CASE 2957: SOUTHEASTERN NEW MEXICO NOMENCLATURE

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APP/iCAtion, Transcripts, SMALL Exhibits ETC.

BEFORE THE GIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION CONMISSION OF THE STATE OF NEW MEXICO FOR THE FURFORE OF CONSIDERING:

> CASE NO. 2957 Order No. R-2620

THE APPLICATION OF THE GIL CONSERVATION COMMISSION UPON ITS OWN MOTICH FOR AN ORDER CREATING AND EXTENDING VERTICAL AND HORIZONTAL LIMITS OF CERTAIN FOOLS IN CHAVES, EDDY, LEA, AND ROOSEVELT COUNTIES, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on December 18, 1963, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 23rd day of December, 1963, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and subject matter thereof.

(2) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the kennsylvanian formation, said pool to bear the designation of East Buffalo-Fennsylvanian Gas Fool. Said East Buffalo-Fennsylvanian Gas Fool was discovered by Fan American Fetroleum Corporation, Buffalo Unit No. 5, located in Unit F of Section 2, Township 19 South, Range 33 East, NMPM. It was completed in Morrow on December 7, 1962. The top of perforations is 13,110 feat.

(3) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Strawn formation, said pool to bear the designation of Fenton Draw-Strawn Fool. Said Fenton Draw-Strawn Fool was discovered by Fan American Petroleum Corporation, Big Eddy Unit No. 2, located in Unit P of Section 19, Township 21 South, Range 28 East, NMEM. It was completed in Strawn on April 24, 1963. The top of perforations is 10,707 feet.

(4) That there is need for the creation of a new pool in Chaves County,

-2-CASE 16, 2957 Order No. R-2620

New Maxico, for the production of oil from the San Andres formation, said peol to bear the designation of Linda-San andres rool. Said Linda-San Andres Fool was discovered by H. S. Barnes, Federal No. 1, located in Unit N of Section 33, Township 6 South, Range 26 Last, MMM. It was completed in San Andres on April 8, 1953. The top of perforations is 1,023 feet.

(5) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Seven Rivers formation, said pool to bear the designation of South Red Lake-Seven Rivers Fool. Said South Red Lake+ Seven Rivers Pool was discovered by Cima Capitan, Inc., Red Lake, State No. 10, located in Unit F of Section 22, Township 17 South, Range 23 East, NALM. It was completed in Seven Rivers on September 10, 1963. The top of perforations is 770 feet.

(6) That there is need for the extension of the vertical limits of the EK-Queen Fool in Lee County, New Mexico, to include the Yates and Seven Rivers formations and change the pool name to the ZK Yates-Seven Rivers-Queen Fool.

(7) That there is need for certain extensions to the North Benson Queen-Grayburg Pool, the Henshaw-Wolfcamp Pool, and the North Square Lake Grayburg-San Andres Pool, all in Eddy County, New Mexico, the Milnesand-San Andres Pool in Roosevelt County, New Mexico, the Buffalo-Pennsylvanian Gas Pool, the Fowler-Blinebry Pool, the Justis-Blinebry Pool, the North Justis-Blinebry Pool, the Middle Lane-Pennsylvanian Pool, the Mesa-Queen Pool, the South Tonto-Yates Pool, the Vacuum-Glorieta Pool, and the Wantz-Granite Wash Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED:

(a) That a new pool in Lea County, New Mexico, classified as a gas pool for Fennsylvanian production, is hereby created and designated as the East Buffalo-Fennsylvanian Gas Fool, consisting of the following described area:

> TOWNSHIP 19 SOUTH, RANGE 33 EAST, NAPH SECTION 2: NW/4

(b) That a new pool in Eddy County, New Mexico, classified as an oil pool for Strawn production, is hereby created and designated as the Fenton Draw-Strawn Pool, consisting of the following described area:

> TOWNSHIP 21 SOUTH, RANGE 28 EAST, MADEM SECTION 19: SE/4

(c) That a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production, is hereby created and designated as the Linda-San Andres Fool, consisting of the following described area:

TOWNSHIP 6 SOUTH, RANGE 26 MAST, MEM SECTION 33: SW/4 and S/2 NW/4

(d) That a new pool in Eddy County, New Mexico, classified as an oil pool for Seven Rivers production, is hereby created and designated as the South Red Lake-Seven Rivers Pool, consisting of the following described area:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NARM SECTION 22: NA/4

(e)

That the North Benson Queen-Grayburg Fool in Eddy County, New Mexico,

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as heretofore classified, defined, and described, is hareby extended to include therein:

> TOUNSHIP 18 SOUTH, RANGE 30 EAST, NEW N/2 SU/4 SECTION 27: SECTION 28: NE/4

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

> TOWNSHIE 19 SOUTH, RANGE 33 EAST, NMLM SECTION 4: NW/4 SECTION S: B/2

That the vertical limits of the SK-Queen Pool in Lea County, New (g) Mexico, are hereby extended to include the Yates and Seven Rivers formations and that the pool name be changed to the EK Yates-Seven Rivers-Queen Pool.

That the Fowler-Blinebry Pool in Les County, New Mexico, as here-(h) tofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 24 SOUTH, RANGE 37 EAST, MMEM SECTION 15: SE/4

That the Henshaw-Wolfcamp Fool in Eddy County, New Mexico, as (i)heretofore classified, defined, and described, is hereby extended to include thereint

> TOWNSHIP 16 SOUTH, RANGE 30 EAST. MIPH SECTION 23: E/2 SH/4

That the Justis-Blinebry Pool in Lea County, New Mexico, as hereto- (\mathbf{j}) fore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 25 SOUTH, RANGE 37 EAST, NOTM SECTION 11: 3/2 SE/4

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

> TOWNSHIP 24 SOUTH, RANGE 37 EAST, MAIN SECTION 34: E/2 SE/4

> TOWNSHIP 25 SOUTH, RANCE 37 EAST, MAPM SECTION 11: N/2 N/2

That the Middle Lane-Pennsylvanian Pool in Lee County, New Mexico, (1)as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 10 SOUTH, RANGE 33 BAST, MEEM SECTION 14: NE/4

That the Mesa-Queen kool in Lea County, New Mexico, as heretofora (m) classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 16 SOUTH, RANGE 32 EAST, NORM SECTION 17: SE/4

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

TUMNSHIL 8 JOUTH, RANGE 34 EAST, NGEN SECTION 12: NM/4 SECTION 25: NE/4 NE/4

TOWNSHIP 8 SOUTH, RANGZ 35 EAST, MADM SECTION 5: NE/4 SECTION 19: SW/4

(o) That the North Square Lake Grayburg-San Andres Pool in Eddy County, New Mexico, as haretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 16 SOUTH, RANGE 31 EAST, MARM SECTION 6: Lots 9 and 10

(p) That the South Tonto-Yatas Rool in Las County, New Mexico, as horetofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 19 SOUTH, RANGE 33 EAST, NORM SECTION 19: SM/4

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

> TOWNSHIP 17 SOUTH, RANGE 34 EAST, WHEM SECTION 24: SW/4 SECTION 25: NW/4 and SE/4 SECTION 36: NE/4

TOWNSHIF 17 BOUTH, RANGE 35 EAST, MG-H SECTION 31: N/2

TORNSHIP 18 SOUTH, RANGE 34 DANK, MORM SECTION 1: N/2

(r) That the Wantz-Granite Wash Fool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 22 SOUTH, RANGE 37 EAST, MAPM SECTION 2: S9/4

IT IS FURTHER GRDERED:

That the effective date of this order and all creations and extensions of vartical and horizontal limits included herein shall be January1, 1964.

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



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

NEW MEXICO OIL CONSERVATION COMMISSION P. O. BOX 871 SANTA FE, NEW MEXICO

PRELIMINARY GAS NOMINATIONS FOR 1ST PERIOD, 1964

Northwest New Mexico

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Blanco-Mesaverde Basin-Dakota Aztec Pictured Cliffs Ballard Pictured Cliffs South Blanco Pictured Cliffs Fulcher Kutz Pictured Cliffs Tapacito Pictured Cliffs West Kutz Pictured Cliffs Devils Fork

64,441,300 64,413,850 4,171,300 4,534,600 17,162,300 1,969,400 4,932,000 1,826,500 1,504,100

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164,955,350

Total

NEW MEXICO OIL CONSERVATION COMMISSION P. O. BOX 871 SANTA FE, NEW MEXICO

GAS NOMINATIONS FOR JANUARY, 1964

Southeast	<u>January,1964</u>
Bagley, Lower	74,100
Bagley, Upper	54,000
Blinebry	2,405,100
Crosby-Devonian	851,000
Eumont	6,575,000
Jalmat	7,531,700
Justis	410,300
Monument-McKee	201,000
Tubb	2,428,600
Atoka-Penn	295,000
TOTAL	20,825,900

Northwest

Blanco Mesaverde Basin Dakota	15,810,800 16,128,450
Aztec Pictured Cliffs	955,00 0
Ballard Pictured Cliffs	1,044,500
South Blanco Pictured Cliffs	3,881,400
Fulcher Kutz Pictured Cliffs	487,300
Tapacito Pictured Cliffs	1,178,500
West Kutz-Pictured Cliffs	426,600
Devils Fork	370,900
D. F. Estimate	164,218
TOTAL	40,283,450
Total on D. F. Est. Both Areas	40,076,786 61,109,350

	GAS PRODUCTIO	ON & NOMI	NATION	ANALYSIS FOR FIRST 10		<u>'S. 10 MONTHS 1962</u>	
					Ave.		Ave.
PRORATED DRY GA	<u>15</u>	Produ	ction	<u>No. Wells</u>	Well Pr	od. Supp.Nom	Well Nom.
Northwest New M	lexico						
	1963	235,33	0,625	5,526	42,586	256,388,757	46,397
	1962	223,40	2,869	5,193	43,020	247,243,202	47,610
Percent Change		+	5.3	+ 6.4	- 1.1	+ 3.7	- 2.6
Southeast New M	lexico						
	1963	110,63	7,833	1,198	92,352	132,220,820	110,368
	1962	115,48	5,180	1,188	97,209	150,856,000	126,983
Percent Change		_		+ 0.9	- 5.0	- 12.4	- 23.1
Total Prorated	Dry Gas						
	1963	345,96	8,458	6,724	51,453	388,609,577	57,794
	1962	341,88	-	6,381	53,579	398,099,202	62,388
P er cent Change	-	+	-	+ 5.3	- 4.0	- 2.4	- 7.4
NON-PRORATED DI	RY GAS						
Northwest New 1	<u>Mexico</u>						
	1963	17,25	5,489	336	51,355		
	1962	. 13,43		312	43,048		
Percent Change		+	28.4	+ 7.6	+ 19.2		
Southeast New 1	Mexico						
<u> </u>	1963	24,23	6,909	206	117,558		
	1962	19,83	3,563	164	120,936		
Percent Change		+	22.1	+ 25.6	- 2.8		
Total Non-Pror	ated Dry Gas						
	1963	41,47	6,479	544	76,244		
	1962	33,26	6,413	476	69,887		
Percent Change		+	24.6	+ 14.2	+ 9.0		
-						Exhibit B	

Exhibit B Gas Allowable 1

Dec. Hearing

			Ave.		
	Production	No. Wells	Well Prod.	Supp.Nom.	Well Nom
OTAL DRY GAS NEW MEXICO					
1963	387,344,937	7,266	53,309		
1962	375,152,463	6,857	54,711		
Percent Change	+ 3.2	+ 5.9	- 3.6		
CASINGHEAD GAS					
Northwest New Mexico					
1963	21,502,730	1,862	11,548		
1962	30,838,334	1,751			
Percent Change	- 30.3	+ 6.3			
Southeast New Mexico					
1963	227,833,742	1.4,843	15,349		
. 1962	231,310,019	14,313	16,257		
Percent Change	- 1.6	+ 3.7	- 5.6		
TOTAL CASINGHEAD GAS					
1963	249,336,472	16,705	14,926		
1962	261,148,353	15.979	16,343		
Percent Change	4.6	+ 4.5	- 8.7		
TOTAL ALL GAS NEW MEXICO					
1963	636,681,409	23,973			
1962	635,270,818	22,863			
Percent Change	+ 0.2	+ 4.8			
TOTAL NORTHWEST DRY GAS					
1963	252,586,114	5,862	43,089		
1962	239,833,719	5,505	43,566		
Percent Change	+ 5.3	+ 6.4	- 1.1		
TOTAL SOUTHEAST DRI GAS					
1963	134,751,951	1,404	95,977		
1962	135,318,744	1,352	100,088		
Percent Change	- 1.5	+ 3.8	- 4.2		
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NEW POOLS

a) It is recommended that a new <u>las</u>pool be created and designated as the SECT SUPPLIES FOR MANY MANY MARKED CASPOOL.

Vertical limits to be the <u>Pennsylvanian</u> formation and the horizontal limits should be as follows: as shown in paragraph (a), Exhibit 1

Discovery well was <u>Fan American Petroleum Corporation - Entralo Huit 5</u> located in Unit <u>F</u> Section <u>2</u> Township <u>19</u> Range <u>33</u> and was completed on <u>December 7, 1962</u> with an sinitial potential of <u>Sector</u> **BOR9/MCER9**. Top of perforations is at <u>13,110</u> feet.

b) It is recommended that a new oil pool be created and designated as the <u>FENTON DRAW-STRAWN</u> Pool.

Vertical limits to be the <u>Strawn</u> formation and the horizontal limits should be as follows: as shown in paragraph (b), Exhibit I

Discovery well was <u>Pan American Petrolenm Corporation - Big Eddy Unit 32</u> located in Unit<u>p</u> Section 19 Township 21 Range 28 and was completed on <u>April 24, 1963</u> with an sinitial sectembral sector **BOPD/MCEGED**: Top of perforations is at 10,707 feet.

c) It is recommended that a new <u>oil</u>pool be created and designated as the <u>LINDA-SAN ANDRES</u> Pool.

Vertical limits to be the <u>San Andres</u> formation and the horizontal limits should be as follows: <u>as shown in paragraph (c)</u>, <u>Exhibit I</u>

Discovery well was <u>H. E. Barnes - Federal 1</u> located in Unit<u>x</u> Section<u>33</u> Township<u>6</u> Range<u>26</u> and was completed on <u>April 8, 1963</u> with anginitistic patentials of <u>April 8, 1963</u> Top of perforations is at <u>1023</u> feet.

NEW POOLS (a) It is recommended that a new <u>(i)</u> pool be created and designated as the <u>SCOPPE ROD LAUGENEVEE STUDES</u> Pool. Vertical limits to be the <u>Seven Sivere</u> formation and the horizontal limits should be as follows: <u>as shown in parameters</u> (<u>(a)</u> , <u>Exercise</u> 10 Discovery well was <u>Sima Capiton</u> , <u>Inc.</u> <u>Red Lake</u> , <u>State</u> 10 located in Unit <u>P</u> Section22 Township <u>17 Range</u> <u>28</u> and was completed on located in Unit <u>P</u> Section22 Township <u>17 Range</u> <u>28</u> and was completed on	
limits should be as follows: <u>as showned</u> Discovery well was <u>Dima Capiton</u> , <u>Ire</u> , <u>Red Lake</u> , <u>State</u> 10 Discovery well was <u>Dima Capiton</u> , <u>Ire</u> , <u>Red Lake</u> , <u>State</u> 10	
limits should be as follows: <u>as shown in</u> Discovery well was <u>Dima Capiton</u> , <u>luc.</u> - <u>Red Lake</u> , <u>State 10</u>	
Discovery well was <u>Dima Capiton</u> and Paper 28 and was completed on	
Section22 Township	
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Sentember 10, 1963 Whitherston Stones and Stones a	
perforations is at <u>770</u> received pool be created and designated as the It is recommended that a newpool be created and designated as the Pool.	
Pool. Pool. formation and the horizontal	
Pool. Vertical limits to be theformation and the horizontal	
Vertical limits should be as follows:	
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<u>PAN AM</u> Sectio	<u>ERICAN 1</u> n 2-19-	33. COBI	leted in	Norrow o	n Decer	nit No. 5 ber 7, 196 N 2: NW/4	2 <u>, Top o</u>	

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County	EDDY	Pool		FENTON DRAW-STRAWN	
Tounship	21	Range	28	NMPM	
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7	8	99			-12
	17			15 14	-13
19		21-		- 22 23	- 24
	29			-27 26	- 25
31-	32	33		- 34 35	- 36
Purpose:	One compl	eted oil w	ell c	apable of producing.	
Discovery	v well: Pa	n American	Petr	oleum Corp Big Ed	dy Unit
				28. Completed in St ons from 10707 to 10	
Proposed	pool boun	dary color	ed in	green. Section 19:	SE/4

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ELES 2957 (E) CREDERES OF LOND CHORED FENTON DRAW-STRAWN

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			n San Andre		, 19
through pe	erforations	s from 102	3' to 1053'	•	
			larris No. 1		
			dres Octobe	er 8, 1963,	thr
perforatio	ons from 98	31' to 993	· · · · · · · · · · · · · · · · · · ·		
				0	<u> </u>
Proposed	poor pounda	ary colore	ed in green.	Section 3 Section 3	
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County EL		Pool		LAKE-SEVEN RIVERS
Tounship	175	Range	28E	NMPM
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	20	21	22	23 24
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Purpose: 0	ne comple	ted oil we	all capable	of producing.
				Lake, State No. 10
			ns from 770	in Seven Rivers Septerto 783'.
Proposed p	ool bound	ary colore	ed in green.	. Section 22: NW/4

Tourship 18 Range 30 NMPM -6 -5 4 3 -2 1 -7 -8 -9 10 .11 -12 -18 .17 -16 15 14 .13 -18 .17 -16 15 14 .13 -19 .20 .21 .22 .23 .24 -30 .29 .21 .22 .23 .24 -31 .32 .33 .34 .35 .36 -31 .32 .33 .34 .35 .36 -11 .20 .21 .22 .23 .24 -30 .29 .28 .27 .26 .25 -31 .32 .33 .34 .35 .36 -31 .32 .33 .34 .35 .36 -14 .13 .14 .15 .16 .16 Fexaco, Inc Leo R. Manning B (NCT-1) No. 8 in unit L of section .27.18-30. Completed in Queen-Grayburg October 10, 19 .19 through perforations from .2	County	EDDY	Pool	NORTH BENSON	-QUEEN-GRAY	BURG
-7 -8 -9 10 -11 -12 -18 -17 -16 15 14 -13 -19 -20 -21 22 -23 24 -19 -20 -21 22 -23 24 -19 -20 -21 -22 -23 24 -19 -20 -21 -22 -23 24 -30 -39 -26 -25 -31 -32 -35 -36 -31 -32 -35 -36 -32 -35 -36 -33 -35 -36 -34 -35 -36 -35 -36 -36 -36 -36 -36 -36 -36 -36 -36 -36 -36 -36 -36 -36 -	Tounship	18	Range	30 N	IMPM	
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18 17 16 15 14 13 19 20 21 22 23 24 30 29 21 22 23 24 30 29 28 37 26 25 31 32 33 34 35 36 2urpose: One completed oil well capable of producing. Perpose: One completed oil well capable of producing. Fexaco, Inc Leo R. Manning B (NCT-1) No. 8 in unit L of section 27-18-30. Completed in Queen-Grayburg October 10, 15 through perforations from 2788' to 3332'. Addition:Texaco,Inc Leo R. Manning B (NCT-1) No. 11 in unit pof section 28-18-28. Completed in Queen-Grayburg,December 1, 1963 through perforations from 2698' to 3241'. Pool boundary colored in red. Proposed extension colored in green. Section 27: N/2 SW/4	6		4	3	2.	
18 17 16 15 14 13 19 20 21 22 23 24 30 29 28 27 26 25 30 29 28 27 26 25 31 32 33 34 35 36 2urpose: One completed oil well capable of producing. 20 21 23 24 31 32 33 34 35 36 2urpose: One completed oil well capable of producing. 20 21 23 24 20 29 28 33 34 35 36 2urpose: One completed oil well capable of producing. 25 36 36 36 2eurpose: One completed oil well capable of producing. 25 36 36 36 2eurpose: One completed oil well capable of producing. 36 36 36 36 31 32 33 34 35 36 36 4dition:Texaco, Inc Leo R. Manning B (NCT-1) No. 8 in unit L of section 28-18-28. Completed in Queen-Grayburg December 1, 1963 through perforations from 2698'						
18 17 16 15 14 13 19 20 21 22 23 24 30 29 28 27 26 25 30 29 28 27 26 25 31 32 33 34 35 36 2urpose: One completed oil well capable of producing. 20 21 23 24 31 32 33 34 35 36 2urpose: One completed oil well capable of producing. 20 21 23 24 20 29 28 33 34 35 36 2urpose: One completed oil well capable of producing. 25 36 36 36 2eurpose: One completed oil well capable of producing. 25 36 36 36 2eurpose: One completed oil well capable of producing. 36 36 36 36 31 32 33 34 35 36 36 4dition:Texaco, Inc Leo R. Manning B (NCT-1) No. 8 in unit L of section 28-18-28. Completed in Queen-Grayburg December 1, 1963 through perforations from 2698'					+-+-+-	
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Pool boundary colored in red. Proposed extension colored in green. Section 27: N/2 SW/4						ember 1,
Proposed extension colored in green. Section 27: N/2 SW/4	1963 throu	ugh perfor	ations fr	om 2698' to 3	241'.	
	Pool bound	lary color	ed in red	•		<u> </u>
Addition Section 28: NE/4	Proposed e	extension	colored i	n green. Sec	tion 27: N/	2 SW/4
	- <u></u>		P	ddition Sec	tion 28: NE	/4

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COURT (C) COURSECTED AND ALITING CHERCER COURTY EDDY POOL NORTH BENSON-QUEEN-GRAYBURG GASE 2937: (F) - JUPPESHOULD EXERTING OF FROM

COUNTY	POOL	C-FORSYLVID IN CLS	
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31			36
PURFOSE: One complet	ed gas well can	able of producing.	<u>Louis Incola de la comp</u>
PAN AMERICAN PETROLEUN			
Section 5-19-33. Comp	leted in Fennsy	lvanian on Movember	1, 1 <u>961. rop</u>
of Perforations 13,234			

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 4: NW/4

SECTION 5: E/2

e Yates-Seven Rivers formation and to change the pool name.	7 8 -9 10 -11 -12 -18 -17 -16 15 14 -13 -19 -20 -21 22 -23 24 -30 -29 -28 -27 26 25 -31 -32 -33 -34 -35 -36 -19 -10 -11 -13 -14 -13 -19 -20 -21 -22 -23 24 -19 -30 -29 -28 -27 26 -25 -31 -32 -33 -34 -35 -36 -36 -11 -10 -11 -12 -13 -14 -13 -14 -19 -20 -21 -22 -23 24 -14 -31 -32 -33 -34 -35 -36 -14 -31 -32 -33 -34 -35 -36 -14 -14 -14 -14 -14 -14 -14 -14 -31 <	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	OWNSHIP	ł» :	Sonti		F	RAN	GE		کی ا	131.			NM	FM				_			
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PRFOSE: To extend the vertical limits of the FK-Queen Pool to include.	All and a second	All and a second	- 19 -		2	0			- 2	1-			- 2	2			- 2	3			2	4	
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Pool bound	ary colored i	n red. colored in g	reen. SEC	TION 15: SE	14
Proposed p	<u>ool extensior</u>	COLOTER IN C			

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COURT 2007: (1) RECEIVED OF REALISTING OF POOL HENSHAW-WOLFCAMP

Shell Oil Co. - Henshaw Deep Unit No. 8 in unit K of section 23-16-30. Completed in Wolfcamp August 1, 1963, through perforations from 8733' to 8743'.

Pool boundary colored in red.

Proposed extension colored in green. Section 23: E/2 SW/4

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IRFOSE: One comp IE ATLANTIC REFI	-	-	-	
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ool boundary col			-	
roposed pool exte	ension colore	d in green. S	ECTION 11: S/	2_SE/4

SUSE 2957: (J) DETUNCTOR DE DUISTREE GHUTOCHUTOCH COUNTY EDA POOL DUSTLEET MURRY

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INGREA, PENDL	ETON & REISE	<u>R - Mosley</u>	<u>l in Unit</u>	P of Section	34-24-37.
ompleted in B	<u>linebry on S</u>	<u>eptember 1</u>	8, 1963. To	p of Perfora	tions 5476'
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roposed pool					
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DESD 2957: (N) DESDSECT OF TREEPING CHERCER (Conversion of next page) COUNTY DES POOL DERDEPING FLSHEFTS, PV 1

CUSE 2937: (b) AND FICT OF TELEVISE (THE LOD, CONTINUE)

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		paragraph (k), Exhib	

53281,

ADDITION--THE ATLANTIC REFINING COMPANY - Jal :2 in Unit 5 of Section 11-25-37. Completed in Elinebry on Getober 15, 1963. Top of

ADDITION--GULF OIL CORPORATION - J. A. Stuart 38 in Unit 9 of Section 11-

25-37. Completed in Plinebry on November 8, 1963. Top of Perforations 5416'.

Pool boundary colored in red.

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Proposed pool extensions colored in green. SECTION 11: N/2 NW/4

ADDITIONS-SECTION 11: M/2 NT/4

CASE 2987: (1) - RECENCE P RECENCED THE CO

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31	32	33 34 35	36

PURPOSE: One completed oil well capable of producing.

<u>HISSON DRILLING COMPANY - Nidwest State 1 in Unit B of Section 14-10-33.</u> <u>Completed in Pennsylvanian on Cotober 6, 1963.</u> Top of Perforations 9706¹. <u>Pool boundary colored in rec.</u>

Proposed pool extension colored in green. SANTION 14: ME/4

3288 2957: (() 1000/010 (P 1) 500 (P 1) 11(1

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- 31	32	- 33	34 35 36

SHELL CIL COMPANY - State MOB (1 in Unit 1 of Section 17-16-32. Completed in Queen on October 23, 1963. Top of Perforations 3410'. SHELL OIL COMPANY - State MCC (1 in Unit 7 of Section 17-16-32. Completed in Queen on November 1, 1963. Top of Perforations 3404'. Poel boundary colored in red.

Froposed pool extension colored in green. SECTION 17: SE/1

TOWNSHIP	F	RANGE		NMIM	
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CAS', CONFE	(\mathbf{v})	- REPORT (* 1687) (* 1		1. N.	1 (1) street
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Pool boundary colored in red.

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Proposed pool extension colored in green. SECTION 2: SM/4

DOCKET: REGULAR HEARING - WEDNESDAY - DECEMBER 18, 1963

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

ALLOWABLE: (1) Consideration of the oil allowable for January, 1964.

(2) Consideration of the allowable production of gas for January, 1964, for ten prorated pools in Lea and Eddy Counties, New Mexico. Consideration of the allowable production of gas for nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico, for January, 1964, and also presentation of purchaser's nominations for the six-month period beginning February 1, 1964 for that area.

CASE 2910 (De Novo)

Application of Big (6) Drilling Company for the extension of the Scharb-Bone Springs Oil Pool, Township 19 South, Range 35 East, Lea County, New Mexico, and for special rules therefor, including 80-acre spacing and proration units to comprise any two contiguous 40-acre tracts, and for fixed well locations. Upon application by Guy Hooper this case will be heard de novo under the provisions of Rule 1220.

CASE 2957:

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

 (a) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Pennsylvanian production, designated as the East Buffalo-Pennsylvanian Gas Pool, and described as:

> TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM SECTION 2: NW/4

(b) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Strawn production, designated as the Fenton Draw-Strawn Pool, and described as:

> TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM SECTION 19: SE/4

CREATE a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production, designated as the Linda-San Andres Pool, and described as:

> TOWNSHIP 6 SOUTH, RANGE 26 EAST, NMPM SECTION 33: SW/4

(d)

(c)

CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Seven Rivers production, designated as the South Red Lake-Seven Rivers Pool, and described as:

> TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM SECTION 22: NW/4

No. 38-63

-2-CASE 2957 continued from page 1 EXTEND the North Benson Queen-Grayburg Pool in Eddy County, New Mexico, to include therein: TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM SECTION 27: N/2 SW/4 EXTEND the Buffalo-Pennsylvanian Gas Pool in Lea County, New Mexico, to include therein: TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM SECTION 4: NW/4 SECTION 5: E/2 EXTEND the vertical limits of the EK-Queen Pool in Lea County, New Mexico, to include the Yates-Seven Rivers formation and change the pool name from EK-Queen Pool to the EK Yates-Seven Rivers-Queen Pool. EXTEND the Fowler-Blinebry Pool in Lea County, New Mexico, to include therein: TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM SECTION 15: SE/4 EXTEND the Henshaw-Wolfcamp Pool in Eddy County, New Mexico, to include therein: TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM SECTION 23: E/2 SW/4

(j) EXTEND the Justis-Blinebry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM SECTION 11: S/2 SE/4

(k) EXTEND the North Justis-Blinebry Pool in Lea County, New Mexico, to include therein:

> TOWNSHIP 24 SOUTH. RANGE 37 EAST, NMPM SECTION 34: E/2 SE/4

> TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM SECTION 11: N/2 NW/4

(1)

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EXTEND the Middle Lane-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM SECTION 14: NE/4

(m) EXTEND the Mesa-Queen Pool in Lea County, New Mexico, to include therein:

> TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM SECTION 17: SE/4

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No. 38-03

-3-

CASE 2957 continued from page 2

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

> TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM SECTION 19: SW/4

(o) EXTEND the North Square Lake Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

> TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM SECTION 6: Lots 9 and 10

(p) EXTEND the South Tonto-Yates Pool in Lea County, New Mexico, to include therein:

> TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM SECTION 19: SW/4

(q) EXTEND the Vacuum-Glorieta Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM SECTION 36: NE/4

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

EXTEND the Wantz-Granite Wash Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM SECTION 2: SW/4

CASE 2958:

Northwestern New Mexico Nomenclature case calling for an order extending existing pools in Rio Arriba, and San Juan Counties, New Mexico.

(a) EXTEND the Tapacito-Pictured Cliffs Pool to include therein:

TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM SECTION 16: A11 SECTION 21: NW/4

(b) EXTEND the Blanco-Mesaverde Pool to include therein:

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM SECTION 1: A11

(c)

EXTEND the Many Rocks-Gallup Oil Pool to include therein:

TOWNSHIP 32 NORTH, RANGE 17 WEST, NMPM SECTION 35: N/2 NW/4 & NE/4 SE/4

EXTEND the Otero-Gallup Oil Pool to include therein:

(d)

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TOWNSHIP 24 NORTH. RANGE 5 WEST, NMPM SECTION 15: W/2 NW/4 SECTION 16: N/2 where the end of the

(b) the called of the spectrum of a set of the energy density of the constraint of the order of the set of

a) CREVEL Loss pool in Los Lossey, Year Series, classified as a postpool For Prinsplyration production, costerator as the dast pollato-transplyration Cas bool, and described as:

b) CREWELL and prod in Lúdy Conner, New Mexico, classified as an all producer Strawn production, fostpraced as the Penten Draw-Strawn Fool, and fostmanified as:

c) GREATE how peak in charges dounty, New Mexico, classified as an oil pool for San Andres production, designated as the Linda-San Andres Pool, and described as:

d) CREATE A new pool in Eddy County, New Mexico, classified as an oil pool for Seven Rivers production, designated as the South Red Lake-Seven Rivers Pool, and described as:

e) CREATE ynew pool in Lee Hounty, New Mexico, classified as an oil pool for Cloricta Paddock production, designated as the East Vacuum/Cloricta -Paddock Pool, and described as:

T) CREATE A new pool in Lea Consty, New Mexico, classified as an oil pool for Glorieta Packock production, designated as the South Vacuum (Glorieta – Paddock Fool, and described as:

e) x) EXTED the Sorth Benson (Queer-Grayburg Fool in Eddy County, New Mexico, to include therein:

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A EXPEND the Menchev-Lobfessp hoat in Andy County, New Moxiec, to Dashdo therein:

/ NONSPUP 16 SCUPP, RANGE 30 EAST, MOX SECTION 23: 1/2 S./.

J. AT EXTEND the Justis-Alinebry Fool in Low Courty, New Moxico, to include therein:

MOUNSPIE 25 SOUTH, READER 37 LEST, NATH SECTION IN: 5/2 SE/4

(A) EXTEND the North Justis-Blinebry Fool In Lea County, New Mexico, to include therein:

> TOTASHIP 21 SOUTH, RANGE 37 EAST, AMPR SECTION 24: 1/2 SU/4

TORNSHIP 25 SOUTH, RANGE 37 EAST, MAPH SULTION ID: N/2 12/3

(h - m) EXTEND the Middle Lane-remasplyanics Fool in Lea County, New Mexico, to include therein:

TOWNSHIF TO SOUTH, RANGE 33 EAST, NYPM SECTION 14: NE/4

). () EXTEND the Mesa-Queen Pool in Lea County, New Mexico, to include therein:

V TOWNSHI' 16 SOUTH, RANCE 32 EAST, MAR SLOTION 17: SE/4

N EXTEND the Millusand-Son Annes Pool in Roosevelt County, New Mexico, to include therein:

Y TOWNSHIP 8 SOUTH, RANGE 35 EAST, NORTH SECTION 19: SW/4

J gy EXTEND the North Square LakeX Syburg-San Andres Pool in Eddy County, New Mexico, to include therein:

TEWNSHIP 16 SOUTH, RANGE 31 DAST, MIRT
 SECTION 6: Lots 9 and 10

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TOWNSELP 22 SOUTH, REACH 37 LAST, MARK SOUTHON 2: SAFE

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Mr. Mutter, are you preserved to make recommendations to $\epsilon \lambda$ the Commission concerning the contion of new see a in Chaves, Eddy and Les Countles, New Mexico and has extended of certain existing pools in Eddy, Les and Noosevelv Councies, New Mexico. Phone 243-660 Yes, sir. I am. Α And have you prepared your recommendations or have they \cap been prepared in the form of an exhibit? Yes, sir. А How is that marked? \bigcirc New Mexico Its identified as Exhibit A. Α Will you, please, refer to Exhibit A and to the docket \bigcirc that has been prepared and distributed here today and explain any lbuquerque, corrections or additions that are important? Yes, sir. I would recommend that the East Buffalo-Α $\overline{\mathbf{A}}$ Pennsylvanian Gas Pool be created and that the limits be as ulding described on the docket. This pool was discovered by Pan American's Buffalo Unit in Township 19 South, Range 33 East, completed Bu Simms December the 7th, 1962, with the top of the perforations at 13,110 feet. Suite 1120 Next, I recommend that the Fenton Draw Strawn Pool be created with the horizontal limits as described on the Exhibit A. This pool was discovered by Big Eddy Unit Number 2, Township 21 South, Range 26 East and it was completed April 24, 1963, with the top

of the perforations at 10,100.

DEARNLEY, MEIER, WILKINS and CROWNOVER

General Court Reporting Service

I recommend, next, that the Linda-San Andres Pool be created,



PAGE ···

DEARNLEY, MEIER, WILKINS and CROWNOVER General Court Reporting Service Suite 1120 Simms Building Albuquerque, New Mexico Phone 243-6691 the horizontal limits to be Townships Botth, Nage 16 East, Section 33, the Southwest Quarter, the South Hill, and the Northwest Dorater. This cool was discovered by H. 4. Bernes Well Number 1, completed April 3, 1403, with the top of the performt ons at 1,023.

I recommend that the South Red Lake-Seven Rivers be created, with the horizontal limits to be as described on the docket which is identical to the exhibit. This pool was discovered by Capitan Incorporated, Township 17 South, Range 20 East, and was completed September 10, 1963, with the top of the perforations at 770 feet. I recommend that the North Benson Gueen-Grayburg Pool in Eddy County be extended to include Township 16 South, Range 30 East,

Section 27, the North Half and the Southwest Quarter, and Section 28, the Northeast Quarter.

I recommend that the extensions of the Buffalo-Pennsylvanian Pool, the EK-Queen Pool, the Fowler-Blinebry Pool, the Henshaw-Wolfcamp Pool and the Justis-Blinebry Pool be made in accordance with the exhibit, which is identical to the docket.

I recommend that the North Justis-Blinebry Pool be extended to include Township 24 South, Range 37 East, Section 34, the East Half and the Southeast Quarter, Township 25 South, Range 37 East, Section 11, the North Half, Northwest Quarter and Section 11, North Half, Northeast Quarter and North Half, North Half.

I would recommend that the Middle Lane-Pennsylvanian Pool, and the Mesa-Queen Pool in Lea County be extended as shown on the



exhibit, which is identical to the dockey.

I would recommend that the Milnesend-Sun Andres Pool in Reosevelt County be extended to include Township of South, Renge 35 East, Section 19, Southwest Quarter, and Section 0. Northeast Quarter, Township & South, Range 34 East, Section 12, Northwest Quarter, Section 25, Northeast Currter, Northeast Currter.

I would recommend that the North Square Lake Grayburg-San Andres Pool in Eddy County and the South Tonto-Yates Pool in Lea County be extended as on the exhibit, which is identical to the docket.

I recommend that the Vacuum-Glorieta Pool in Lea County be extended to include Township 17 South, Range 34 East, Section 36, Northeast Quarter; Section 24, Southwest Quarter; Section 25, Northwest Quarter and Southeast Quarter; Township 17 South, Range 35 East, Section 31, North Half; Township 18 South, Range 34 East, Section 1, North Half.

And I would recommend, further, that the Wantz-Granite Wash Pool in Lea County be as on the exhibit, which is identical to the docket.

Q Do you have anything further to add?

No, sir. A

Q. Was this exhibit prepared by you or under your supervision?

Yes, it was. A

 \odot I move the introduction of Exhibit A and that concludes examination of this witness



243-660 DEARNLEY, MEIER, WILKINS and CROWNOVER Phone Mexico General Court Reporting Service New Albu

querque,

Building

Simms

Suite 1120

MR. PORTER: Without objection the exhibit will be admitted. Does anyone else have a question of this witness? The witness may be excused, and if there is nothing further to offer we will take the case under advisoment.

Phone 243-6691

Albuquerque, New Mexico

Suite 1120 Simms Building

DEARNLEY, MEIER, WILKINS and CROWNOVER

General Court Reporting Service

STATE OF NEW MEXICO)) 38 COUNTY OF BERNALILLO)

I, NORRIS R. CROWNOVER, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me, and that the same is a true and correct record of the said proceedings, to the best of my knowledge, skill, and ability.

WITNESS my Hand and Seal this 26th day of December, 1963.

NOTARY PUBLIC

My Commission Expires:

July 11, 1967.



DEARNLEY, MEIER, WILKINS and CROWNOVER General Court Reporting Service Suite 1120 Simms Building Albuquerque, New Mexico Phone 243-6691

DEPORE THE CIL CONSERVATION COMMISSION OT THE STORE OF NEW PORTO

AL PHILY DEPICTURED FOR ALL DADG CALCED AN ADDICAL DOLL OF A SHARE CONTRACTOR OF THE SET OF MENSION OF THE AUGUST OF CONSTRUCTION:

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THE ATTICTURE OF THE CH. CONSIGNATION COLLISSION THEN THE CLE MOTION FOR AL CROAR GREATING AND EXTERDING VENCION DED MORDZONTAL LIFTTS OF CLEARLY LOOIS IN CULVES, HOON, LEA, 200 RECEIVED COUNTLES, NEW YEARCO.

CREER OF THE COMMISSION

FY THE CONTSION:

this cause came on for hearing at 9 o'clock a.n. on Occeaber 14, 1903, at Santa Fe, New Mexico, before the Gil Conservation downission of New Mexico, bereinafter referred to as the "Commission."

NOW, on this day of December, 1963, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and subject matter thereof.

(2) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Pennsylvanian formation, said pool to hear the designation of East Euffalo-Pennsylvanian Gas Pool. Said East Euffalo-Pennsylvanian Gas Pool was discovered by Pan American Petroleum Corporation, Euffalo Unit No. 5, located in the PETA, Unit F of Section 2, Township 19 South, Range 33 East, NNPM. It was completed in Norrow on December 7, 1962. The top of perforations is 13,110 feet.

(3) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Strawn Formation, said pool to bear the designation of Fenton Draw-Strawn Fool. Said Fenton Draw-Strawn Pool was discovered by Fan American Fetroleum Corporation, Big Eddy Unit No.
2, located in <u>the SE/1</u>, Unit F of Section 19, Township 21 South, Range 28 East, NMPM. It was completed in Strawn on April 24, 1963. The top of perforations is 10,707 feet.

(4) That there is need for the creation of a new pool in Chaves County, New Nexico, for the production of oil from the San Andres formation, said pool to bear the designation of Linda-San Andres Pool. Said Linda-San Andres Pool was discovered by H. E. Barnes, Federal No. 1, located in the SW/2, Unit N of Section 33, Township 6 South, Range 26 East, NMFN. It was completed in San Andres on April 8, 1963. The top of perforations is The feet. (023)

(5) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Seven Rivers formation, said pool to bear the designation of South Red Lake-Seven Rivers Pool. Said South Red Lake-Seven Rivers Pool was discovered by Cima Capitan, Inc., Red Lake, State No. 10, located in the Mill Voit P of Section 22, Pownship 17 South, Range 28 East, NYPH. It was completed in Seven Rivers on September 10, 1963. The top of perforations is 770 feet.

(6) That there is need for the extension of the vertical limits of the EX-Queen Pool in Lea County, New Yexico, to thereby include the Yetes Seven Pivers Formations and change the pool name from DF-fueen Pool to the R Vates-Seven Rivers-Queen Pool.

(7) That there is need for period extensions in the list elses (period extensions in the list) elses (period extension) and the length the Hershev-Holdkon, Jush, and the length system late

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(a) that a new part of the formal of the part of the part of the part of the sector (a) and the part of the part o

TWO SPIN 19 HOURS, AND US DANE, MUN SEGMEN 2: N/

(b) That a new pool in ddy denety, New Yextee, clossified as an oil pool for Strawa production, is hereby created and designated as the Yexter Braw-Strawn Fool, consisting of the foll wing described area:

✓ <u>Reasonance 21 Sourre, 19202 28 U.S.P. 1911</u>
 ✓ SECTION 19: SECT

(c) That a new year in Chaves County, New Yoxico, classified as an oil pool for San Amares production, is introby created and designated as the Linda-San Amdres Pool, consisting of the following described area:

V TOLESTIP 6 SOUTH, RENGE 26 EAST, WITH SECTION 33: SW74 and S72 North

(d) That a new pool in Eddy County, New Lexico, classified as an oil pool for Seven Rivers production, is borchy created and designated as the South Red Lake-Seven Rivers Fool, consisting of the following described area:

TOWNSHIP 17 SOUTH, RANGE 28 LAST, NUM-SECTION 22: NM/4

(e) That the North Benson¥Queen-Crayburg Fool in Addy Scunty, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

V SECTION 27: N/2 SM/4 SECTION 28: NE/4

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

TOWNSHIP 19 SOUTH, RANGE 33 EAST, MAR SETTION 4: MA/4 SECTION 5: E/2

(g) That the vertical limits of the EK-Queen Pool in Lea County, New Mexico, are hereby extended to include the Yates and Seven Rivers formations and that the pool mame be changed to the EK Jates Seven Rivers - Queen Fool.

> (h) That the Fowler-Blinebry Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> > TOWNSHIP 24 SOUTH, RANGE 37 EAST, NYLW SECTION 15: SE/4

(i) That the Heashaw-Wolfcamp Pool in Eddy County, New Yexico, as heretodore classified, defined, and described, is hereby extender to include therein:



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(j) that the dustis-flipping for the readenty, new fected, as heretofore classified, defined, as escentice, is hereby extende to include thereig:

(k) that the North custing time in the county, New Verico, as bornedore classified, collact, and escal of is hereby extended to include therein:

 A LEGGTE 21 BOURD, REACT 17 ELSE, STE SUBTICE 16: 19/2 8/21
 REASETTE 28 BOURD, LEGGT 37 ELSE, STE SUBTRO FEE 5/2 5/2

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(1) That the Yiddle Land-Dennsylvanian Bool in Lea Geansy, New Mexico, as heretofore classified, defined, and coscribed, is hereby extended to include therein:

TOWESHIE ID SCHED, RAPPE 33 CAST, MED.
 SECTION 11: NE/4

(a) that the Mesa-jucen Pool in Lea County, New Mexico, as heretafore classified, defined, and described, is hereby extended to include therein:

✓ TGANSHIP 16 SOUTH, RANGE 32 DAST, MINE SECTION 17: SE74

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

TOWNSHIP & SOUTH, RANGE 34 EAST, NAPA SUMPTION 12: NM/4 SECTION 25: NE/4 NE/4 TOWNSHIP & SOUTH, RANGE 35 EAST, NAPA SUMPTION 6: NE/4 SECTION 19: SW/4

(c) That the North Square Lake*Crayburg-San Undres Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> V TOWNSHIT 16 SOUTH, RANGE 31 CAST, NAPA SECTION 6: Lots 9 and 10

(p) That the South Touto-Yates Pool in Lea County, New Yexico, as heretofore classified, defined, and described, is hereby extended to include therein:

r normshift 19 south, range 33 fast, Mate Section 19: SW/4

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

> TOWNSHIP 17 SOUTH, NUNGE 34 EAST, NOTH SECTION 24: SW/4 SECTION 25: NE/4 and SE/4 SECTION 36: NE/4 TOWNSHIP 17 SOUTH, RENGE 35 ELST, NEW

Y TOANSHIP 17 SOUTH, RANGE 35 ELST, NAME SECTION 31: N/2

TOWNSHIP LA COURT, RENGE 30 EAST, NHO SUCTION 1: N/2

(r) That the Montz-Granite Mash hool in Leadonnty, New Mexico, as heretofore classified, defined, and rescriber, is hereby extended to include

..... 0.180 NO. 2957 CR9-70 NO. 34

thereiu:

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✓ TOMNSHIT 22 SOLES, PEROF 07 ELST, 2011 ✓ SECTION 2: SECT

TE 13 TRUER OF STREPT

Past the effective date of this order and all creations and extensions of vertical and hardened links included links below berein shall be damaary 1, 1961.

EXAME at santa to, New Yexico, on the day and year bereinabove design-

nated.

STATE OF NEF YEXICO OH CONSERVIPION CONSISSION

J WK M. C.MANNIL, Chairean

C. S. Ralker, Vester

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

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