CASE 2990:

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SOUTHEASTERN NEW MEXICO NOMENCLATURE



Application, Transcripts, Small Exhibits ETC.

NEW POOLS

a) It is recommended that a new <u>oil</u> pool be created and designated as the <u>BAR II-PENNSYLVANIAN</u> Pool.

Vertical limits to be the <u>Pennsylvanian</u> formation and the borizontal limits should be as follows: <u>as shown in Paragraph (a)</u>. Exhibit I

Discovery well was Lario Oil and Gas Company - State B.#1 located in Unit_P_Section_1_Township_9_Range_32 and was completed on <u>Actober 23, 1963</u> Mark and an angle of the state of the sta

b) It is recommended that a new <u>oil</u> pool be created and designated as the <u>RUFFALO-BONE SPRINGS</u> Pool.

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

c) It is recommended that a new gas pool be created and designated as the CASS RANCH-MORROW GAS _____Pool.

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

NEW POOLS

ď)	lt	is	recommended	that	a	new	gas	١٥٥٩_	ье	created	and	designated	as	the
			GETTY-MOR	ROW G	AS			Poo	ι.					

Vertical limits to be the <u>Morrow</u> formation and the horizontal limits should be as follows: as shown in Paragraph (d), Exhibit I

Discovery well was <u>Odessa Natural Gasoline Company - Federal Doolev #1</u> located in Unit <u>M</u> Section <u>24</u> Township <u>20</u> Range <u>29</u> and was completed on <u>October 30, 1963</u> **WBHS HORS HORS HORSE HORSE**

It is recommended that a new_____pool be created and designated as the ______Pool.

Vertical limits to be the ______formation and the horizontal limits should be as follows:______

Discovery well was_____

located in Unit___Section__Township___Range___and was completed on

______with an initial potential of _____BOPD/MCFGPD. Top of perforations is at _____feet.

It is recommended that a new____pool be created and designated as the ______Pool.

Vertical limits to be the formation and the horizontal

limits should be as follows:______ Discovery well was______

located in Unit____Section___Township____Range____and was completed on

______with an initial potential of _____BOPD/MCFGPD. Top of perforations is at _____feet.

CASE 2990: (a) CREATION OF A NEW OIL POOL

County LEA

POOL BAR U-PENNSYLVANIAN

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URPOSE: C		oil well capa			
ARIO OIL A	ND GAS COMPA	NY - State B # on October 23	<u>l in Unit 1</u> , 1963. To	P of Section 1- op of Perforati l: SE/4	ons 9210"
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CASE 2990: (b) CREATION OF A NEW OIL POOL

County LEA POOL BUFFALO-BONE SPRINGS Tounship 19 South NMPM Range 33 East 2-- - 1 5 -6 - 4 · ٦ 7 - 8 -9 -10 -- 11 --12-18 -17--16 - 15 14 -13--19 20 -- 21-- 22 -23-24--30 - 28 -26 -25 -29-27-- 31-- 32 -- 33 --35 --- 34 -- 36 -<u>PURPOSE: One completed oil well capable of producing.</u> PAN AMERICAN PETROLEUM CORPORATION - Mark Whelan #1 in Unit F of Section 3-19-33. Completed in Bone Springs on October 26, 1963. Top of Perforations 10,314'. Proposed pool boundary colored in red. SECTION 3: NW/4

6 5 4 3 2 1 -7 8 9 10 11 -12 -10 11 -12 1 11 -12 -18 17 -16 15 14 13 -19 20 21 22 23 24 -19 20 21 22 23 24 -30 -29 -28 27 26 25 -31 -32 -33 34 -35 -36 -31 -32 -33 34 -35 -36 -31 -32 -33 34 -35 -36 -31 -32 -33 34 -35 -36 -31 -32 -33 -34 -35 -36 -33 -34 -35 -36 -36 -36 -33 -34 -35 -36 -36 -36 -33 -34 -35 -36 -36 -36 -33 -34 -35 -36 <th>ounship</th> <th>20s</th> <th>Range</th> <th>23E</th> <th></th> <th>NMPM</th> <th></th>	ounship	20s	Range	23E		NMPM	
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 urpose: One completed gas well capable of producing iscovery Well: Tom Brown Drlg.Co., Kewanee State No. 1 in nit D of section 2-20-23. Completed in Morrow November 27 . . . 963, as a shut in gas well. Perforated interval 8501*-878 . . .							
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31 32 33 34 35 36 urpose: One completed gas well capable of producing . iscovery Well: Tom Brown Drlg.Co., Kewanee State No. 1 in nit D of section 2-20-23. Completed in Morrow November 27 963, as a shut in gas well. Perforated interval 8501'-878	\downarrow \downarrow \downarrow \downarrow		╉╍┼╍┼╌╌				
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31 32 33 34 35 36 arpose: One completed gas well capable of producing . iscovery Well: Tom Brown Drlg.Co., Kewanee State No. 1 in nit D of section 2-20-23. Completed in Morrow November 27 963, as a shut in gas well. Perforated interval 8501'-878			╉╌┼─┼──			· · · · · · · · · · · · · · · · · · ·	
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CASE 2990: (e) EXTENSION OF AN EXISTING OIL POOL

CASE 2990:	(f) CXTE	NSION OF AN EX	ISTING OIL H	200L	
County	LEA	Pool SO	UTH CORBIN-C	ULEN	
Tounship	18 South	Range	<u>33_East</u>	NMPM	
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PURPOSE: ()ne complet	ed oil well c	apable of pr	oducing.	
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CASE 2990: (g) EXTENSION OF AN EXISTING GAS POOL

County LEA Pool FOWLER-TUBB GAS

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18 .17 16 15 14 19 20 21 22 23 19 20 21 22 23 -30 29 28 27 26 -31 32 33 34 35 9 28 .27 26 -31 .32 .33 .34 .35 9 .28 .27 .26 -31 .32 Jack L. McClellan, Machris State, No. 1X in unit A, Section 32-19-31. Completed in Yates, October 15, 1 Open hole from 2253' to 2265'.						
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30 29 28 27 26 31 32 33 34 35 Jack L. McClellan, Machris State, No. 1X in unit A, Section 32-19-31. Completed in Yates, October 15, 1 open hole from 2253' to 2265'.						{-
30 29 28 27 26 31 32 33 34 35 31 32 33 34 35 Jack L. McClellan, Machris State, No. 1X in unit A, Section 32-19-31. Completed in Yates, October 15, 1 open hole from 2253' to 2265'. Pool boundary colored in red. 74 75	┉┿╍┼╌┼╍	┫╼╪╼┋╴┼╸	╉╍┼╍┼╸┼		╉╍┼╌┼╌╂	-+
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31 32 33 34 35 Purpose: One completed oil well capable of producing Jack L. McClellan, Machris State, No. 1X in unit A, Section 32-19-31. Completed in Yates, October 15, 1 open hole from 2253' to 2265'. Pool boundary colored in red.			╉╍┿╌┫ᢩ᠋╴┼		23	+
31 32 33 34 35 Purpose: One completed oil well capable of producing Jack L. McClellan, Machris State, No. 1X in unit A, Section 32-19-31. Completed in Yates, October 15, 1 open hole from 2253' to 2265'. Pool boundary colored in red.	┝╍┦╶╂╸╂╸	╶╉╌┽╌┼╌┼╌			╉╌┼╌┠╌┠	
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Purpose: One completed oil well capable of producing Jack L. McClellan, Machris State, No. 1X in unit A, Section 32-19-31. Completed in Yates, October 15, 1 open hole from 2253' to 2265'. Pool boundary colored in red.			28-		26	
Purpose: One completed oil well capable of producing Jack L. McClellan, Machris State, No. 1X in unit A, Section 32-19-31. Completed in Yates, October 15, 1 open hole from 2253' to 2265'. Pool boundary colored in red.			+++		+	
Purpose: One completed oil well capable of producing Jack L. McClellan, Machris State, No. 1X in unit A, Section 32-19-31. Completed in Yates, October 15, 1 open hole from 2253' to 2265'.		╺╋╼╄╼╌┾╾┿╸	╉╌┼╌┼		╉╍┼╌┼╌╊	-+
Purpose: One completed oil well capable of producing Jack L. McClellan, Machris State, No. 1X in unit A, Section 32-19-31. Completed in Yates, October 15, 1 open hole from 2253' to 2265'. Pool boundary colored in red.		╶╊╼┿╸┿╍┿╸	┫		╉╌┼╌┼╌╂	
Jack L. McClellan, Machris State, No. 1X in unit A, Section 32-19-31. Completed in Yates, October 15, 1 open hole from 2253' to 2265'. Pool boundary colored in red.		32				
Jack L. McClellan, Machris State, No. 1X in unit A, Section 32-19-31. Completed in Yates, October 15, 1 open hole from 2253' to 2265'. Pool boundary colored in red.	┝╍╌╉╌╌╉╌		╉┈┼┈┼		╉╌┼╌┼╌╂	
Jack L. McClellan, Machris State, No. 1X in unit A, Section 32-19-31. Completed in Yates, October 15, 1 open hole from 2253' to 2265'. Pool boundary colored in red.						
Section 32-19-31. Completed in Yates, October 15, 1 open hole from 2253' to 2265'. Pool boundary colored in red.	Purpose:	One comple	ted oil w	ell capable	of produci	ng.
Pool boundary colored in red.	Section 3	32-19-31.	Completed	in Yates, (October 15,	19
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Purpose: Tv	vo comple	ted oil	well	s capal	ole of produ	cing.
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liawatha Oi	1 & Gras	Co., P.	R. B	ass No.	l in Lot 5	(unit E) of
Section 3-1	16-30. C	ompleted	<u>1 1 n</u>	Premiei	, November	15, 1963.
Perforated	interval	27891/2 -	- 279	35.		
Pool bounda	ary color	<u>ed in re</u>	ed.			
Proposed ex	tension	colored	in g	reen.	Section 3:	Lot 5 (unit
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CASE 2990: (j) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

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CASE 2990: (k) EXTENSION OF AN EXISTING OIL POOL

PURPOSE: Three completed oil wells capable of producing. TEXAS PACIFIC OIL COMPANY - Langlie "B" #1 in Unit G of Section 11-25-37. Completed in Blinebry on December 1, 1963. Top of Perforations 5300'. UNION TEXAS PETROLEUM CORPORATION - Stuart #7 in Unit F of Section 11-25-37. Completed in Blinebry on October 27, 1963. Top of Perforations 5307'. UNION TEXAS PETROLEUM CORFORATION - Stuart #8 in Unit E of Section 11-25-37. Completed in Blinebry on January 20, 1964. Top of Perforations 5406'. Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 11: S/2 N/2

County	EDDY	P001	LUSK-S	TRAWN				
Tounship	19	Range	31	N	MPM			
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olbi Mav	lor Oil Co	$r_{D} - T_{OI}$	NOS NO	1_23 in		Vof	Soati	~
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Pool hour	dary color	ed in rea	7	·				
	extensions			n Sect	ion 23.	5/2		
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CASE 2990: (1) EXTENSION OF AN EXISTING OIL POOL (Continued on next page) COURTY EDDY Pool LUSK-STRAWN

Tounship	19 South	Range 3	2 East	NMPM	
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7	8	9			
	17		15		
	20	21	22	23-	24
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31			34	35	36
PAN AMERICA 28-19-32. (N PETROLEUM C Completed in	ORPORATION ·	- Plains Uni ovember 16,	oducing, it # 3X -in Unit 1963, Top of	L of Section Perforations
	ol_extension_	colored in f	green. SECI	FION 28: W/2	<u></u>
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CASE 2990: (1) EXTENSION OF AN EXISTING OIL POOL (Continued)
County LEA Pool LUSK-STRAWN

CASE 2990: (m) EXTENSION OF AN EXISTING OIL POOL

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EA POOL MESA-QUEEN

Tounship 16 South Range 32 Fast NMPM	County	<u> </u>	POOL M	LSA-QUELN		
PURPOSE: Two completed oil wells capable of producing. SHELL OIL COMPANY - State MQD #1 in Unit N of Section 17-16-32. Com- pleted in Queen on December 16, 1963. Top of Perforations 3388 ¹ . SHELL OIL COMPANY - State MQD #2 in Unit K of Section 17-16-32. Com- pleted in Queen on December 28, 1963. Top of Perforations 3386 ¹ . ADDITIONSHELL OIL COMPANY - De Cleva State #1 in Unit D of Section 20- 16-32. Completed in red. Proposed pool extensions colored in green. SECTION 17: SW/4	Tounship	16 South	Range 32	East	NMPM	
PURPOSE: Two completed oil wells capable of producing. SHELL OIL COMPANY - State MQD #1 in Unit N of Section 17-16-32. Com- pleted in Queen on December 16, 1963. Top of Perforations 3388 ¹ . SHELL OIL COMPANY - State MQD #2 in Unit K of Section 17-16-32. Com- pleted in Queen on December 28, 1963. Top of Perforations 3386 ¹ . SHELL OIL COMPANY - State MQD #2 in Unit K of Section 17-16-32. Com- pleted in Queen on December 28, 1963. Top of Perforations 3386 ¹ . SHELL OIL COMPANY - State MQD #2 in Unit K of Section 17-16-32. Com- pleted in Queen on December 28, 1963. Top of Perforations 3369 ¹ . ADDITIONSHELL OIL COMPANY - De Cleva State #1 in Unit D of Section 20- 16-32. Completed in queen on January 23, 1964. Top of Perforations 340 Proposed pool extensions colored in green. SECTION 17: SW/4						
PURPOSE: Two completed oil wells capable of producing. SHELL OIL COMPANY - State MQD #1 in Unit N of Section 17-16-32. Com- pleted in Queen on December 16, 1963. Top of Perforations 3388 ¹ . SHELL OIL COMPANY - State MQD #2 in Unit K of Section 17-16-32. Com- pleted in Queen on December 28, 1963. Top of Perforations 3386 ¹ . ADDITIONSHELL OIL COMPANY - De Cleva State #1 in Unit D of Section 20- 16-32. Completed in red. Proposed pool extensions colored in green. SECTION 17: SW/4						
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 9 20 21 26 25 25 31 32 33 34 35 36 9 29 28 27 26 25 31 32 33 34 35 36 9 9 28 27 26 25 9 10 10 10 10 10 9 10 10 10 10 10 9 10 10 10 10 10 9 10 10 10 10 10 9 10 10 10 10 10 9 10 10 10 10 10	6		4			
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19 20 21 22 23 24 30 29 28 27 26 25 30 29 28 27 26 25 31 32 33 34 35 36 PURPOSE: Two completed oil wells capable of producing. SHELL OIL COMPANY - State MQD #1 in Unit N of Section 17-16-32. Com- pleted in Queen on December 16, 1963. Top of Perforations 3388'. SHELL OIL COMPANY - State MQD #2 in Unit K of Section 17-16-32. Com- pleted in Queen on December 28, 1963. Top of Perforations 3369'. ADDITIONSHELL OIL COMPANY - De Cleva State #1 in Unit D of Section 20- 16-32. Completed in Queen on January 23, 1964. Top of Perforations 340 Paol boundary colored in red. Proposed pool extensions colored in green. SECTION 17: SW/4	-+-7-+-	8	9	+ 10	+	
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PURPOSE: Two completed oil wells capable of producing. SHELL OIL COMPANY - State MQD #1 in Unit N of Section 17-16-32. Com- pleted in Queen on December 16, 1963. Top of Perforations 3388'. SHELL OIL COMPANY - State MQD #2 in Unit K of Section 17-16-32. Com- pleted in Queen on December 28, 1963. Top of Perforations 3369'. SHELL OIL COMPANY - State MQD #2 in Unit K of Section 17-16-32. Com- pleted in Queen on December 28, 1963. Top of Perforations 3369'. ADDITIONSHELL OIL COMPANY - De Cleva State #1 in Unit D of Section 20- 16-32. Completed in Queen on January 23, 1964. Top of Perforations 340 Pool boundary colored in red. Proposed pool extensions colored in green. SECTION 17: SW/4		 20	21		23	
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31 32 33 34 35 36 2URPOSE: Two completed oil wells capable of producing. SHELL OIL COMPANY - State MQD #1 in Unit N of Section 17-16-32. Com- pleted in Queen on December 16, 1963. Top of Perforations 3388'. SHELL OIL COMPANY - State MQD #2 in Unit K of Section 17-16-32. Com- pleted in Queen on December 28, 1963. Top of Perforations 3369'. SHELL OIL COMPANY - State MQD #2 in Unit K of Section 17-16-32. Com- pleted in Queen on December 28, 1963. Top of Perforations 3369'. ADDITIONSHELL OIL COMPANY - De Cleva State #1 in Unit D of Section 20- 16-32. Completed in Queen on January 23, 1964. Top of Perforations 340 Peroposed pool extensions colored in green. SECTION 17: SW/4	_}_}_	╉╾┼╌┼╌┼	┠─┼─┼─┤		╉╍┾╴┾╴╋	
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PURPOSE: Two completed oil wells capable of producing. SHELL OIL COMPANY - State MQD #1 in Unit N of Section 17-16-32. Com- pleted in Queen on December 16, 1963. Top of Perforations 3388'. SHELL OIL COMPANY - State MQD #2 in Unit K of Section 17-16-32. Com- pleted in Queen on December 28, 1963. Top of Perforations 3369'. ADDITIONSHELL OIL COMPANY - De Cleva State #1 in Unit D of Section 20- 16-32. Completed in Queen on January 23, 1964. Top of Perforations 340 Proposed pool extensions colored in green. SECTION 17: SW/4		╉╌┼╌┼╌┼			┨╶┟╼┟╴┼╌┠	
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SHELL OIL COMPANY - State MQD #2 in Unit K of Section 17-16-32. Com- pleted in Queen on December 28, 1963. Top of Perforations 3369'. ADDITIONSHELL OIL COMPANY - De Cleva State #1 in Unit D of Section 20- 16-32. Completed in Queen on January 23, 1964. Top of Perforations 340 Pool boundary colored in red. Proposed pool extensions colored in green. SECTION 17: SW/4			•			
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ADDITIONSHELL OIL COMPANY - De Cleva State #1 in Unit D of Section 20- 16-32. Completed in Queen on January 23, 1964. Top of Perforations 340 Pool boundary colored in red. Proposed pool extensions colored in green. SECTION 17: SW/4			•			
16-32. Completed in Queen on January 23, 1964. Top of Perforations 340 Pool boundary colored in red. Proposed pool extensions colored in green. SECTION 17: SW/4			-	-		
Proposed pool extensions colored in green. SECTION 17: SW/4						
	Pool bounda	ry colored in	n_red			
ADDITIONSECTION_20: NW/4	Proposed po	<u>ol extension</u>	s colored in	green. SEC	TION 17: SW/4	1
			ADDITIO	NSEC	TION 20: NW/4	1
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CASE 2990: (o) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool PEARL-QUEEN

Tounship	19 South	Range 34 F	ast	NMPM	
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				14	
				<u></u>	
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	20	21		23	
					24
		28		26	
			-+-+		
		┝╌┼╌┽╌╉	╾┼╌┼╌┼╌		
[+]			╶╂╍┠╍┠╌	╉╌┼╌┾╌┤	
31-+	32	33		35	
		┝╌╌╂╾╌┠╌╌┨╴		╊──┼──┼──┥	
		oil well capa	-		
ERNEST A. HA	NSON - Mesca	<u>lero Ridge Ur</u>	<u>it #1-35 i</u>	n Unit I of S	ection 35-
<u>19-34. Com</u>	leted in Que	en on Decembe	er 12, 1963	. Top of Per	forations
4580'.					
Pool boundar	y colored in	red.			
~ I	extension	colored in gr	een. SECT	TION 35: S/2	
Proposed por					
Proposed por					
Proposed poo				<u></u>	
Proposed por					

CASE 2990: (p) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool NORTH VACUUM-DEVONIAN

- ANALL YANDUN"UN

Tounship	18 South	Range	35 East	NMPM	
6	5	4			
			4		
7			10		
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	20	21	22	23	24
					╊╼╾ <u></u> ╋╼╌ <u></u> ┥╌╸╊╼╌╸
	29	28	27	26	25
31	32	33-			36
		33	34	- 35	

PURPOSE: One completed oil well capable of producing.

SINCLAIR OIL & G4S COMPANY - State Lea 403 #6 in Unit B of Section 17-18-35. Completed in Devonian on December 2, 1963. Top of Perforations 11,642'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 17: NE/4

CASE 2990: ((q)	EXTENSION	0F	AN	EXISTING	OIL	POOL
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County LEA Pcol VACUUN-PENNSYLVANIAN

Tounship	17 South	Range	34 East	NMPM	
				2	
6	5	4	3	2	
7	8	9			
18	17			14	
	1/	10	1 ,	17	
	20	21		23	
30	29			26	2
31	32	33		35	
PURPOSE: T	wo completed	oil wells ca	upable of pro	oducing.	
TEXACO, INC	- State of	New Mexico () #4 in Unit	Y of Section	25-17-34.
Completed i	n Pennsylvani	ian on Novemt	er 10, 1963	. Top of Perf	orations
10,069'.					
SOCONY MOBI	LOIL COMPANY	/, INC Sta	te Bridges :	∯98 in Unit J	of Section
26-17-34.	Completed in	Pennsylvania	n on Decemb	er 15, 1963.	Top of
Perforation	s 11,460'.				•
	•				
Proposed po	<u>ol extension</u> s	s colored in	green. SEC	TION 25: SE/4	
			SEC	TION 26: SE/4	
•					
	····				

	EDDY	Pool		KEYES GAS	
Tounship	17s_	Range	28E	NMPM	
					┥┥┥╸
		4			1
	╉╌┽╶┼╌┾╍╴┥		╶┠──┼──┼──	╶╂╌╌┟┈┟┈┼┈┼	······································
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				╉╌┽╌┽╌┠╴┠	
	17			14	
			╶┨╴╶┽╺╌┼╌╴┼╌	╶┨╌╍┽╾╌╆╌╌╆╌╴╆╴	╌┟╌╾┽╼╌┽──┄
	┨──┤──┤──┥──	┝╾┞╾┾╾┿	╉╌┼╌┽╌┽╴	╺╋╼┼╾┾╸┾╸╋╸	╺╋╾┟─┼─╸
	20	21	22		+ 24 +
	╏╌┼╼┼╼┽╌	┫──┨──┨──┤──	╂╶╉╌┽╼┽╴	╶╉╶┼╾┼╌┠╴╉╴	
<u></u>} <u></u> }	╋╌┽╌┽╌┼╌	┠╼╍╁╌╌┾╌╾┝╌╴	╉╍╁╸┼╶┼╵	╶┨╶┤╴┼╸┼╸╋╸	╺┾╌┼╌┼╌╴
		┠┈╎╼╷╎		╶┨╌┧╌┟╌┟╴┨╴	
	29			26	
				20	
-+ +-+-					
━╈╼╋╼╋╼	╉╌┼╌┽╌┾╌╸	┠╼┼╼┼╼┽╼	╶╉╼╌┼╴╴┼╌╌┾╾	╶╉╾┽╴┼╴┽╶╋╵	╺╉╍╆╼┾╤╍
-+	┨╶┼╌┼╌┼	╏╴┟╴┼╼┼┈	┨╌╁╸┼╼╄╸	╺╉┈┼╌┼╶┽╶╶╂╴	
	32	33		35	
Purpose •		ted das we	ll capable	e of producin	σ.
CHEMICAL	EXPRESS, I	NC., Delh:	L State We.	1 <u>1 No. 3 in u</u>	nit H of
Section 8	-17-28. C	ompleted :	in Queen, 1	August 19, 19	63 throug
perforati	ons 1302'	to 1318'.			~
····				<u></u>	
Pool boun	dary color	ed in red	•		
Pronosed	extension	colored in	n green.	Section 8: NE	/4
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1 Lopobed					
<u> </u>					
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<u>. 4000000</u>					
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CASE 2990: (r) EXTENSION OF AN EXISTING GAS POOL COUNTY EDDY Pool VANDAGRIFF KEYES GAS

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 Lea and Eddy Counties, CASE 2990: New Mexico, and extensions of certain existing pools in Lea and Eddy 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.

CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, designated as the Bar U-Pennsylvanian Pool, and de-(a) scribed as:

TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM SE/4 SECTION 1:

- CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Bone Springs production, designated as the Buffalo-Bone Springs Pool, and (b) described as:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM SECTION 3: NW/4

CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, designated as the Cass Ranch-Morrow Gas Pool, and described as: (c)

TOWNSHIP 20 SOUTH, RANGE 23 EAST, NMPM SECTION 2: All •••••

(d) CREATE a new pool in Eddy County, New Mexico classified as a gas pool for Morrow production, designated as the Getty-Morrow Gas Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 29 EAST, NMPM SECTION 24: All

EXTEND the Artesia Queen-Grayburg-San Andres Pcol in Eddy County, New Mexico, to include therein: (e)

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM se/4 NW/4SECTION 6:

EXTEND the South Corbin-Queen Pool in Lea County, New Mexico, to include therein: (f)

1.

Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM SECTION 33: E/2

(g) EXTEND the Fowler-Tubb Gas Pool in Lea County, New Mexico, to include therein:

> TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM SECTION 22: All

(h) EXTEND the Grayburg Jackson-Queen-Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

> TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM SECTION 10: SE/4 SE/4

(i) EXTEND the North Hackberry-Yates Pool in Eddy County, New Mexico, to include therein: ΞĽ

> TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM SECTION 32: N/2 N/2

(j) EXTEND the West Henshaw-Grayburg Pool in Eddy County, New Mexico, to include therein:

> TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM SECTION 3: Lot 5

جرب الطهيبية مأيار ALLOWABLE: (1) Consideration of the did allowable for march, iter.

. . .

(2) Consideration of the allowable production of gas for March, 1964, from ten prorated pools in Lea and Eddy Counties, New Mexico, also consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico, for March, 1964.

1

Application of Skelly Oil Company for compulsory pooling, CASE 2989: Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order force-pooling all mineral interests in the West Jal-Strawn Gas Pool underlying all of Section 17, Township 25 South, Range 36 East, Lea County, New Mexico.

The the method of the a riter of the Nil Conservation

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM SECTION 33: E/2

(g) EXTEND the Fowler-Tubb Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM SECTION 22: All

(h) EXTEND the Grayburg Jackson-Queen-Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

> TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM SECTION 10: SE/4 SE/4

(i) EXTEND the North Hackberry-Yates Pool in Eddy County, New Mexico, to include therein:

> TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM SECTION 32: N/2 N/2

(j) EXTEND the West Henshaw-Grayburg Pool in Eddy County, New Mexico, to include therein:

> TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM SECTION 3: Lot 5

ADDITION:

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM SECTION 24: NE/4 SW/4

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

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

(1) EXTEND the Lusk-Strawn Pool in Eddy and Lea Counties, New Mexico, to include therein:

The manage of the afbrication of the off the Commission of New Mexico upon its own motion for an order for the creation of new pools in Lea and Eddy Counties, New Mexico, and extensions of certain existing pools in Lea and Eddy 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.

> CREATE a new pool in Lea County, New Mexico, classi-(a) fied as an oil pool for Pennsylvanian production, designated as the Bar U-Pennsylvanian Pool, and described as:

> > TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM SECTION 1: SE/4

(b) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Bone Springs production, designated as the Buffalo-Bone Springs Pool, and described as:

> TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM SECTION 3: NW/4

(c)CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, designated as the Cass Ranch-Morrow Gas Pool, and described as:

> TOWNSHIP 20 SOUTH, RANGE 23 EAST, NMPM SECTION 2: All

(r) EXTEND MUR WEIGEGREET KC. Alte Mr. Scent County, New Mexico, in include therein:

> TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM SECTION 8: NE/4

CASE 2990:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM SECTION 23: S/2 SECTION 24: S/2

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM SECTION 28: W/2

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

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

ADDITION----SECTION 20: NW/4

 (n) EXTEND the Paduca-Delaware Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM SECTION 27: NW/4

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

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM SECTION 35: S/2

(p) EXTEND the North Vacuum-Devonian Pool in Lea County. New Mexico, to include therein:

> TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM SECTION 17: NE/4

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

> TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM SECTION 25: SE/4 SECTION 26: SE/4

(r) EXTERN Wandagriff Keyes Gas Pool in Eddy County Mexico, in include therein:

> TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM SECTION 8: NE/4

DOCKET: REGULAR HEARING - THURSDAY - FEBRUARY 13, 1964

Oil Conservation Commission - 9 A.M. - Morgan Hall, State Land Office Building, Santa Fe, New Mexico

- ALLOWABLE: (1) Consideration of the oil allowable for March, 1964.
 - (2) Consideration of the allowable production of gas for March, 1964, from ten prorated pools in Lea and Eddy Counties, New Mexico, also consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico, for March, 1964.
- CASE 2989: Application of Skelly Oil Company for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order force-pooling all mineral interests in the West Jal-Strawn Gas Pool underlying all of Section 17, Township 25 South, Range 36 East, Lea County, New Mexico.
- **CASE 2990:** 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 Lea and Eddy Counties, New Mexico, and extensions of certain existing pools in Lea and Eddy Counties, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations and extensions should not be made.
 - (a) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, designated as the Bar U-Pennsylvanian Pool, and described as:

TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM SECTION 1: SE/4

(b) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Bone Springs production, designated as the Buffalo-Bone Springs Pool, and described as:

> TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM SECTION 3: NW/4

(c) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, designated as the Cass Ranch-Morrow Gas Pool, and described as:

> TOWNSHIP 20 SOUTH, RANGE 23 EAST, NMPM SECTION 2: All

Case 2990 continued from page 1

-2-

(e)

(d) CREATE a new pool in Eddy County, New Mexico classified as a gas pool for Morrow production, designated as the Getty-Morrow Gas Pool, and described as:

> TOWNSHIP 20 SOUTH, RANGE 29 EAST, NMPM SECTION 24: All

EXTEND the Artesia Queen-Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

> TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM SECTION 6: SE/4 NW/4

(f) EXTEND the South Corbin-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM SECTION 33: E/2

(g) EXTEND the Fowler-Tubb Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM SECTION 22: All

(h) EXTEND the Grayburg Jackson-Queen-Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

> TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM SECTION 10: SE/4 SE/4

(i) EXTEND the North Hackberry-Yates Pool in Eddy County, New Mexico, to include therein:

> TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM SECTION 32: N/2 N/2

(j) EXTEND the West Henshaw-Grayburg Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM SECTION 3: Lot 5

Case 2990 continued from page 2

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

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

(1) EXTEND the Lusk-Strawn Pool in Eddy and Lea Counties, New Mexico, to include therein:

> TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM SECTION 23: S/2 SECTION 24: S/2

> TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM SECTION 28: W/2

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

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

 (n) EXTEND the Paduca-Delaware Pool in Lea County, New Mexico, to include therein:

> TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM SECTION 27: NW/4

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

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM SECTION 35: S/2

(p) EXTEND the North Vacuum-Devonian Pool in Lea County, New Mexico, to include therein:

> TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM SECTION 17: NE/4

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

> TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM SECTION 25: SE/4 SECTION 26: SE/4

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Case 2990 continued from page 3 (r) EXTEND the Vandagriff Keyes Gas Pool in Eddy County, New Mexico, in include therein: <u>TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM</u> SECTION 8: NF /4

-4-

NOMENCLATURE ADVERTISEMENT FOR FEBRUARY, 1964 CASE

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 Eddy and Lea Counties, New Mexico, and extensions of certain existing pools in Eddy and Lea Counties, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations and extensions should not be made.

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

TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM SECTION 1: SE/4

b) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Bone Springs production, designated as the Buffalo-Bone Springs Pool, and described as:

> TOWNSHIP 19 SOUTH, RANGE 33 EAST, MMPM SECTION 3: NW/4

c) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, designated as the Cass Ranch-Morrow Gas Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 23 EAST, NMPH SECTION 2: All

d) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, designated as the <u>Getty-Morrow</u> Gas Pool, and described as:

> TOWNSHIP 20 SOUTH, RANGE 29 EAST, NMPM SECTION 24: All

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e) EXTEND the Artesia Queen-Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM SECTION 6: SE/4 NW/4

f) EXTEND the South Corbin-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM SECTION 33: E/2

g) EXTEND the Fowler-Tubb Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM SECTION 22: All

h) EXTEND the Grayburg/Jackson-Queen-Grayburg-San Andres Pool in Eddy

-2- February, 1964 Nomenclature

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County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM SECTION 10: SE/4 SE/4

i) EXTEND the North Hackberry-Yates Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPH SECTION 32: N/2 N/2

j) EXTEND the West Henshaw-Grayburg Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM SECTION 3: Lot 5

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

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NHPM SECTION 11: S/2 N/2

1) EXTEND the Lusk-Strawn Pool in Eddy and Lea Counties, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM SECTION 23: S/2 SECTION 24: S/2

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM SECTION 28: W/2

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

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

n) EXTEND the Paduca-Delaware Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 25 SOUTH, RANGE 32 EAST, MMPM SECTION 27: NW/4

o) EXTEND the Pearl-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM SECTION 35: S/2

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

> TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM SECTION 17: NE/4

q) EXTEND the Vacuum-Pennsylvanian Pool in Lea County, New Mexico, to

-3- February, 1964 Nomenclature

include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, MPM SECTION 25: SE/4 SECTION 26: SE/4

r) EXTEND the Vandagriff Keyes Gas Pool in Eddy County, New Mexico, to include therein:

> TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM SECTION 8: NE/4
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. 2990 ORDER NO. R-2651

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

GRDER OF THE COMMISSION

BI THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on February 13, 1964, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this <u>14th</u> day of February, 1964, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

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

(2) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation of Bar U-Pennsylvanian Pool. Said Bar U-Pennsylvanian Pool was discovered by Lario Cil and Gas Company, State B No. 1, located in Unit P of Section 1, Township 9 South, Range 32 East, NMPM. It was completed in Pennsylvanian on October 23, 1963. The top of perforations is 9210 feet.

(3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Bone Springs formation, said pool to bear the designation of -2-Case No. 2990 Order No. R-2651

Buffalo-Bone Springs Pool. Said Buffalo-Bone Springs Pool was discovered by Pan American Petroleum Corporation, Mark Whelan No. 1, located in Unit F of Section 3, Township 19 South, Range 33 East, NNPM. It was completed in Bone Springs on October 26, 1963. The top of perforations is 10,314 feet.

(4) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Cass Ranch-Morrow Gas Pool. Said Cass Ranch-Morrow Gas Pool was discovered by Tom Brown Drilling Company, Kewanee State No. 1, located in Unit D of Section 2, Township 20 South, Range 23 East, NMPM. It was completed in Morrow on November 27, 1963. The top of perforations is 8501 feet.

(5) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Getty-Morrow Gas Pool. Said Getty-Morrow Gas Pool was discovered by Odessa Natural Gasoline Company, Federal Dooley No. 1, located in Unit M of Section 24, Township 20 South, Range 29 East, NMPM. It was completed in Morrow on October 30, 1963. The top of perforations is 12,102 feet.

(6) That there is need for certain extensions to the Artesia Queen-Grayburg-San Andres Pool, the Grayburg Jackson-Queen-Grayburg-San Andres Pool, the North Hackberry-Yates Pool, the West Henshaw-Grayburg Pool, the Lusk-Strawn Pool, and the Vandagriff Keyes Gas Pool, all in Eddy County, New Mexico, the South Corbin-Queen Pool, all in Eddy County, New Mexico, the South Corbin-Queen Pool, the Fowler-Tubb Gas Pool, the North Justis-Blinebry Pool, the Lusk-Strawn Pool, the Mesa-Queen Pool, the Paduca-Delaware Pool, the Pearl-Queen Pool, the North Vacuum-Devonian Pool, and the Vacuum-Pennsylvanian Fool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED:

-3-Case No. 2990 Order No. R-2651

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

TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM SECTION 1: SE/4

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

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM SECTION 3: NW/4

(c) That a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, is hereby created and designated as the Cars Ranch-Morrow Gas Pool, consisting of the following described area:

TOWNSHIP 20 SOUTH, RANGE 23 EAST, NMPM SECTION 2: All

(d) That a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, is hereby created and designated as the Getty-Morrow Gas Pool, consisting of the following described area:

TOWNSHIP 20 SOUTH, RANGE 29 EAST, NMPM SECTION 24: All

(e) That the Artesia Queen-Grayburg-San Andres Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein: -4-Case No. 2990 Order No. R-2651

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM SECTION 6: SE/4 NW/4

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

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM SECTION 33: E/2

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

TOWNSHIP 24 SOUTH, RANGE 37 BAST, NMPM SECTION 22: All

(h) That the Grayburg-Jackson-Queen-Grayburg-San Andres Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM SECTION 10: SE/4 SE/4

(i) That the North Hackberry-Yates Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM SECTION 32: N/2 N/2

(j) That the West Henshaw-Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM SECTION 24: NE/4 SW/4

> TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM SECTION 3: Lot 5

-5-Case No. 2990 Order No. R-2651

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

> TOWNSHIP 25 SOUTH, RANGE 37 EAST, MAPA SECTION 11: 3/2 N/2

(1) That the Lusk-Strawn Pool in Eddy and Lea Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 19 SOUTH, RANGE 31 EAST, NNPM SECTION 23: S/2 SECTION 24: S/2

> TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM SECTION 28: W/2

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

> TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM SECTION 17: SW/4 SECTION 20: NW/4

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

TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM SECTION 27: NW/4

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

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM SECTION 35: S/2

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

> TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM SECTION 17: NE/4

-6-Case No. 2990 Order No. R-2651

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

> TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM SECTION 25: SE/4 SECTION 26: SE/4

(r) That the Vandagriff Keyes Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 17 SOUTH, RANGE 28 EAST, XMPM SECTION 8: NE/4

IT IS FURTHER ORDERED:

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

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



STATE OF NEW MEXICO

Member one

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

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PAGE 2 BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION -Santa Fe. New Mexico February 13. 1964 REGULAR HEARING 243-6691 DEARNLEY, MEIER, WILKINS and CROWNOVER IN THE MATTER OF: Phone The application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation Case No. 2990 of new pools in Lea and Eddy Counties, New Mexico, and extensions of certain Mexico existing pools in Lea and Eddy Counties, New Mexico. General Court Reporting Service New E. S. "Johnnie" Walker, Land Commissioner BEFORE : uerque, A. L. "Pete Porter, Secretary-Director TRANSCRIPT OF HEARING MR. PORTER: The hearing will come to order, please. 61 The Commission will take up Case 2990, Southeast New Mexico Buildi Nomenclature Case. Simms DAN S. NUTTER, called as a witness herein, having been first duly sworn on oath, Suite 1120 was examined and testified as follows: DIRECT EXAMINATION BY MR. DURRETT: Please, state your name and position for the record? Q Dan Nutter, Chief Engineer for the Oil Commission. А Q Are you prepared to make recommendations to the Commission

today concerning the nomenclature in Southeast New Mexico? Yes, sir, I am. А In that connection have you prepared an exhibit? ລ Yes, sir. А Phone 243-6601 How is that marked? O, This is identified as Exhibit Number 1 in Case 2990. А Would you, please, refer to Exhibit Number 1 and to the ດ docket that's been distributed here today and make your recommendations, pointing out, particularly, any additions that Mexico do not appear on the docket, or corrections? Jeneral Court Ruporting Service New Yes. In Paragraph "A" I recommend the creation of a new Α Albuquerque, pool to be designated the Bar U-Pennsylvanian Pool. This is the Lario Oil and Gas Company, State B Number 1, located in Unit P of Section 1, Township 9 South, Range 32 East. It was completed in the Pennsylvanian formation on October the 23rd, 1963. The top of the perforations is 9210 and the pool would comprise the Buildin Southeast Quarter. Suite 1120 Simms In Paragraph "B" I recommend the creation of a new oil pool to be designated as the Buffalo-Bone Springs Pool. This is the Pan American Petroleum Corporation, Mark Whelan Number 1 in Unit F of Section 3, Township 19 South, Range 33 East, completed in

DEARNLEY, MEIER, WILKINS and CROWNOVER

Bone Springs formation, October 26, 1963, with the top of the perforations at 10,314 feet, the pool would comprise the Northwest Quarter.

In Paragraph "C" I recommend the creation of the Cass Ranch-



page 3

DEARNLEY, MEIER, WILKINS and CROWNOVER General Court Reporting Service Phone 243-669

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Morrow Gas Pool to comprise all of Section 2, Township 20 South, Range 23 East. Discovery well, Tom Brown Drilling Company, Kewanee State Number 1 in Unit D of Section 2. Completed in Morrow formation November 27, 1963, perforated interval 8501 to 8780 feet.

In Paragraph "D" I recommend the creation of the Getty-Morrow Gas Pool, to comprise all of Section 24, Township 20 South, Range 29 East. This pool was discovered by the Odessa Natural Gasoline Company, Federal Dooley Number 1 in Unit M of Section 24. Completed in the Morrow formation October 30, 1963, with the top of the perforations at 12,102 and the bottom at 12229.

I recommend that Paragraphs "E" through "I" be extended as shown on the docket which is identical to the exhibit.

I recommend that Paragraph "J" be extended as shown on the exhibit which differs from the docket in some respects, the total extention for the West Henshaw-Grayburg Pool will be Lot 5 of Section 3, Township 16 South, Range 30 East and the Northeast Quarter of the Southwest Quarter of Section 24, Township 16 South, Range 29 East.

I recommend that Paragraphs "K" and "L" be extended as shown on the exhibit which is identical to the docket.

I recommend that the Mesa-Queen Pool be extended as shown on the exhibit which is as on the docket with some deviation, the total extention would be the Southwest Quarter of Section 17 and the Northwest Quarter of Section 20, both in Township 16 South,



			Range 32 East.
Y, MEIER, WILKINS and CROWNOVER			I recommend that the remainder of the pools be extended as
			shown on the exhibit which is identical to the docket, being
			Paragraphs "N" through "R".
		243-6691	Q Do you have anything further to offer in this case?
		243-	A No, sir.
		Phone	Q Was Exhibit 1 prepared by you or under your direction?
		hd	A It was.
		New Mexico	MR. DURRETT: If the Commission please, I move the
	oice		introduction of Exhibit 1 and that concludes my examination of
S a	g Service		Mr. Nutter.
Č IN	portin		MR. PORTER: Without objection the exhibit will be
711.1	General Court Reporting	Albuquerque,	admitted, does anyone have any questions of this witness? Mr.
S A	l Cou	Albu	Nutter, you may be excused. The Commission will take the case
IEI	ienera		under advisement.
ME	9	Building	***
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DEARNLE		smm	
AR		SO Si	
DE		Suite 1120 Simms	
		Suit	
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		STATE OF NEW MEXICO)) SS COUNTY OF BERNALILLO)
		I, NORRIS R. CROWNOVER, Notary Public in and for the County of
	169	Bernalillo, State of New Mexico, do hereby certify that the
ER	243-6691	foregoing and attached Transcript of Hearing before the New Mexico
0V.	ne 2.	Oil Conservation Commission was reported by me, and that the same
NA	Phone	is a true and correct record of the said proceedings, to the
ROI		best of my knowledge, skill, and ability.
Y, MEIER, WILKINS and CROWNOVER General Court Reporting Service	Mexico	WITNESS my Hand and Seal this 17th day of February, 1964.
anc Servic		
EIER, WILKINS and General Court Reporting Service	e, New	NOTARY PUBLIC
L.K.	Albuquerque,	
WI.	nbnq	My Commission Expires:
ER, rral C	Al	July 11, 1967.
[EI] Gene	ßı	
W	Building	
DEARNLE	Simm	
EAI	20 2	
Ŋ	Suite 1120 Simms	
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		BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION Santa Te New Mexico Pebruary 13 1961
	91	REQULAR HEARING
Y, MEIER, WILKINS and CROWNOVER General Court Reporting Service	Albuquerque, New Mexico Phone 243-6691	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 Lea and Eddy Counties, New Mexico, and extensions of certain existing pools in Lea and Eddy Counties, New Mexico.
EIER, WILKINS and General Court Reporting Service		BEFORE: E. S. "Johnnie" Walker, Land Commissioner A. L. "Pete Porter, Secretary-Director TRANSCRIPT OF HEARING MR. PORTER: The hearing will come to order, please.
MEII Geni	Building	The Commission will take up Case 2990, Southeast New Mexico
Υ,	Build	Nomenclature Case.
NLI	Simms	DAN S. NUTTER,
DEARNLE) Sin	called as a witness herein, having been first duly sworn on oath,
DE_{I}	112(was examined and testified as follows:
ı	Suite 1120	DIRECT EXAMINATION
	~	BY MR. DURRETT:
		O Please, state your name and position for the record?
•		A Den Nutter, Chief Engineer for the Oil Commission.
	l	Are you prepared to make recommendations to the Commission

today concerning the nomenclature in Southcast New Mexico? A Yes, sir, I am. In that connection have you prepared an exhibit? Yes, sir. £. 243-6691 How is that marked? This is identified as Smillit Number 1 in Case 2990. A Phone Would you, please, refer to Exhibit Number 1 and to the \mathbf{C} docket that's been distributed here beday and make your recommendations, pointing out, particularly, any additions that Mexico do not appear on the docket, or corrections? New Yes. In Paragraph "A" I recommend the creation of a new А Albuquerque, pool to be designated the Bar U-Pennsylvanian Pool. This is the Lario 011 and Gas Company, State B Humber 1, located in Unit P of Section 1, Township 9 Nouth, Range 32 Mast. It was completed in the Pennsylvanian formation on October the 23rd, 1963. The Building top of the perforations is 9910 and the pool would comprise the Southeast Quarter. Simms In Paragraph "B" I recommend the creation of a new oil pool to be designated as the Buffalo-Bone Springs Pool. This is the 1120 Pan American Petroleum Corporation, Mark Enelan Number 1 in Unit Suite F of Section 3, Township 19 South, Range 33 East, completed in Bone Springs formation, October 26, 1963, with the top of the

perforations at 10,314 feet, the pool would comprise the Northwest Quarter.

In Paragraph "C" I recommend the creation of the Cass Ranch-



DEARNLEY, MEIER, WILKINS and CROWNOVER General Court Reporting Service PAGE 3

DEARNLEY, MEIER, WILKINS and CROWNOVER General Court Reporting Service 243-669

Phone

Mexico

New

Albuquerque,

Building

Simms

Suite 1120

Morrow Gas Pool to comprise all of Section 2, Township 20 South, Range 23 East. Discovery well, Tom Brown Drilling Company, Kewanee State Number 1 in Unit D of Section 2. Completed in Morrow Commation Movember 27, 1963, perforated interval 8501 to 8780 feet.

In Paragraph "D" I recommend the creation of the detty-Morrow Gas Pool, to comprise all of Section 24, Township 20 South, Range 29 East. This pool was discovered by the Odessa Natural Gasoline Company, Federal Dooley Humber 1 in Unit M of Section 24. Completed in the Morrow formation October 30, 1963, with the top of the perforations at 12,202 and the better at 12229.

I recommend that Paragraphs "E" through "I" be extended as shown on the docket which is identical to the exhibit.

I recommend that Paragraph "J" be extended as shown on the exhibit which differs from the docket in scar respects, the total extention for the West Henshew-Grayburg Pool will be Lot 5 of Section 3, Township 16 South, Range 30 East and the Northeast Quarter of the Southwest Cuarter of Section 24, Township 16 South, Range 29 East.

I recommend that Paragraphs "K" and "L" be extended as shown on the exhibit which is identical to the docket.

I recommend that the Mess-Queen Pool be extended as shown on the exhibit which is as on the docket with some deviation, the total extention would be the Southwest Queeter of Section 17 and the Northwest Querter of Section 20, both in Pownship 16 South,

	Range 32 East.									
	I re	accommend that the remainder of the pools be extended as								
l	shown on	the exhibit which is identical to the docket, being								
1	Paragraphs "?" through "R".									
Phone 243.6691	ۍ ۲	Do you have anything further to offer in this case?								
	А	No, sir.								
	0	Was Exhibit 1 propared by you or under your direction?								
	А	It was.								
0		MR. DURRETT: If the Commission please, I move the								
New Mexico	introduction of Exhibit 1 and that concludes my examination of									
Vew 1	Mr. Nutto	er.								
Albuquerque, N		MR. PORTER: Without objection the exhibit will be								
	admitted	, does anyone have any questions of this witness? Mr.								
Albuc	Nutter, you may be excused. The Commission will take the case									
	under adv	visement.								
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DEARNLEY, MEIER, WILKENS and CROWNOVER General Court Reporting Service

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STATE OF NEW MEXICO 88 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 Phone 243-6691 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. Albuquerque, New Mexico WITNESS my Hand and Seal this 17th day of February, 1964. General Court Reporting Service Janmon C. a. NOTARY PUBLIC My Commission Expires: July 11, 1967. Suite 1120 Simms Building

DEARNLEY, MEIER, WILKENS and CROWNOVER



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. 2990 ORDER NO. R-R-265

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on February 13, 1964, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this day of February, 1964, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

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

(2) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation of Bar U-Pennsylvanian Pool. Said Bar U-Pennsylvanian Pool was discovered by Lario Oil and Gas Company, State B No. 1, located in the state, Unit P of Section 1, Township 9 South, Range 32 East, NMPM. It was completed in Pennsylvanian on October 23, 1963. The top of perforations is 9210 feet.

(3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Bone Springs formation, said pool to bear the designation of Buffalo-Bone Springs Pool. Said Buffalo-Bone Springs Pool was discovered by Pan American Petroleum Corporation, Mark Whelan No. 1, located in the AMP/A. Unit F of Section 3, Township 19 South, Range 33 East, NMPM. It was completed in Bone Springs on October 26, 1963. The top of perforations is 10,314 feet.

(4) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Cass Ranch-Morrow Gas Pool. Said Cass Ranch-Morrow Gas Pool was discovered by Tom Brown Drilling Company, Kewanee State No. 1, located in **Section 2**, Township 20 South, Range 23 East, NMPM. It was completed in Morrow on November 27, 1963. The top of perforations is 8501 feet.

(5) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Getty-Morrow Gas Pool. Said Getty-Morrow Gas Pool was discovered by Odessa Natural Gasoline Company, Federal Dooley No. 1, located in Cost SW/4, Unit M of Section 24, Township 20 South, Range 29 East, NMPM. It was completed in Morrow on October 30, 1963. The top of perforations is 12,102 feet.

(6) That there is need for certain extensions to the Artesia Queen-Grayburg-San Andres Pool, the Grayburg Jackson-Queen-Grayburg-San Andres Pool, the North Hackberry-Yates Pool, the West Henshaw-Grayburg Pool, the Lusk-Strawn Pool, and the Vandagriff Keyes Gas Pool, all in Eddy County, New Mexico, the South Corbin-Queen Pool, the Fowler-Tubb Gas Pool, the North Justis-Blinebry Pool, the Lusk-Strawn Pool, the Mesa-Queen Pool, the Paduca-Delaware Pool, the Pearl-Queen Pool, the North Vacuum-Devonian Pool, and the Vacuum-Pennsylvanian Pool, all in Lea County, New Mexico. -2-CASE NO. 2990 ORDER NO. R-

IT IS THEREFORE ORDERED:

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

TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM SECTION 1: SE/4

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

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM SECTION 3: NW/4

(c) That a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, is hereby created and designated as the Cass Ranch-Morrow Gas Pool, consisting of the following described area:

TOWNSHIP 20 SOUTH, RANGE 23 EAST, MMPM SECTION 2: All

(d) That a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, is hereby created and designated as the Getty-Morrow Gas Pool, consisting of the following described area:

TOWNSHIP 20 SOUTH, RANGE 29 EAST, NMPM SECTION 24: All

(e) That the Artesia Queen-Grayburg-San Andres Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include thereiu:

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM SECTION 6: SE/4 NW/4

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

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM SECTION 33: E/2

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

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM SECTION 22: All

(h) That the Grayburg Jackson-Queen-Grayburg-San Andres Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM SECTION 10: SE/4 SE/4

(i) That the North Hackberry-Yates Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM SECTION 32: N/2 N/2

(j) That the West Henshaw-Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM SECTION 24: NE/4 SW/4

TOWNSHIP 16 SOUTH, RANGE 30 EAST, MMPM SECTION 3: Lot 5 -3-CASE NO. 2990 ORDER NO. R-

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

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

(1) That the Lusk-Strawn Pool in Eddy and Lea Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM SECTION 23: S/2 SECTION 24: S/2

TOWNSHIP 19 SOUTH, RANGE 32 EAST, MMPM SECTION 28: W/2

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

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM SECTION 17: SW/4 SECTION 20: NW/4

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

TCWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM SECTION 27: NW/4

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

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM SECTION 35: S/2

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

> TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM SECTION 17: NE/4

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

> TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM SECTION 25: SE/4 SECTION 26: SE/4

(r) That the Vandagriff Keyes Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM SECTION 8: NE/4

IT IS FURTHER ORDERED:

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

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

STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

JACK M. CAMPBELL, Chairman

E. S. Walker, Member

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