

LASE 110. 5788 Application, Transcripts, 5 mall EXhibts

NOMENCLATURE ADVERTISEMENT FOR OCTOBER, 1976 CASE NO. <u>S784</u>

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, Lea and Roosevelt Counties, New Mexico, the abolishment of certain existing pools in Eddy and Lea Counties, New Mexico, the contraction of the vertical limits of an existing pool in Lea County, New Mexico, and the extension of the vertical and horizontal limits of certain existing pools in Eddy, Lea and Roosevelt Counties, New Mexico, and giving notice to all persons and parties interested in the subject New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations, abolishments, contractions, and extensions should not be made.

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(a) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Angell Ranch-Morrow Gas Pool. The discovery well is Penroc Oil Corporation Wright Federal Well No. 1 located in Unit 0 of Section 6, Township 20 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM Section 6: All

(b) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production and designated as the West Burton Flat-Strawn Gas Pool. The discovery well is David Fasken El Paso Federal Well No. 3 located in Unit H of Section 1, Township 21 South, Range 26 East, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM Section 1: Lots 1 through 8

(c) CREATE a new pool in Roosevelt County, New Mexico, classified as a gas pool for Canyon production and designated as the North Chaveroo-Canyon Gas Pool. The discovery well is Union Oil Company of California Roberts Well No. 1 located in Unit D of Section 9, Township 7 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 7 SOUTH, RANGE 33 EAST, NMPM Section 9: W/2

(d) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Foster Ranch-Morrow Gas Pool. The discovery well is Mark Production Company Foster Well No. 1 located in Unit J of Section 21, Township 20 South, Range 24 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 24 EAST, NMPM Section 21: E/2

(e) CREATE a new poor in Lea County, New Mexico, classified as an oil pool for Cisco production and designated as the East Kemn Nz-Cisco Pool. The discovery well is Phillips-Petroleum Company Michel Werl No. 1 Jocated in Unit C of Section 73, is Phillips-Petroleum Company Michel Werl No. 1 Jocated in Unit C of Section 73, Iownship 16 South, Range 33 East, NMPM. Said pool would comprise:

(e) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Cherry Canyon production and designated as the Nash Draw Cherry-Canyon Pool. The discovery well is Mesa Petroleum Company Nash Unit Well No. 4 located in Unit A of Section 13, Township 23 South, Range 29 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 29 EAST, NMPM Section 13: NE/4 Nomenclature Advertisement October, 1976

-2-

(+) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Strawn production and designated as the Ojo Chiso-Strawn Gas Pool. The discovery well is American Quasar Petroleum Company of New Mexico Ojo Chiso Unit Well No. 1 located in Unit E of Section 23, Township 22 South, Range 34 East, NMPM. Said

TOWNSHIP 22 SOUTH, RANGE 34 EAST, NMPM Section 23: W/2

(4) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Cisco production and designated as the North Vacuum-Cisco Gas Pool. The discovery well is Marathon Oil Company State Section 7 Com Well No. 1 located in Unit G of Section 7, Township 17 South, Range 35 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM Section 7: E/2

(i)

-ABOLISH-THE-Kemmitz-Pennsylvanian-Pool-in-Lea-County; New Mexico, described TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM-Section 13: SE/4-

-ABOLISH the East Shugart-Queen Pool in Lea County, New Mexico, described as:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM Section 6: NE/4

(k) ABOLISH the Watkins-Seven Rivers Pool in Eddy and Lea Counties, New Mexico, TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM

Section 36: E/2

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM Section 31: All

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM Section 6: N/2

FRAGT the vertical limits of the Sombrero-Pennsylvanian Gas Rool in Lea Mexico, to include Atoka formation only; and redesignatesaid poel as Sombactor Atoka Gas Pool

EXTEND the vertical limits of the Watkins and Durg Pool in Lea County Now Mexico to include the rates. Seven Rivers, and Queun formations, and redestinate spid pool as=Watkins-Yates, Seven-Rivers, Queen, GruyDurg=Rool.

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TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM Section 18: SE/4 (h) CONTRACT the vertical limits timits of the Kemmitz-Pennsylvanian Poal in Lea County, hew Mexico, to the att lisco formation only, redesignating said pool the Kemmitz-Cisco Pool and extending redefining said pool 1

Township 16 South, Range 33 East NMPM Section 13: N/2 and SE/4

(i) CONTRACT the vertical limits of the Sombrero-Pennsylvanian gas Poal in Lea Caunto, New Mexico, to the Atoka formation only, redesignating Said poal the Sambrero-Atoka gas Poal and redefining said part Township 16 South, Range 33 East WMPM Section 12: W/2 -(1) EXTEND the vertical limits of the watkins thrayburg Pool in Ran County hew mexico, to include the oferes, Sevenkieere and Queen formations, redesignating said pool the watkins yers - Awen Rivers Queen braybury Pool and redefining said pool to comprise: <u>Torouship 18 South</u>, Range 31 East, NMPM Seation 31: NWH and Sp Townedie 16 South Pause 32 Sast DMPM Tennetip 19 South, Range 32 East, NMPM Section 6: N/2

Nomenclature Advertisement-October, 1976

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 (\mathbf{x}) EXTEND the Red Lake-Queen, Grayburg, San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM Section 13: SE/4 SE/4 Section 24: NE/4

(g) EXTEND the Sawyer-San Andres Gas Pool in Lea County, New Mexico, to include therein: <u>TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM</u> Section 13: SW/4

(**A**) EXTEND the Shugart Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM Section 26: NW/4 Section 27: NE/4

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<u>Social 12: 5/2</u>

(a) EXTEND the Vacuum-Queen Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM Section 2: SW/4 Section 3: SE/4

COUNTY Eddy POOL Angell Ranch-Morrow Gas TOWNSHIP 28E 205 RANGE NMPM 5 2-6 4 3 7. 8 -9.-10-· 11 · 12 1 1 18 17 -16 15 14 -13-E 20 19 21 22-· 23-24ł. - 25 --30 -29. 28. 27-- 26 -1 32 33 34-35 31--36 Purpose: Two completed gas wells capable of producing. . Disc. well: Penroc Oil Corp.; Wright Federal #1-0 6-20-28 Comp. 8-26-75 through Morrow perfs from 10828-894. Proposed pool boundary outlined in blue. Section 6: All

CASE NO. 5788 (a) CREATION OF A NEW GAS POOL

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CASE NO. 5738 (d) CREATION OF A NEW GAS POOL

CASE UD. 5768 (e) CREATION OF A NEW OIL POOL

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CASE NO. 5788 (f)

CREATION OF A NEW GAS POOL

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CASE NO. 5788 (j) ABOLISHMENT OF AN EXISTING OIL POOL

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CASE NO. 5733 (n) EXTENSION OF AN EXISTING GAS POOL



TOP 11028'

CASE HO. 5793 (o) EXTENSION OF AN EXISTING GAS POOL COUNTY Eddy POOL North Burton Flats-Wolfcamp Gas 20S-TOWNSHIP RANCE 28E NMPM 6 5 2-7 8 -12 1 18 17 14 13 1 1 23 24 29 26 Ð - 27 25 ,≁ 32 . 31-33-34-35 36 Purpose: Two completed gas wells capable of producing. Operator Lease #&Ut. S.T.R. Comp. Form. Cities Service Government AB 3-K 10-20-28 6-29-76 Wolfcamp State CT Com 1-I 16-20-28 5-16-76 Pool boundary outlined in red. Proposed extension outlined in blue. Section 10: W/2 Section 15: W/2 Section 16: E/2

TOP 9096'

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CASE NO. 5788 (p) EXTENSION OF AN EXISTING CAS POOL

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CASE NO. 5788 (9) EXTENSION OF AN EXISTING OIL POOL

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7632'



CASE HO. 5788 (r) EXTERSION OF AN EXISTING OIL POOL

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CASE NO. 5783 (s) EXTENSION OF AN EXISTING OIL POOL

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CASE NO. 5788 (t) EXTENSION OF AN EXISTING GAS POOL

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Proposed pool extension outlined in green. SECTION 13: SW/4

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BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico October 13, 1976 EXAMINER HEARING 5 IN THE MATTER OF: 6 Southeastern New Mexico nomenclature CASE 7 case calling for the creation, contrac-5788 -) tion, extension and abolishment of 8 certain pools in Lea, Eddy and Roosevelt Counties, New Mexico. 9 General Court Reporting Service 825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501 Phone (505) 982-9212 service 10 BEFORE: Richard L. Stamets, Examiner 11 morrish reporting 12 TRANSCRIPT OF HEARING 13 APPEARANCES 14 Lynn Teschendorf For the New Mexico Oil 15 Law Clerk for the Commission sid Conservation Commission: State Land Office Building 16 Santa Fe, New Mexico 17 18 19 20 21 22 23 24 25

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MR. STAMETS: We will call at this time Case 5788. MS. TESCHENDORF: Case 5788, Southeastern New Mexico 2 3 nomenclature case calling for the creation, contraction, extension and abolishment of certain pools in Lea, Eddy and 4 5 Roosevelt Counties, New Mexico. 6 MR. STAMETS: Call for appearances in this case. MR. ULVOG: Carl Ulvog, Senior Geologist for the 7 Oil Conservation Commission located here in Santa Fe. 8 MR. STAMETS: The record will reflect that Mr. Ulvog 9 87501 has previously been sworn and is still sworn in this case. 10 11 CARL ULVOG 12 called as a witness, having been previously sworn, was 13 examined and testified as follows: 14 15 DIRECT EXAMINATION 16 BY MR. STAMETS: 17 Mr. Ulvog, are part of your duties with the Oil 18 Q. Conservation Commission to present proposals for 19 creations and extensions of pools within the State of 20 New Mexico? 21 That is correct and I also would add abolishments. 22 A. 23 Q. Thank you. Would you please proceed with your testimony in this case? 24

A. Yes, sir. We have here a proposal for creations,

sid morrish reporting service General Courr Reporting Service 825 Calle Mejia, No. 122, Santa Fe, New Mexico 8

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abolishments, extensions and contractions of pools as listed 1 by the docket and as previously advertised. We have an exhibit which describes the proposed 3 actions which consists of plats identified in accordance with 4 the paragraphs shown on the docket, letters (a) through 5 (z) and (aa). There is only one exception to what is proposed by 7 the docket and what was proposed in the advertisement and what 8 we are proposing today and that is in the case of paragraph (h) 9 reporting service where we are proposing to eliminate that paragraph from our 10 recommendation, which is: Contract the vertical limits of 11 the Kemnitz-Pennsylvanian Pool in Lea County, New Mexico to 12 the Cisco formation only, redesignating said pool the 13 morrish Kemnitz-Cisco Pool and redefining said pool to comprise, and 14 sid so on. 15 We are proposing the elimination of that paragraph 16 due to a typographical error which occurred in both the 17 advertisement and the docket. It will be readvertised. 18 MR. STAMETS: Let's go off the record a second. 19 (THEREUPON, a discussion was held 20 21 off the record.) So we are also proposing to eliminate paragraph (v) 22 A. which is: Extend the Maljamar-Pennsylvanian Pool in Lea 23 County, New Mexico to include, and so on. 24 25 Otherwise there are no changes.

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	5 - 1 - - 5 -	1	Q. (Mr. Stamets continuing.) For purposes of the
	n din Santa A	2	record then, you have an exhibit which you have identified
	· · · · · · · · · · · · · · · · · · ·	3	as Exhibit A which sets forth the creations, extensions,
	·····	4	contractions and abolishments and this exhibit is in the form
		5	or sets out the same acreage as shown on the docket of this
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		6	case, with two exceptions that you have noted, paragraphs (h)
jung j	e a construction de la construcción de la construcción de la construcción de la construcción de la construcción National de la construcción de la construcción de la construcción de la construcción de la construcción de la co National de la construcción de la construcción de la construcción de la construcción de la construcción de la c	7	and (v)?
2		8	A. That is correct.
	87501	9	Q. And you wish to submit that exhibit?
- 1 	exico a	10	A. That's right.
	Service New Me	11	MR. STAMETS: It will be admitted into the record.
i	Orting porting 14 Fe. 982-92	12	(THEREUPON, Oil Conservation Commission
in the second second second second second second second second second second second second second second second	16P	13	Exhibit A was admitted into evidence.)
	morrish <i>General Co</i> [ø]ia, No. 1, Phone	14	MR. STAMETS: Are there any questions of the
rini	I mo Ger Mejia	15	witness? He may be excused.
	sic 825 Call	16	(THEREUPON, the witness was excused.)
	60		
		17	MR. STAMETS: Is there anything further in this
		18	case? The case will be taken under advisement and the hearing
	2* 	19	is adjourned.
1		20	(THEREUPON, the hearing was adjourned.)
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REPORTER'S CERTIFICATE I, SIDNEY F. MORRISH, a Certified Shorthand Reporter, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me, and the same is a true and correct record of the said proceedings to the best of my knowledge, skill and ability. General Court Reporting Service 825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501 Phone (505) 982-9212 Sidney F. Morrish, C.S I do hereby certity that the foregoing in a complete record of the proceedings in the Examiner hearing of Case No. 5765 ner on hear New Mexico 011 Conservation Commission

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sid morrish reporting service

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. 5788 Order No. R-5309

THE APPLICATION OF THE OIL CONSERVATION COMMISSION UPON ITS CWN MOTION FOR AN ORDER CREATING, ABOLISHING, CONTRACTING VERTICAL LIMITS, AND EXTENDING VERTICAL AND HORIZONTAL LIMITS OF CERTAIN POOLS IN 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 October 13, 1976, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 27th day of <u>October</u>, 1976, 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 gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Angell Ranch-Morrow Gas Pool. Said Angell Ranch-Morrow Gas Pool was discovered by Penroc Oil Corporation Wright Federal Well No. 1, located in Unit O of Section 6, Township 20 South, Range 28 East, NMPM. It was completed in the Morrow formation on August 26, 1975. The top of the perforations is at 10,828 feet.

(3) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Strawn formation, said pool to bear the designation of West Burton Flat-Strawn Gas Pool. Said West Burton Flat-Strawn Gas Pool was discovered by David Fasken El Paso Federal Well No. 3, located in Unit H of Section 1, Township 21 South, Range 26 East, NMPM. It was completed in the Strawn formation on July 15, 1976. The top of the perforations is at 9,971 feet. -2-Case No. 5788 Order No. R-5309

(4) That there is need for the creation of a new gas pool in Roosevelt County, New Mexico, for the production of gas from the Canyon formation, said pool to bear the designation of North Chaveroo-Canyon Gas Pool. Said North Chaveroo-Canyon Gas Pool was discovered by Union Oil Company of California Roberts Well No. 1, located in Unit D of Section 9, Township 7 South, Range 33 East, NMPM. It was completed in the Canyon formation on June 2, 1976. The top of the perforations is at 8,903 feet.

(5) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Foster Ranch-Morrow Gas Pool. Said Foster Ranch-Morrow Gas Pool was discovered by Mark Production Company Foster Well No. 1, located in Unit J of Section 21, Township 20 South, Rang. 24 East, NMPM. It was completed in the Morrow formation on May 13, 1975. The top of the perforations is at 8,875 feet.

(6) That there is need for the creation of a new oil pool in Eddy County, New Mexico, for the production of oil from the Cherry Canyon formation, said pool to bear the designation of Nash Draw-Cherry Canyon Pool. Said Nash Draw-Cherry Canyon Pool was discovered by Mesa Petroleum Company Nash Unit Well No. 4, located in Unit A of Section 13, Township 23 South, Range 29 East, NMPM. It was completed in the Cherry Canyon formation on June 2, 1976. The top of the perforations is at 4,785 feet.

(7) That there is need for the creation of a new gas pool in Lea County, New Mexico, for the production of gas from the Strawn formation, said pool to bear the designation of Ojo Chiso-Strawn Gas Pool. Said Ojo Chiso-Strawn Gas Pool was discovered by American Quasar Petroleum Company of New Mexico Ojo Chiso Unit Well No. 1, located in Unit E of Section 23, Township 22 South, Range 34 East. It was completed in the Strawn formation on June 27, 1976. The top of the perforations is at 11,727 feet.

(8) That the proposed creation of a new gas pool in Lea County, New Mexico, for the production of gas from the Cisco formation, said pool to bear the designation of North Vacuum-Cisco Gas Pool, should be dismissed pending further study.

(9) That the proposed contraction of the vertical limits of the Kemnitz-Pennsylvanian Pool in Lea County, New Mexico, to the Cisco formation only, should be dismissed due to an error in advertising.

(10) That there is need for the contraction of the vertical limits of the Sombrero-Pennsylvanian Gas Pool in Lea County, New Mexico, to include only the Atoka formation, redesignating said Sombrero-Pennsylvanian Gas Pool as the Sombrero-Atoka Gas Pool, and redefining the horizontal limits of said pool to include Great Western Drilling Company State "13" Well No. 1, located in Unit P -3-Case No. 5788 Order No. R-5309

of Section 13, Township 16 South, Range 33 East, NMPM. It was completed in the Atoka formation on November 12, 1975. The top of the perforations is at 12,660 feet.

(11) That there is need for the abolishment of the East Shugart-Queen Pool in Lea County, New Mexico, acreage will be included in the Watkins Yates - Seven Rivers-Queen-Grayburg Pool.

(12) That there is need for the abolishment of the Watkins-Seven Rivers Pool in Eddy and Lea Counties, New Mexico, acreage in Eddy County, New Mexico will be included in the Shugart Yates-Seven Rivers-Queen-Grayburg Pool, and the acreage in Lea County, New Mexico will be included in the Watkins Yates-Seven Rivers-Queen-Grayburg Pool.

(13) That there is need for the extension of the vertical limits of the Watkins-Grayburg Pool in Lea County, New Mexico, to include the Yates, Seven Rivers and Queen formations, redesignating said pool the Watkins Yates-Seven Rivers-Queen-Grayburg Fool and redefining the horizontal limits of said pool.

(14) That there is need for certain extensions to the Burton Flat-Morrow Gas Pool, the North Burton Flat-Wolfcamp Gas Pool, the South Carlsbad-Morrow Gas Pool, the North Dagger Draw-Upper Pennsylvanian Pool, the Dayton-San Andres Pool, the East Empire Yates-Seven Rivers Pool, the Hoag Tank-Morrow Gas Pool, the Red Lake Queen-Grayburg-San Andres Pool, and the Shugart Yates-Seven Rivers-Queen-Grayburg Pool, all in Eddy County, New Mexico, the Blinebry Oil and Gas Pool, the Middle Lynch Yates-Seven Rivers Pool, the Sawyer-San Andres Gas Pool, and the Vacuum-Queen Gas Pool, all in Lea County, New Mexico, and the Peterson-Pennsylvanian Associated Pool in Roosevelt County, New Mexico.

(15) That the proposed extension to the Maljamar-Pennsylvanian Pool in Lea County, New Mexico, should be dismissed due to previous action by Oil Conservation Commission Order No. R-5296.

IT IS THEREFORE ORDERED:

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

> TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM Section 6: All

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

> TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM Section 1: Lots 1 through 8

-4-Case No. 5788 Order No. R-5309

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

TOWNSHIP 7 SOUTH, RANGE 33 EAST, NMPM Section 9: W/2

(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 Foster Ranch-Morrow Gas Pocl, consisting of the following described area:

> TOWNSHIP 20 SOUTH, RANGE 24 EAST, NMPM Section 21: E/2

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

> TOWNSHIP 23 SOUTH, RANGE 29 EAST, NMPM Section 13: NE/4

(f) That a new pool in Lea County, New Mexico, classified as a gas pool for Strawn production, is hereby created and designated as the Ojo Chiso-Strawn Gas Pool, consisting of the following described area:

> TOWNSHIP 22 SOUTH, RANGE 34 EAST, NMPM Section 23: W/2

(g) That the proposed creation of a new gas pool in Lea County, New Mexico, for Cisco production is hereby dismissed.

(h) That the proposed contraction of the vertical limits of the Kemnitz-Pennsylvanian Pool in Lea County, New Mexico, is hereby dismissed.

(i) That the vertical limits of the Sombrero-Pennsylvanian Gas Pool in Lea County, New Mexico, are hereby contracted to include only the Atoka formation and said Sombrero-Pennsylvanian Gas Pool is hereby redesignated the Sombrero-Atoka Gas Pool, consisting of the following described area:

> TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM Section 12: W/2 Section 13: W/2 and SE/4

(j) That the East Shugart-Queen Pool in Lea County, New Mexico, consisting of the following described area:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM Section 6: NE/4 -5-Case No. 5788 Order No. R-5309

is hereby abolished.

(k) That the Watkins-Seven Rivers Pool in Eddy and Lea Counties, New Mexico, consisting of the following described area:

> TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM Section 36: E/2

> TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM Section 31: All

> TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM Section 6: N/2

is hereby abolished ...

(1) That the vertical limits of the Watkins-Grayburg Pool in Lea County, New Mexico, are hereby extended to include the Yates, Seven Rivers, and Queen formations and said Watkins-Grayburg Pool is redesignated the Watkins Yates-Seven Rivers-Queen-Grayburg Pool, consisting of the following described area:

> TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM Section 31: NW/4 and 5/2

> TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM Section 6: N/2

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

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM Section 21: S/2 SE/4 Section 28: N/2 NE/4 and NE/4 NW/4

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM Section 18: SE/4

(n) That the Burton Flat-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM Section 1: S/2

(o) That the North Burton Flats-Wolfcamp Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIE			RANGE	28	EAST,	NMPM
Section	10:	11/2				
Section	15:	W/2	1			
Section	16:	E/2				

Case No. 5788 Order No. R-5309

(p) 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 22 SOUTH, RANGE 27 EAST, NMPM Section 20: E/2

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM Section 3: W/2

(g) That the North Dagger Draw-Upper Pennsylvanian Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM Section 30: SE/4

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

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM Section 26: SW/4 and E/2 NW/4

(s) That the East Empire Yates-Seven Rivers 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 27: NE/4 and N/2 NW/4 Section 28: SE/4 NE/4

(t) That the Hoag Tank-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 24 EAST, NMPM Section 23: All

(u) That the Middle Lynch Yates-Seven Rivers Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM Section 28: N/2 N/2

(v) That the proposed extension to the Maljamar-Pennsylvanian Pool in Lea County, New Mexico, is hereby dismissed.

(w) That the Peterson-Pennsylvanian Associated Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

-7-Case No. 5788 Order No. R-5309 TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM Section 20: W/2 That the Red Lake 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 27 EAST, NMPM Section 13: SE/4 SE/4 Section 24: NE/4 (y) That the Sawyer-San Andres Gas 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 13: SW/4 (z) That the Shugart Pool in Eddy County, New Mexico, as heretofore classified, defined, and described is hereby extended to include therein: TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM Section 26: NW/4 Section 27: NE/4 (aa) That the Vacuum-Queen Gas Pool in Lea County, New Mexico as heretofore classified, defined, and described is hereby extended to include therein: TOWNSHIP 17 SOUTH, RANGE 34 EAST, Section 2: SW/4 NMPM Section 3: 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 nonstandard 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 Form 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.

-8-Case No. 5788 Order No. R-5309

(2) That the effective date of this order and all creations, contractions, abolishments, and extensions included herein shall be November 1, 1976.

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

SEAL

jr/

PHIL R. LUCERO, Chairman EMERY . 1 int mber Member & Secretary TOE D

STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

Docket No, 27-76

I

Dockets Nos. 29-76 and 30-76 are tentatively set for hearing on October 27 and November 10, 1976. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - OCTOBER 13, 1976

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

The following cases will be heard before Richard L. Stamets, Examiner, or Daniel S. Nutter, Alternate Examiner:

ALLOWABLE: (1) Consideration of the allowable production of gas for November, 1976, from seventeen prorated pools in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico.

(2) Consideration of the allowable production of gas for November, 1976, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.

CASE 5773: (Continued from September 29, 1976, Examiner Hearing)

Application of Yates Petroleum Corporation for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the North Millman Unit Area comprising 2,017 acres, more or less, of State lands in Township 19 South, Range 28 East, Eddy County, New Mexico.

CASE 5783: Application of Palmer Oil and Gas Company for an unorthodox gas well location and a non-standard provide provide the provided and the provided and the provided cause, seeks approval for a 335.66-scre non-standard provided unit, comprising all of Sections 6 and 7, Township 26 North, Range 2 West, Blanco Mesaverde Pool, Rio Arriba County, New Mexico, to be dedicated to a well to be drilled at an unorthodox location 1850 feet from the South line and 700 feet from the West line of said Section 7.

CASE 5784: Application of Atlantic Richfield Company for four unorthodox locations and simultaneous dedication, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to simultaneously dedicate a previously approved 320-acre Jalmat gas proration unit comprising the NW/4, SW/4 NE/4, E/2 NE/4, NE/4 SE/4 of Section 35, Township 23 South, Range 36 East, Jalmat Gas Pool, Lea County, New Mexico, to its John P. Combest Wells Nos. 1, 2, 3, and 4 located at unorthodox locations in Units H, G, A, and E, respectively, of said Section 35.

CASE 5785: Application of Doyle Hartman for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Seven Rivers-Queen formation underlying the NE/4 NE/4, NW/4 NE/4, SW/4 NE/4, and SE/4 NE/4 of Section 19, Township 24 South, Range 37 East, Langlie-Mattix Pool, Lea County, New Mexico, to form four 40-acre proration units to be dedicated to four oil wells to be drilled at standard locations on said tracts. Also to be considered will be the cost of drilling and completing said wells and the allocation of the cost thereof, as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the wells and a charge for risk involved in drilling said wells.

- CASE 5786: Application of Texaco Inc. for a waterflood project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project on its New Mexico "BZ" State Lease, Langlic-Mattix Pool, Lea County, New Mexico, by the injection of water into the Seven Rivers-Queen formation through seven injection wells located in Unit L of Section 15 and Units B, D, F, H, J, and P of Section 16, Township 23 South, Range 37 East.
- CASE 5787: Application of Boyd Operating Company for a waterflood project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project in the Grayburg-Jackson Pool, Eddy County, New Mexico, by the injection of water into the Grayburg-San Andres formation through its Robinson Well No. 8 located in Unit N of Section 25 and its Brinson Wells Nos. 2 and 3 located, respectively, in Units A and G of Section 36, Township 16 South, Range 31 East, Eddy County, New Mexico. Applicant further seeks an administrative procedure for expansion of the project by approval of additional injection and production wells at orthodox and unorthodox locations.

CASE 5574: (Reopened)

X

In the matter of Case 5574 being reopened pursuant to the provisions of Order No. R-5118 which order established a temporary special depth bracket allowable of 750 barrels of oil per day for the Fagle Mesa-Entrada Gil Pool, Sandoval County, New Mexico. All interested parties may appear and show cause why said special depth bracket allowable should not be rescirded. Examiner Hearing - Wednesday - October 13, 1976

Docket No. 27-76

CASE 5780:

In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Northwest Production Corporation, Federal Insurance Company, and all other interested parties to appear and show cause why the Blanco 30-12 Well No. 1, located in Unit A of Section 4, Township 30 North, Range 12 West, San Juan County, New Vexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

CASE 5781:

1: In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Petroleum Development Corporation, American Employers Insurance Company, and all other interested parties to appear and show cause why the San Luis Federal Well No. 1, located in Unit J of Section 21, Township 18 North, Range 3 West, Sandoval County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

CASE 5782: In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit U. S. Frigidice, Inc.) Fireman's Fund Indemnity Company, and all other interested parties to appear and show cause why the U. S. Frigidice well No. 1, Clyde Berlier (Kayser), located in Unit A of Section 14, Township 19 North, Range 21 Fest, Mora County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

CASE 5788: Southeastern New Mexico nomenclature case calling for the creation, contraction, extension and abolishment of certain pools in Lea, Eddy, and Roosevelt Counties, New Mexico:

> a) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Angell Ranch-Morrow Cas Pool. The discovery well is the Penroc Oil Corporation wright Federal Well No. 1 located in Unit O of Section 6, Township 20 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANCE 28 EAST, MARM Section 6: All

b) CREATE a new pool in Eddy County, Kew Mexico, classified as a gas pool for Strawn production and designated as the West Burton Flat-Strawn cas Pool. The discovery well is the David Fasken El Paso Federal Well No. 3 located in Unit H of Section 1, Township 21 South, Range 26 East, NMPN. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 26 EAST, MMPM Section 1: Lois 1 through 8

c) CREATE a new pool in Roosevelt County, New Mexico, classified as a gas pool for Canyon production and designated as the North Chaveroo-Canyon cas Pool. The discovery well is the Union Oil Company of California Roberts Well No. 1, located in Unit D of Section 9, Township 7 South, Range 33 East, NMPM. Said pool would comprise

TOWNSHIP V SOUTH, RANGE 33 FAST, MAPM Section 9: W/2

d) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrów production and designated as the Foster Ranch-Morrow Gas Pool. The discovery well is the Mark Production Company Foster Well No. 1 located in Unit J of Section 21, Township 20 South, Range 24 East, NMTM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 24 EAST, 194FM Section 21: E/2

e) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Cherry Canyon production and designated as the Nash Draw Cherry-Canyon Pool. The discovery well is the Kesa Petroleum Company Nash Unit Well No. 4 located in Unit A of Section 13, Township 23 South, Range 29 East, NAPM. Said pool would comprise

TOWNSHIP 23 SOUTE, RANGE 29 FAST, MAPM Section 13: NE/2

f) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Strawn production and designated as the Ojo Chiso-Strawn Gas Pool. The discovery well is the American Quacar Petroleum Company of New Mexico Ojo Chiso Unit Well No. 1, located in Unit E of Section 23, Township 22 South, Range 34 Fast, NAPM. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 34 EAST, MMPM Section 23: W/2

g) CRFATE a new pool in Lea County, New Mexico, classified as a gas pool for Cisco production and designated as the North Vacuum-Cisco Gas Pool. The discovery well is the Marathon Oil Examiner Hearing - Wednesday - October 13, 1976 -3-

Docket No. 27-76

Company State Section 7 Com Weil No. 1, located in Unit 6 of Section 7, Township 17 South, Range 35 East, NAPM. Said pool would comprise:

> TOWNSHIP 17 SOUTH, RANGE 35 EAST, NUTM Section 7: E/2

h) CONTRACT the vertical limits of the Kemnitz-Pennsylvanian Pool in Lea County, New Mexico, to the Cisco formation only, redesignating said pool the Kemnitz-Cisco Pool and redefining said pool to comprise:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM Section 13: N/2 and SE/4

1) CONTRACT the vertical limits of the Sombrero-Pennsylvanian Gas Pool in Lea County, New Mexico, to the Atoka formation only, redesignating said pool the Sombrero-Atoka Gas Pool and redefining said pool to comprise:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM Section 12: W/2 Section 13: W/2 and SE/4

j) ABOLISH the East Shugart-Queen Pool in Lea County, New Mexico, described as:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, MPH Section 6: NE/4

k) ABOLISH the Watkins-Seven Rivers Pool in Eddy and Lea Counties, New Mexico, described as:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM Section 36: E/2

TOWNSHIP 18 SOUTH, RANGE 32 EAST, MAPH Section 31: All

TOWNSHIP 19 SOUTH, RANGE 32 EAST, MPM Section 6: N/2

1) EXTEND the vertical limits of the Watkins-Grayburg Pool in Lea County, New Mexico, to include the Yates, Seven Rivers, and Queen formations, redesignating said pool the Watkins Yates-Seven Rivers-Queen-Grayburg Pool and redefining said pool to comprise:

> TOWNSHIP 18 SOUTH, RANGE 31 EAST, NAPM Section 31: NW/4 and S/2

TOWNSHIP 19 SOUTH, RANCE 32 EAST, NAIPM Section 6: N/2

m) EXTEND the Blinebry Oil and Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, MAPM Section 18: SE/4

n) E"TEND the Burton Flat-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 26 EAST, W.P.M. Section 1: S/2

o) EXTEND the North Burton Flats-Wolfcamp Gas Pool in Eddy County, New Mexico, to include therein:

OWNSHIP			RANGE	28	EAST,	NAPM
Section 1	10:	W/2		1.4		
Section]	15:	₩/2				
Section 1	16:	E/2	-			

p) EXTEND the South Carlsbad-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM Section 20: E/2

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NAPA Section 3: W/2 Examiner Hearing - Wednesday - October 13, 1976

-1.-

Docket No. 27-76

q) EXTEND the North Dagger Draw-Upper Pennsylvanian Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 25 FAST, NMPM Section 30: SE/4

r) EXTEND the Dayton-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM Section 26: SW/4

s) EXTEND the East Empire Yates-Seven Rivers Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, MAPM Section 27: NE/4 and N/2 NW/4

t) EXTEND the Hoag Tank-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 24 EAST, NUPM Section 23: All

u) EXTEND the Middle Lynch Yates -Seven Rivers Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, PANGE 34 EAST, NAFM Section 28: N/2 N/2

v) EXTEND the Maljamar-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM Section 32: W/2

w) EXTEND the Peterson-Pennsylvanian Associated Pool in Roosevelt County, New Mexico, to include therein: 2 بالملاهد أيد الكرريسية الت<u>كريم الاسرايس</u> an an an the state of the second second second second second second second second second second second second s

TOWNSHIP 5 SOUTH, RANGE 33 EAST, NAPM Section 20: SW/4

x) EXTEND the Red Lake Queen - Grayburg - San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMFM Section 13: SE/4 SE/4 Section 24: NE/4

y) EXTEND the Sawyer-San Andres Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM Section 13: SW/4

z) EXTEND the Shugart Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NAPM Section 26: NW/4 Section 27: NE/4

aa) EXTEND the Vacuum-Queen Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, MAPM Section 2: SN/4 Section 3: SE/4

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

CASE NO. 5788 ORDER NO. R-5309

THE APPLICATION OF THE OIL CONSERVATION COMMISSION UPON ITS OWN MOTION FOR AN ORDER CREATING, ABOLISHING, CONTRACTING VERTICAL LIMITS, AND EXTENDING VERTICAL AND HORIZONTAL LIMITS OF CERTAIN POOLS IN 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 October 13, 1976, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this _____ day of October, 1976, 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 gas pool in Eddy County, New Maxico, for the production of gas from the Morrow formation, said pool to bear the designation of Angell Ranch-Morrow Gas Pool. Said Angell Ranch-Morrow Gas Pool was discovered by Penroc Oil Corporation Wright Federal Well No. 1, located in Unit O of Section 6, Township 20 South, Range 28 East, NMPM. It was completed in the Morrow formation on August 26, 1975. The top of the perforations is at 10,828 feet.

(3) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Strawn formation, said pool to bear the designation of West Burton Flat-Strawn Gas Pool. Said West Burton Flat-Strawn Gas Pool was discovered by David Fasken El Paso Federal Well No. 3, located in Unit H of Section 1, Township 21 South, Range 26 East, NMPM. It was completed in the Strawn formation on July 15, 1976. The top of the perforations is at 9,971 feet.

(4) That there is need for the creation of a new gas pool in Roosevelt County, New Mexico, for the production of gas from the Canyon formation, said pool to bear the designation of North Chaveroo-Canyon Gas Pool. Said North Chaveroo-Canyon Gas Pool was discovered by Union Oil Company of California Roberts Well No. 1, located in Unit D of Section 9, Township 7 South, Range 33 East, NMPM. It was completed in the Canyon formation on June 2, 1976. The top of the perforations is at 8,903 feet.

(5) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Foster Ranch-Morrow Gas Pool. Said Foster Ranch-Morrow Gas Pool was discovered by Mark Production Company Foster Well No. 1, located in Unit J of Section 21, Township 20 South, Range 24 East, NMPM. It was completed in the Morrow formation on May 13, 1975. The top of the perforations is at 8,875 feet.

(6) That there is need for the creation of a new oil pool in Eddy County, New Mexico, for the production of oil from the Cherry Canyon formation, said pool to bear the designation of Nash Draw-Cherry Canyon Pool. Said Nash Draw-Cherry Canyon Pool was discovered by Mesa Petroleum Company Nash Unit Well No. 4, located in Unit A of Section 13, Township 23 South, Range 29 East, NMPM. It was completed in the Cherry Canyon formation on June 2, 1976. The top of the perforations is at 4,785 feet.

(7) That there is need for the creation of a new gas pool in Lea County, New Mexico, for the production of gas from the Strawn formation, said pool to bear the designation of Ojo Chiso-Strawn Gas Pool. Said Ojo Chiso-Strawn Gas Pool was discovered by American Quasar Petroleum Company of New Mexico Ojo Chiso Unit Well No. 1, located in Unit E of Section 23, Township 22 South, Range 34 East. It was completed in the Strawn formation on June 27, 1976. The top of the perforations is at 11,727 feet.

CASE NO. 5788 ORDER NO.

(8) That the proposed creation of a new gas pool in Lea County. New Mexico, for the production of gas from the Cisco formation, said pool to bear the designation of North Vacuum - lisco tax Pool, should be dismissed pending fearther study. (9) That the proposed contraction of the vertical limits of the Kinnity-Pennagluonian Pool in Les County, New Mexico, to the Cieco formation only; chould be dismissed due to an over in advertising.

East, NMPM. It was completed in the Atoka formation on November 12, 1975. The top of the perforations is at 12,660 feet.

(11) That there is need for the abolishment of the East Shugart-Queen Pool in Lea County, New Mexico, acreage will be included in the Watkins Yates - Seven Rivers-Queen - Grayburg Pool.

(12) That there is need for the abolishment of the Watkins-Seven Rivers Pool in Eddy and Lea Counties, New Mexico, acreage in Eddy County, New Mexico will be included in the Shugart Yates - Seven Rivers - Queen - Grayburg Pool, and the acreage in Lea County, New Mexico will be included in the Watkins Yates - Seven Rivers - Queen -Grayburg Pool.

(13) That there is need for the extension of the vertical limits of the Watkins-Grayburg Pool in Lea County, New Mexico, to include the Yates, Seven Rivers and Queen formations, redesignating said pool the Watkins Yates, Seven Rivers, Queen, Grayburg Pool and redefining the horizontal limits of said pool.

(14) That there is need for certain extensions to the Burton Flat-Morrow Gas Pool, the North Burton Flat-Wolfcamp Gas Pool, the South Carlsbad-Morrow Gas Pool, the North Dagger Draw-Upper Pennsylvanian Pool, the Dayton-San Andres Pool, the East Empire Yates-Seven Rivers Pool, the Hoag Tank-Morrow Gas Pool, the Red Lake Queen-Grayburg San Andres Pool, and the Shugart Yates-Seven Rivers-Queen-Grayburg Pool, all in Eddy County, New Mexico, the Blinebry Oil and Gas Pool, the Middle Lynch Yates-Seven Rivers Pool, (the Maljamar-Pennsylvanian Pool), the Sawyer-San Andres Gas Pool, and the Vacuum-Queen Gas Pool, all in Lea County, New Mexico, and the Peterson-Pennsylvanian Associated Pool in Roosevelt County, New Mexico.

(15) That the proposed extension to the Malyamar -Mor Pennsylvanian Pool in Lea County, how Mexico, should be dismissed due to previous action by Oil concervation Commission Order no. R-5296.

Str. Gas

TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM Section 1: Lots 1 through 8

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

TOWNSHIP 7 SOUTH, RANGE 33 EAST, NMPM Section 9: W/2 -3-CASE NO. 5788 ORDER NO.

(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 Foster Ranch-Morrow Gas Pool, consisting of the following described area:

TOWNSHIP 20 SOUTH, RANGE 24 EAST, NMPM Section 21: E/2

(e) That a new pool in Eddy County, New Mexico, classified as an oil pool for <u>Cherry Canyon production</u>, is hereby created and designated as the Nash Draw-Cherry Canyon Pool, consisting of the following described area:

TOWNSHIP 23 SOUTH, RANGE 29 EAST, NMPM Section 13: NE/4

(f) That a new pool in Lea County, New Mexico, classified as a gas pool for Strawn production, is hereby created and designated as the Ojo Chiso-Strawn Gas Pool, consisting of the following described area:

TOWNSHIP 22 SOUTH, RANG5 34 EAST, NMPM Section 23: W/2

(g) That the proposed creation of a new gas pool in For County, New Mexico, for Cisco production is hereby dismissed. I' (k) That the proposed contraction of the vertical limite of the Kennity-Pennsylvanian Pool in Lea County, new Mexico, ic hereby dismissed.

> TOWNSHIP 16 SOUTH, RANGE 33 EAST, NNPM Section 13: N/2 and SE/4

(i) That the vertical limits of the Sombrero-Pennsylvanian Gas Pool in Lea County, New Mexico, are hereby contracted to include only the Atoka formation and said Sombrero-Pennsylvanian Gas Pool is hereby redesignated the Sombrero-Atoka Gas Pool, consisting of the following described area:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM Section 12: W/2 Section 13: W/2 and SE/4

(j) That the East Shugart-Queen Pool in Lea County, New Mexico, consisting of the following described area:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM Section 6: NE/4

is hereby abolished.

(k) That the Watkins-Seven Rivers Pool in Eddy and Lea Counties, New Mexico, consisting of the following described area:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM Section 36: E/2

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM Section 31: All

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM Section 6: N/2

is hereby <u>abolished</u>.

 $\sqrt{(1)}$ That the vertical limits of the Watkins-Grayburg Pool in Lea County, New Mexico, are hereby extended to include the Yates, Seven Rivers, and Queen formations and said Watkins-Grayburg Pool is redesignated the Watkins Yates - Seven Rivers - Queen - Grayburg Pool, consisting of the following described area:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM Section 31: NW/4 and S/2

TOWNSHIP 19 SOUTH, RANGE 32 FAST, NMPM Section 6: N/2 -4-CASE NO. <u>5788</u> ORDER NO. ____

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

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM Section 21: S/2 SE/4 Section 28: N/2 NE/4 and NE/4 NW/4 TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM Section 18: SE/4

(n) That the Burton Flat-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM Section 1: S/2

(o) That the North Burton Flats Wolfcamp Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM Section 10: W/2 Section 15: W/2

Section 16: E/2

(p) 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 22 SOUTH, RANGE 27 EAST, NMPM Section 20: E/2

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM Section 3: W/2

(q) That the North Dagger Draw-Upper Pennsylvanian Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM Section 30: SE/4

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

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM Section 26: SW/4 and E/2 NW/4

(s) That the East Empire Yates Seven Rivers 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 27: NE/4 and N/2 NW/4 Section 28: SE/4 NE/4

(t) That the Hoag Tank-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 24 EAST, NMPM Section 23: All

(u) That the Middle Lynch Yates - Seven Rivers Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM

Section 28: N/2 N/2 proposed extension to the

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

TOWNSHIP 16 SOUTH, -RANGE 33 EAST, NMPM. Soction 32: W/2

TO BE DISMISSED CASE NO. 5788 ORDER NO.

(w) That the Peterson-Pennsylvanian Associated Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM Section 20: W/2

(x) That the Red Lake 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 27 EAST, NMPM Section 13: JSE/4 SE/4 Section 24: NE/4

(y) That the Sawyer-San Andres Gas 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 13: SW/4

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

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM Section 26: NW/4 Section 27: NE/4

(aa) That the Vacuum-Queen Gas 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 2: SW/4 Section 3: 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 Form 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, abolishments, and extensions included herein shall be November 1, 1976.

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

STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

PHIL R. LUCERO, Chairman

EMERY C. ARNOLD, Member

JOE D. RAMEY, Member & Secretary

SEAL