 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 SE¹/₂ 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 $N_2^{\frac{1}{2}}$ sec. 1, $S_2^{\frac{1}{2}}$ sec. 12, all of sec. 13, T. 22 S., R. 37 E.
- Add to Drinkard pool all of secs. 23, 26, W¹/₂ sec. 24, W¹/₂ sec. 25, T. 22 S., R. 37E., 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. Add to Artesia poel the NE1 sec. 23, T. 18 S., R. 27 E.

Recommended new pool definitions:

 All see. 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, SE₁NW₁ sec. 9, at depths of 8059 to 8089 through casing perforations. 2. All sec. 23, T. 20 S., R. 37 E., to be known as the Penoco pool, to include oil and gas production from the Pennsylvanian formation found in the Skaggs B-23 well No. 2, SW2 NW2 sec. 23 at depths of 7700 to 7725 feet through casing perforations. This pool was defined and designated under Supplement No. 2 to Order No. 588, approved May 14, 1945, as Skaggs-Deep pool pending determination of the geological formation from which production was obtained. Bulletin 23 of the New Mexico Bureau of Mines and Mineral Resources, issued in October 1945, classifies the production as from the Pennsylvanian formation and official recognition as such is now warranted.

Respectfully submitted,

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

OIL CONSERVATION COMMISSIC SANTA FE, NEW MEXICO



January 16, 1946

Mr. Glenn Staley Proration Office Hobbs, New Mexico

Re: Case No. 70.

Dear Gleon:

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

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

With kindest personal regards.

Very truly yours,

Chief Clerk & Legal Adviser

RS

CHL:MS

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:

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

Also enclosed is copy of Order 633, Case 70.

Very truly yours,

Chief Clerk & Legal Adviser

CBL:MS

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

Recommended by the New Mexico Nomenclature Committee

د به ا مراجع می ایند م

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Revised as of January 1, 1946

POOL	PROD. FORM	COUNTY		DESCRIPTION
Anderson	G	Eddy	5	$S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 1, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 2, $SE_{\frac{1}{4}}^{\frac{1}{4}}$ sec. 3, all secs. 11, 12, $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 13, $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 14
			T. 17 S., R. 30 E.	$SW_{\frac{1}{2}}$ sec. 6, $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 7
Arrowhead	G	Lea		All secs. 24, 25, 26, \mathbb{E}_{2}^{1} sec. 34, all secs. 35, 36
			T. 22 S., R. 36 E.	All secs. 1, 2, $E_2^{\frac{1}{2}}$ sec. 3, all secs.
			T. 22 S., R. 37 E. 1	11, 12, 13, 14, 24 $W_{2}^{\frac{1}{2}}$ sec. 6, $W_{2}^{\frac{1}{2}}$, SE $_{4}^{\frac{1}{2}}$ sec. 7, all secs. 18, 19
Artesia	G	Eddy		$S^{\frac{1}{2}}$ sec. 32, $S^{\frac{1}{2}}$ sec. 33, $S^{\frac{1}{2}}$ sec. 34, $S^{\frac{1}{2}}$ sec. 35
			T. 18 S., R. 27 E.	SEL sec. 1, SEL sec. 11, all secs. 12, 13, EL sec. 14, NEL sec. 23, EL, NWL sec. 24, EL sec. 25, EL sec. 36.
			T. 18 S., R. 28 E. V	W_{2}^{1} sec. 2, all secs. 3, 4, 5, E_{2}^{1} , SW_{4}^{1} sec. 6, all secs. 7, 8, 9, 10, W_{2}^{1} sec. 11, all secs. 15 to 22, incl. and 27 to 34, incl.
			T. 19 S., R. 28 E.	All secs. 3, 4, 5, $N_2^{\frac{1}{2}}$ sec. 6, $NE_4^{\frac{1}{4}}$ sec. 9, all sec. 10
Atoka	SA	Eddy	T. 18 S., R. 26 E. 1	$E_2^{\frac{1}{2}}$ 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 River (abandoned)		Eddy	T. 24 S., R. 26 E. 1	NW1 sec. 13, NE1 sec. 14
Blinebry	В	Lea	T. 22 S., R. 38 E. V	W_{2}^{1} sec. 18, all sec. 19
Brunson	Е	Lea	T. 22 S., R. 37 E.	All sec. 9
Burton	Y	Eddy	T. 20 S., R. 29 E. 1	N ¹ / ₂ sec. 8

EXHIBIT "A"

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POOL	PROD. FORM.	COUNTY	DESCRIPTION
Caprock	Q	Chaves & Lea	T. 12 S., R. 31 E. E_{2}^{1} sec. 36 T. 12 S., R. 32 E. S_{2}^{1} sec. 30, all sec. 31 T. 13 S., R. 31 E. All sec. 1, all sec. 11, N_{2}^{1} sec. 12 T. 13 S., R. 32 E. All sec. 6, N_{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, 2 21, 22, 27, 28, 33, 34 T. 24 S., R. 36 E. $W_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 2, all secs. 3 & 4, $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 9, all sec. 10, $W_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 11, $SW_{\frac{1}{2}}^{\frac{1}{2}}$ sec 13, all secs. 14, 15, 22, 23, $W_{\frac{1}{2}}^{\frac{1}{2}}$ se 24, $W_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 25, all secs. 26, 27, 3 35, $W_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 36
			T. 25 S., R. 36 E. All secs. 1, 2, 3, 11, 12, 13, 14, 24, 25, 26, 36 T. 25 S., R. 37 E. SW1 sec. 6, W2 sec. 7, W2 sec. 18, W2 sec. 19, W2 sec. 30, all sec. 31 SW1 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 ¹ 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 $\frac{1}{2}$ sec. 23, S $\frac{1}{2}$ sec. 24, all secs. 2 26, N $\frac{1}{2}$ sec. 35
Dayton, Eas	tG	Eddy	T. 18 S., R. 27 E. NW2 sec. 29
Drinkard	DR	Lea	T. 22 S., R. 37 E. $W_{\overline{2}}^{1}$ sec. 14, $E_{\overline{2}}^{1}$ sec. 15, all secs. 2 24, 25, 26 T. 22 S., R. 38 E. All sec. 19, $W_{\overline{2}}^{1}$ sec. 20 All secs. 29, 30, 31, 32 T. 23 S., R. 38 E. $N_{\overline{2}}^{1}$ sec. 5, all sec. 6
Dublin	E	Lea	r. 26 S., R. 37 E. All secs. 11, 12, 13, 14
Eaves	Y-SR	Lea	F. 26 S., R. 36 E. All secs. 12, 13, 24, 25 C. 26 S., R. 37 E. $W_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 7, all secs. 18, 19, $SW_{\frac{1}{4}}^{\frac{1}{2}}$ sec. 20, $W_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 29, all secs. 30, $\frac{1}{2}$ $W_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 32

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POOL	PROD. FORM	COUNTY		DESCRIPTION
Eighty- Four Draw	G	Lea	T. 21 S., R. 38 E.	All sec. 8
Empire	Y-G-SA	Eddy	T. 17 S., R. 27 E.	$S^{\frac{1}{2}}$ sec. 13, all secs. 24, 25, $E^{\frac{1}{2}}$ sec. 26, $S^{\frac{1}{2}}$ sec. 33, all secs. 34,
			T. 17 S., R. 28 E. T. 18 S., R. 27 E.	35, 36 $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 18, all sec. 19, $W_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 30 $N_{\frac{1}{2}}^{\frac{1}{2}}$ Sec. 2, all secs. 3, 4, 5, $E_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 6, $E_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 7, all sec. 8 $NE_{\frac{1}{4}}^{\frac{1}{2}}$ W $_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 9
Eunice- Monument		Lea	T. 19 S., R. 36 E.	E_{2}^{1} sec. 12, all secs. 13, 23, 24, 25, 26, 27, 34, 35, 36
			T. 19 S., R. 37 E.	All secs. 7, 8, $W_2^{\frac{1}{2}}$ sec. 9, $W_2^{\frac{1}{2}}$ sec. 16 All secs. 17, 18, 19, 20, 21
			T. 20 S., R. 36 E.	S $\frac{1}{2}$ sec. 27, all secs. 28 to 34 incl. All secs. 1, 2, 3, 10, 11, 12, 13, 14 E $\frac{1}{2}$ sec. 15, all secs. 23, 24, 25, 26, 35, 36
			T. 20 S., R. 37 E.	All secs. 3 to 10 incl. & 15 to 21, incl., W_2^1 sec. 22, all secs. 29, 30,
			T. 21 S., R. 35 E. T. 21 S., R. 36 E.	31, 32, 33 All secs. 1, 12, 13, 24, $E_{2}^{\frac{1}{2}}$ sec. 25. SW ¹ / ₄ sec. 1, all secs. 2 to 11, incl W ¹ / ₂ sec. 12, W ¹ / ₂ sec. 13, all secs. 14 to 22, incl., NW ¹ / ₄ sec. 23, W ¹ / ₂ sec. 27, all secs. 28, 29, 30, NE ¹ / ₄ sec. 31, all secs. 32, 33, W ¹ / ₂ sec. 34.
Eunice; South	SR	Lea	T. 21 S., R. 35 E. T. 21 S., R. 36 E. T. 22 S., R. 35 E. T. 22 S., R. 36 E.	E_{2}^{1} sec. 36 NW_{4}^{1} , S_{2}^{1} sec. 31 E_{2}^{1} sec. 1 W_{2}^{1} sec. 4, all secs. 5, 6, 7, 8, 9, W_{2}^{1} sec. 15, all secs. 16 to 21, incl., W_{2}^{1} sec. 22, W_{2}^{1} sec. 26 All secs. 27, 28, 29, E_{2}^{1} sec. 30, NE_{4}^{1} sec. 31, N_{2}^{1} sec. 32, N_{2}^{1} sec. 33, N_{2}^{1} sec. 34, NW_{4}^{1} sec. 35
Eunice , West	Y	Lea		$E_{2}^{\frac{1}{2}}$ sec. 12, all sec. 13, $E_{2}^{\frac{1}{2}}$ sec. 14, NE ₄ sec. 23, N ¹ / ₂ sec. 24. S ¹ / ₂ sec. 6, all secs. 7, 18
Fenton	D	Eddy	T. 21 S., R. 28 E.	
Fren	SR	Eddy	T. 17 S., R. 30 E. T. 17 S., R. 31 E.	All sec. 22 to 27 incl. All secs. 19, 20, 21, 22, 29, 30

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	PROD. FORM	COUNTY							DESCRIPTION
Getty	Y	Eddy	T.	20	s.,	R.	29	e.	SW_{4}^{1} sec. 13, SE_{4}^{1} sec. 14, E_{2}^{1} sec. 23, W_{2}^{1} sec. 24, NW_{4}^{1} sec. 25, NE_{4}^{1} sec. 26
Grayburg- Jackson	SA	Eddy	T.	17	s.,	R.	29	Ξ.	$(\underline{S_{2}^{\perp} \text{ sec. 13}})$, S_{2}^{\perp} sec. 14, all secs. 20 t 29, incl., N_{2}^{\perp} sec. 32, N_{2}^{\perp} sec. 33, N_{2}^{\perp} sec. 34, N_{2}^{\perp} sec. 35.
			Τ.	17	s.,	R.	30	E.	$S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 12, all secs. 13, 14, 15, 16, 17, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 18, all secs. 19, 20, 21, $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 22, $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 23, $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 24, $N_{\frac{1}{2}}^{\frac{1}{2}}$
			T.	17	s.,	R.	31	Ε.	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)	Т	Eddy	T.	20	s.,	R.	30	E.	SW_4^1 sec. 12, NW_4^1 sec. 13
Halfway	Y	Lea	T.	20	s.,	R.	32	H.	$S^{\frac{1}{2}}$ sec. 9, all sec. 16
Hardy	G	Lea	Т. Т.	20 21	s.,	R. R.	38 36	E. E.	All sec. 36 All sec. 31 Lots 1, 2, 7, 8, 9, 10, 15, 16, sec. 1 All secs. 5, 6
Harrison	P	Lea	T.	23	s.,	R.	37	E.	SW_4^1 sec. 16, NW_4^1 sec. 21
Henshaw	SA	Eddy	T.	16	s.,	R.	30	E.	All sec. 13
High Lonesome	Q	Eddy	T.	16	s.,	R.	29	E.	SW $\frac{1}{2}$ 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} , NE_{4}^{1} sec. 32, all sec. NE_{4}^{1} sec. 1 N_{2}^{1} sec. 4, N_{2}^{1} sec. 5, N_{2}^{1} sec. 6
Hobbs	SA	Lea	Τ. Τ.	18 18	s., s.,	R• R•	37 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.	
Jal	(See	Cooper-Jal)						
Jones	DR.	Lea	T. T.	22 22	s., s.,	R. R.	37 38	E. E.	SEA sec. 1, NEA sec. 12 SWA sec. 6, NWA sec. 7

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POOL	PROD. FORM	COUNTY	DESCRIPTION
Langlie-	SR-Q	Lea	T. 23 S., R. 36 E. All sec. 25, $E_2^{\frac{1}{2}}$ sec. 26, $E_2^{\frac{1}{2}}$ sec. 35,
Mattix			all sec. 36 T. 23 S., R. 37 E. $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 28, all secs. 29 to 34, incl. T. 24 S., R. 36 E. All sec. 1, all sec. 12, NE $\frac{1}{4}$ sec. 13 T. 24 S., R. 37 E. All secs. 2 to 11, incl., 14, 15, 16, 17, 18, E $\frac{1}{2}$ sec. 19, all secs. 20, 21, 22, 23, 26, 27, 28, 29, E $\frac{1}{2}$ sec. 30, E $\frac{1}{2}$ sec. 31, all secs. 32, 33, 34, 35.
			T. 25 S., R. 37 E. All secs. 2, 3, 4, 5, NE_4^1 sec. 6, all secs. 8, 9, 10, 11, W_2^1 sec. 13, all secs. 14, 15, 16, 17, E_2^1 sec. 19, all secs. 20, 21, 22, 23, W_2^1 sec. 24, W_2^1 sec. 25, all secs. 26, 27, 28, 29, NE_4^1 sec. 32, N_2^1 sec. 33, N_2^1 sec. 34, all sec. 35, W_2^1 sec. 36 T. 26 S., R. 37 E. NW_4^1 sec. 1, NE_4^1 sec. 2
Lea	Y	Lea	T. 20 S., R. 34 E. W_{2}^{1} sec. 14
Leo	G	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
Loco Hills	G	Eddy	T. 17 S., R. 29 E. $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 31, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 32, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 33, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 34, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 35, all sec. 36
			T. 17 S., R. 30 E. $S\frac{1}{2}$ sec. 29, all secs. 31 & 32 T. 18 S., R. 29 E. All secs. 1 to 18, incl. T. 18 S., R. 30 E. All secs. 5, 6, 7, 18
Lovington	SA	Lea	T. 16 S., R. 36 E. S_{2}^{1} sec. 25, S_{2}^{1} sec. 26, all secs. 35 & 36
			T. 16 S., R. 37 E. S_{2}^{1} sec. 30, all sec. 31
			T. 17 S., R. 36 E. All secs. 1 & 2, N $\frac{1}{2}$ sec. 11, N $\frac{1}{2}$ sec. 12 T. 17 S., R. 37 E. All sec. 6, N $\frac{1}{2}$ sec. 7
Lovington, West	SA	Lea	T. 16 S., R. 36 E. $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 32, $SW_{\frac{1}{4}}^{\frac{1}{2}}$ sec. 33 T. 17 S., R. 36 E. $W_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 3, all secs. 4 and 5, $E_{\frac{1}{2}}^{\frac{1}{2}}$, $SW_{\frac{1}{4}}^{\frac{1}{4}}$ sec. 6, $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 7, $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 8, $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 9
Lusk, East	Y	Lea	T. 19 S., R. 32 E. S_{2}^{1} sec. 21, N_{2}^{1} sec. 28
Lusk	Y	Eddy & Lea	T. 19 S., R. 31 E. All sec. 24 T. 19 S., R. 32 E. W_2^1 sec. 19
Lusk, West	Y	Eddy	T. 19 S., R. 31 E. SE_4^1 sec. 15, NE_4^1 sec. 22
L ynch	Y	Lea	T. 20 S., R. 34 E. $S_{2}^{\frac{1}{2}}$ sec. 27, all sec. 34, $SW_{4}^{\frac{1}{4}}$ sec. 35 T. 21 S., R. 33 E. $W_{2}^{\frac{1}{2}}$ sec. 1, all sec. 2
Lynch, Nort	h Y	Lea	T. 20 S., R. 34 E. E_2^1 sec. 18

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PO	OL	Prod.								
		FORM.	COUNTY							DESCRIPTION
Ma	ljamar	G SA	Eddy & Lea	T. T.	17 17	s., s.,	R. R.	31 32	E. E.	S_{2}^{1} sec. 13, all secs. 24, 25 SE ₄ 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, $S^{\frac{1}{2}}$ sec. 20, $SW^{\frac{1}{4}}$ sec. 21, $W^{\frac{1}{2}}$ sec. 28, all secs. 29, 30, $N^{\frac{1}{2}}$ sec. 31, $N^{\frac{1}{2}}$ sec. 32
		•		Τ.	18	s.,	R.	32	E.	
	ljamar, rth	G	Lea	T.	17	s.,	R.	32	E.	SW_{4}^{1} sec. 5, SE_{4}^{1} sec. 6, NE_{4}^{1} sec. 7, NW_{4}^{1} sec. 8
	ljamar, uth	G SA	Lea	T.	18	s.,	R.	32	E.	$SW_{\frac{1}{4}}^{\frac{1}{2}}$ sec. 14, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 15, all sec. 22, $W_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 23
Ma	ttix (Sea	e Langlie	e-Mattix)							
Mc	Millan	SA	Eddy	T.	19	s.,	R.	27	E.	E½ sec. 31
Mo	nument (;	See Eunio	ce-Monument)							
· Pa	ddock	P	Lea	Τ.	22	s.,	R.	37	E.	All secs. 1, 12, 13
	lmillo bandoned)	G	Eddy	T.	18	s.,	R.	29	E.	S ¹ / ₂ sec. 30
PC.	A	Y	Eddy	T.	20	s.,	R.	30	E.	$S_{\overline{2}}^{1}$ sec. 10, all sec. 15
Pe	arsall	Q	Lea	Т• Т•	17 18	S., S.,	R. R.	32 32	E. E.	All secs. 26, 32, 33, 34, 35 All secs. 4, 5
	nrose - (elly	? G	Lea			S., S.,				$E_{2}^{\frac{1}{2}}$ sec. 13 $S_{2}^{\frac{1}{2}}$ sec. 7, $S_{2}^{\frac{1}{2}}$ sec. 8, $S_{2}^{\frac{1}{2}}$ sec. 16, all secs. 17, 18, $E_{2}^{\frac{1}{2}}$ sec. 19, all secs. 20, 21, 27, 28, 29, $E_{2}^{\frac{1}{2}}$ sec. 30, $E_{2}^{\frac{1}{2}}$ sec. 31,
				Т.	22	s.,	R.	37	E.	all secs. 32, 33, 34, 35
				T.	23	s.,	R.	37	e.	secs. 32, 33, 34, W_{2}^{\perp} sec. 35 W_{2}^{\perp} sec. 2, all secs. 3, 4, 5, 6, 7, 8, 9, 10, W_{2}^{\perp} sec. 11, W_{2}^{\perp} sec. 14, all secs. 15, 16, 17, 18, N_{2}^{\perp} sec. 19, N_{2}^{\perp} sec. 20
Pre	emier	G	Eddy	T.	17	s.,	R.	30	E.	
				T.	17	s.,	R.	31	E.	secs. 25, 26, 27, 28, 33, 34, 35, 36 $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 19, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 20, all secs. 29, 30, $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 31

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POOL	PRO FORI		
Red Lake			DESCRIPTION
	G	Eddy	T. 17 S., R. 28 E. 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 ¹ / ₂ sec. 27, N ¹ / ₂ sec. 28, N ¹ / ₂ sec. 29, NE ¹ / ₄ sec. 30
Rhodes	Y	Lea	T. 26 S., R. 37 E. All secs. 4, 5, 6, E_{2}^{1} sec. 7, all secs. 8, 9, S_{2}^{1} sec. 10, all secs. 15, 16, 17, N_{2}^{1} , SE_{4}^{1} sec. 20, all secs. 21, 22, S_{2}^{1} sec. 23, all secs. 26, 27, 28, 34, 35
Roberts	G	Lea	T. 17 S., R. 33 E. S $\frac{1}{2}$ sec. 6, N $\frac{1}{2}$ sec. 7
Roberts, West	G	Lea	T. 17 S., R. 32 E. $S_2^{\frac{1}{2}}$ sec. 2
Robinson	G-SA	Eddy & Lea	T. 16 S., R. 31 E. S_{2}^{1} sec. 25, $E_{2}^{1}SE_{4}^{1}$ sec. 34, all sec. 35, N_{2}^{1},SW_{4}^{1} sec. 36
			T. 16 S., R. 32 E. SW2 sec. 30, NW2 sec. 31
Russell	Ϋ́	Eddy	T. 20 S., R. 28 E. $S_{2}^{\frac{1}{2}}$ sec. 12, all secs. 13, 14, 23, $W_{2}^{\frac{1}{2}}$ sec. 24
Salt Lake	Y	Lea	T. 20 S., R. 33 E. All secs. 7, 18
San Simon	Y	Lea	T. 21 S., R. 35 E. SEZ sec. 32, SWZ sec. 33 T. 22 S., R. 35 E. NWZ sec. 4, NEZ sec. 5
Scanlon (gas only)	T	Eddy	T. 20 S., R. 29 E. SW sec. 29, SE sec. 30
Shugart	Y-Q	Eddy	T. 18 S., R. 31 E. $S_{2}^{\frac{1}{2}}$ sec. 34, SW sec. 35 T. 19 S., R. 31 E. NW sec. 2, N sec. 3
Shugart, North	Ĵ	Eddy	T. 18 S., R. 31 E. $S_{2}^{\frac{1}{2}}$ sec. 8, $S_{2}^{\frac{1}{2}}$ sec. 9, $S_{2}^{\frac{1}{2}}$ sec. 10, $S_{2}^{\frac{1}{2}}$, $NE_{4}^{\frac{1}{2}}$ sec. 11, $W_{2}^{\frac{1}{2}}$ sec. 12, $NW_{4}^{\frac{1}{2}}$ sec. 13, $N_{2}^{\frac{1}{2}}$ sec. 14, all secs. 15, 16, 17, 18, 20, 21, $N_{2}^{\frac{1}{2}}$ sec. 22, $N_{2}^{\frac{1}{2}}$ sec. 28, $N_{2}^{\frac{1}{2}}$ sec. 29.
Skaggs	SA	Lea	T. 20 S., R. 37 E. All secs. 24, N ¹ / ₂ sec. 25 T. 20 S., R. 38 E. All sec. 19, N ¹ / ₂ sec. 30
Skelly (Se	ee Penro	se-Skelly)	

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POOL	PROD. FORM.	COUNTY	DESCRIPTION
Square Lake	e G-SA	Eddy	T. 16 S., R. 30 E. $S_2^{\frac{1}{2}}$ sec. 24, all secs. 25, 26, 27, $S_2^{\frac{1}{2}}$ sec. 28, $E_2^{\frac{1}{2}}$ sec. 32, all secs.
			33, 34, 35, 36 T. 16 S., R. 31 E. $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 19, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 20, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 21, $SW_{\frac{1}{4}}^{\frac{1}{4}}$ sec. 27, all secs. 28 to 33, incl.,
			W \pm sec. 34 T. 17 S., R. 30 E. All secs. 1, 2, 3, 4, $E\pm$ sec. 5, $N\pm N\pm$ sec. 11
			T. 17 S., R. 31 E. N_{2}^{1} sec. 6
Tonto	SR	Lea	T. 19 S., R. 33 E. $E_2^{\frac{1}{2}}$ sec. 22, $W_2^{\frac{1}{2}}$ sec. 23
Turkey Trac	k Q	Eddy	T. 18 S., R. 29 E. $S_{2}^{\frac{1}{2}}$ sec. 34, $SW_{4}^{\frac{1}{2}}$ sec. 35 T. 19 S., R. 29 E. $W_{2}^{\frac{1}{2}}$ sec. 2, all sec. 3, $N_{2}^{\frac{1}{2}}$ sec. 10, $NW_{4}^{\frac{1}{2}}$ sec. 11
Young	Q	Lea	T. 18 S., R. 32 E. N_2^1 sec. 20
Vacuum	G-SA	Lea	T. 17 S., R. 34 E. All secs. 3 to 17, incl., 20 to 29,
			incl., and 32 to 36 incl. T. 17 S., R. 35 E. All sec. 7, all secs. 18 to 36 incl. T. 18 S., R. 34 E. All secs. 1, 2, 3, 4, 11, 12 T. 18 S., R. 35 E. All secs. 3, 4, 5, 6, 7

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

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CONSERVATION COMMISSION SANTA FE, NEW MEXICO

SUPPLEMENT NO. 4

Order 518

RECOMMENDATIONS OF NEW MEXICO NOMENCLATURE COMMITTEE, DATED NOVEMBER 17 AND NOVEMBER 19, 1945, for new additions to peols and the designation of new pools, for effective date of January 1, 1946.

Add to Paddock pool the N $\frac{1}{2}$ sec. 1, S $\frac{1}{2}$ sec. 12, all of sec. 13, T. 22S., R. 37 E.

Add to Drinkard pool all of sec. 23, 26, W_2^1 sec. 24, W_2^1 sec. 25, T. 22S., R. 37 E., NE¹/₄ 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.

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

Add to Artesia pool the NE2 sec. 23, T. 18S, R. 27E.

Add to Salt Lake pool the NaNa sec. 7 and Sa sec. 18, T. 20S, H. 333.

All sec. 9, T. 22s, h. 37E., 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 NW4 sec. 9, at depths of 8059 to 8089 through casing perforations.

All sections 22, 23, 24, 25, 26, 27, T. 178, R. 30E.; all sections 19, 20, 21, 22, 29 and 30, T. 178, R. 31E., to be known as the Fren pool, to include oil and gas production from the Seven Rivers formation of Permian age found in the Friess well No. 1, $SW_4^1SE_4^1$ Sec. 19, T. 178., R. 31 E., at depths of 1920 to 1980 feet.

All sections 26, 32, 33, 34, 35, T. 175., R. 32E.; all sections 4 and 5, T. 185., R. 32E to be known as the Fearsall pool, to include production from the Queen formation of Permian age found in the Walker well No. 1, SEMNEM sec. 5, T. 185., R. 32D, at depths of 3673 to 3694 feet. Froduction 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.

SANTA FE, NEW MEXICO

SUPPLEMENT NO. 5 to Order 703

RECOMMENDATIONS OF NEW MEXICO NOMENCLATURE COMMITTEE, DATED DECEMBER 26, 1945, FOR ADDITIONS TO POOLS AND THE DESIGNATION OF NEW POOLS FOR EFFECTIVE DATE AS OF JANUARY 1, 1946.

Add to Caprock pool: All sec. 11, N_2^2 sec. 12, T. 13 S., R. 31 E. Add to Drinkard pool: W_2^2 sec. 14, E_2^1 sec. 15, T. 22 S., R. 37 E. Add to Square Lake pool: SW_4^2 sec. 27, T. 16 S., R. 31 E.

Jones pool (New Pool): SW1 sec. 6, NW1 sec. 7, T. 22 S., R. 33 E., SE2 sec. 1, NE1 sec. 12, T. 22 S., R. 37 E. To include production from the Drinkard pay some only. See N. M. Bureau Mines Bull. #23.

Blinebry pool (new pool) W¹/₂ sec. 13, all sec. 19, T. 22 S., R. 38E. To include production from the Blinebry pay only.

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. 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: S_{Ξ}^{\pm} Sec. 12 and N_{Ξ}^{\pm} Sec. 13 of T. 13S, R. 3LE; and S_{Ξ}^{\pm} Sec. 7, W_{Ξ}^{\pm} Sec. 8, NW_{Ξ}^{\pm} Sec. 17, and N_{Ξ}^{\pm} Sec. 18 of T. 13S, R. 32E.

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

Extend the Drinkard pool as follows, which includes the area formerly assigned to the Jones pool plus an additional area in which wells producing from the Drinkard reservoir have been completed, are currently drilling or testing: Sections 20, 21, 20, 27, 28, 29, 32 and the $E_{\overline{2}}^{\frac{1}{2}}$ Sec. 30, all in T. 21S, R. 37E; Sections 1, 5, 8, 12, and the $E_{\overline{2}}^{\frac{1}{2}}$ Sec. 13 and the $E_{\overline{2}}^{\frac{1}{2}}$ Sec. 16 of T. 22, R. 37E, and the $SW_{\overline{4}}^{\frac{1}{2}}$ Sec. 6, the $W_{\overline{2}}^{\frac{1}{2}}$ Sec. 7, and the $W_{\overline{2}}^{\frac{1}{2}}$ Sec. 18 of T. 22S, R. 38E.

Extend the Brunson pool to include: $N_{\overline{2}}^{1}$ Sec. 4, $NW_{\overline{4}}^{1}$ Sec. 15, and $NE_{\overline{4}}^{1}$ Sec. 16 of T. 225, R. 37E.

Extend the Blinebry pool to include: SE_4^1 Sec. 12, and E_2^1 Sec. 13 of T. 22S, R. 37E, all or Sections 30 and 31 of T. 22S, R. 38E, and Sec. 6 of T. 23S, R. 38E.

Extend the Justis pool to include: SW_4^1 Sec. 1 and SE_4^1 Sec. 2 of T. 25S, R. 37E.

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

Define the Baish pool (new pool) to include: E_{\pm}^{\pm} Sec. 20, all Sec. 21, W_{\pm}^{\pm} Sec. 22, and N_{\pm}^{\pm} Sec. 28 of T. 17S, R. 32E.

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

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

Extend the Anderson pool to include: N_2^2 sec. 2, and NE_2^1 sec. 3 of T. 17S., R. 292.

Extend the Square Lake pool to include: NM_{12}^{2} sec. 3, N_{22}^{2} sec. 4, and N_{23}^{2} sec. 5 of T. 17S., R. 315.

Extend the Drinkard pool to include: all sec. 33, E_2^{\pm} sec. 35, and W_2^{\pm} sec. 36 of T. 21S., R. 37., and, the E_2^{\pm} sec. 2 of T. 22S., R. 37.

Extend the Cooper - Jal pool to include: all of sec. 14, T. 235., R. 363.

Extend the Justis pool to include: the NE_4^1 sec. 11, and NW_2^1 sec. 12, T. 25S., R. 37Z.

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 $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 3 and the $N_{\frac{1}{2}}^{\frac{1}{2}}$ of sec. 10, all in T. 175., R. 32E.

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

Define a new pool to be known as the Weir Pool to include the E_2^1 sec. 22, all of sec. 23, the W_2^1 sec. 24, the NW_4^1 sec. 25, the N_2^1 sec. 26, and the NE_4^1 sec. 27, all in T. 20S., R. 37E.

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

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

Add to definition of Paddock pool the S_{2}^{\pm} sec. 35 and the S_{2}^{\pm} sec. 36, T. 21S., R. 37E. All of sections 3, 4, 5, 8, 9, and W_{2}^{\pm} sec. 10, W_{2}^{\pm} sec. 15, and N_{2}^{\pm} sec. 16, T. 22S., R. 37E.; the SW_{4}^{\pm} sec. 31, T. 21S., R. 38E.; and, the W_{2}^{\pm} sec. 6 and W_{2}^{\pm} sec. 7, T. 22S., R. 38E.

Add to the definition of Drinkard pool all sec. 34 and $W_{2}^{\frac{1}{2}}$ sec. 35, T. 21S., R. 37E.; the $W_{2}^{\frac{1}{2}}$ sec. 2, all of sections 3, 4, 9, 10, 11, the $W_{2}^{\frac{1}{2}}$ sec. 13, the $E_{2}^{\frac{1}{2}}$ sec. 14, the $W_{2}^{\frac{1}{2}}$ sec. 15, the $E_{2}^{\frac{1}{2}}$ sec. 22, and all of sec. 36, T. 22S., R. 37E.; The $E_{2}^{\frac{1}{2}}$ sec. 20, T. 22S., R. 38E.; and the $S_{2}^{\frac{1}{2}}$ sec. 5, T. 23S., R. 38E.

Add to definition of Brunson pool the $SW_{\frac{1}{2}}$ sec. 3, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 4, $SE_{\frac{1}{4}}^{\frac{1}{2}}$ sec. 5, $E_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 8, and the $W_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 10, T. 22S., R. 37E.

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

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

Additions to pool definitions:

Add to definition of Paddock pool all of sec. 2, the \mathbb{B}_2^+ sec. 10, all of secs. 11 and 14, and the \mathbb{B}_2^+ sec. 15, T. 22 S., R. 37 E.

Add to definition of Penrose-Skelly pool the $N_2^{\frac{1}{2}}$ sec. 21, T. 23 S., R. 37 E.

Add to definition of Langlie-Mattix pool the S_2 sec. 19, T. 23 S., R. 37 \angle .

Add to definition of West Hoberts pool the SW_4^2 sec. 1, N_2^2 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{W}_2^1 sec. 5, T. 17 S., R. 37 E.

New pool definitions:

The S_2^+ sec. 26, the S_2^- sec. 27, and all of secs. 34 and 35, T. 16 S., R. 29 μ_{\bullet} , to be known as the Forest pool.

The S_2^{\perp} sec. 31, T. 18 S., R. 32 S., and the N_2^{\perp} sec. 6, T. 19 S., R. 32 E., to be known as the Watkins pool.

The SE_4^2 sec. 11, the SW_4^1 sec. 12, the NW_4^1 sec. 13, and the NE_4^1 sec. 14, T. 25 S., h. 37 E., to be known as the Justis pool.

IL CONSERVATION COMMISSIC

February 1, 1946

Mr. Roy Yarbrough Oil Conservation Commission Hobbs, New Mexico

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

Re: Case No. 70 - Order No. 633

Gentlemen:

Enclosed please find mimeographed copy of the above captioned order.

Very truly yours,

Chief Clerk & Legal Adviser

CBL:MS

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

Recommended by the New Mexico Nomenclature Committee

Revised as of January 1, 1946

POOL	PROD. FORM	COUNTY	_	DESCRIPTION
Anderson	G	Eddy	T. 17 S., R. 29 E.	
19 19 19 19 19 19 19 19 19 19 19 19 19 1			T. 17 S., R. 30 E.	secs. 11, 12, N_2^1 sec. 13, N_2^1 sec. 14 SW ₄ ¹ sec. 6, N_2^1 sec. 7
Arrowhea d	G	Lea	T. 21 S., R. 36 E.	All secs. 24, 25, 26, E_2^1 sec. 34, all
			T. 22 S., R. 36 E.	secs. 35, 36 All secs. 1, 2, E_2^1 sec. 3, all secs.
:			T. 22 S., R. 37 E.	11, 12, 13, 14, 24 W_2^1 sec. 6, W_2^1 , SE $\frac{1}{4}$ sec. 7, all secs. 18, 19
Artesia	G	Eddy	T. 17 S., R. 28 E.	$S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 32, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 33, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 34,
			T. 18 S., R. 27 E.	SW ¹ / ₄ sec. 35 SE ¹ / ₄ sec. 1, SE ¹ / ₄ sec. 11, all secs. 12, 13, E ¹ / ₂ sec. 14, NE ¹ / ₄ sec. 23, E ¹ / ₂ , NW ¹ / ₄ sec. 24, E ¹ / ₄ sec. 25, E ¹ / ₄ sec. 26
			T. 18 S., R. 28 E.	sec. 24, $E_{2}^{\frac{1}{2}}$ sec. 25, $E_{2}^{\frac{1}{2}}$ sec. 36. $W_{2}^{\frac{1}{2}}$ sec. 2, all secs. 3, 4, 5, $E_{2}^{\frac{1}{2}}$, $SW_{2}^{\frac{1}{2}}$ sec. 6, all secs. 7, 8, 9, 10, $W_{2}^{\frac{1}{2}}$ sec. 11, all secs. 15 to 22, incl. and 27
			T. 19 S., R. 28 E.	to 34, incl. All secs. 3, 4, 5, $N_2^{\frac{1}{2}}$ sec. 6, $NE_4^{\frac{1}{2}}$ sec. 9, all sec. 10
Atoka	SA	Eddy	T. 18 S., R. 26 E.	$\mathbf{E}_{\overline{z}}^{1}$ sec. 15
Barber	Y	Eddy	T. 20 S., R. 30 E.	$S_2^{\frac{1}{2}}$ sec. 17, all sec. 20
Benson	Y	Eddy	T. 19 S., R. 30 E.	All sec. 16
Black River (abandoned)		Eddy	T. 24 S., R. 26 E.	NW_4^1 sec. 13, NE2 sec. 14
Blinebry	В	Lea	T. 22 S., R. 38 E.	W_2^1 sec. 18, all sec. 19
Brunson	E	Lea	T. 22 S., R. 37 E.	All sec. 9
Burton	Y	Eddy	T. 20 S., R. 29 E.	N_{Ξ}^{1} sec. 8

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		PROP. FORM.	COUNTY			- ,.		•		DESCRIPTION
	Caprock		Chaves & Lea	Τ. Τ.	12 13	s., s.,	R. R.	32 31	E.	E 3ec. 36 S ¹ / ₂ sec. 30, all sec. 31 All sec. 1, all sec. 11, N ¹ / ₂ sec. 12 All sec. 6, N ¹ / ₂ sec. 7
	Cass	PS	Lea	T.	20	s.,	R.	37	E.	All sec. 23
	Cave (abandoned)	G	Eddy	T,	17	s.,	R.	29	E.	SE: sec. 8, SW: sec. 9, NW: sec. 16, NE: sec. 17
	Comanche	SA	Chaves	T.	11	s.,	R.	26	E.	$N_{\overline{2}}^{1}$ sec. 15
	Cooper-Jal	Y-S R	Lea							All secs. 4, 5, 8, 9, 15, 16, 17, 20, 21, 22, 27, 28, 33, 34
		T. 24 S., R. 36 E. W½ sec. 2, all's 9, all sec. 10, 13, all secs. 14 24, W½ sec. 25,	W ¹ / ₂ sec. 2, all secs. 3 & 4, N ¹ / ₂ sec. 9, all sec. 10, W ¹ / ₂ sec. 11, SW ¹ / ₄ sec. 13, all secs. 14, 15, 22, 23, W ¹ / ₂ sec. 24, W ¹ / ₂ sec. 25, all secs. 26, 27, 34.							
				T.	25	s.,	R.	36	E.	35, W_{2}^{\pm} sec. 36 All secs. 1, 2, 3, 11, 12, 13, 14, 23,
									E.	24, 25, 26, 36 SW_{\pm}^{1} sec. 6, W_{\pm}^{1} sec. 7, W_{\pm}^{1} sec. 18, W_{\pm}^{1} sec. 19, W_{\pm}^{1} sec. 30, all sec. 31, SW_{\pm}^{1} sec. 32
	Corbin	Q	Lea	T.	18	s.,	R.	3 3	E.	$E_{\overline{z}}^{1}$ sec. 9, $W_{\overline{z}}^{1}$ sec. 10
	Culwin	Q	Eddy	T.	19	s.,	R.	31	E.	$\mathbb{N}^{1}_{\mathcal{Z}}$ sec. 6
	Daugherty	SA	Eddy	T.	17	s.,	R.	27	E.	All sec. 3
	Dayton	G	Eddy		18	з.,	R.	26	Ξ.	S_{2}^{1} sec. 23, S_{2}^{1} sec. 24, all secs. 25, 26, N_{2}^{1} sec. 35
	Dayton, East	tG	Eddy	₽.	18	s.,	R.	27	E.	NW] sec. 29
	Drinkard	DR	Lea		2 2	s.,	R.	37	Е.	W_{2}^{2} sec. 14, E_{2}^{2} sec. 15, all secs. 23,
		·		″⊓ ₹.●	22	s.,	R.	38	Ξ.	24, 25, 26 All sec. 19, W2 sec. 20
) _ •	23	s.,	R.	38	Ξ.	All secs. 29, 30, 31, 32 NJ sec. 5, all sec. 6
	Dublin	Е	Lea	.	26	s.,	R.	37	<u>F</u> .	All secs. 11, 12, 13, 14
	Eaves	Y - SR		a .	26	s.,	R.	36	E.	All secs. 12, 13, 24, 25 W2 sec. 7, all secs. 18, 19, SW_2^1 sec. 20, W_2^1 sec. 29, all secs. 30, 31, W_2^2 sec. 32

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POOL	PROD. FORM	COUNTY			DESCRIPTION
Eighty- Four Draw	G	Lea	T. 21 S., R.	. 38 E.	All sec. 8
Empire	Y-G-SA	Eddy	T. 17 S., R	. 27 E.	$S_{2}^{\frac{1}{2}}$ sec. 13, all secs. 24, 25, $E_{2}^{\frac{1}{2}}$ sec. 26, $S_{2}^{\frac{1}{2}}$ sec. 33, all secs. 34, 35, 36
			T. 17 S., R T. 18 S., R		$S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 18, all sec. 19, $W_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 30
Eunice- Monument		Lea	T. 19 S., R	. 36 E.	E ¹ / ₂ sec. 12, all secs. 13, 23, 24, 25, 26, 27, 34, 35, 36
	Ŀ.		T. 19 S., R	• 37 E.	All secs. 7, 8, $W_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 9, $W_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 16 All secs. 17, 18, 19, 20, 21 S $\frac{1}{2}$ sec. 27, all secs. 28 to 34 incl.
	• • •		T. 20 S., R	. 36 E.	
	, , ,		T. 20 S., R	• 37 E.	
	•		T. 21 S., R T. 21 S., R		All secs. 1, 12, 13, 24, E ¹ / ₂ sec. 25.
	2 		- - -	te n gr n gr n gr	W2 sec. 12, W2 sec. 13, all secs. 14 to 22, incl., NW2 sec. 23, W2 sec. 27, all secs. 28, 29, 30, NE2 sec. 31, all secs. 32, 33, W2 sec. 34.
Eunice, South	SR	Lea	T. 21 S., R T. 21 S., R	. 36. 2.	NW_4^1 , S_2^1 sec. 31
	α του τραγιατικό του		T. 22 S., R T. 22 S., R		Et sec. 1 Wt sec. 4, all secs. 5, 6, 7, 8, 9, Wt sec. 15, all secs. 16 to 21, incl., Wt sec. 22, Wt sec. 26
					All secs. 27, 28, 29, By sec. 30, HB sec. 31, Ny sec. 32, Ny sec. 33, Ny sec. 34, NW sec. 35
Sunice, West	Y	Lea	T. 21 S., R	34 8.	By sec. 12, all sec. 13, By sec. 14, HBy sec. 23, Hy sec. 24.
			T. 21 S., A		83 sec. 6, all secs. 7, 18
Tenton	D	Eddy			Åll set. 15
Aren		Eddy	T. 17 8., R T. 17 8., R		111 sec. 22 to 27 incl. 11 sec. 19 20, 21, 22, 29; 30
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	PRCD. YORM	00111	DESCRIPTION
Getty	Y	Mday	7. 20 S., A. 29 E. SW, sec. 13, SE, sec. 14, E, sec. 23, W_2^2 sec. 24, M_2^3 sec. 25, SE, sec. 26
Grayburg- Jackson	SA	₿⁄idy	7. 17 S., R. 29 B. S_2 sec. 13, S_2^1 sec. 14, all secs. 20 to 27, incl., N_2^1 sec. 32, N_2^1 sec. 33, N_2^1 sec. 34, N_1^1 sec. 35.
			T. 17 S., R. 30 E. 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 sec. 29, all sec. 30.
			7. 17 S., R. 31 E. S. sec. 7, S. sec 8, S. sec. 9, S. sec. 13. all secs. 14 to 13, incl., No sec. 19, No sec. 20, all secs. 21, 22, 23, No sec. 26, No sec. 27, No sec. 28.
Hale (gas only)	T	Eddy	T. 20 S., π. 30 E. SW, sec. 12, NW, sec. 13
Halfway	Y	Lea	T. 20 S., R. 32 E. S $\frac{1}{2}$ sec. 9, all sec. 16
Hardy	G	Lea	Т. 20 S., н. 37 E. All sec. 36 Т. 20 S., R. 38 E. All sec. 31 Г. 21 S., н. 36 E. Lets 1, 2, 7, 8, 9, 10, 15, 16, sec. 1
			T. 21 S., R. 37 E. All secs. 5, 6
Harrison	Р	Lea	T. 23 S., d. 37 E. SW2 sec. 16, NW2 sec. 21
Henshaw	SA	Edy	T. 16 S., R. 30 E. All sec. 13
High Lonesome	Q	Eddy	T. 16 S., R. 29 E. SW2 sec. 16, S2 sec. 17, N2 sec. 20, NW_2^2 sec. 21
High Lonesome, South	G	Eddy	T. 16 S., R. 29 E. $S_2^{\frac{1}{2}}$ sec. 31, $S_2^{\frac{1}{2}}$, $NE_4^{\frac{1}{2}}$ sec. 32, all sec. 33 T. 17 S., R. 28 E. $NE_4^{\frac{1}{2}}$ sec. 1 T. 17 S., R. 29 E. $N_2^{\frac{1}{2}}$ sec. 4, $N_2^{\frac{1}{2}}$ sec. 5, $N_2^{\frac{1}{2}}$ sec. 6
Hobbs	SA	Lea	T. 18 S., R. 37 E. All secs. 13, 14, 23, 24, 25, 36 T. 18 S., R. 38 E. All secs. 17 to 22, incl. and 27 to 34 incl.
-			T. 19 S., R. 38 E. All secs. 3, 4, 5, 6, 8, 9, 10, 15, 16
Jal	(See Co	oper-Jal	.)
Jones	DR.	Lea	T. 22 S., R. 37 E. SE sec. 1, NE sec. 12 T. 22 S., R. 38 E. SW sec. 6, NW sec. 7

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	POOL		PROD.								DESCRIPTION
			TORM	COUNTY	_	~ -	-		~		
	Langl Matti		SR-Q	Lea							All sec. 25, E_2^1 sec. 26, E_2^1 sec. 35, all sec. 36 S_2^1 sec. 28, all secs. 29 to 34, incl.
			经资源管理 计正式存储 建氯化合金		T.	24	s., s., s.,	R.	36	E.	All sec. 1, all sec. 12, NE ¹ / ₄ sec. 13 All secs. 2 to 11, incl., 14, 15, 16, 17, 18, E ¹ / ₂ sec. 19, all secs. 20, 21, 22, 23, 26, 27, 28, 29, E ¹ / ₂ sec. 30, E ¹ / ₂
			i ja Ribi i in Prima di Antonio di	<i>.</i>	T.	25	S.,	R.	37	E.	sec. 31, all secs. 32, 33, 34, 35. All secs. 2, 3, 4, 5, NE ¹ / ₄ sec. 6, all secs. 8, 9, 10, 11, W ¹ / ₂ sec. 13, all secs. 14, 15, 16, 17, E ¹ / ₂ sec. 19, all secs. 20, 21, 22, 23, W ¹ / ₂ sec. 24, W ¹ / ₂ sec. 25, all secs. 26, 27, 28, 29, NE ¹ / ₄ sec. 32, N ¹ / ₂ sec. 33, N ¹ / ₂ sec. 34, all
		*			T•	26	s.,	R.	37	E.	sec. 35, Wa sec. 36 NW2 sec. 1, NE2 sec. 2
	Lea		Y	Lea	Τ.	20	s.,	R.	34	E.	W_2^1 sec. 14
	Leo	- - - - - - - - - - - - - - - - - - -	G	Eddy	Τ.	18	s.,	R.	30	E.	S $\frac{1}{2}$ sec. 14, S $\frac{1}{2}$ sec. 15, S $\frac{1}{2}$ sec. 16, N sec. 21, all secs. 22, 23
	Loco	Hills	G	Eddy	T.	17	s.,	R.	29	E.	S½ sec. 31, S½ sec. 32, S∫ sec. 33, S sec. 34, S☆ sec. 35, all sec. 35
					Τ.	18	S., S., S.,	R_{\bullet}	29	E.	
	Lovin	gton	SA	Lea	Έ.	16	s.,	R.	36	E.	S ² sec. 25, S ⁴ sec. 25, 510 sec. 35 & 36
					Τ.	17	S.,	R.	36	E.	S ¹ / ₂ sec. 30, all sec. 41 All secs. 1 $(2, N_{2}^{1} \text{ sec. 1}, (1 - 1))$ All sec. 6 , N ¹ / ₂ sec. 7
	Lovin West	gton,	SA	Lea							S $\frac{1}{2}$ sec. 32, SW $\frac{1}{2}$ sec. 33 W $\frac{1}{2}$ sec. 3, all secs. 4 and 5, $\frac{1}{2}$, $\frac{1}{2}$ sec. 6, N $\frac{1}{2}$ sec. 7, N $\frac{1}{2}$ sec. 3, $\frac{1}{2}$ sec.
	Lusk,	East	Y	Lea	r.	19	s.,	R.	32	E.	S_{2}^{1} sec. 21, N_{2}^{1} sec. 28
	Lusk		Y	Eddy & Lea							All sec. 24 $W_2^{\frac{1}{2}}$ sec. 19
	Lusk,	West	Y	Eddy	T.	19	s.,	R.	31	E.	SE ¹ / ₄ sec. 15, NE ¹ / ₄ sec. 22
	Lynch		Y	Lea	Т. Т.	20 21	s., s.,	R. R.	34 33	E.	S ¹ / ₂ sec. 27, all sec. 34, 5₩ ¹ / ₂ sec. a W ¹ / ₂ sec. 1, all sec. 2
	Lynch	, Nort	hΥ	Lea	Τ.	න	s.,	R.	34	E.	E ₂ sec. 18

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POOL	Prod. FORM.	COULTY	DESCRIPTION	
Maljamar	G S ▲	Eddy & Lea	T. 17 S., R. 31 E. $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 13, all secs. 24, 25 T. 17 S., R. 32 E. $SE_{\frac{1}{4}}^{\frac{1}{4}}$ sec. 8, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 9, $S_{\frac{1}{2}}^{\frac{1}{2}}$ 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_2^1 sec. 32 T. 18 S., R. 32 E. All secs. 4, 5	
Maljamar, North	G	Lea	T. 17 S., R. 32 E. $SW_{\frac{1}{4}}^{\frac{1}{2}}$ sec. 5, $SE_{\frac{1}{4}}^{\frac{1}{2}}$ sec. 6, $NE_{\frac{1}{4}}^{\frac{1}{2}}$ sec. 7, $NW_{\frac{1}{4}}^{\frac{1}{2}}$ sec. 8	
Maljamar, South	G SA	Lea	T. 18 S., R. 32 E. $SW_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 14, $S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 15, all sec. 22 $W_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 23	9
Mattix (S	See Langli	ie-Mattix)		
McMillan	SA	Eddy	T. 19 S., R. 27 E. E. sec. 31	
Monument	(See Euni	ice-Monument)		
Paddock	Ρ	Lea	7. 22 S., R. 37 E. All secs. 1, 12, 13	
Palmillo (abandoned	G ()	Ndd-y	T. 18 S., R. 29 E. S. sec. 30	
PCA	Y	Dddy	T. 20 S., R. 30 E. S $_{2}^{1}$ sec. 10, all sec. 15	
Pearsall	Ş	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	T. 21 S., R. 36 E. E. sec. 13 T. 21 S., R. 37 E. S ¹ / ₂ sec. 7, S ¹ / ₂ sec. 8, S ¹ / ₂ sec. 16, all secs. 17, 18, E ¹ / ₂ sec. 19, all secs. 2 21, 27, 28, 29, E ¹ / ₂ sec. 30, E ¹ / ₂ sec. 3	\sim
			all secs. 32, 33, 34, 35 T. 22 S., R. 37 E. All secs. 2, 3, 4, 5, E ¹ / ₂ sec. 6, NE ¹ / ₃ sec. 7, all secs. 8, 9, 10, 11, 14, 1 lô, E ¹ / ₂ sec. 17, E ¹ / ₂ sec. 20, all secs. 21. 22, 23, 26, 27, 23, E ¹ / ₂ sec. 29, a	NE] 4, 15, ecs.
			secs. 32, 33, 34, W2 sec. 35 T. 23 S., R. 37 E. W2 sec. 2, all secs. 3, 4, 5, 6, 7, 8 9, 10, W2 sec. 11, W2 sec. 14, all se 15, 16, 17, 16, 12 sec. 19, 12 sec. 2	, ecs.
Premier	Ģ	Bddy	2. 17 S., R. 30 E. S. sec. 22, S. sec. 23, S. sec. 24, a	11
			secs. 25, 26, 27, 28, 33, 34, 35, 36 • 17 S., R. 31 E. Sj sec. 19, Sj sec. 20, all secs. 29, 30, Ng sec. 31	

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POOL	PROD. FORM.	COUNTY			DESCRIPTION
Red Lake	G a	Eddy	T. 17 S.,	, R. 28 E.	SW_4^1 sec. 2, $S_2^{\frac{1}{2}}$ sec. 3, all secs. 4, 5, 8, 9, 10, $W_2^{\frac{1}{2}}$ sec. 11, $W_2^{\frac{1}{2}}$ sec. 14, all secs. 15, 16, 17, 20 to 26, incl., $N_2^{\frac{1}{2}}$ sec. 27, $N_2^{\frac{1}{2}}$ sec. 28, $N_2^{\frac{1}{2}}$ sec. 29, $NE_4^{\frac{1}{4}}$ sec. 30
Rhodes	Y - 4 ⁻¹ - 4 ⁻¹	Lea	т. 26 s.,	, R. 37 E.	All secs. 4, 5, 6, E_{2}^{1} sec. 7, all secs 8, 9, S_{2}^{1} sec. 10, all secs. 15, 16, 17, N_{2}^{1} , SE $_{4}^{1}$ sec. 20, all secs. 21, 22, S_{2}^{1} sec. 23, all secs. 26, 27, 28, 34, 35
Roberts	G	Lea	T. 17 S.,	R. 33 E.	S_{2}^{1} sec. 6, N_{2}^{1} sec. 7
Roberts, West	G .	Lea	T. 17 S.,	R. 32 E.	S_{2}^{1} sec. 2
Rob inso n	G -S ▲	Eddy & Lea	T. 16 S.,	R. 31 E.	
			T. 16 S.,	R. 32 E.	N ¹ 2,SW ¹ 2 sec. 36 SW ¹ 2 sec. 30, NW ¹ 2 sec. 31
Russell	¥	Eddy	T. 20 S.,	R. 28 E.	$S_{2}^{\frac{1}{2}}$ sec. 12, all secs. 13, 14, 23, $W_{2}^{\frac{1}{2}}$ sec. 24
Selt Lake	¥ I	Lea	T. 20 S.,	R. 33 E.	All secs. 7, 18
San Simon		Lea	T. 21 S., T. 22 S.,	R. 35 B. R. 35 B.	SE: sec. 32, SW1 sec. 33 NW1 sec. 4, NE1 sec. 5
Scanlon (gas only)		Eddy	T. 20 S.,	R. 29 B.	SW1 sec. 29, SE1 sec. 30
Shugart	7-9	Eddy	T. 18 S., T. 19 S.,	R. 31. B. R. 31 B.	S_2^1 sec. 34, SW_2^1 sec. 35 NW2 sec. 2, S_2^1 sec. 3
Sinoraci, Jarih	•	Eddy	T. 16 S.	I. 31 2.	S ¹ / ₂ sec. 8, S ¹ / ₂ sec. 9, S ¹ / ₂ sec. 10, S ¹ / ₂ , NB ¹ / ₂ sec. 11, W ¹ / ₂ sec. 12, NM ¹ / ₂ sec. 13, N ¹ / ₃ sec. 14, all secs. 15, 16, 17, 18, 20, 21, N ¹ / ₂ sec. 22, N ¹ / ₂ sec. 28, N ¹ / ₂
					sec. 29.
		Lea se-Skelly)	T. C. S. ,	F or	All secs. 24, H2 sec. 25 All sec. 19, H2 sec. 30

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POOL	PROD.	-		•
	FORM.	COUNTY		DESCRIPTION
Square Lake	GSA	Eddy		S_{2}^{1} sec. 24, all secs. 25, 26, 27, S_{2}^{1} sec. 28, E_{2}^{1} sec. 32, all secs. 33, 34, 35, 36
			T. 16 S., R. 31 E.	$S_{\frac{1}{2}}^{1}$ sec. 19, $S_{\frac{1}{2}}^{1}$ sec. 20, $S_{\frac{1}{2}}^{1}$ sec. 21, SW2 sec. 27, all secs. 28 to 33, incl., $W_{\frac{1}{2}}^{1}$ sec. 34
			T. 17 S., R. 30 E.	All secs. 1, 2, 3, 4, $E_{2}^{\frac{1}{2}}$ sec. 5, $N_{2}^{\frac{1}{2}}N_{2}^{\frac{1}{2}}$ sec. 11
	a contract of the	· .	T. 17 S., R. 31 E.	N_2^2 sec. 6
Tonto	SR	Lea	T. 19 S., R. 33 E.	E_{2}^{1} sec. 22, W_{2}^{1} sec. 23
Turkey Tracl	C Q	Eddy	T. 19 S., R. 29 E.	$S_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 34, $SW_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 35 $W_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 2, all sec. 3, $N_{\frac{1}{2}}^{\frac{1}{2}}$ sec. 10, $NW_{\frac{1}{4}}^{\frac{1}{2}}$ sec. 11
Young	Q.	Lea	T. 18 S., R. 32 E.	N ¹ ₂ sec. 20
Vacuum	GSA	Lea		All secs. 3 to 17, incl., 20 to 29, incl., and 32 to 36 incl.
	t i ne vanjen je do konstantije se se		T. 17 S., R. 35 E. T. 18 S., R. 34 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
		INDEX	TO PRINCIPAL PRODUCI TANSILL TATES SEVEN RIVERS QUEEN GRAIBURG SAN ANDRES	T T SR Q G
			PADDOCH Hijimisher DRINKING Hilimisher DRINKING Hilimisher Paddos y Aykayaat Hilimisher	P B DR. D P R.

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

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

Add to Caprock pool: All sec. 11, N_2^1 sec. 12, T. 13 S., R. 31 E.

Add to Drinkard pool: W¹/₂ sec. 14, E¹/₂ 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): SW¹/₄ sec. 6, NW¹/₄ sec. 7, T. 22 S., R. 38 E., SE¹/₄ sec. 1, NE¹/₄ sec. 12, T. 22 S., R. 37 E. To include production from the Drinkard pay zone only. (See Bulletin No. 23.) See N. M. BUREAU MINES BULA. # 23.
Blinebry pool (new pool): W¹/₂ sec. 18, all sec. 19, T. 22 S., R. 38 E. To include production from the Blinebry pay only. (See Bulletin No. 27.)

Harrison pool (new pool): SW¹/₄ sec. 16, NW¹/₄ 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, $NM_4^1NE_4^1$ sec. 15, T. 22 S., R. 37 E., as an oil well, production being obtained from the Drinkard pay zone, 6445' to 6525', the common reservoir of the Drinkard pool.

The extension of the Square Lake pool is based on the recent completion of the Hoke L. Woodward, well No. 1 Valentine, $SW_4^1SW_4^1$ 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, $SW_4^{\perp}SW_4^{\perp}$ sec. 6, T. 22 S., R. 38 E. The Jones pool is to include production only from the Drinkard pay zone within the lands described. This production is sufficiently removed from the Drinkard pool to warrant a separate pool definition pending further testing of the intervening area.

The definition of the new Blinebry pool is based on the recent oil "completion" in the Blinebry pay (see Bulletin No. 23) at depths of 5560' to 5610' of The Texas Company, well No. 2 Lockhart, $NW_{4}^{1}NW_{4}^{1}$ 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, $SW_{4}^{1}SE_{4}^{1}$ 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 oil production, top of pay 5580', and now shut in.

The definition of the Harrison pool is based on the recent oil discovery in the Paddock pay (see Bulletin No. 23) at depths of 5015' to 5066' in the Amerada Oil Company, well No. 1 P. B. State, $SW_4^1SW_4^1$ sec. 16, T. 23 S., R. 37 E. The Harrison pool is to include production only from the Paddock pay within the lands described.

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

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FOSTER MORRELL,

Mr. R. L. Boss, Chairman, New Mexico Nomenclature Committee. Box 1667, Hobbs, N. M.

OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

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6	RECOMMENDATIONS BT NEW GENTICO NOMENCIATURE COMMITTEE FOR ADDITIONS TO POOLS
INV	Add to Paddock pool the $\frac{1}{12}$ sec. 1, S_2^2 sec. 12, all of sec. 13, T. 22 G., R. 37 E.
9.	Add to Drinkard pool all of sec. 23, 26, W ¹ / ₂ sec. 24, W ¹ / ₂ sec. 25, T. 228., R. 37E., NE ¹ / ₄ sec. 29, all sec. 31, S ¹ / ₂ sec. 32, T. 228., R. 383., N ¹ / ₂ sec. 5, all sec. 6, T. 238, R. 38E.
D 3 10.	Add to Caprock pool all of sec. 1, T. 13 S., R. 31 E.
[] O 11.	Add to Artesia pool the NE sec. 23, T. 183, R. 27 E.
26 12.	Add to Salt Lake pool the N2N2 sec. 7 and S_2^1 sec. 13, T. 205., H. 33E.
\mathbb{V}	though From that - In Jack Broken (3)

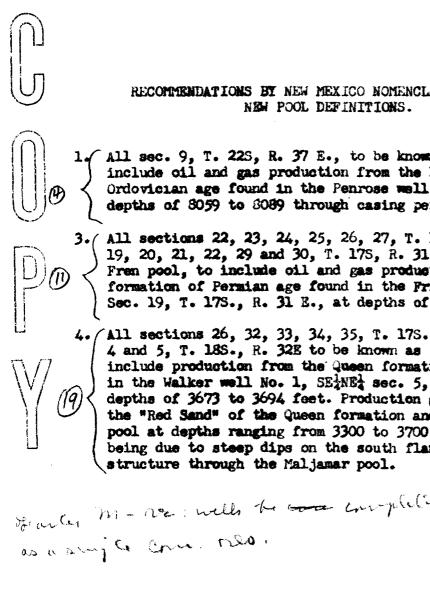
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OIL CONSERVATION COMMISSION SANTA FE. NEW MEXICO



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RECONTIBUDATIONS BY NEW MEXICO NOMENCLATURE COMMITTEE FOR

All sec. 9, T. 225, 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, $SE_{2}^{1}NW_{4}^{1}$ sec. 9, at depths of 8059 to 8089 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, $SN_4^1SE_4^1$ 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, SE_1NE_1 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

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UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

> P. O. Box 997 Roswell, New Mexico 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, Case No. 70, of the Oil Conservation Commission of the State of New Mexico, approved January 15, 1946, defines oil and gas pools in Lea, Eddy and Chaves Counties, New Mexico, effective as of January 1, 1946. Section 6 of the order provides that each pool shall be produced as a single common reservoir and wells shall be completed, cased, maintained and operated to that end. State provation schedules for crude oil production are made separately for each pool.

Wherever crude oil, found on the same leasehold on public lands of the United States in these counties, is obtained from more than one defined poch, 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 wellheads 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 granted in these areas.

The requirements set forth herein as to measurements and sales of circle 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.

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Supervisor, Oil and Gas Operations.

Oil Conservation Commission Santa Fe, New Mexico

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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:

- u 1. Delete from definition of Grayburg-Jackson pool all of secs. 13, 24 and 25, T. 17 S., R. 31 E. and
 - 2. Add to definition of Maljamar pool the S[±]/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 SE^{\pm} sec. 19, T. 17 S., R. 28 E. and Add to Red Lake pool the SE^{\pm} sec. 19, and NE^{\pm} sec. 30, T. 17 S., R. 28 E.
- Delete the word "Yeso" from the name Drinkard-Yeso Pool.
- Delete the word "Ellenburger" from the name Dublin-Ellenburger pool. " 7.
- 8. 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 secs. 23, 26, W2 sec. 24, W2 sec. 25, 9. T. 22 S., R. 37 E., NEZ sec. 29, all sec. 31, She sec. 32, T. 22 S., R. 38 E., Ng 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.

Add to Artesia pool the ME_4^1 sec. 23, T. 18 S., R. 27 E.

Recommended new pool definitions: within chilling find in 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, SE_4^{\perp} MV $_4^{\perp}$ sec. 9, at depths of 8059 to 8089 through casing perforations.

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

found in the Skaggs B-23 well No. 2, $SW_4^{\frac{1}{4}}$ NW $_4^{\frac{1}{4}}$ sec. 23 at depths of 7700 to 7725 feet through casing perforations.¹) 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 Fmoniel

Glenn Staley, Secretary, New Mexico Nomenclature Committee.

November 19, 1945.

Oil Conservation Commission, Santa Fe, New Mexico

<u>**PETITION**</u>

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

Recommended additional new pool definitions:

All sections 22, 23, 24, 25, 26, 27, T. 17 S., R. 30 E.; all sections 19, 20, 21, 22, 29 and 30, T. 17 S., R. 31 E., to be known as the Fren pool, to include oil and gas production from the Seven Rivers formation of Permian age found in the Friess well No. 1, $SW_4^1SE_4^1$ 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 E.; all sections 4 and 5, T. 18 S., R. 32 E. to be known as the Pearsall pool, to include production from the Queen formation of Permian age found in the Walker well No. 1, SEANEA sec. 5, T. 18 S., R. 32 E. at depths of 3673 to 3694 feet. Production generally 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 East-West structure through the Maljamar pool.

Respectfully submitted,

Glenn Staleyby 7m.

Glenn Staley, Secretary, New Mexico Nomenclature Committee.

November 17, 1945.

Oil Conservation Commission Santa Fe, New Mexico

<u>PETITION</u>

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,

Henn Staley, 64

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 Commission and in the 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 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 Nomenclature Committee is a group of geologists and geological engineers whose duty is to recommend to the New Mexico Oil Conservation Commission names and boundaries of oil and gas pools, 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 Lee Counties on the basis of geologic structures and reservoir units, it was decided that broader representation should be attained to assure equitable consideration of all interests in the entire area. The Committee was then expanded by vote of the existing appointed members to include two representatives from Eddy County and additional representation from Lea County.

MEMBERSHIP

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

FUNCTIONS

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

A. Pool Names

- 1. A suitable name will be sought from the reconnaissance and elevation map by W.B. Lang.
- 2. Or, the name of the fee owner of the land on which the discovery is made will be used.
- 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.
Bates, R.L.	State Bureau of Mines & Mineral Resources, Socorro, N.M.
Bollinger, W.R.	Shell Oil Co., Box 1457, Hobbs, N.M.
Boss, R.L. (Vice-Chairman)	Gulf Oil Corp., Box 1667, Hobbs, N.M.
Gray, Ralph	Stanolind O. & G. Co., Box 7, Hobbs, N.M.
Knoepfel, R.M.	Atlantic Ref. Co., Box 808, Carlsbad, N.M.
Lamb, N.R.	Continental Oil Co., Box CC, Hobbs, N.M.
Morrell, Foster (Chairman)	U.S. Geological Survey, Box 997, Roswell, N.M.
Scott, W.E.	Buffalo Oil Co., Box 265, Artesia, N.M.
Staley, Glenn (Secretary)	Lea County Operators' Committee, Drawer I, Hobbs, N.M.
Spurrier, R.R. (Ex-officio member)	Oil Conservation Commission, Box 871, Santa Fe., N.M.

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

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

Dear Mr. Spurrier:

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 $N_{\mathbb{Z}}^{1}N_{\mathbb{Z}}^{1}$ sec. 7 and $S_{\mathbb{Z}}^{1}$ sec. 18, T. 20 S., R. 33 E. be added to the Salt Lake pool.

The addition of the $S_2^{\frac{1}{2}}$ sec. 18 is to include the recent completion of the Bay Petroleum Corporation State well No. 1, center $NE_4^{\frac{1}{2}}SW_4^{\frac{1}{4}}$ 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 $N_{\Xi}^{\perp}N_{\Xi}^{\perp}$ 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 Friess Well No. 1, SWSE 19-175-31E, at depth of 1920 to 1980 feet.
- 4. All secs. 26, 32, 33, 34, 35, T. 17 S., R. 32 E; all secs. 4 and 5, 18S-32E, to be known as the Pearsall Pool, to include production from the Queen formation of Permian Age found in the Walker Well No. 1, SENE 5-18S-32E, at depth of 3673 to 3694. Production generally is obtained from the "Red Sand" of the Queen formation and is found within this pool at depth ranging from 3300 to 3700 feet, the variations being due to steep depth on the south flank of the major east west structure through the Maljamar pool.

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