### CASE 4381:

SOUTHEASTERN NEW MEXICO NOMENCLATURE Lase Number

Application Transcripts.

Small Exhibits

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

July 15, 1970

EXAMINER HEARING

IN THE MATTER OF:

Southeastern New Mexico nomenclature case calling for an order for the creation, extension and contraction of certain pools in Lea, Chaves, Eddy and Roosevelt Counties, New Mexico.

Case No. 4381

BEFORE: Daniel S. Nutter, Examiner



TRANSCRIPT OF HEARING

MR. NUTTER: The first case is Case Number 4381.

MR. HATCH: Case 4381; Southeastern New Mexico nomenclature case calling for an order for the creation, extension and contraction of certain pools in Lea, Chaves, Eddy and Roosevelt Counties, New Mexico.

MR. NUTTER: You have one witness?

(Whereupon, OCC's Exhibit 1 marked for identification) MR. HATCH: Yes.

# JAMES E. KAPTEINA,

aing duly sworn according to law, upon his oath, testified as collows:

# DIRECT EXAMINATION

# BY MR. HATCH:

- Would you state your name and position, please?
- James E. Kapteina, Petroleum Engineer for the New Mexico Oil Conservation Commission.
- Are you prepared to make recommendations to the Commission, to the Examiner -- excuse me -- for the creation, extension and contraction of certain pools in Lea, Chaves, Eddy and Roosevelt Counties, New Mexico?
  - And are those recommendations prepared in the form of Yes, sir, I am. Q
  - They are prepared in the form of an exhibit marked an exhibit? Α

Exhibit 1, Case 4381.

- O And would you identify the paragraphs in that, please.
- A Paragraph A through M --
- Q M or N -- it is N, isn't it?
- A N. Yes, sir. Excuse me.
- Would you refer to Exhibit No. 1 and paragraphs A through N and point out any corrections that need to be made?
- A This exhibit differs from the docket in that there are additions to paragraphs E, F, G and paragraph M.
- Q Would you give the additions in each of those paragraphs, please.

A In paragraph E, extend the Vada-Pennsylvanian pool in Lee County, New Mexico to include therein -- and the addition is Township 8 South, Range 35 East, Section 33 Southwest Quarter; Township 9 South, Range 33, Section 23, Southeast Quarter; Township 9 South, Range 35 East, Section 18, Northeast Quarter.

Paragraph F; extend the Blinebry oil pool in Lea

County, New Mexico to include therein -- the addition is

Township 21 South, Range 36 East, Section 24, Northeast Quarter.

Paragraph G; extend the Bluitt-San Andres Associated pool in Roosevelt County, New Mexico to include therein -- the addition is Township 8 South, Range 38 East, Section 18, Northeast Quarter; Township 8 South, Range 37 East, Section 24,

1100

South half.

In paragraph M; extend the West Sawyer-San Andres Pool in Lea County, New Mexico, to include therein -- the addition is Township 9 South, Range 37 East, Section 28, Southeast Quarter.

16.

Q All right, now, do you recommend to the Commissioner then that the pools in paragraphs A through N be created, extended and contracted as shown on the docket as corrected in this hearing?

A I do.

Q And was Exhibit 1 prepared by someone working for the Commission?

A Exhibit 1 was prepared by personnel in the Hobbs office of the Commission.

MR. HATCH: I'd like to introduce Exhibit 1.
That is all.

MR. NUTTER: Exhibit 1 will be admitted in evidence.

Does anyone have any questions of Mr. Kapteina? You may be excused.

Do you have anything further, Mr. Hatch?

Does anyone have anything they wish to offer in Case 4381? If not, we will take the case under advisement and we will call Case Number 4385.

(Whereupon, OCC's Exhibit 1 was admitted into the Record)

STATE OF NEW MEXICO )
) ss
COUNTY OF BERNALILLO)

I, Peter Lumia, Certified Shorthand Reporter, do
hereby certify that the foregoing and attached transcript of
proceedings before the New Mexico Oil Conservation Commission
at Santa Fe, New Mexico, is a true and correct record to the
best of my knowledge, skill and ability.

Certified Shorthand Reporter

I do hereby certify that the forecasting is a complete record of the proceedings of the proceedings of the fraction heaving of them to 438/ no of by see on the first the first of the firs

Hew Maxico Oil Conservation Commission

# BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

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

> CASE No. 4381 Order No. R-3995

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

#### ORDER OF THE COMMISSION

#### BY THE COMMISSION:

This cause came on for hearing at 9:30 a.m. on July 15, 1970, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 20th day of July, 1970, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, 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 the subject matter thereof.
- (2) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Atoka formation, said pool to bear the designation of West Crossroads-Atoka Pool. Said West Crossroads-Atoka Pool was discovered by the Union Oil Company of California Lea "M" State Well No. 1, located in Unit A of Section 6, Township 10 South, Range 36 East, NMPM. It was completed in the Atoka formation on May 1, 1970. The top of the perforations is at 11,132 feet.
- (3) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Devonian formation, said pool to bear the designation of

-2-CASE No. 4381 Order No. R-3995

West Garrett-Devonian Pool. Said West Garrett-Devonian Pool was discovered by the Freeport Oil Company Mattie Price Well No. 1, located in Unit A of Section 6, Township 17 South, Range 38 East, MMPM. It was completed in the Devonian formation on April 18, 1970. The depth to the casing shoe is at 12,683 feet.

- (4) That there is need for the creation of a new oil pool in Chaves County, New Mexico, for the production of oil from the Devonian formation, said pool to bear the designation of Race Track-Devonian Pool. Said Race Track-Devonian Pool was discovered by the Klabsuba, Munson & Seamon White Well No. 1, located in Unit I of Section 13, Township 10 South, Range 27 East, HMPM. It was completed in the Devonian formation on May 1, 1970. The top of the perforations is at 6634 feet.
- (5) That there is need for the contraction of the Bough Permo-Pennsylvanian Pool in Lea County, New Mexico, by the deletion of certain acreage in order that said deleted acreage may be placed in the Vada-Pennsylvanian Pool.
- (6) That there is need for certain extensions to the South Carlsbad-Morrow Gas Pool and the Loco Hills-Queen Pool, both in Eddy County, New Mexico, the Blinebry Oil Pool, the High Plains-Pennsylvanian Pool, the Midway-San Andres Pool, the Quail-Queen Pool, the West Sawyer-San Andres Pool, and the East Weir-Tubb Pool, all in Lea County, New Mexico, the Bluitt-San Andres Associated Pool in Roosevelt County, New Mexico, and the Vada-Pennsylvanian Pool in Lea and Roosevelt Counties, New Mexico.

#### IT IS THEREFORE ORDERED:

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

## TOWNSHIP 10 SOUTH, RANGE 36 EAST, RMPM Section 6: NE/4

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

TOWNSHIP 17 SOUTH, RANGE 38 EAST, NMPM Section 6: NE/4

CASE No. 4381 Order No. R-3995

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

TOWNSHIP 10 SOUTH, RANGE 27 EAST, NMPM Section 13: NE/4 SE/4

(d) That the Bough Permo-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following-described area:

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM Section 18: NE/4

(e) That the Vada-Pennsylvanian Pool in Lea and Roosevelt Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 35 EAST, HMPM Section 33: SW/4

TOWNSHIP 9 SCUTH, RANGE 33 EAST, EMPM Section 23: SE/4

TOWNSHIP 9 SOUTH, RANGE 35 EAST, MNPM Section 18: NE/4

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM Section 18: NE/4

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

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM Section 24: NE/4

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM Section 30: SW/4

(g) That the Bluitt-San Andres Associated Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM Section 24: 5/2

-4-CASE No. 4381 Order No. R-3995

(g) Bluitt-San Andres Associated Pool extension - continued from Page 3 -

TOWNSHIP 8 SOUTH, RANGE 38 EAST, NMPM Section 18: HE/4 Section 20: NW/4

(h) That the South Carlsbad-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined; and described, is hereby extended to include therein:

TOWNSHIP 23 SOUTH, RANGE 27 BAST, HMPM Section 6: E/2 Section 7: N/2

(i) That the High Plains-Pennsylvanian Pool in Lea County, Hew Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM Section 14: SW/4

(j) That the Loco Hills-Queen 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 31: SE/4 ME/4 and ME/4 SE/4

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

TOWNSHIP 17 SOUTH, RANGE 37 BAST, NMPM Section 17: 5/2

(1) That the Quail-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 12: S/2

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM Section 7: SW/4

-5-CASE No. 4381 Order No. R-3995

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

> TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM Section 28: SE/4 Section 34: NW/4

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

> TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM Section 12: NE/4 and N/2 SE/4

#### IT IS FURTHER ORDERED:

- (1) That, pursuant to Section 65-3-14.5, NMSA 1953, contained in Chapter 271, Laws of 1969, any well which, by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one which is presently dedicated thereto, shall have 60 days from the effective date of this order in which to file new Forms C-102 dedicating a standard unit for the pool to said well, or to obtain a non-standard unit approved by the Commission. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Forms C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Commission within said 60-day period shall subject the well to cancellation of allowable.
- (2) That the effective date of this order and all creations, contractions, and extensions included herein shall be August 1, 1970.

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

STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

CARGO. Chadirman

Jr., Member & Secretary

### DOCKET: REGULAR HEARING - WEDNESDAY - JULY 15, 1970

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

ALLOWABLE: Consideration of the allowable production of gas for August, 1970, from thirteen prorated pools in Lea, Eddy, and Roosevelt Counties, New Mexico. Consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico for August, 1970.

THE FOLLOWING CASES WILL BE HEARD BEFORE DANIEL S. NUTTER, EXAMINER, OR ELVIS A. UTZ, ALTERNATE EXAMINER, IN THE OIL CONSERVATION COMMISSION CONFERENCE ROOM ON THE SECOND FLOOR OF SAID BUILDING AT 9:30 A.M.

### CASE 4381:

Southeastern New Mexico nomenclature case calling for an order for the creation, extension, and contraction of certain pools in Lea, Chaves, Eddy and Roosevelt Counties, New Mexico.

(a) Create a new pool in Lea County, New Mexico, classified as an oil pool for Atoka production and designated as the West Crossroads-Atoka Pool. The discovery well is the Union Oil Company of California Lea "M" State Well No. 1 located in Unit A of Section 6, Township 10 South, Range 36 East, NMPM. Said pool would comprise:

# TOWNSHIP 10 SOUTH, RANGE 36 EAST, NMPM SECTION 6: NE/4

(b) Create a new pool in Lea County, New Mexico, classified as an oil pool for Devonian production and designated as the West Garrett-Devonian Pool. The discovery well is the Freeport Oil Company Mattie Price Well No. 1 located in Unit A of Section 6, Township 17 South, Range 38 East, NMPM. Said pool would comprise:

# TOWNSHIP 17 SOUTH, RANGE 38 EAST, NMPM SECTION 6: NE/4

(c) Create a new pool in Chaves County, New Mexico, classified as an oil pool for Devonian production and designated as the Race Track-Devonian Pool. The discovery well is the Klabzuba, Munson, and Seamon White Well No. 1 located in Unit I of Section 13, Township 10 South, Range 27 East, NMPM. Said pool described as:

Wednesday - July 15, 1970 Regular Hearing -2-

Docket No. 17-70

(Case No. 4381 continued)

# TOWNSHIP 10 SOUTH, RANGE 27 EAST, NMPM SECTION 13: NE/4 SE/4

(d) Contract the Bough Permo-Pennsylvanian Pool in Lea County, New Mexico, by the deletion of the following described area:

# TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM SECTION 18: NE/4

(e) Extend the Vada-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

# TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM SECTION 18: NE/4

(f) Extend the Blinebry Oil Pool in Lea County, New Mexico, to include therein:

# TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM SECTION 30: SW/4

(g) Extend the Bluitt-San Andres Associated Pool in Roosevelt County, New Mexico, to include therein:

# TOWNSHIP 8 SOUTH, RANGE 38 EAST, NMPM SECTION 20: NW/4

(h) Extend the South Carlsbad-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

# TOWNSHIP 23 SOUTH, RANGE 27 EAST, NMPM SECTION 6: E/2 SECTION 7: N/2

(i) Extend the High Plains-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM SECTION 14: SW/4

Wednesday - July 15, 1970 Regular Hearing -3Docket No. 17-70

(j) Extend the Loco Hills-Queen Pool in Eddy County, New Mexico, to include therein:

# TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM 31: SE/4 NE/4 and NE/4 SE/4

(k) Extend the Midway-San Andres Pool in Lea County, New Mexico, to include therein:

# TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM

(1) Extend the Quail-Queen Pool in Lez County, New Mexico, to include therein:

# TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM SECTION 12:

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM

(m) Extend the West Sawyer-San Andres Pool in Lea County, New Mexico, to include therein:

# TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM

Extend the East Weir-Tubb Pool in Lea County, New Mexico, to include therein:

# TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM SECTION 12: NE/4 and N/2 SE/4

In the matter of the application of the Oil Conservation Commission upon its own motion for an order for the contraction of the Aztec-CASE 4382: Pictured Cliffs Pool in San Juan County, New Mexico, by the deletion of certain lands in Township 28 North, Ranges 8 and 9 West; Township 29 North, Ranges 8, 9, and 10 West; and Township 30 North, Range 10 West; further, for the extension of the Blanco-Pictured Cliffs Pool and the South Blanco-Pictured Cliffs Pool in San Juan County, New Mexico, to include, among other lands, the lands being delated from the aforesaid Aztec-Pictured Clifs pool; and for the further extension of the Aztec-Pictured Cliffs Pool in San Juan County, New Mexico.

Wednesday - July 15, 1970 Regular Hearing -4-

Docket No. 17-70

- CASE 4383: Application of MWJ Producing Company for an unorthodox oil well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an exception to the rules governing the Baum-Upper Pennsylvanian Pool to permit the drilling of an oil well at an unorthodox location 330 feet from the North line and 2310 feet from the West line of Section 9, Township 14 South, Range 33 East, Lea County, New Mexico.
- CASE 4384: Application of Shell Oil Company for salt water disposal, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the San Andres formation in the perforated interval from 3606 feet to 3680 feet in its Eastland Shell Federal Well No. 1 located in Unit A, Section 35, Township 8 South, Range 30 East, Cato-San Andres Pool Area, Chaves County, New Mexico.
- CASE 4385: Application of King Resources Company for a unit agreement, Otero County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Brokeoff Mountain Unit Area comprising 37,747 acres, more or less, of Federal, State and Fee lands in Townships 24, 25, and 26 South, Ranges 19 and 20 East, Otero County, New Mexico.
- CASE 4386: Application of Texaco Inc. for an exception to Order No. R-3221, as amended, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Order No. R-3221, as amended, which order prohibits the disposal of water produced in conjunction with the production of oil on the surface of the ground in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico. Said exception would be for applicant's wells located on its V. G. Kinahan Federal and Peery Federal leases comprising respectively, Sections 20 and 29 of Township 15 South, Range 30 East, Little Lucky Lake-Devonian Pool, Chaves County, New Mexico. Applicant seeks authority to dispose of produced salt water in an unlined surface pit located in Unit K of said Section 29.
- CASE 4387: Application of Benson-Montin-Greer Drilling Corporation for surface commingling of oil, Rio Arriba County, New Mexico.

  Applicant, in the above-styled cause, seeks authority to commingle the production from its Canada Cjitos Unit Well No.

  13, a non-participating well located in Unit L of Section 27, Township 26 North, Range l West, Rio Arriba County, New Mexico, with oil production from the participating area of said unit.

NEW POOLS

a) It is recommended that a new oil pool be created and designated
as the WEST CROSSROADS-ATOKA Pool.
Vertical limits to be the Atoka formation and in
should be as follows: As shown in Paragraph (a) Pyhibit
Union Oil Company of California Teacher
A Jection 6 Township 10 Range 36 and was completed
Top of perforations is at 11,132 feet.
b) It is recommended that a new <u>oil</u> pool be created and designated
Pool.
Vertical limits to be the <u>Devonian</u> formation and the
As shown in Paragraph (1)
Freeport Oil Company - Mattic Dais
A TOWNShipi7 Range 38 and was completed an
April 18, 1970 . Top of perforations is at 12,683 feet.
c) It is recommended that a new oil pool be created and designated
as the RACE TRACK-DEVONIAN Pool.
Vertical limits to be the Devonian
should be as follows: As shown in Paragraph (a) nitres
Klabzuba, Munson & Seamon - White 41
In onit I Section 13 Township 10 Range27 and was completed on
May 1, 1970 . Top of perforations is at 6634 feet.

CASE 4381: (a) CREATION OF A NEW OIL POOL Pool West Crossroads-Atoka County LEA TOWNSHIP-10 South NMPM Range 36 East - 3 10 8 - 11 -12 - 16 - 15 14 - 18 -- 17 --13--19 20 21-- 22 24-- 23-28 27 30 29 - 26 -25 - 33 -- 35 31-32 -- 34 36 -PURPOSE: One completed oil well capable of producing. UNION OIL COMPANY OF CALIFORNIA - Lea "M" State #1 in Unit A of Section 6-10-36. Completed in Atoka on May 1, 1970. Top of Perforations 11,1321. Proposed pool boundary colored in red. SECTION 6: NE/4

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CASE 4381: (b) CREATION OF A NEW OIL POOL

COUNTY LEA POOL WEST GARRETT-DEVONIAN

TOWNSHIP -	17 South	Range	38 East	NMPM	
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30	29	28	27	26	25
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31	32	33	34-	35	36
31	32		34	33	

PURPOSE: One completed	oil well	capabl	e of	produc	ing.		<del></del> .
FREEPORT OIL COMPANY -	Mattie Pri	ce #1	in Un	it A o	f Section	n 6-17-	38.
Completed in Devonian o	n April 18	<u>, 19<b>7</b>0</u>	. De	pth to	Casing	Shoe 12	,683¹.
Proposed pool boundary	colored in	red.	SECT	ION 6:	NE/4		<u> </u>
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CASE 4381: (c) CREATION OF A NEW OIL POOL

COUNTY	Chaves	POOL		ck-Devonian	
TOWNSHI	P 10s	RANGE	27E	NMPM	
6-	5	4	3	2	1-1-1
					1-1-1-1
					1 1 1 1 1
	8	9 -			
			10-	11-	12
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		+++			
18-	17	16	15-	14	13
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19-	20	21-	22-	23	24
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30 -	29	28	27 –	26	25
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31-	32	33+	34-	35	36
			+-+-		
Purpose	One compl	eted oil w	ell capal	ole of produc	ing.
				amon, White v	
				d in Devoniar	May 1, 1970
cnrougn	perforation	9 0034. CO	0042.		
Proposed	d pool bound	ary colore	d in gree	en.	
				tion 13: NE/4	1 SE/4
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CASE 4381: (d) DELETION OF AN EXISTING OIL POOL
OUDTY LEA POOL BOUGH PERMO-PENNSYLVANIAN

	LEA			ENNSYLVANIAN	
TOWNSHIP	9 South	Range	36 East	NMPM	· .
6	5		3-	2.	1
	8	9 -	10	-11	12
18	<b>—</b> ф	16	15	14	13-
19	20	21	22	23	24
30	29	28	27	26	25
31-	32	33	34	35	36
				the Vada-Penns	ylvanian
Pool boundary	colored in	n red.		omrov 10 vm/	
rroposed pool	<u>eontractio</u>	on colored		CTION 18: NE/	
			<u> </u>		
				· · · · · · · · · · · · · · · · · · ·	
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CASE 4381: (e) EXTENSION OF AN EXISTING OIL POOL (Continued on next County LEA POOL VADA-PENNSYLVANIAN page)

TOWNSHIP	_9 South	Range	36 East	NMPM	- 9
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18		16	15	14	13-
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PURPOSE: To take in deleted acreage from Bough Permo-Pennsylvanian Pool and one completed oil well capable of producing.

ROGER C. HANKS - Ford #1 in Unit B of Section 18-9-36. Completed in Bough C on June 2, 1970. Top of Perforations 9696'.

Pool boundary colored in red.

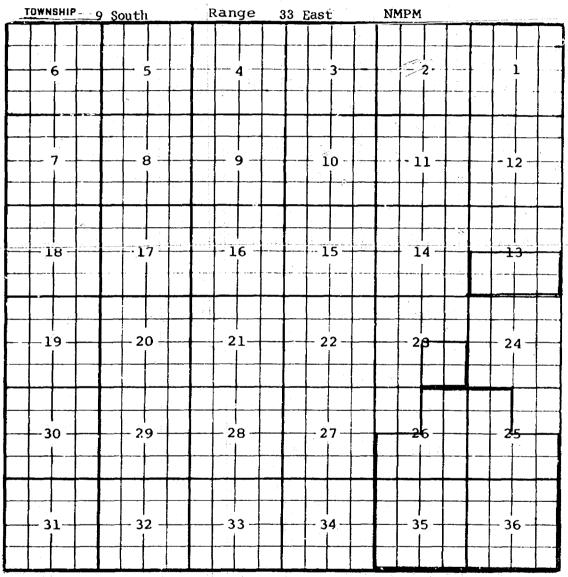
Proposed pool extension colored in green. SECTION 18: NE/4

CASE 4381: (e) EXTENSION OF AN EXISTING OIL POOL (Continued on next County ROOSEVELT Pool VADA-PENNSYLVANIAN page)

TOWNSHIP	8 South	Range 35 East	NMPM	
			Name	
6	5	-4-  <del> </del> 3-		1
	5			
7	8	9 10	-11	-12
				+
		16 15		
1.3	17	16 15	14	13
			+ + + + + + + + + + + + + + + + + + + +	+
				+
19+	20	21 22	23	24
30 +	29	28 - 27	26	25
	1 1			
31	32	33 - 34	35	36
	++++		+	
		MANAGE 1		

PURPOSE: As	sstated	on prece	ding pag	e, par	agraph	(e),	Exhibi	1 I.		
ADDITIONB	ra otl pi	RODUCERS_	- Nilo 7	702 JV-	D #1 in	Unit	N_of	Secti	on 33	l=
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CASE 4381: (e) EXTENSION OF AN EXISTING OIL POOL (Continued on next County LEA POOL VADA-PENNSYLVANIAN page)



PURPOSE: As stated on preceding page, paragraph (e), Exhibit I.

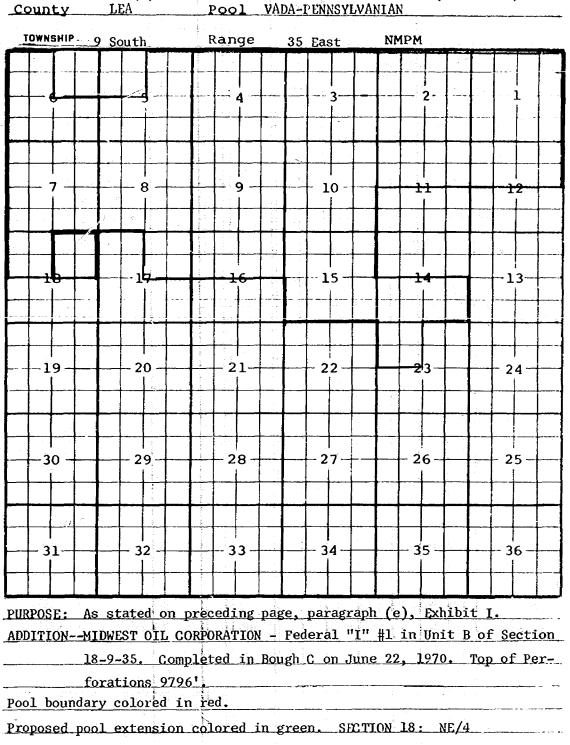
ADDITION--MIDWEST OIL CORPORATION - Ainsworth "C" #1 in Unit 0 of Section

23-9-33. Completed in Pennsylvanian on June 12, 1970. Top of

Perforations 9659'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 23: SE/4



CASE 4381: (f) EXTENSION OF AN EXISTING OIL POOL (Continued on ty LEA POOL BLINEBRY OIL next page) next page) Range **NMPM** 21 South 37 East 10 --12 -15 18 - 16 13-- 20 -22-19 21-23 24 - 28 -- 26 -- 29 27-31-- 33 -34 -35 -36 -PURPOSE: One completed oil well capable of producing. HANSON OIL CORPORATION - Mattern #1 in Unit L of Section 30-21-37. Completed in Blinebry on May 24, 1970. Top of Perforations 5516'. Pool boundary colored in red. Proposed pool extension colored in green. SECTION 30: SW/4

CASE 4381: (f) EXTENSION OF AN EXISTING OIL POOL (Continued)

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PURPOSE: As stated on preceding page, paragraph (f), Exhibit I.  ADDITION-THE FUNDAMENTAL OIL CORPORATION - Gulf Leonard #1 in Un Section 24-21-36. Completed in Blinebry on May 25, 19  of Perforations 5619'.  Pool boundary colored in red.		_	<b></b>	1-1-1-	1-1-1-
PURPOSE: As stated on preceding page, paragraph (f), Exhibit I.  ADDITION-THE FUNDAMENTAL OIL CORPORATION - Gulf Leonard #1 in Un Section 24-21-36. Completed in Blinebry on May 25, 19  of Perforations 5619'.  Pool boundary colored in red.		<del></del>		lacksquare	
PURPOSE: As stated on preceding page, paragraph (f), Exhibit I.  ADDITIONTHE FUNDAMENTAL OIL CORPORATION - Gulf Leonard #1 in Un Section 24-21-36. Completed in Blinebry on May 25, 19  of Perforations 5619'.		1-1-1-1		1 1 1 - 1 - 1	
PURPOSE: As stated on preceding page, paragraph (f), Exhibit I.  ADDITIONTHE FUNDAMENTAL OIL CORPORATION - Gulf Leonard #1 in Un  Section 24-21-36. Completed in Blinebry on May 25, 197  of Perforations 5619'.  Pool boundary colored in red.	20	21-	22	23	2
OURPOSE: As stated on preceding page, paragraph (f), Exhibit I.  ADDITION-THE FUNDAMENTAL OIL CORPORATION - Gulf Leonard #1 in Un  Section 24-21-36. Completed in Blinebry on May 25, 197  of Perforations 5619'.  Pool boundary colored in red.				1-1-1-	
OURPOSE: As stated on preceding page, paragraph (f), Exhibit I.  ADDITION-THE FUNDAMENTAL OIL CORPORATION - Gulf Leonard #1 in Un  Section 24-21-36. Completed in Blinebry on May 25, 197  of Perforations 5619'.  Pool boundary colored in red.		4-4-4-		╂╌┼╌┼╌	┨╌┼╌┞╼┾╼┥
PURPOSE: As stated on preceding page, paragraph (f), Exhibit I.  ADDITIONTHE FUNDAMENTAL OIL CORPORATION - Gulf Leonard #1 in Un  Section 24-21-36. Completed in Blinebry on May 25, 197  of Perforations 5619'.  Pool boundary colored in red.				1-1-1-	
PURPOSE: As stated on preceding page, paragraph (f), Exhibit I.  ADDITIONTHE FUNDAMENTAL OIL CORPORATION - Gulf Leonard #1 in Un  Section 24-21-36. Completed in Blinebry on May 25, 197  of Perforations 5619'.  Pool boundary colored in red.	29	28	27	26	25
PURPOSE: As stated on preceding page, paragraph (f), Exhibit I.  ADDITIONTHE FUNDAMENTAL OIL CORPORATION - Gulf Leonard #1 in Un  Section 24-21-36. Completed in Blinebry on May 25, 197  of Perforations 5619'.  Pool boundary colored in red.				1 - 1 - 1 - 1	<b> </b>
PURPOSE: As stated on preceding page, paragraph (f), Exhibit I.  ADDITIONTHE FUNDAMENTAL OIL CORPORATION - Gulf Leonard #1 in Un  Section 24-21-36. Completed in Blinebry on May 25, 197  of Perforations 5619'.  Pool boundary colored in red.				+++-	$\blacksquare$
PURPOSE: As stated on preceding page, paragraph (f), Exhibit I.  ADDITIONTHE FUNDAMENTAL OIL CORPORATION - Gulf Leonard #1 in Un  Section 24-21-36. Completed in Blinebry on May 25, 197  of Perforations 5619'.  Pool boundary colored in red.		<del></del>		+++-	<b></b>
ADDITIONTHE FUNDAMENTAL OIL CORPORATION - Gulf Leonard #1 in Un Section 24-21-36. Completed in Blinebry on May 25, 197 of Perforations 5619'.	32	33	34	35	36
ADDITIONTHE FUNDAMENTAL OIL CORPORATION - Gulf Leonard #1 in Un Section 24-21-36. Completed in Blinebry on May 25, 197 of Perforations 5619'.				+++-	
ADDITIONTHE FUNDAMENTAL OIL CORPORATION - Gulf Leonard #1 in Un Section 24-21-36. Completed in Blinebry on May 25, 197 of Perforations 5619'.					
Pool boundary colored in red.	E_fundAmentAction 24-21-	TAL OIL CORPOR L-36. Complet	RATION - Gul ced in Bline	f Leonard #1 bry on May 25	in Unit H of 5, 1970. Top
Toposed pool extension colored in green. Station 24: NE/4					 1
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CASE 4381: (g) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

County ROOSEVELT POOL BLUITT-SAN ANDRES ASSOCIATED

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PURPOSE: One completed oil well capable of producing.

TENNECO OIL COMPANY - Fasken Federal #1 in Unit C of Section 20-8-38.

Completed in San Andres on May 11, 1970. Top of Perforations 4757'.

ADDITION--UNION OIL COMPANY OF CALIFORNIA - Federal M18" #2 in Unit P of Section 18-8-38. Completed in San Andres on August 20, 1969.

Top of Perforations 4718'. (This well is already in the pool, but part of the dedicated acreage is not.)

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 20: NW/4

ADDITION-----SECTION 18: NE/4

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CASE 4381: (h) EXTENSION OF AN EXISTING GAS POOL

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CASE 4381: (i) EXTENSION OF AN EXISTING OIL POOL

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CASE 4381: (j) EXTENSION OF AN EXISTING OIL POOL Loco Hills-Queen Eddy COUNTY NMPM 30E RANGE 17S TOWNSHIP - 12 11 10 -·13· 14 - 15: 16 18 24 23 22 21-20 -19 25 26 27 28 -30 33 31 Purpose: One completed oil well capable of producing. Newmont Oil Co. Brigham well No.5 in unit I of Section 31-17-30. Completed in Queen May 2, 1970, through perforations 2572' to 2599'. Pool boundary colored in red. Proposed extension colored in green. Section 31: SE/4 NE/4 & NE/4 SE/4

CASE 4381: (k) EXTENSION OF AN EXISTING OIL POOL

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CASE 4381: (1) EXTENSION OF AN EXISTING OIL POOL (Continued on next POOL QUAIL-QUEEN page)

TOWNSHIP	19 South	Range 34	East	NMPM	
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PURPOSE: One completed oil well capable of producing.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 12: S/2

CASE 4381: (1) EXTENSION OF AN EXISTING OIL POOL (Continued)

County LEA POOL QUAIL-QUEEN

	TOWNSHIP 19 South								Range 35 Fast								NMPM							
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PURPOSE: As stated on preceding page, paragraph (1), Exhibit I.

CHARLES B. READ - Hooper "B" #1 in Unit M of Section 7-19-35. Completed in Penrose on May 22, 1970. Top of Perforations 5018'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 7: SW/4

TOWNSHIP 9	South	Range 37	East	NMPM	
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18	-17-	16	15	14	13
18					
19	- 20	21	22	23	24
30	29	28	27	26	25
31-	32	33	34	35	36

PURPOSE: One completed oil well capable of producing.

OIL DEVELOPMENT COMPANY OF TEXAS - SFPRR #2 in Unit D of Section 34-9-37.

Completed in San Andres on May 2, 1970. Top of Perforations 4960'.

ADDITION--OIL DEVELOPMENT COMPANY OF TEXAS - SFPRR #3 in Unit P of Section 28-9-37. Completed in San Andres on June 18, 1970. Top of Perforations 4933'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 34: NW/4

ADDITION----SECTION 28: SE/4

CASE 4381: (n) EXTENSION OF AN EXISTING OIL POOL COUNTY LEA POOL EAST WEIR-TUBB

TOWNSHIP	20 South	Range	37 East	NMPM	
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# NOMENCLATURE ADVERTISEMENT FOR JULY, 1970 CASE 428/

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 and Lea Counties, New Mexico, the contraction of an existing profilin Lea County, New Mexico, and the extension of certain existing pools in Edv, 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, contractions, and extensions should not be made.

a) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Atoka production and designated as the West Crossroads-Atoka Pool. The discovery well is Union Oil Company of California, Lea "M" State No. 1 located in Unit A of Section 6, Township 10 South, Range 36 East, NMPM. Said pool described as: UFreld Compilere:

# TOWNSHIP 10 SOUTH, RANGE 36 EAST, NMPM SECTION 6: NE/4

b) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Devonian production and designated as the West Garrett-Devonian Pool. The discovery well is Freeport Oil Company, Mattie Price No. I located in Unit A of Section 6, Township 17 South, Range 38 East, NMPM. Said pool described as would Company.

TOWNSHIP 17 SOUTH, RANGE 38 EAST, NMPM SECTION 6: NE/4

c) CREATE A new pool in Chaves County, New Mexico, classified as an oil pool for Devonian production and designated as the Race Track-Devonian Pool. The discovery well is Klabzuba, Munson, and Seamon, White No. 1 located in Unit I of Section 13, Township 10 South, Range 27 East, NMPM. Said pool described as:

# TOWNSHIP 10 SOUTH, RANGE 27 EAST, NMPM SECTION 13: NE/4 SE/4

d) CONTRACT the Bough Permo-Pennsylvanian Pool in Lea County, New Mexico, by the deletion of the following described area:

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM SECTION 18: NE/4

EXTEND the Blinebry Oil Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM SECTION 30: SW/4

EXTEND the Bluitt-San Andres Associated Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 38 EAST, NMPM SECTION 20: NW/4

SECTION 12: NE/4 and N/2 SE/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 NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

CASE NO. 4381 ORDER NO. R-3995

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

### ORDER OF THE COMMISSION

#### BY THE COMMISSION:

This cause came on for hearing at 9:00 a.m. on July 15, 1970, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this day of July, 1970, 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 the subject matter thereof.
- √(2) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Atoka formation, said pool to bear the designation of West Crossroads-Atoka Pool. Said West Crossroads-Atoka Pool was discovered by the Union Oil Company of California Lea "M" State Well No. 1, located in Unit A of Section 6 Township 10 South, Range 36 East, NMPM. It was completed in the Atoka formation on May 1, 1970. The top of the perforations is at 11,132 feet.
- "(3) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Devonian formation, said pool to bear the designation of West Garrett-Devonian Pool. Said West Garrett-Devonian Pool was discovered by the Freeport Oil Company Mattie Price Well No. 1, located in Unit A of Section 6, Township 17 South, Range 38 East, NMPM. It was completed in the Devonian formation on April 18, 1970. The depth to the casing shoe is at 12,683 feet.
- (4) That there is need for the creation of a new oil pool in Chaves County, New Mexico, for the production of oil from the Devonian formation, said pool to bear the designation of Race Track-Devonian Pool. Said Race Track-Devonian Pool was discovered by the Klabzuba, Munson & Seamon White Well No. 1, located in Unit I of Section 13, Township 10 South, Range 27 East, NMPM. It was completed in the Devonian formation on May 1, 1970. The top of the perforations is at 6634 feet.
- (5) That there is need for the contraction of the Bough Permo-Pennsylvanian Pool in Lea County, New Mexico, by the deletion of certain acreage in order that said deleted acreage may be placed in the Vada-Pennsylvanian Pool.
- (6) That there is need for certain extensions to the South Carlsbad Morrow Gas Pool and the Loco Hills Queen Pool, both in Eddy County, New Mexico, the Blinebry Oil Pool, the High Plains Pennsylvanian Pool, the Midway San Andres Pool, the Quail Queen Pool, the West Sawyer-San Andres Pool, and the East Weir-Tubb Pool, all in Lea County, New Mexico, the Bluitt-San Andres Associated Pool in Roosevelt County, New Mexico, and the Vada Pennsylvanian Pool in Lea and Roosevelt Counties, New Mexico.

### IT IS THEREFORE ORDERED:

(a) That a new pool in Lea County, New Mexico, classified as an oil

pool for Atoka production, is hereby created and designated as the West Crossroads-Atoka Pool, consisting of the following described area:

### TOWNSHIP 10 SOUTH, RANGE 36 EAST, NMPM SECTION 6: NE/4

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

### TOWNSHIP 17 SOUTH, RANGE 38 EAST, NMPM SECTION 6: NE/4

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

## TOWNSHIP 10 SOUTH, RANGE 27 EAST, NMPM SECTION 13: NE/4 SE/4

(d) That the Bough Permo-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the celetion of the following described area:

### TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM SECTION 18: NE/4

(e) That the Vada-Pennsylvanian Pool in Lea and Roosevelt Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

- TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM SECTION 33: SW/4
- TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM SECTION 23: SE/4
- TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM SECTION 18: NE/4
- TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM SECTION 18: NE/4
- (f) That the Blinebry Oil Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:
  - TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM SECTION 24: NE/4
  - TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM SECTION 30: SW/4
- (g) That the Bluitt-San Andres Associated Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:
  - TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM SECTION 24: S/2
  - TOWNSHIP 8 SOUTH, RANGE 38 EAST, NMPM SECTION 18: NE/4
    SECTION 20: NW/4
- (h) That the South Carlsbad-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 SOUTH, RANGE 27 EAST, NMPM SECTION 6: E/2
SECTION 7: N/2

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

### TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM SECTION 14: SW/4

(j) That the Loco Hills-Queen Pool in Eddy County, New Mexico, as here-tofore classified, defined, and described, is hereby extended to include therein:

# TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM SECTION 31: SE/4 NE/4 and NE/4 SE/4

(k) That the Midway-San Andres Pool in Lea County, New Mexico, as here-tofore classified, defined, and described, is hereby extended to include therein:

# TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM SECTION 17: S/2

(1) That the Quail-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 12: S/2

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM SECTION 7: SW/4

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

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM SECTION 28: SE/4 SECTION 34: NW/4

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

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM SECTION 12: NE/4 and N/2 SE/4

### IT IS FURTHER ORDERED:

- (1) That, pursuant to Section 65-3-14.5, NMSA 1953, contained in Chapter 271, Laws of 1969, any well which, by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one which is presently dedicated thereto, shall have 60 days from the effective date of this order in which to file new Forms C-102 dedicating a standard unit for the pool to said well, or to obtain a non-standard unit approved by the Commission. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Forms C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Commission within said 60-day period shall subject the well to cancellation of allowable.
- (2) That the effective date of this order and all creations, contractions, and extensions included herein shall be August 1, 1970.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

ALEX ARMIJO, Member

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