

CASE NO. 6705 APPIICATION, Transcripts, Small Exhibits, ETC.

## STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

> CASE NO. 6705 Order No. R-6170

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

### ORDER OF THE DIVISION

#### BY THE DIVISION:

This cause came on for hearing at 9 a.m. on October 17, 1979, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 2nd day of November, 1979, the Division Director, 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 Division has jurisdiction of this cause and the subject matter thereof.

(2) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Southwest Indian Flats-Morrow Gas Pool. Said Southwest Indian Flats-Morrow Gas Pool was discovered by the Perry R. Bass Big Eddy Unit Well No. 68 located in Unit K of Section 10, Township 22 South, Range 28 East, NMPM. It was completed in the Morrow formation on May 4, 1979. The top of the perforations is at 11,966 feet.

(3) That there is need for the creation of a new pool in Lea County, Naw Mexico, for the production of gas from the Atoka-Morrow formation, said pool to bear the designation of South Kemnitz Atoka-Morrow Gas Pool. Said South Kemnitz Atoka-Morrow Gas Pool was discovered by the Tenneco Oil Company Kemnitz Deep Well No. 1 located in Unit G of Section 29, Township 16 South, Range 34 East, NMPM. It was completed in the -2-Case No. 6705 Order No. R-6170

Atoka-Morrow formation on March 8, 1978. The top of the perforations is at 12,611 feet.

(4) That there is need for certain extensions to the Cato-San Andres Pool and the Chaveroo-San Andres Pool, both in Chaves County, New Mexico, and the Angell Ranch-Morrow Gas Pool, the Box Canyon-Permo Pennsylvanian Gas Pool, the East Atoka-Morrow Gas Pool, the Boyd-Morrow Gas Pool, the North Cemetery-Wolfcamp Gas Pool, the South Culebra Bluff-Atoka Gas Pool, the Diamond Mound-Atoka Gas Pool, the Eagle Creek-Permo Pennsylvanian Gas Pool, the South Empire-Morrow Gas Pool, the West Indian Basin-Morrow Gas Pool, the North Loving-Morrow Gas Pool, the Penasco Draw-Atoka Gas Pool, the Penasco Draw-Morrow Gas Pool, the Penasco Draw San Andres-Yeso Associated Pool, the Red Lake-Pennsylvanian Gas Pool, the Shugart-Pennsylvanian Gas Pool, and the Travis-Upper Pennsylvanian Pool, all in Eddy County, New Mexico, and the Anderson Ranch-Morrow Gas Pool, the Antelope Ridge-Atoka Gas Pool, the South Brunson-Abo Pool, the Drinkard Pool, the South Eunice-San Andres Pool, the East Grama Ridge-Morrow Gas Pool, the Imperial Tubb-Drinkard Pool, the Kemnitz-Cisco Pool, the Langley-Ellenburger Gas Pool, the Langlie Mattix Pool, and the North Teague-Devonian Pool, all in Lea County, New Mexico, and the Bluitt-San Andres Associated Pool, the South Peterson-Fusselman Pool, the South Peterson-Pennsylvanian Pool, and the Tomahawk-San Andres Pool, all in Roosevelt County, New Mexico.

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 Southwest Indian Flats-Morrow Gas Pool, consisting of the following described area:

## TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM Section 10: W/2

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

> TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM Section 29: E/2

-3-Case No. 6705 Order No. R-6170

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

> TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM Section 3: S/2

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

> TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM Section 30: 5/2

(e) That the Antelope Ridge-Atoka Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

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

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

> TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM Section 22: S/2 Section 23: S/2 Section 28: E/2

(g) That the Box Canyon-Permo Pennsylvanian Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 21 SOUTH, RANGE 22 EAST, NMPM Section 7: 5/2 Section 18: N/2

(h) 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 22: NE/4

-4-Case No. 6705 Order No. R-6170

(1) That the Boyd-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 12: W/2

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

## TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM Section 30: NE/4

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

#### TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM Section 4: NW/4

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

## TOWNSHIP 20 SOUTH, RANGE 25 EAST, NMPM Section 18: All

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

## TOWNSHIP 8 SOUTH, RANGE 32 EAST, NMPM Section 3: NW/4

(n) That the South Culebra Bluff-Atoka Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM Section 34: E/2

(o) That the Diamond Mound-Atoka Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 16 SOUTH, RANGE 27 EAST, NMPM Section 11: All

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

> TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM Section 18: SW/4

(q) That the Eagle Creek-Permo Pennsylvanian Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM Section 36: N/2

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

> TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM Section 19: N/2

(s) That the South Eunice-San Andres 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 12: SW/4

(t) That the East Grama Ridge-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM Section 35: N/2 Section 36: N/2

TOWNSHIP 22 SOUTH, RANGE 34 EAST, NMPM Section 2: SW/4

(u) That the Imperial Tubb-Drinkard Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein;

> TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM Section 22: SW/4

-6-Case No. 6705 Order No. R-6170

(v) That the West Indian Basin-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 21 SOUTH, RANGE 22 EAST, NMPM Section 14: W/2

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

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM Section 8: SE/4 Section 9: SW/4

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

> TOWNSHIP 22 SOUTH, RANGE 36 EAST, NMPM Section 20: E/2

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

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM Section 321 SW/4

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

> TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM Section 8: S/2 Section 16: E/2

(aa) That the Penasco Draw-Atoka Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM Section 21: W/2

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

> TOWNSHIP 18 SOUTH, RANGE 24 EAST, NMPM Section 25: S/2 Section 36: All

-7-Case No. 6705 Order No. R-6170

(cc) That the Penasco Draw San Andres-Yeso Associated Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM Section 31: SE/4

(dd) That the South Peterson-Fusselman 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 30: SE/4

(ee) That the South Peterson-Pennsylvanian 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 31: N/2 SE/4 and S/2 NE/4

(ff) That the Red Lake-Pennsylvanian Gas 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 31: W/2

(gg) That the Shugart-Pennsylvanian Gas 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 27: W/2 Section 33: E/2 Section 34: W/2 and SE/4 Section 35: All

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

> TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM Section 21: NE/4

-8-Case No. 6705 Order No. R-6170

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

# TOWNSHIP 7 SOUTH, RANGE 32 EAST, NMPM Section 31: SW/4

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

# TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM Section 13: N/2 5/2

IT IS FURTHER ORDERED:

(1) That, pursuant to Section 70-2-18, NMSA 1978, 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 Division. 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 nonstandard unit to the well or to obtain a nonstandard unit approved by the Division within said 60-day period shall subject the well to cancellation of allowable.

(2) That the effective date of this order and all creations and extensions included herein shall be November 1, 1979.

DONE at Santa Fe, New Mexico, on the day and year herein-

SE

STATE OF NEW MEXICO OIL CONSERVATION DIVISION MMO JOE D. RAMEY

Director

### NEW POOLS

It is recommended that a new <u>GAS</u> pool be created and designated as the <u>SOUTHWEST INDIAN FLATS-MORROW GAS</u> Pool.

 Vertical limits to be the
 MORROW
 formation and the

 horizontal limits should be as follows:
 As shown in Paragraph (a) Exhibit I

 Discovery well was
 Perry R. Bass Big Eddy Unit #68

 located in Unit K
 Section 10 Township 22 Range 28 and was completed on

 May 4, 1979
 . Top of perforations is at 11966 feet.

It is recommended that a new GAS pool be created and designated as the SOUTH KEMNITZ-ATOKA-MORROW GAS Pool.

 Vertical limits to be the
 ATOKA-MORROW
 formation and the

 horizontal limits should be as follows:
 As shown in Paragraph (b) Exhibit I

 Discovery well was
 Tenneco Oil Company Kemmitz Deep Well #1

 located in Unit G Section 29 Township 16 Range 34 and was completed on

 March 8, 1978
 Tenneco formation and the

March 8, 1978 . Top of perforations is at 12,611 feet.

It is recommended that a new \_\_\_\_\_ pool be created and designated as the \_\_\_\_\_\_ Pool.

Vertical limits to be the \_\_\_\_\_\_ formation and the horizontal limits should be as follows: \_\_\_\_\_\_

Discovery well was

located in Unit\_\_\_\_Section\_\_\_Township\_\_\_Range\_\_\_ and was completed on \_\_\_\_\_. Top of perforations is at \_\_\_\_\_feet.

# CASE NO. 6705 (a) CREATION OF A NEW GAS POOL

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CASE NO. 6705 (d) EXTENSION OF AN EXISTING GAS POOL



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# CASE NO. 6705 (e) EXTENSION OF AN EXISTING GAS POOL

# CASE NO. 6705 (f) EXTENSION OF AN EXISTING GAS POOL





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CASE NO. 6705 (h) EXTENSION OF AN EXISTING ASSOCIATED POO

CASE NO. 6705 (1) EXTENSION OF AN EXISTING GAS POOL





CASE NO. 6705 (j) EXTENSION OF AN EXISTING OIL POOL

NO. 6705 (k) EXT	POOL	CATO-SAN AND			
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AN EXISTING OIL POOL

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# CASE NO. 6705 (m) EXTENSION OF AN EXISTING OIL POOL



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CASE NO. 6705 (n) EXTENSION OF AN EXISTING GAS POOL

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CASE NO. 6705 (p) EXTENSION OF AN EXISTING OIL POOL

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# CASE NO. 6705 (t) EXTENSION OF AN EXISTING GAS POOL Contd.

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CASE NO. 6705 ( w) EXTENSION OF AN EXISTING OIL POOL

# CASE NO. 6705 (x) EXTENSION OF AN EXISTING GAS POOL

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### COUNTY LEA LANGLIE MATTIX POOL TOWNSHIP 25 South RANGE 37 East NMPM ς 8 9 10 --11 12 1B 16 17 15 14 13 20 19 21 22 23 24 29 28 26 25 27 3h 33 34 35 31 36 PURPOSE: One completed oil well capable of producing. Gulf Oil Corporation Arnott Ramsay (NCT-B) Well #8 in Unit N Section 32, T25S, R37E, completed July 19, 1979, in the Seven Rivers-Queen formation. Top of perforations 3334 feet. Pool boundary outlined in red. Proposed pool extension outlined in green. SECTION 32: SW/4 A STATES

CASE NO. 6705 (y) EXTENSION OF AN EXISTING OIL POOL

Eddy   FOOL   NOT CIT   DURY     TOWNSHIF   235   RANTE   28E   NHM     6   5   4   3   2.2   1     7   8   9   10   11   12     7   8   9   10   11   12     18   17   13   15   14   13     18   17   13   15   14   13     19   20   21   22   23   24     19   20   21   22   23   24     119   20   21   22   23   24     30   29   28   27   26   25     31   32   33   34   35   36     31   32   33   34   35   36	CASE	NO. 6705	(z) EXTENSI	ON OF AN	EXISTING	GAD FOOL	cow Gas		
TOWNSHIF   23S   RAVE   20B   MUM     6   5   4   3   -2   1     7   9   10   -11   -12     7   9   10   -11   -12     18   17   18   15   14   -13     18   17   18   15   14   -13     19   20   21   22   23   24     -30   -29   -28   27   -26   25     -30   -29   -28   27   -26   25     -31   32   -33   -34   -35   -36     9   10   -1   -27   -26   25     -31   32   -33   -34   -35   -36     9   13   -32   -33   -34   -35   -36     0perator   Lease   #-utS.T.R.   Comp.   Form.   10     Gities Service Co.   Villa A Com.   1-K-8-23-28   7-26-79   Morrow   11     Pool boundary outlined in red.				P001.	North	Hottes			
6   5   4   3   2   1     7   9   10   11   12     18   17   18   15   14   13     19   20   21   22   23   24     19   20   21   22   23   24     19   20   21   22   23   24     19   20   21   22   23   24     19   20   21   22   23   24     19   20   21   22   23   24     19   20   21   22   23   24     30   29   28   27   26   25     31   32   33   34   35   36     31   32   33   34   35   36     cities Service Co. villa A Com. 1-K-8-23-28   7-26-79   Morrow   17     Gulf Oil Corp.   Eddy GR State   2-G-16-23-28   B-16-79   Morrow   17     Pool boundary outlined in red.   2-G-16-23-28   B-16-7			235	RANCE	28E	NMPM	T		
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Purpose:   two completed gas wells capable of producing.     Operator   Lease     #-UtS.T.R.   Comp.     Gulf Oil Corp.   Eddy GR State     Pool boundary outlined in red.     Proposed extension outlined in blue:     Sec.     8:     Sec.     16:     E/2			29		28	27	26		
Purpose:   two completed gas wells capable of producing.     Operator   Lease     #-UtS.T.R.   Comp.     Form.   T     Gulf Oil Corp.   Eddy GR State     Pool boundary outlined in red.     Proposed extension outlined in blue:     Sec.     8:     Sec.     16:     E/2									
Purpose: two completed gas wells capable of producing. Operator Lease #-UtS.T.R. Comp. Form. Cities Service Co. Villa A Com. 1-K-8-23-28 7-26-79 Morrow 13 Gulf Oil Corp. Eddy GR State 2-G-16-23-28 8-16-79 Morrow 13 Pool boundary outlined in red. Proposed extension outlined in blue: Sec. 8: S/2 Sec. 16: E/2	~,		1 32		-33	34			
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Proposed extension outlined in blue: Sec. 8: S/2 Sec. 16: E/2				la A Co ly GR St	om. 1- ate 2-	G-16-23-28	8-16-79	Morrow	_12
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TOWNSHIP   185   RANCE   25E   NNFM     6   5   4   3   2   1     6   5   4   3   2   1     7   8   9   10   11   12     18   17   16   15   14   13     19   20   21   22   23   24     19   20   21   22   23   24     19   20   21   22   23   24     19   20   21   22   23   24     19   20   21   22   23   24     19   20   21   22   23   36     19   20   21   22   23   36     19   20   28   27   26   25     19   30   29   28   27   26   25     13   32   33   34   35   36   36     19   10   5   5   7   7		COUNTY	Eddy	POOL	Penasc	o Draw	-Atoka Ga	S	
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Purpose: one completed gas well capable of producing     Operator   Lease     #-UtS.T.R.   Comp.     Yates Pet. Corp.   Federal AB     5-L-21-18-25   3-8-79     Atoka     Proposed extension outlined in blue:						Ĩ			_
Purpose: one completed gas well capable of producing     Operator   Lease     #-UtS.T.R.   Comp.     Yates Pet. Corp.   Federal AB     5-L-21-18-25   3-B-79     Atoka     Proposed extension outlined in blue:			┟╍┼╍┼╸┼		╶┼╌╂╌┼╴		┠──╁──╁─		-
Purpose: one completed gas well capable of producing     Operator   Lease     #-UtS.T.R.   Comp.     Yates Pet. Corp.   Federal AB     5-L-21-18-25   3-8-79     Atoka     Proposed extension outlined in blue:			┨╌┼╌┼╌┼		╶┼╌╂╌┼╴	╺╋╼╍╄╍╍			-{
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Purpose: one completed gas well capable of producing     Operator   Lease     #-UtS.T.R.   Comp.     Yates Pet. Corp.   Federal AB     5-L-21-18-25   3-8-79     Atoka   843     Pool boundary outlined in red.					-+	22		24	
Purpose: one completed gas well capable of producing     Operator   Lease     #-UtS.T.R.   Comp.     Yates Pet. Corp.   Federal AB     S-L-21-18-25   3-8-79     Atoka   843     Pool boundary outlined in red.			┠╌┼╌┼╴┼	╶┨╌┼╌┠╌	╌╁╴╉╺╼╅╸	+		╺╉──┼──┼──	-
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Operator   Lease   #-UtS.T.R.   Comp.   Form.   TOP     Yates Pet. Corp.   Federal AB   5-L-21-18-25   3-8-79   Atoka   843     Pool boundary outlined in red.			29-			27			-
Purpose: one completed gas well capable of producing     Operator   Lease     #-UtS.T.R.   Comp.     Yates Pet.   Corp.     Federal AB   5-L-21-18-25     3-8-79   Atoka     843     Pool boundary outlined in red.     Proposed extension outlined in blue:     Sec. 21: W/2		┠──╀┈┼╌┤╍╍	╶╍╁╌╍╂╍╾╂╴	╌╉╌┼╌┼┈	╶┼╴╉╶╺┽╼	+		╉╍╂╍╂╧╂╼╛	4
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Operator   Lease   #-UtS.T.R.   Comp.   Form.   TOP     Yates Pet. Corp.   Federal AB   5-L-21-18-25   3-8-79   Atoka   843     Pool boundary outlined in red.			┝╍╊╼╌╊╸╌╄		┼┼┼╌	+	╧╾╂╼╌┠╌╌		1
Operator   Lease   #-UtS.T.R.   Comp.   Form.   TOP     Yates Pet. Corp.   Federal AB   5-L-21-18-25   3-8-79   Atoka   843     Pool boundary outlined in red.	Burnogo				<u>i i i c</u>				1
Yates Pet. Corp. Federal AB 5-L-21-18-25 3-8-79 Atoka 843 Pool boundary outlined in red. Proposed extension outlined in blue: Sec. 21: W/2	rurpose	one comp	leteu gas	well ca	pable of	proqu	cing	<u></u>	•-
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CASE NO. 6705 (cc) EXTENSION OF AN EXISTING ASSOCIATED POOL COUNTY Eddy POOL Penasco Draw-San Andres-Yeso Assoc. TOWNSHIP RANGE NMPM 18S 25E 6 ۵ 2 ิก q 10 - 11 -12 18 - 15 -17 -16 14 ·13-19 20 21 22 23 24 28 25 30 29 27 26 - 35 -33 6 32 Purpose: one completed oil well capable of producing. Lease #-Ut.-S.T.R. Comp. Form. TOP Operator Yates Pet.Corp. Penasco IW Shallow 1-J-31-18-25 8-14-79 Yeso 2548 Pool boundary outlined in red. Proposed extension outlined in blue: Sec. 31: SE/4 •)

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### ROOSEVELT SOUTH PETERSON-FUSSELMAN COUNTY POOL 5 South 33 East TOWNSHIP RANGE NMPM 6 5 4 3 2 Í 9 10 - 11 --12 8 18 - 16 15 -17 14 13-20 2]. -19 22 23 24 29 28 27 26 25 32 33 31 34-35 36 PURPOSE: One completed oil well capable of producing. Enserch Exploration, Inc. Lambirth Well #7 in Unit P, Section 30, T5S, R33E, completed June 12, 1979, in the Fusselman formation. S> Pool boundary outlined in red. Proposed pool extension outlined in green. SECTION 30: SE/4

CASE NO. 6705 (dd) EXTENSION OF AN EXISTING OIL POOL

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CASE NO.	6705 (ee)	EXTENSION	OF AN	EXI	STING	OIL	POOL	
COUNTY	ROOSEVEL	T POOL	SO	UTH	PETERS	SON-I	PENNSY	LVANIAN

COUNTY	ROOSEVELT	POOL	PETERSON-PENNSYLVAN	
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serch Expl	oration, Inc.	. Lambirth Well	#3 in Unit G, Secti	on 31, T5S,R33E
npleted Au	gust 20, 1979	), in the Penns	ylvanian formation.	Top of perfs
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CASE NO. 6705 (ff) EXTENSION OF AN EXISTING GAS POOL



Proposed extension outlined in blue:

Sec. 31: W/2

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CASE NO. 6705 (gg) EXTENSION OF AN EXISTING GAS POOL Shugart-Penn. Gas POOL Eddy COUNTY NMPM RANGE 31E TOWNSHIP 185 3 12 - 11 10 g 8 13 14 15 -16 17 18 T 24 23 22 21-20 -19 25 28 29 30 36 35 32 31 Purpose - four completed gas wells capable of producing TOP Form. Comp. #-Ut.-S.T.R. Lease Operator 11861 7-4-78 Morrow 1-н-33-18-31 Keohane Fed.Com. 11594 3-9-79 Morrow Greenwood Pre-Grbg.Ut. 10-L-27-18-31 Texas O&G Corp. 11854 Morrow 2-5-79 Greenwood Pre-Grbg.Ut. 11-L-34-18-31 Amoco Prod. Co. 6-20-79 Morrow 11492 Greenwood Pre-Grbg.Ut. 12-F-35-18-31 Amoco Prod. Co. Amoco Prod. Co. Pool boundary outlined in red Proposed extension outlined in blue: Sec. 27: W/2 Sec. 33: E/2 Sec. 34: W/2 & SE/4 Sec. Sec. 35: All

## CASE NO. 6705 (hh) EXTENSION OF AN EXISTING OIL POOL

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### CASE NO. 6705 (11) EXTENSION OF AN EXISTING OIL POOL

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### POOL TOMAHAWK-SAN ANDRES

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dance 011	Company Cor	ne Federal	Well #14 in	Unit K, Section	1 31. T7S. R
a second s				ormation. Top	

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 31: SW/4

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MR. NUTTER: We'll call Case Number 6705, which is in the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating and extending certain pools in Chaves, Eddy, Lea, and Roosevelt Counties, New Mexico.

Pag

MR. PADILLA: Mr. Examiner, Ernest L. Padilla on behalf of the Oil Conservation Division. I have one witness to be sworn.

(Witness sworn.)

RICHARD L. STAMETS being called as a witness and having been duly sworn upon his oath, testified as follows, to-wit:

DIRECT EXAMINATION BY MR. PADILLA:

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WALTON E

Mr. Stamets, for the record would you Q. state your name, by whom you're employed, and in what capacity?

I'm R. L. Stamets, Technical Support Chief 22 for the Oil Conservation Division in Santa Fe, New Mexico. Mr. Stamets, are you prepared to make recommendations to the Division concerning the nomenclature of certain pools in Chaves, Eddy, Lea, and Roosevelt Counties

New Mexico?

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Are your recommendations prepared in the Q. form of an exhibit?

> A. Yes. This is Exhibit One.

Referring to Exhibit One and to the docket Q. that has been prepared and distributed for this hearing, would you point out any substantial difference between the two?

> A. There are none,

Do you have anything further to add to Q. your testimony?

I do not.

MR. PADILLA: Mr. Nutter, I offer Exhibit Number One into evidence.

MR. NUTTER: OCD Exhibit Number One in Case 6705 will be admitted in evidence.

MR. PADILLA: And I have nothing further in this case.

20 MR. NUTTER: Does anyone have any question of Mr. Stamets? He may be excused.

Do you have anything further, Mr. Padilla? MR. PADILLA: Nothing further,

MR. NUTTER: Does anyone have anything they wish to offer in Case 6705? Take the case under advisement.



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VALTON BOYD HORTHAND REPORTER MAILCO (805) 471-2462 New Mexico 57501 I, SALLY W. BOYD, a Court Reporter, DO HEREBY CERTIFY that the foregoing and attached Transcript of the Hearing before the Oil Conservation Division was reported by me; that said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability, from my notes taken at the time of the hearing.

Sally W. Boyd, C.S.R.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 6705 heard by me on 10/17 19.79. Examiner

Oil Conservation Division

	Page	1
1	THE ALL OF NEW MEXICU	
2	ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION	
_	State Land Office Building	
-3	All Santo Ro Mou Moreta -	
4	EXAMINER HEARING	
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6	IN THE MATTER OF:	
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	The hearing called by the Oil Conservation )	CASE 6705
8	Division on its own motion for an order ) creating and extending certain pools in {	0705
	Chaves, Eddy, Lea, and Roosevelt Counties	
9	New Mexico.	
10		
	BEFORE: Daniel S. Nutter	ал. Алтана (1996)
11	DEFORET Daniel S. Mutter	
12		
	TRANSCRIPT OF HEARING	
13	THE ONLY OF MEANING	
14		
14	APPEARANCES	
15		
	For the Applicant: Ernest L. Padilla, Esq. Legal Counsel for the Divi	
16	State Land Office Bldg	
17	Santa Fe, New Mexico 87503	a di tanggala
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SALLY WALTON BOYD CERTIFIED SHORTHAND REPORTER 2020 Plata Bhunga (646) 411-5442 Bauta Pe, New Maddon 87461

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INDEX

RICHARD L. STAMETS

SALLY WALTON BOYD CERTIFIED SHORTHAND REPORTER 3030 Plaza Blanca (105) 471-2467 3030 Plaza Blanca (105) 471-2467 Direct Examination by Mr. Padilla

EXHIBITS

Division Exhibit One

MR. NUTTER: We'll call Case Number 6705, which is in the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating and extending certain pools in Chaves, Eddy, Lea, and Roosevelt Counties, New Mexico.

MR. PADILLA: Mr. Examiner, Ernest L. Padilla on behalf of the Oil Conservation Division. I have one witness to be sworn.

(Witness sworn.)

RICHARD L. STAMETS

being called as a witness and having been duly sworn upon his oath, testified as follows, to-wit:

DIRECT EXAMINATION

BY MR. PADILLA:

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WALTON

Q. Mr. Stamets, for the record would you state your name, by whom you're employed, and in what capacity?

A. I'm R. L. Stamets, Technical Support Chief
for the Oil Conservation Division in Santa Fe, New Mexico.
Q. Mr. Stamets, are you prepared to make re commendations to the Division concerning the nomenclature
of certain pools in Chaves, Eddy, Lea, and Roosevelt Counties

1 New Mexico? 2 λ. I am. 3 Are your recommendations prepared in the Q, 4 form of an exhibit? 5 Yes. This is Exhibit One. ሊ 6 Referring to Exhibit One and to the docket 0. 7 that has been prepared and distributed for this hearing, 8 would you point out any substantial difference between the 9 two? 10 There are none. Α. 11 Q. Do you have anything further to add to 12 your testimony? 13 I do not. λ. 14 MR. PADILLA: Mr. Nutter, I offer Exhibit 15 Number One into evidence. 16 MR. NUTTER: OCD Exhibit Number One in 17 Case 6705 will be admitted in evidence. 18 MR. PADILLA: And I have nothing further 19 in this case. 20 MR. NUTTER: Does anyone have any questions 21 of Mr. Stamets? He may be excused. 22 Do you have anything further, Mr. Padilla? 23 MR. PADILLA: Nothing further. 24 MR. NUTTER: Does anyone have anything they 25 wish to offer in Case 6705? Take the case under advisement.

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SALLY WALTON BOYI CENTIFED SHORTHAND REPORTE

1 REPORTER'S CERTIFICATE 2 3 I, SALLY W. BOYD, a Court Reporter, DO HEREBY CERTIFY 4 that the foregoing and attached Transcript of the Hearing 5 before the Oil Conservation Division was reported by mer 6 that said transcript is a full, true, and correct record 7 of the hearing, prepared by me to the best of my ability, 8 from my notes taken at the time of the hearing. 9 10 SALLY WALTON BOY CENTIFIED SHORTHAND REPORTI 1020Plaza Blanca (504) 471-24 Santa Fe. New Mexico 3750 Sally W. Boyd, C.S.R. 11 12 13 14 I do here a reaction that the foregoing is 15  $\alpha$  complete theory with propositings in the Lucidiner hearing of Case 140. 6705 16 neard by me on 10/17 19.29. 17 Examiner Off Conservation Division 18 19 20 21 22 23

#### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

> CASE NO. 6705 ORDER NO. <u>*R*-6170</u>

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

#### ORDER OF THE DIVISION

#### BY THE DIVISION:

This cause came on for hearing at 9:00 a.m. on October 17, 1979, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this \_\_\_\_\_ day of October, 1979, the Division Director, 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 Division has jurisdiction of this cause and the subject matter thereof.

(2) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Southwest Indian Flats-Morrow Gas Pool. Said Southwest Indian Flats-Morrow Gas Pool was discovered by the Perry R. Bass Big Eddy Unit Well No. 68 located in Unit K of Section 10, Township 22 South, Range 28 East, NMPM. It was completed in the Morrow formation on May 4, 1979. The top of the perforations is at 11,966 feet.

(3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Atoka-Morrow formation, said pool to bear the designation of South Kemnitz-Atoka-Morrow Gas Pool. Said South Kemnitz-Atoka-Morrow Gas Pool was discovered by the Tenneco Oil Company Kemnitz Deep Well No. 1 located in Unit G of Section 29, Township 16 South, Range 34 East, NMPM. It was completed in the Atoka-Morrow formation on March 8, 1978. The top of the perforations is at 12,611 feet.

(4) That there is need for certain extensions to the Cato-San Andres Pool and the Chaveroo-San Andres Pool, both in Chaves County, New Mexico, and the Angel1 Ranch-Morrow Gas Pool, the Box Canyon-Permo Pennsylvanian Gas Pool, the East Atoka-Morrow Gas Pool, the Boyd-Morrow Gas Pool, the North Cemetery-Wolfcamp Gas Pool, the South Culebra Bluff-Atoka Gas Pool, the Diamond Mound-Atoka Gas Pool, the Eagle Creek-Permo Pennsylvanian Gas Pool, the South Empire-Morrow Gas Pool, the West Indian Basin-Morrow Gas Pool, the North Loving-Morrow Gas Pool, the Penasco Draw-Atoka Gas Pool, the Penasco Draw-Morrow Gas Pool, the Penasco Draw-San Andres-Yeso Associated Pool, the Red Lake Pennsylvanian Gas Pool, the Shugart-Pennsylvanian Gas Pool, and the Travis-Upper Pennsylvanian Pool, all in Eddy County, New Mexico, and the Anderson Ranch-Morrow Gas Pool, the Antelope Ridge-Atoka Gas Pool, the South Brunson-Abo Pool, the Drinkard Pool, the South Eunice-San Andres Pool, the East Grama Ridge-Morrow Gas Pool, the Imperial Tubb-Drinkard Pool, the Kemnitz-Cisco Pool, the Langley-Ellenburger Gas Pool, the Langlie Mattix Pool, and the North Teague-Devonian Pool, all in Lea County, New Mexico, and the Bluitt-San Andres Associated Pool, the South Peterson-Fusselman Pool, the South Peterson-Pennsylvanian Pool, and the Tomahawk-San Andres Pool, all in Roosevelt County, New Mexico.

#### 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 Southwest Indian Flats-Morrow Gas Pool, consisting of the following described area:

> TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM Section 10: W/2

-2-CASE NO. 6705 ORDER NO.

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

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM Section 29: E/2

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

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM Section 3: S/2

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

> TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM Section 30: S/2

(e) That the Antelope Ridge-Atoka Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

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

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

> TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM Section 22: S/2 Section 23: S/2 Section 28: E/2

(g) That the Box Canyon-Permo Pennsylvanian Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 22 EAST, NMPM Section 7: S/2 Section 18: N/2

(h) 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 22: NE/4

(1) That the Boyd-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 12: W/2

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

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM Section 30: NE/4

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

TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM Section 4: NW/4

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

TOWNSHIP 20 SOUTH, RANGE 25 EAST, NMPM Section 18: All

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

> TOWNSHIP 8 SOUTH, RANGE 32 EAST, NMPM Section 3: NW/4

-3-CASE NO. 6705 ORDER NO.

(n) That the South Culebra Bluff-Atoka Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM Section 34: E/2

(o) That the Diamond Mound-Atoka Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 16 SOUTH, RANGE 27 EAST, NMPM Section 11: All

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

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM Section 18: SW/4

(q) That the Eagle Creek-Permo Pennsylvanian Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM Section 36: N/2

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

> TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM Section 19: N/2

(s) That the South Eunice-San Andres 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 12: SW/4

(t) That the East Grama Ridge-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM Section 35: N/2 Section 36: N/2 TOWNSHIP 22 SOUTH, RANGE 34 EAST, NMPM

Section 2: SW/4

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

> TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM Section 22: SW/4

(v) That the West Indian Basin-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 21 SOUTH, RANGE 22 EAST, NMTM Section 14: W/2

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

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM Section 8: SE/4 Section 9: SW/4

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

> TOWNSHIP 22 SOUTH, RANGE 36 EAST, NMPM Section 20: E/2

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

-4-CASE NO. 6705 ORDER NO.

# TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM Section 32: SW/4

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

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM Section 8: S/2 Section 16: E/2

(aa) That the Penasco Draw-Atoka Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM Section 21: W/2

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

> TOWNSHIP 18 SOUTH, RANGE 24 EAST, NMPM Section 25: S/2 Section 36: All

(cc) That the Penasco Draw-San Andres-Yeso Associated Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM Section 31: SE/4

(dd) That the South Peterson-Fusselman 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 30: SE/4

(ee) That the South Peterson-Pennsylvanian 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 31: N/2 SE/4 and S/2 NE/4

(ff) That the Red Lake-Pennsylvanian Gas 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 31: W/2

(gg) That the Shugart-Pennsylvanian Gas 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 27: W/2 Section 33: E/2 Section 34: W/2 and SE/4 Section 35: All

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

> TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM Section 21: NE/4

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

TOWNSHIP 7 SOUTH, RANCE 32 EAST, NMPM Section 31: SW/4 -5-CASE NO. 6705 ORDER NO.

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

> TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM Section 13: N/2 S/2

#### IT IS FURTHER ORDERED:

(1) That, pursuant to Section 70-2-18, NMSA 1978, 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 Division. 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 Division within said 60-day period shall subject the well to cancellation of allowable.

(2) That the effective date of this order and all creations, about the effective date of this order and all creations, about the effective date of this order and all creations, about the effective date of this order and all creations, about the effective date of this order and all creations, about the effective date of this order and all creations, about the effective date of this order and all creations, about the effective date of this order and all creations, about the effective date of this order and all creations, about the effective date of this order and all creations, about the effective date of the effective date of this order and all creations, about the effective date of the effective

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

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

JOE D. RAMEY Director

SEAL

#### STATE OF NEW MEXICO ENERGY AND MUNERALS DEPARTMENT OFL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

CASE		6705
ORDEF	NO.	R-6170

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

#### ORDER OF THE DIVISION

#### BY THE DIVISION:

3

This cause came on for hearing at 9:00 a.m. on October 17, 1979, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this \_\_\_\_\_\_ day of October, 1979, the Division Director, having considered the testimony, the record, and the reconcendations of the Examiner, and being fully advised in the premises,

#### FINDS:

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

(2) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Southwest Indian Flats-Morrow Gas Pool. Said Southwest Indian Flats-Morrow Gas Pool was discovered by the Perry R. Bass Big Eddy Unit Well No. 68 located in Unit K of Section 10, Township 22 South, Range 28 East, NMPM. It was completed in the Morrow formation on May 4, 1979. The top of the perforations is at 11,966 feet.

(3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Atoka-Morrow formation, said pool to bear the designation of South Kemnitz-Atoka-Morrow Gas Pool. Said South Kemnitz-Atoka-Morrow Gas Pool was discovered by the Tenneco Oil Company Kemnitz Deep Well No. 1 located in Unit G of Section 29, Township 16 South, Range 34 East, NMPM. It was completed in the Atoka-Morrow formation on March 8, 1978. The top of the perforations is at 12,611 feet.

(4) That there is need for certain extensions to the Cato-San Andres Pool and the Chaveroo-San Andres Pool, both in Chaves County, New Mexico, and the Angell Ranch-Morrow Gas Pool, the Box Canyon-Permo Pennsylvanian Gas Pool, the East Atoka-Morrow Gas Pool, the Boyd-Morrow Gas Pool, the North Cemetery-Wolfcamp Gas Pool, the South Culebra Bluff-Atoka Gas Pool, the Diamond Mound-Atoka Gas Pool, the Eagle Creek-Permo Pennsylvanian Gas Pool, the South Empire-Morrow Gas Pool, the West Indian Basin-Morrow Gas Pool, the North Loving-Morrow Gas Pool, the Penasco Draw-Atoka Gas Pool, the Penasco Draw-Morrow Gas Pool, the Penasco Draw-San Andres-Yeso Associated Pool, the Red Lake Pennsylvanian Gas Pool, the Shugart-Pennsylvanian Gas Pool, and the Travis-Upper Pennsylvanian Pool, all in Eddy County, New Mexico, and the Anderson Ranch-Morrow Gas Pool, the Antelope Ridge-Atoka Gas Pool, the South Brunson-Abo Pool, the Drinkard Pool, the South Eunice-San Andres Pool, the East Grama Ridge-Morrow Gas Pool, the Imperial Tubb-Drinkard Pool, the Kemnitz-Cisco Pool, the Langley-Ellenburger Gas Pool, the Langlie Mattix Pool, and the North Teague-Devonian Pool, all in Lea County, New Mexico, and the Bluitt-San Andres Associated Pool, the South Peterson-Fusselman Pool, the South Peterson-Pennsylvanian Pool, and the Tomahawk-San Andres Pool, all in Roosevelt County, New Mexico.

#### 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 Southwest Indian Flats-Morrow Gas Pool, consisting of the following described area:

> TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM Section 10: W/2

-2-CASE NO. 6705 ORDER' NO.

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

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM Section 29: E/2

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

> TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM Section 3: S/2

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

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM Section 30: S/2

(e) That the Antelope Ridge-Atoka Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

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

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

> TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM Section 22: S/2 Section 23: S/2 Section 28: E/2

(g) That the Box Canyon-Permo Pennsylvanian Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 22 EAST, NMPM Section 7: S/2 Section 18: N/2

(h) 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, MMPM Section 22: NE/4

(i) That the Boyd-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 12: W/2

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

TOWNSHIP 22	SOUTH,	RANGE	38	EAST,	NMPM
Section 30:	NE/4	· · · · ·			

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

TOWNSHIP 8 SOUTH, RANGE 30 FAST, NMPM Section 4: NW/4

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

TOWNSHIP 20 SOUTH, RANGE 25 EAST, NMPM Section 18: All

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

> TOWNSHIP 8 SOUTH, RANGE 32 EAST, NMPM Section 3: NN/4

-3-CASE NO. 6705 ORDER NO.

(n) That the South Culebra Bluff-Atoka Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

#### TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM Section 34: E/2

(o) That the Diamond Mound-Atoka Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 16 SOUTH, RANGE 27 EAST, NMPM Section 11: All

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

#### TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM Section 18: SW/4

(q) That the Eagle Creek-Permo Pennsylvanian Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM Section 36: N/2

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

> TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM Section 19: N/2

(s) That the South Eunice-San Andres 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 12: SW/4

(t) That the East Grama Ridge-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM Section 35: N/2 Section 36: N/2

> TOWNSHIP 22 SOUTH, RANGE 34 EAST, NMPM Section 2: SW/4

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

> TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM Section 22: SW/4

(v) That the West Indian Basin-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 21 SOUTH, RANGE 22 EAST, NMPM Section 14: W/2

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

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM Section 8: SE/4 Section 9: SW/4

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

> TOWNSHIP 22 SOUTH, RANGE 36 EAST, NMPM Section 20: E/2

(y) That the Langlie Mattix Pool in Lea County, New Mexico, as heretofore classified, defined, and described is hereby extended to include therein: CASE NO. 6705 ORDER NO.

## TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM Section 32: SW/4

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

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM Section 8: S/2 Section 16: E/2

(aa) That the Penasco Draw-Atoka Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

# TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM Section 21: W/2

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

> TOWNSHIP 18 SOUTH, RANGE 24 EAST, NMPM Section 25: S/2 Section 36: All

(cc) That the Penasco Draw-San Andres-Yeso Associated Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

#### TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM Section 31: SE/4

(dd) That the South Peterson-Fusselman 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 30: SE/4

(ee) That the South Peterson-Pennsylvanian 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 31: N/2 SE/4 and S/2 NE/4

(ff) / That the Red Lake-Pennsylvanian Gas 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 31: W/2

(gg) That the Shugart-Pennsylvanian Gas 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 27: W/2 Section 33: E/2 Section 34: W/2 and SE/4 Section 35: All

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

> TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM Section 21: NE/4

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

> TOWNSHIP 7 SOUTH, RANGE 32 EAST, MAPH Section 31: SW/4

-5-CASE RO. 6705 ORDER NO.

(jj) That the Travis-Upper Pennsylvanian Pool In Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein;

#### TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM Section 13: N/2 S/2

#### IT IS FURTHER ORDERED:

(1) That, pursuant to Section 70-2-18, NNSA 1978, 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 provation 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 Division. 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 Division within said 60-day period shall subject the well to cancellation of allowable.

(2) That the effective date of this order and all creations, abolishments, and extensions included herein shall be November 1, 1979.

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

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

JOE D. RAMEY Director

SEAL

Fage 3 of 6 Examiner Hearing - Wednesday - October 17, 1979

#### Docket No. 40-79

CASE 6705:

CASE 6487: (Continued from July 25, 1979, Examiner Hearing)

Application of El Paso Natural Gas Company for approval of infill drilling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks a valver of existing well-spacing requirements and a finding that the drilling of its Shell E State Com Well No. 2 located in Unit N of Section 6, Town-ship 21 South, Range 36 East, Eumont Gas Pool, Lea County, New Mexico, is necessary to effectively and efficiently drain that portion of the proration unit which cannot be so drained by the existing well.

CASE 6679: (Continued from October 2, 1979, Examiner Hearing)

> Application of El Paso Natural Gas Company for a gas storage unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Washington Ranch Morrow Unit Area comprising the Morrow formation and the first 100 feet immediately above and below said formation underlying all or parts of Sections 21 thru 23, 26 thru 29, and 32 thru 36, Township 25 South, Range 24 East; Sections 1 thru 5 and 9 thru 14, Township 26 South, Range 24 East; and Sections 6, 7, and 18, Township 26 South, Range 25 East, Washington Ranch-Morrow Gas Pool, Eddy County, New Mexico. Said unit area would be for the purpose of conducting a gas storage project and would comprise 12,158 acres, more or less, of State, federal and fee lands.

Application of El Paso Natural Gas Company for underground gas storage, Eddy County, New Mexico. CASE 6703: Applicant, in the above-styled cause, seeks authority to institute a gas storage project in the Morrow formation underlying its Washington Ranch Morrow Unit Area in Townships 25 and 26 South, Ranges 24 and 25 East, Washington Ranch-Morrow Gas Pool. Applicant further seeks the promulgation of rules governing the drilling and completion of wells going thru the Morrow formation and the first 100 feet immediately above and below said formation underlying the unit area into deeper formations, and the establishment of an administrative procedure for the consideration of exceptions to the Division's well spacing and casing and tubing requirements for its injection and withdrawal wells.

CASE 6704: Application of ARCO 011 and Gas Company for the amendment of Order No. R-6044, Eddy County, Mexico. Applicant, in the above-styled cause, seeks the amendment of Division Order No. R-6044 which authorized the drilling of a horizontal drainhole in the Empire-Abo Pool. Applicant proposes to amend the target area prescribed by said order for the drainhole,

In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating and extending certain pools in Chaves, Eddy, Lea, 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 Southwest Indian Plats-Morrow Gas Pool. The discovery well is Perry R. Bass Big Eddy Unit Well No. 68 located in Unit K of Section 10, Township 22 South, Range 28 East, NMPM. Said pool would comprise:

## TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM Section 10: W/2

(b) CREATE a new rool in Lea County, New Mexico, classified as a gas pool for Atoka-Morrow pro-duction and designed as the South Kemnitz Atoka-Morrow Gas Pool. The discovery well is Tenneco Oil Company Kemnitz Deep Well No. 1 located in Unit G of Section 29, Township 16 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM Section 29: E/2

(c) EXTEND the Anderson Ranch-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM Section 3: S/2

(d) EXTEND the Angell Ranch-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM Section 30: S/2

EXTEND the Antelope Ridge-Atoka Gas Pool in Les County, New Mexico, to include therein:

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

Page 4 of 6

Examiner Hearing - Wednesday - October 17, 1979

Docket No. 40-79

(f) EXTEND the East Atoka-Morrow Gas Pool in Eddy County, New Mexico, to include therein: TOWNSHIP 18 SOUTH, RANGE 27 PAST, MPM Section 22: 5/2 Section 23: 5/2 Section 28: E/2

(g) EXTEND the Box Canyon-Permo Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein: TOWNSHIP 21 SOUTH, RANGE 22 EAST, MMPM

Section 18: N/2

therein:

(h) EXTEND the Bluitt-San Andres Associated Pool in Roosevelt County, New Mexico, to include TOWNSHIP 8 SOUTH, RANGE 37 EAST, MMPM Section 22: NE/4 (1) EXTEND the Boyd-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 24 EAST, NMPM Section 12: W/2

(1) EXTEND the South Brunson-Abo Pool in Lea County, New Mexico, to include therein: TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM Section 30: NE/4

(k) EXTEND the Cato-San Andres Fool in Chaves County, New Mexico, to include therein: TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM Section 4: NW/4

(1) EXTEND the North Cemetery-Wolfcamp Gas Pool in Eddy County, New Mexico, to include therein: TOWNSHIP 20 SOUTH, RANGE 25 EAST, NMPM Section 18: All (m) EXTEND the Chaveroo-San Andres Pool in Chaves County, New Merico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 32 EAST, NMPM Section 3: NW/4 (n) EXTEND the South Culebra Bluff-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM Section 34; E/2

(o) EXTEND the Diamond Mound-Atoka Gas Pool in Eddy County, New Mexico, to include therein: TOWNSHIP 16 SOUTH, RANGE 27 EAST, NHPM Section 11: A11

(p) EXTEND the Drinkard Pool in Lea County, New Mexico, to include therein: TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM Section 18: SW/4

(q) EXTEND the Eagle Creek-Fermo Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein: TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM Section 36: N/2

(r) EXTEND the South Empire-Morrow Gas Pool in Eddy County, New Mexico, to include therein: TOWNSHIP 17 SOUTH, RANGE 29 EAST, MMPM

Page 5 of 6 Examiner Hearing - Wednesday - October 17, 1979

#### Docket No, 40-79

(s) EXTEND the South Eunice-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM Section 12: SW/4

(t) EXTEND the East Grama Ridge-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM Section 35: N/2 Section 36: N/2 TOWNSHIP 22 SOUTH, RANGE 34 EAST, NMPM Section 2: SW/4

(u) EXTEND the Imperial Tubb-Drinkard Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM Section 22: SW/4

(v) EXTEND the West Indian Basin-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 22 FAST, NMPM Section 14: W/2

(w) EXTEND the Kemnitz-Cisco Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM Section 8: SE/4 Section 9: SW/4

(x) EXTEND the Langlie-Ellenburger Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 36 EAST, NMPM Section 20: E/2

(y) EXTEND the Langlie Mattix Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM Section 32: SW/4

(z) EXTEND the North Loving-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM Section 8: S/2 Section 16: E/2

(aa) EXTEND the Penasco Draw-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM Section 21: W/2

(bb) EXTEND the Penasco Draw-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 24 EAST, NMPM Section 25: S/2 Section 36: All

(cc) EXTEND the Penasco Draw San Andres-Yeso Associated Pool in Eddy County, New Mexico, to include therein:

> TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM Section 31: SE/4

(dd) EXTEND the South Peterson-Fusselman Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM Section 30: SE/4

(ee) EXTEND the South Peterson-Pennsylvanian Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM Section 31: N/2 SE/4 and S/2 NE/4 Page 6 of 6 Examiner Hearing - Wednewlay - October 17, 1979

### Docket No. 40-79

(ff) EXTEND the Red Lake-Pennaylvanian Ges Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 27 FAST, NIPH Section 31: W/2

(88) EXTEND the Shugart-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, MAPA Section 27: W/2 Section 33: E/2 Section 34: W/2 and SE/4 Section 35: All

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

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM Section 21: NE/4

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

TOWNSHIP 7 SOUTH, RANGE 32 EAST, NMPM Section 31: SW/4

(jj) EXTEND the Travis-Upper Pennsylvanian Pool in Eddy County, New Mexico, to include therein:

B

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM Section 13: N/2 S/2
Docket No. 40-79

Dockets Nos. 41-79 and 42-79 are tentatively set for October 31 and November 14, 1979. Applications for hearing must be filed at least 22 days in advance of hearing date.

#### DUCKET: EXAMINER HEARING - WEDNESDAY - OCTOBER 17, 1979

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

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

ALLOWABLE: (1) Consideration of the allowable production of gas for November, 1979, from fifteen prorated pools in Lea, Eddy, and Chaves Counties, New Mexico.

- (2) Consideration of the allowable production of gas for November, 1979, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.
- CASE 6693: Application of Yates Petroleum Corporation for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of a Pennsylvanian test well to be located 1130 feet from the South line and 1300 feet from the East line of Section 30, Township 17 South, Range 26 East, the S/2 of said Section 30 to be dedicated to the well.
- CASE 6694: Application of Yates Petroleum Corporation for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp-Pennsylvanian formations underlying the S/2 of Section 35, Township 18 South, Range 25 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well 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 well and a charge for risk involved in drilling said well.
- CASE 6695: Application of Millard Deck Oil Company for a non-standard gas proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of an 80-acre non-standard gas proration unit comprising the NE/4 NW/4 and NW/4 NE/4 of Section 36, Township 24 South, Range 36 East, Jalmat Gas Pool, to be dedicated to a well to be drilled at a standard location thereon.
- CASE 6696: Application of R. Q. Silverthorne for an unorthodox oil well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of a Yates test well to be drilled 1310 feet from the South and West lines of Section 30, Township 18 South, Range 31 East, Shugart Pool.
- <u>CASE 6697</u>: Application of Conoco Inc. for an unorthodox location and dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion of its Wells B-1 Well No. 5 at an unorthodox Devonian location 1650 feet from the North Line and 660 feet from the East line of Section 1, Township 25 South, Range 36 East, to produce gas from the Devonian and Ellenburger formations, Custer Field, thru parallel strings of tubing, the E/2 of said Section 1 to be dedicated to the well.
- CASE 6671: (Continued from October 2, 1979, Examiner Hearing)

Application of Chapman and Schneider for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water in the Seven Rivers Reef formation in the open-hole interval from 3422 feet to 3504 feet in its I. B. Ogg "A" Well No. 3 located in Unit E of Section 35, Township 24 South, Range 36 East, Jalmat Pool.

CASE 6698:

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Application of Stevens Oil Company for compulsory pooling, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the San Andres formation underlying the NE/4 SW/4 of Section 30, Township 8 South, Range 29 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well 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 well and a charge for risk involved in drilling said well.

CASE 6699:

Application of Robert C. Anderson for two unorthodox gas well locations, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of his Ute Mountain Ute Well No. 1 located in the center of Unit L, and Well No. 3, located 2310 feet from the North and West lines, both in Section 14, Township 31 North, Range 16 West, the SW/4 of said Section 14 to be dedicated to Well No. 1 and the NW/4 to be dedicated to Well No. 3. Page 2 of 6 Examiner Hearing - Wednesday - October 17, 1979 Docket No. 40-7

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#### CASE 6680: (Continued from October 2, 1979, Examiner Hearing)

Application of Robert C. Anderson for surface commingling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the surface commingling of all production from his Ute Mountain Ute Lease, Wells Nos. 1, 3 and 4, located in Section 14, Township 31 North, Range 16 West.

CASE 6631: (Continued from August 22, 1979, Examiner Hearing)

Application of Reserve Oil, Inc. for downhole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of Jalmat gas and Langlie Mattix oil production in the wellbore of its Cooper Jal Unit Well No. 149-306 located in Unit J of Section 18, Yownship 24 South, Range 37 East.

CASE 6700:

Application of Doyle Hartuan for an unorthodox well location, a non-standard proration unit, and approval of infill drilling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of a 120-acre non-standard proration unit comprising the NW/4 NW/4 and S/2 NW/4 of Section 29, Township 25 South, Range 37 East, Jalmat Gas Pool, to be dedicated to a well to be drilled at an unorthodox location 2310 feet from the North line and 330 feet from the West line of said Section 29; applicant further seeks a waiver of existing well spacing requirements and a finding that the drilling of said well is necessary to effectively and efficiently drain that portion of the existing proration unit which cannot be so drained by the existing well,

CASE 6701:

Application of Doyle Hartman for compulsory pooling, non-standard gas proration unit, unorthodox well location, and approval of infill drilling, Lea County, New Mexico. Applicant, in the abovestyled cause, seeks an order pooling all mineral interests in the Seven Rivers-Queen formations underlying the SE/4 of Section 30, Township 21 South, Range 36 East, Eumont Gas Pool, to form a 160-acre non-standard gas proration unit to be dedicated to his J. K. Rector Well No. 1 at an unorthodox location 2310 feet from the South line and 330 feet from the East line of said Section 30. Also to be considered will be the cost of drilling and completing said well 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 well and a charge for risk in-volved in drilling said well. Applicant further seeks a waiver of existing well spacing requirements and a finding that the drilling of said well is necessary to effectively and efficiently drain that portion of the existing proration unit which cannot be so drained by the existing well.

#### CASE 6676:. (Continued from October 2, 1979, Examiner Hearing)

Application of Doyle Hartman for an unorthodox well location and a non-standard proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of an 80-acre non-standard gas proration unit comprising the SW/4 NE/4 and SE/4 NW/4 of Section 36, Township 24 South, Range 36 East, Jalmat Gas Pool, to be dedicated to a well to be drilled at an unorthodox location 2310 feet from the North line and 1650 feet from the East line of said Section 36.

#### CASE 6664: (Continued from September 19, 1979, Examiner Hearing)

Application of Doyle Hartman for an unorthodox well location, two non-standard proration units and approval of infill drilling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of a 40-acre non-standard proration unit comprising the NW/4 SW/4 of Section 27, Town-ship 25 South, Range 37 East, Jalmat Pool, to be dedicated to El Paso Natural Gas Company's Harrison Well No. 1, and also a 120-acre unit comprising the E/2 SW/4 and SW/4 SW/4 of said Section 27 to be dedicated to a well to be drilled at an unorthodox location 330 feet from the South and West lines of the section; applicant further seeks a waiver of existing well spacing requirements and a finding that the drilling of said well is necessary to effectively and efficiently drain that portion of an existing proration unit which cannot be so drained by the existing well.

CASE 6662:

(Continued from September 19, 1979, Examiner Hearing)

Application of Supron Energy Corporation for a dual completion and downhole commingling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion of its Jicarilla "A" Well No. 22Y located in Unit K of Section 24, Township 26 North, Range 4 West, to produce gas from the Blanco Mesaverde Pool through tubing and to commingle and produce the Wildhorse Gallup and Basin-Dakota zones through a parallel tubing string.

CASE 6702:

Application of El Paso Natural Gas Company for downhole commingling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of South Blanco-Pictured Cliffs and Blanco Mesaverde production in the wellbore of its San Juan 27-5 Unit Well No. 67 located in Unit B of Section 31, Township 27 North, Range 5 West.



CASE NO. 6705 (b) CREATION OF A NEW GAS POOL



Top of perfs 12,611'.

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## CASE NO. 6705(c) EXTENSION OF AN EXISTING CAS POOL

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#### COULTY LEA ANTELOPE RIDGE-ATOKA CAS POOL 23 South 34 East WATCHIE RANGE NMEM S 3 6 4 10 - 11 -12 8 g 18-17 - 16 - 15 -14 13 20 19 21 22 24 25 30 29 28 27 26 31-32 33 34 35 36 PURPOSE: One completed gas well capable of producing. Natomas North America, Inc. State 23 Com Well #1 located in Unit N of Section 23, T23S, R34E, completed June 11, 1979, in the Atoka formation. Top of perforations 12,903 feet. Pool boundary outlined in red. Proposed pool extension outlined in green. SECTION 23: S/2 Ð $\dot{c}$ 1 Ġ. ÷Ť ۰.

CASE NO. 6705 (c) EXTENSION OF AN EXISTING GAS POOL

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#### CASE NO. 6705 (h) EXTENSION OF AN EXISTING ASSOCIATED POOL



BLUITT-SAN ANDRES ASSOCIATED ROOSEVELT

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## CASE NO. 6705 (j) EXTENSION OF AN EXISTING OIL POOL

## COULTY LEA FOOL SOUTH BRUNSON-ABO

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Gulf Oil Corporation Vivian Well #4 in Unit H, Section 30, T22S, R38E, completed August 13, 1979, in the Abo formation. Top of perfs 6909 feet.

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13

Pool boundary outlined in red. 20 Proposed pool extension outlined in green. SECTION 30: NE/4

#### CASE NO. 6705 (k) EXTENSION OF AN EXISTING OIL POOL

#### CHAVES CATO-SAN ANDRES POOL 20.211 8 South RAN (E 30 East EMIN - 11 10 i -18-- 16 15 14 3 21 19 22 23 24 27 -30 28. 25 2 26 1 31-32 33 4 35 36 PURPOSE: One completed oil well capable of producing. Harvey E. Yates Company North Cato Well #1 in Unit E of Section 4, T8S,R30E,

completed August 5, 1979, in the San Andres formation. Top of perfs 3135 ft.

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Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 4: NW/4

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## CASE NO. 6705 (m) EXTENSION OF AN EXISTING OIL POOL

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CASE NO. 6705 (o) EXTENSION OF AN EXISTING CAS POOL

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CASE NO. 6705 (r) EXTENSION OF AN EXISTING GAS POOL

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## CASE NO. 6705 (s) EXTENSION OF AN EXISTING OIL POOL

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Proposed pool extension outlined in green. SECTION 2: SW/2

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CASE NO. 6705 (t) EXTENSION OF AN EXISTING GAS POOL Contd. Page

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Page 2 of 2 pages

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## CASE NO. 6705 (u) EXTENSION OF AN EXISTING OIL POOL

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### CASE NO. 6705 (y) EXTENSION OF AN EXISTING OIL POOL

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PURPOSE: One completed oil well capable of producing. Gulf Oil Corporation Arnott Ramsay (NCT-B) Well #8 in Unit N Section 32,

T25S, R37E, completed July 19, 1979, in the Seven Rivers-Queen formation. Top of perforations 3334 feet.

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Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 32: SW/4







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### ROOSEVELT SOUTH PETERSON-FUSSELMAN COURTY FOOL 5 South 33 East MIGHI RANGE MREM 5 2 8 9 10 11 12 ٦ 18 - ).6 -15 14 13 17 -19 - 20 --21. 22-23 24 29 28 - 26 -27 25 32 - 33 - 34 35 36 31 PURPOSE: One completed oil well capable of producing. Enserch Exploration, Inc. Lambirth Well #7 in Unit P, Section 30, T5S, R33E, completed June 12, 1979, in the Fusselman formation. Pool boundary outlined in red. Proposed pool extension outlined in green. SECTION 30: SE/4

CASE NO. 6705 (dd) EXTENSION OF AN EXISTING OIL POOL

## CASE NO. 6705 (ce) EXTENSION OF AN EXISTING OIL POOL

COUNTY	ROOSEVELT	FOOL	SOUTH PETERSO	DN-PENNSYLVANIAN	
TOWNSHIP	5 South	RANGE 33	8 East	NMEM	
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erch Exp pleted A 2 feet.	ioration, In	nc. Lambirth 979, in the		oducing. Unit G, Section 31, T n formation. Top of p	
posed poo	ol extension	n outlined i	in green. SEC	CTION 31: N/2 SE/4 ar	nd s/2

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<b>)</b>	CASE NO. 6703 COUNTY	<b>(58) Extension of A</b> N Eddy Pool S	<b>EXISTING GAS FOOL</b> hugart-Penn. Gas		
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	TOWNSHI P	185 RANGE 3	1E NMPM		
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rpose	- four co	mpleted gas wells ca	pable of producing	the second present and the second second	
Opera		Lease	#-UtS.T.R.	Comp. Form.	TOP
opora			1. 00. 0.1.1.	comp. rorm.	IUF
	&G Corp.		<u>1-H-33-18-31</u>		1186
	rod. Co.	Greenwood Pre-Grbg.	Jt. 10-L-27-18-31 Jt. 11-L-34-18-31	3-9-79 Morrow	1159
	rod. Co.		Jt. 11-L-34-18-31 Jt. 12-F-35-18-31		1185 1149
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ol bo	undary out	lined in red.			
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орове	l extension	n outlined in blue:		an an an an an an an an an an an an an a	
		Sec. 27: W/2		2	
4		Sec. 33: E/2			
	•	Sec 34 - W/2 C CE /A	3	and the second second second second second second second second second second second second second second second	1.1
		Sec. 34: W/2 & SE/4 Sec. 35: All	5		

O ULTRY LEA NORTH TEAGUE-DEVONIAN POOL 23 South RANGE 37 East WNSEDI NMEM 5 10 a -11--12 R 1.8 17 -16 15 14 13. -19 20 2 23 24 30 29 28 26 25 31. 32 33 34 35 36 PURPOSE: One completed oil well capable of producing. Gulf Oil Corporation C.E. LaMunyon Well #49 in Unit H, Section 21, T23S,R37E, completed September 1, 1979, in the Devonian formation. Top of perfs 7326 ft. Pool boundary outlined in red. Proposed pool extension outlined in green. SECTION 21: NE/4

## CASE NO. 6705 (bh) EXTENSION OF AN EXISTING OIL POOL

# EXTENSION OF AN EXISTING OIL POOL

	ROOSEVELT	FOOL	TOMAHAI	₹K-SAN ANDRES		
COULTY	7 South	RANGE	32 Ea	st NMMM		
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comple	ce Oil Company	y Cone 1 , 1979,	in the	capable of prod Well #13 in Uni San Andres form	nation. Top	31. T7S. R34
comple	eted August Ji	., 17,77		Well #14 in Uni San Andres form		2
Pool   Propo	boundary outl sed pool exte	nsion ou	itlined	in green. SECT	ION 31: SW	/4
		)				

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#### NOMENCLATURE ADVERTISEMENT FOR OCTOBER, 1979 CASE NO. 6705

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

(a) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Southwest Indian Flats-Morrow Gas Pool. The discovery well is Perry R. Bass, Big Eddy Unit Well No. 68 located in Unit K of Section 10, Township 22 South, Range 28 East, NMPM. Said pool would comprise:

#### TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM Section 10: W/2

(b) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka-Morrow production and designated as the South Kemnitz/Atoka-Morrow Gas Pool. The discovery well is Tenneco Oil Company Kemnitz Deep Well No. 1 located in Unit G of Section 29, Township 16 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM Section 29: E/2

(c) EXTEND the Anderson Ranch-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM 🛩 Section 3: S/2

(d) EXTEND the Angell Ranch-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM 4 Section 30: S/2

(e) EXTEND the Antelope Ridge-Atoka Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM -Section 23: S/2

(f) EXTEND the East Atoka-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM Section 22: S/2 Section 23: S/2

Section 28: E/2

Section 30: NE/4

(g) EXTEND the Box Canyon-Permo Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

> TOWNSHIP 21 SOUTH, RANGE 22 EAST, NMPM Section 7: S/2 Section 18: N/2

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

> TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM ' Section 22: NE/4

(i) EXTEND the Boyd-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 24 EAST, NMPM " Section 12: W/2

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM

(j) EXTEND the South Brunson-Abo Pool in Lea County, New Mexico, to include therein:

OIL CONSERVATION DIVISION SANTA FE

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Nomenclature Advertisement for October, 1979

(k) EXTEND the Cato-San Andres Pool in Chaves County, New Mexico, to include

### TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM Section 4: NW/4

(1) EXTEND the North Cemetery-Wolfcamp Gas Pool in Eddy County, New Mexico, to

# TOWNSHIP 20 SOUTH, RANGE 25 EAST, NMPM Section 18: All

(m) EXTEND the Chaveroo-San Andres Pool in Chaves County, New Mexico, to include TOWNSHIP 8 SOUTH, RANGE 32 EAST, NMPM Section 3: NW/4

(n) EXTEND the South Culebra Bluff-Atoka Gas Pool in Eddy County, New Mexico,

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM Section 34: E/2

(o) EXTEND the Diamond Mound-Atoka Gas Pool in Eddy County, New Mexico, to include TOWNSHIP 16 SOUTH, RANGE 27 EAST, NMPM

(p) EXTEND the Drinkard Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM Section 18: SW/4 1----

(q) EXTEND the Eagle Creek-Permo Pennsylvanian Gas Pool in Eddy County, New Mexico,

TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM Section 36: N/2

(r) EXTEND the South Empire-Morrow Gas Pool in Eddy County, New Mexico, to include TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM

(s) EXTEND the South Eunice-San Andres Pool in Lea County, New Mexico, to include TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM Section 12: SW/4

(t) EXTEND the East Grama Ridge-Morrow Gas Pool in Lea County, New Mexico, to

OK

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM Section 35: N/2 Section 36: N/2

TOWNSHIP 22 SOUTH, RANGE 34 EAST, NMPM Section 2: SW/4

(u) EXTEND the Imperial-Tubb-Drinkard Pool in Lea County, New Mexico, to include TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM

(v) EXTEND the West Indian Basin-Morrow Gas Pool in Eddy County, New Mexico, to

TOWNSHIP 21 SOUTH, RANGE 22 EAST, NMPM Section 14: W/2

(w) EXTEND the Kemnitz-Cisco Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM Section 9: SW/4 Section 8: SE/4

Nomenclature Advertisement for October, 1979

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(x) EXTEND the Langlie-Ellenburger Gas Pool in Lea County, New Mexico, to include therein: <u>TOWNSHIP 22 SOUTH, RANGE 36 EAST, NMPM</u> Section 20: E/2

(y) EXTEND the Langlie Mattix Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 25	SOUTH,	RANGE	37	EAST,	NMPM	L
Section 32:	SW/4					

(z) EXTEND the North Loving-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM ' Section 8: S/2 Section 16: E/2

(aa) EXTEND the Penasco Draw-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM Section 21: W/2

(bb) EXTEND the Penasco Draw-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 24 EAST, NMPM V Section 25: S/2 Section 36: All

(cc) EXTEND the Penasco Draw-San Andres-Yeso Associated Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM ~ Section 31: SE/4

(dd) EXTEND the South Peterson-Fusselman Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM ~ Section 30: SE/4

(ee) EXTEND the South Peterson-Pennsylvanian Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM Section 31: N/2 SE/4 and S/2 NE/4

(ff) EXTEND the Red Lake-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM Section 31: W/2

(gg) EXTEND the Shugart-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18	SOUTH,	RANGE	31	EAST,	NMPM	•
Section 27:	W/2 -					
Section 33:	E/2	<b></b>			-	
Section 34:	W/2.	SE/4				
Section 35:						

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

TUWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM Section 21: NE/4

Nomenclature Advertisement for October, 1979

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

TOWNSHIP 7 SOUTH, RANGE 32 EAST, NMPM Section 31: SW/4

(jj) EXTEND the Travis-Upper Pennsylvanian Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM Section 13: N/2 S/2

#### NOMENCLATURE ADVERTISEMENT FOR OCTOBER, 1979 CASE NO. <u>6705</u>

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

(a) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Southwest Indian Flats-Morrow Gas Pool. The discovery well is Perry R. Bass, Big Eddy Unit Well No. 68 located in Unit K of Section 10, Township 22 South, Range 28 East, NMPM. Said pool would comprise:

#### TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM Section 10: W/2

(b) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka-Morrow production and designated as the South Kemnitz-Atoka-Morrow Gas Pool. The discovery well is Tenneco Oil Company Kemnitz Deep Well No. 1 located in Unit G of Section 29, Township 16 South, Range 34 East, NMPM. Said pool would comprise:

#### TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM Section 29: E/2

(c) EXTEND the Anderson Ranch-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM Section 3: S/2

(d) EXTEND the Angell Ranch-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM Section 30: S/2

(e) EXTEND the Antelope Ridge-Atoka Gas Pool in Lea County, New Mexico, to include therein:

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

(f) EXTEND the East Atoka-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM

Section	22:	5/2
Section	23:	S/2
Section	28:	E/2

(g) EXTEND the Box Canyon-Permo Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 22 EAST, NMPM Section 7: S/2 Section 18: N/2

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

TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM Section 22: NE/4

(i) EXTEND the Boyd-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 24 EAST, NMPM Section 12: W/2

(j) EXTEND the South Brunson-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 33 EAST, NMPM Section 30: NE/4 -2-

Nomenclature Advertisement for October, 1979

(k) EXTEND the Cato-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM Section 4: NW/4

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(1) EXTEND the North Cemetery-Wolfcamp Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 25 EAST, NMPM Section 18: All

(m) EXTEND the Chaveroo-San Andres Pool in Chaves County, New Mexico, to include therein: <u>TOWNSHIP 8 SOUTH, RANGE 32 EAST, NMPM</u>

Section 3: NW/4

(n) EXTEND the South Culebra Bluff-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM Section 34: E/2

(o) EXTEND the Diamond Mound-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 27 EAST, NMPM Section 11: All

(p) EXTEND the Drinkard Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM Section 18: SW/4

(q) EXTEND the Eagle Creek-Permo Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM Section 36: N/2

(r) EXTEND the South Empire-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM Section 19: N/2

(s) EXTEND the South Eunice-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM Section 12: SW/4

(t) EXTEND the East Grama Ridge-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM Section 35: N/2 Section 36: N/2

TOWNSHIP 22 SOUTH, RANGE 34 EAST, NMPM Section 2: SW/4

(u) EXTEND the Imperial-Tubb-Drinkard Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM Section 22: SW/4

(v) EXTEND the West Indian Basin-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 22 EAST, NMPM Section 14: W/2

(w) EXTEND the Kemnitz-Cisco Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH. RANGE 34 EAST. NMPM Section 9: SW/4 Section 8: SE/4 -3-

Nomenclature Advertisement for October, 1979

(x) EXTEND the Langlie-Ellenburger Gas Pool in Lea County, New Mexico, to include therein: <u>TOWNSHIP 22 SOUTH, RANGE 36 EAST, NMPM</u> Section 20: E/2

(y) EXTEND the Langlie Mattix Pool in Lea County, New Mexico, to include therein:

TOWNSHIP	25	SOUTH,	RANGE	37	EAST,	NMPH
Section :	32:	SW/4				-

(z) EXTEND the North Loving-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM Section 8: S/2 Section 16: E/2

(aa) EXTEND the Penasco Draw-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM Section 21: W/2

(bb) EXTEND the Penasco Draw-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 24 EAST, NMPM Section 25: S/2 Section 36: All

(cc) EXTEND the Penasco Draw-San Andres-Yeso Associated Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM Section 31: SE/4

(dd) EXTEND the South Peterson-Fusselman Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM Section 30: SE/4

(ee) EXTEND the South Peterson-Pennsylvanian Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM Section 31: N/2 SE/4 and S/2 NE/4

(ff) EXTEND the Red Lake-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM Section 31: W/2

(gg) EXTEND the Shugart-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18	SOUTH,	RANGE	31	EAST,	NMPM
Section 27:					
Section 33:	E/2				
Section 34:	W/2,	SE/4			
Section 35:	AII				

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

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TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM Section 21: NE/4 Nomenclature Advertisement for October, 1979

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

TOWNSHIP 7 SOUTH, RANGE 32 EAST, NMPM Section 31: SW/4

(jj) EXTEND the Travis-Upper Pennsylvanian Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM Section 13: N/2 S/2