

CASE 4864:

SOUTHEASTERN NEW MEXICO  
NOMENCLATURE

-ase Number

4864

Application  
Transcripts.

Small Exhibits

ETC.

dearnley, meier & mc cormick reporting service, inc.

209 SIMMS BLDG. P.O. BOX 1092 • PHONE 243-4991 • ALBUQUERQUE, NEW MEXICO 87103  
1216 FIRST NATIONAL BANK BLDG. EAST • ALBUQUERQUE, NEW MEXICO 87108

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BEFORE THE  
NEW MEXICO OIL CONSERVATION COMMISSION  
OIL CONSERVATION COMMISSION CONFERENCE ROOM,  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO  
Tuesday, November 14, 1972

EXAMINER HEARING

IN THE MATTER OF:

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

)  
)  
)  
) Case No. 4864  
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)  
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TRANSCRIPT OF HEARING

MR. NUTTER: We will call the next case, Case No.

4864, Southeastern New Mexico nomenclature case calling for an order for the creation and extension of certain pools in Chaves, Eddy and Lea Counties, New Mexico.

JAMES KAPTEINA,

a witness, having been first duly sworn according to law, upon his oath, testified as follows:

DIRECT EXAMINATION

BY MR. NUTTER:

Q Would you please state your name?

A James Kapteina, Petroleum Engineer for the New Mexico Oil Conservation Commission.

Q Mr. Kapteina, in your capacity as an engineer for the Oil Conservation Commission, is it one of your jobs to prepare a nomenclature case for the creation and extension and abolishment of certain pools in the State of New Mexico?

A Yes, sir, it is.

Q And are you prepared today to present testimony and an exhibit in Case No. 4864?

A I am prepared to give testimony in Case 4864.

Q Would you summarize your recommendations in this case and point out any differences that the exhibit you will present in this case will differ from the docket which has been prepared for the case?

1 A All right. I have Exhibit 1, Paragraphs A through T and  
2 the exhibit is the same as the docket; there are no  
3 changes.

4 Q So all the nomenclature which is presented on the docket  
5 for this hearing today is identical to that which you  
6 propose and which is demonstrated on Exhibit 1 in Case  
7 No. 4864?

8 A Yes, sir, that's correct.

9 Q Has that exhibit been identified, Mr. Kapteina?

10 A This is Exhibit 1, I believe it has.

11 Q Now, what are you offering there, Mr. Kapteina?

12 A Exhibit 1 in Case 4864.

13 MR. NUTTER: Exhibit 1 in Case 4864 will be admitted  
14 in evidence.

15 Are there any questions of Mr. Kapteina?

16 (No response.)

17 MR. NUTTER: He may be excused.

18 Does anyone have anything they wish to offer in  
19 Case 4864?

20 (No response.)

21 MR. NUTTER: We will take the case under advisement  
22 and the hearing is adjourned.

23

24

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1216 FIRST NATIONAL BANK BLDG. EAST-ALBUQUERQUE. NEW MEXICO 87108  
1209 SIMMS BLDG.-P.O. BOX 1092-PHONE 233-6991-ALBUQUERQUE. NEW MEXICO 87103

*[Signature]*, Examiner  
New Mexico Oil Conservation Commission

## NEW MEXICO OIL CONSERVATION COMMISSION

## EXAMINER HEARING

SANTA FE, NEW MEXICOHearing Date NOVEMBER 14, 1972TIME: 9 A.M.

NAME	REPRESENTING	LOCATION
E. R. Manning	El Paso Natural Gas	El Paso.
Bill Foster	Gulf Oil Corp.	Midland
Bob Fuller	" " "	"
E. D. Kallinger	" " "	"
J. L. Hutchison	" " "	"
E. M. SCHOLL	Monsanto Co.	Midland
N. S. S. S. S.	Rio Pecos	SF
E. J. Motter	Citrus Service Oil Co.	MIDLAND-
V. T. LYON	Continental Oil Co	Hobbs







BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

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

CASE NO. 4864  
Order No. R-4437

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:00 a.m. on November 14, 1972, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 16th day of November, 1972, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

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

(2) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Canyon formation, said pool to bear the designation of South Carlsbad-Canyon Gas Pool. Said South Carlsbad-Canyon Gas Pool was discovered by the Phillips Petroleum Company Drag B Well No. 1, located in Unit K of Section 18, Township 23 South, Range 27 East, NMPM. It was completed in the Canyon formation on August 7, 1972. The top of the perforations is at 10,280 feet.

(3) That there is need for the creation of a new gas pool in Lea County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Hat Mesa-Morrow Gas Pool. Said Hat Mesa-Morrow Gas Pool was discovered by the Phillips Petroleum Company Hat Mesa Well No. 1, located in Unit G of Section 11, Township 21 South, Range 32 East, NMPM. It was completed in the Morrow formation on December 7, 1967. The top of the perforations is at 13,656 feet.

(4) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Rocky Arroyo-Morrow Gas Pool. Said Rocky Arroyo-Morrow Gas Pool was discovered by the El Paso Natural Gas Company Rocky Arroyo Well No. 1, located in Unit J of Section 8, Township 22 South, Range 22 East, NMPM. It was completed in the Morrow formation on November 10, 1971. The top of the perforations is at 8,956 feet.

(5) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Wolfcamp formation, said pool to bear the designation of Rocky Arroyo-Wolfcamp Gas Pool. Said Rocky Arroyo-Wolfcamp Gas Pool was discovered by the El Paso Natural Gas Company Rocky Arroyo Well No. 1, located in Unit J of Section 8, Township 22 South, Range 22 East, NMPM. It was completed in the Wolfcamp formation on November 10, 1971. The top of the perforations is at 6,563 feet.

(6) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Atoka and Morrow formations, said pool to bear the designation of South Sand Dunes-Lower Pennsylvanian Gas Pool. Said South Sand Dunes-Lower Pennsylvanian Gas Pool was discovered by the El Paso Natural Gas Company Sundance Federal Well No. 1, located in Unit F of Section 4, Township 24 South, Range 31 East, NMPM. It was completed in the Atoka and Morrow formations on June 22, 1972. The top of the perforations is at 13,691 feet.

(7) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Winchester-Morrow Gas Pool. Said Winchester-Morrow Gas Pool was discovered by the Penroc Oil Corporation Dero Federal Well No. 1, located in Unit P of Section 35, Township 19 South, Range 28 East, NMPM. It was completed in the Morrow formation on June 20, 1972. The top of the perforations is at 10,769 feet.

(8) That there is need for certain extensions to the Buffalo Valley-Pennsylvanian Gas Pool, the East Chisum-San Andres Pool, and the Haystack-Cisco Gas Pool, all in Chaves County, New Mexico, the South Carlsbad-Morrow Gas Pool, the Grayburg-Jackson Pool, the Penasco Draw San Andres-Yeso Pool, the Red Lake Queen-Grayburg-San Andres Pool, the Shugart Pool, the Washington Ranch-Morrow Gas Pool, and the White City-Pennsylvanian Gas Pool, all in Eddy County, New Mexico, the Blinebry Gas Pool, the North Eunice-San Andres Gas Pool, the East Shoe Bar-Devonian Pool, and the West Tres Papalotes-Pennsylvanian Pool, all in Lea County, New Mexico.

-3-

Case No. 4864  
Order No. R-4437

IT IS THEREFORE ORDERED:

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

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

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

TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPM  
Section 11: E/2

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

TOWNSHIP 22 SOUTH, RANGE 22 EAST, NMPM  
Section 8: E/2  
Section 17: N/2

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

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

(e) That a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka and Morrow production, is hereby created and designated as the South Sand Dunes-Lower Pennsylvanian Gas Pool, consisting of the following described area:

TOWNSHIP 24 SOUTH, RANGE 31 EAST, NMPM  
Section 4: N/2

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

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM  
Section 35: S/2

-4-

Case No. 4864  
Order No. R-4437

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

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM  
Section 25: SW/4

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

TOWNSHIP 15 SOUTH, RANGE 28 EAST, NMPM  
Section 7: S/2  
Section 18: N/2

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

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

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

TOWNSHIP 11 SOUTH, RANGE 28 EAST, NMPM  
Section 16: NW/4 NE/4

(k) That the North Eunice-San Andres Gas 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 17: NW/4  
Section 18: NE/4

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

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
Section 7: SE/4

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

TOWNSHIP 6 SOUTH, RANGE 27 EAST, NMPM  
Section 9: All  
Section 16: N/2

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

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM  
Section 5: SW/4  
Section 6: S/2

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

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM  
Section 23: SE/4 NW/4, NE/4 SW/4, and  
N/2 SE/4  
Section 24: SE/4 and N/2 SW/4

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

TOWNSHIP 16 SOUTH, RANGE 36 EAST, NMPM  
Section 29: NW/4

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

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM  
Section 36: NW/4

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

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM  
Section 30: NE/4

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

TOWNSHIP 26 SOUTH, RANGE 24 EAST, NMPM  
Section 2: W/2  
Section 11: All

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

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM  
Section 32: All

-6-

Case No. 4864  
Order No. R-4437

IT IS FURTHER ORDERED:

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

(2) That the effective date of this order and all creations and extensions included herein shall be December 1, 1972.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION



*Bruce King*  
BRUCE KING, Chairman

*Alex J. Armijo*  
ALEX J. ARMILLO, Member

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

S E A L

dr/

#### NEW POOLS

- a) It is recommended that a new gas pool be created and designated as the SOUTH CARSBAD-CANYON GAS Pool.

Vertical limits to be the Canyon formation and the horizontal limits should be as follows: As shown in Paragraph (a), Exhibit I

Discovery well was Phillips Petroleum Company - Drag B #1 located in Unit K Section 18 Township 23 Range 27 and was completed on August 7, 1972. Top of perforations is at 10,280 feet.

- b) It is recommended that a new gas pool be created and designated as the HAT MESA-MORROW GAS Pool.

Vertical limits to be the Morrow formation and the horizontal limits should be as follows: As shown in Paragraph (b), Exhibit I

Discovery well was Phillips Petroleum Company - Hat Mesa #1 located in Unit G Section 11 Township 21 Range 32 and was completed on December 7, 1967. Top of perforations is at 13,656 feet.

- c) It is recommended that a new gas pool be created and designated as the ROCKY ARROYO-MORROW GAS Pool.

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

Discovery well was El Paso Natural Gas Company - Rocky Arroyo #1 located in Unit J Section 8 Township 22 Range 22 and was completed on November 10, 1971. Top of perforations is at 8956 feet.



#### NEW POOLS

- d) It is recommended that a new gas pool be created and designated as the ROCKY ARROYO-WOLF CAMP GAS Pool.

Vertical limits to be the Wolfcamp formation and the horizontal limits should be as follows: As shown in Paragraph (d), Exhibit I

Discovery well was El Paso Natural Gas Company - Rocky Arroyo #1 located in Unit J Section 8 Township 22 Range 22 and was completed on November 10, 1971. Top of perforations is at 6563 feet.

- e) It is recommended that a new gas pool be created and designated as the SOUTH SAND DUNES-LOWER PENNSYLVANIA Pool.

Vertical limits to be the GAS Atoka and Morrow formation and the horizontal limits should be as follows: As shown in Paragraph (e), Exhibit I

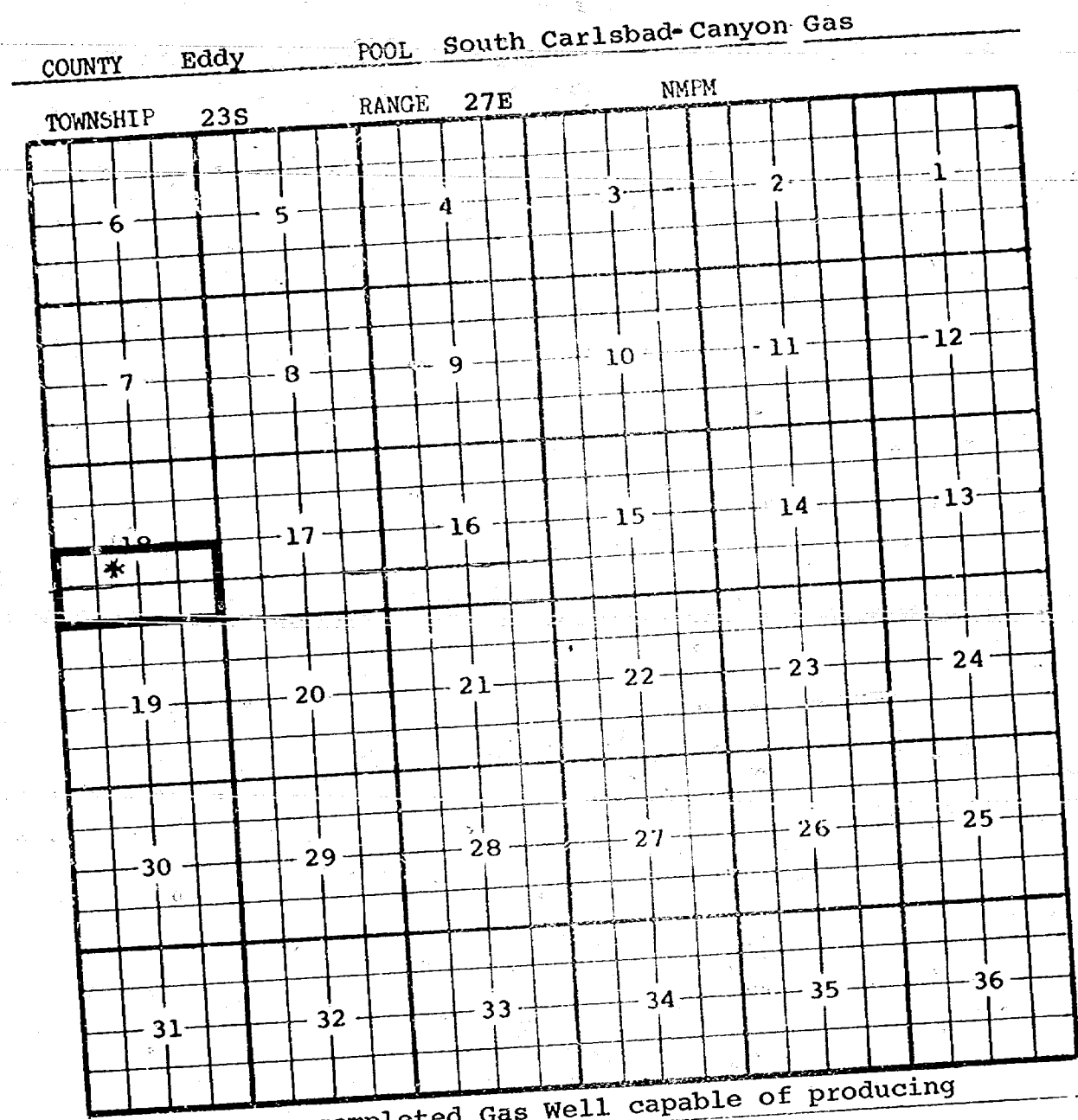
Discovery well was El Paso Natural Gas Company - Sundance Federal #1 located in Unit F Section 4 Township 24 Range 31 and was completed on June 22, 1972. Top of perforations is at 13,691 feet.

- f) It is recommended that a new gas pool be created and designated as the WINCHESTER-MORROW GAS Pool.

Vertical limits to be the Morrow formation and the horizontal limits should be as follows: As shown in Paragraph (f), Exhibit I

Discovery well was Penroc Oil Corporation - Dero Federal #1 located in Unit p Section 35 Township 19 Range 28 and was completed on June 20, 1972. Top of perforations is at 10,769 feet.

CASE 4864: (a) CREATION OF A NEW GAS POOL



Purpose: One completed Gas Well capable of producing

Discovery Well: Phillips Petroleum Co. Drag B #1 located in  
Unit K Sec. 18 T-23S R-27E completed 8-7-72 through Canyon  
perforations from 10280-300

Proposed Pool boundary outlined in green.

Sec. 18: S/2

CASE 4864: (b) CREATION OF A NEW GAS POOL

COUNTY LEA POOL HAT MESA-MORROW GAS

TOWNSHIP 21 South RANGE 32 East NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: One completed gas well capable of producing.

PHILLIPS PETROLEUM COMPANY - Hat Mesa #1 in Unit G of Section 11-21-32.

Completed in Morrow on December 7, 1967. Top of Perforations 13,656'.

Proposed pool boundary colored in red. SECTION 11: E/2

CASE 4864: (c) CREATION OF A NEW GAS POOL

COUNTY	Eddy		POOL	Rocky Arroyo-Morrow Gas	
TOWNSHIP	22S		RANGE	22E	
				NMFM	
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Purpose: Two completed Gas Well capable of producing

Discovery Well: El Paso Natural Gas Co. Rocky Arroyo #1-located  
in Unit J-Sec. 8 T22S R-22E Completed 11-10-71 through Morrow  
Perforations from 8956-65.

Proposed pool boundary outlined in green

Sec. 8: E/2  
Sec. 17: N/2

CASE 4864: (d) CREATION OF A NEW GAS POOL

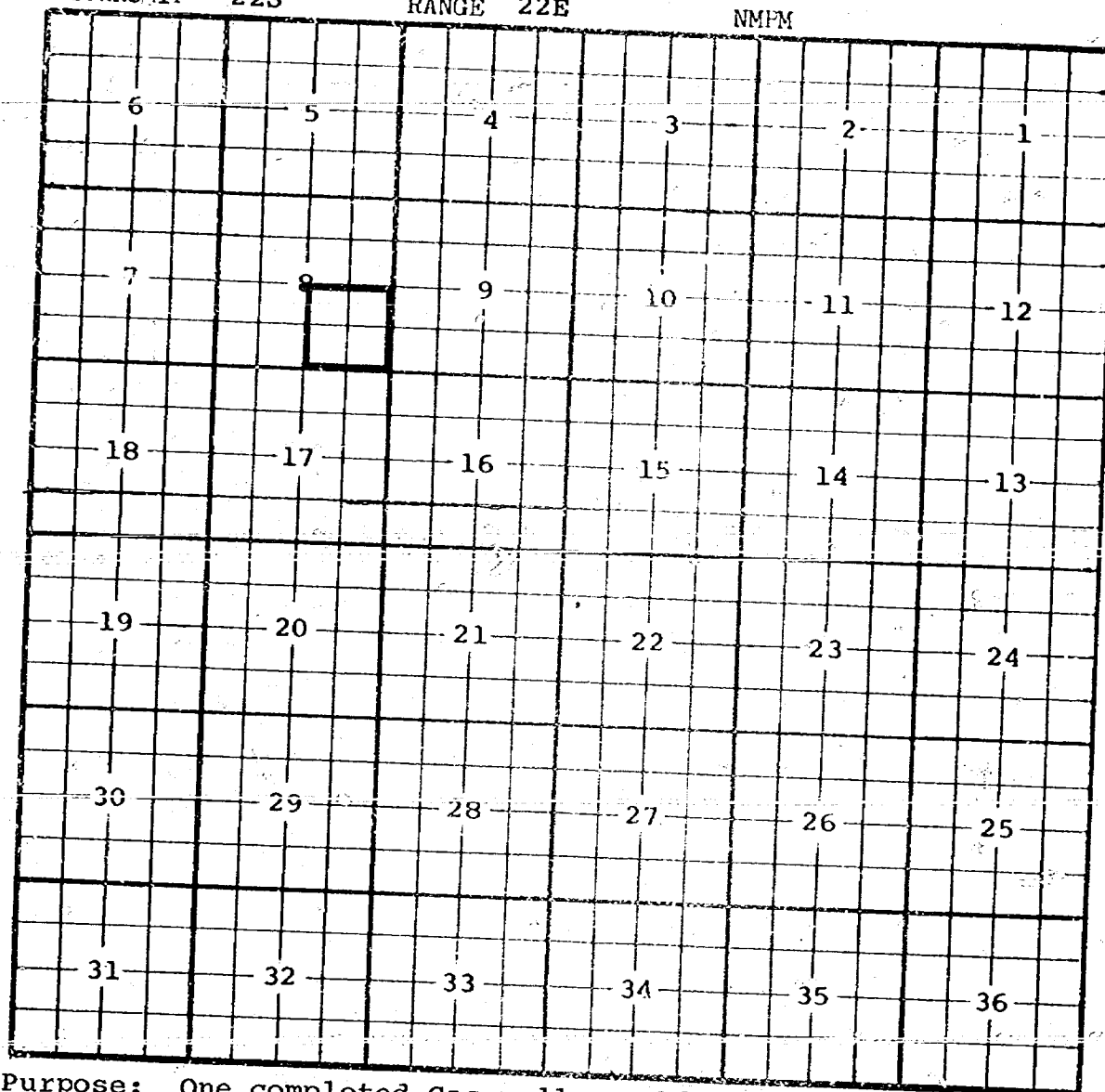
COUNTY Eddy

POOL Rocky Arroyo-Wolfcamp Gas

TOWNSHIP 22S

RANGE 22E

NMPM



Purpose: One completed Gas well capable of producing

Discovery well: El Paso Natural Gas Co. Rocky Arroyo #1 located in Unit J Sec. 8-T22S-R-22E Completed 11-10-71 through Wolfcamp Perforations from 6563-6600

Proposed Pool boundary outlined in green.

Sec. 8: SE/4

CASE 4864: (e) CREATION OF A NEW GAS POOL

COUNTY Eddy POOL South Sand Dunes-Lower Penn Gas

TOWNSHIP 24S RANGE 31E NMFM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Purpose: One completed Gas Well capable of producing.

Discovery Well: El Paso Natural Gas Co. Sundance Federal #1  
located in Unit F Sec. 4-T24S R-31E Completed 6-22-72 through  
Atoka & Morrow Perforations from 13691-14340.

Proposed pool boundary outlined in green.

Sec. 4: N/2

CASE 4864: (f) CREATION OF A NEW GAS POOL

COUNTY Eddy

POOL Winchester-Morrow Gas

TOWNSHIP 19S

RANGE 28E

NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Purpose: One completed Gas Well capable of producing.

Discovery Well: Penroc Oil Corp. Dero Federal #1 located in  
Unit P Sec. 35 T-19S R-28E. Completed 6-20-72 through Morrow  
Perforations from 10769-11208.

Proposed Pool boundary outlined in green

Sec. 35: S/2

CASE 4864: (g) EXTENSION OF AN EXISTING GAS POOL

COUNTY LEA POOL BLINEBRY GAS

TOWNSHIP 21 South RANGE 36 East NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: To take in additional dedicated acreage.

Pool boundary colored in red.

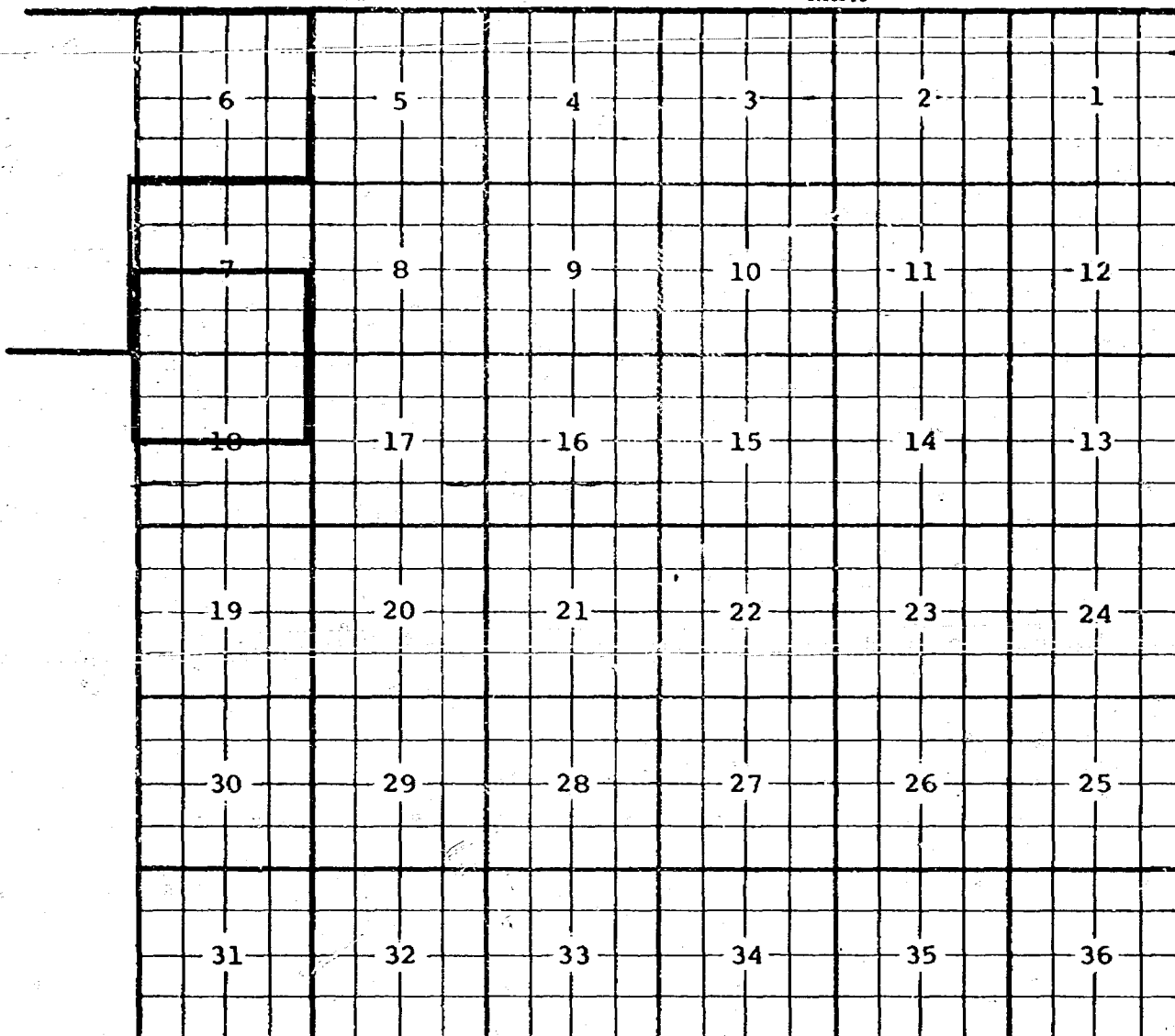
Proposed pool extension colored in green. SECTION 25: SW/4



CASE 4864: (h) EXTENSION OF AN EXISTING GAS POOL

COUNTY Chaves POOL Buffalo Valley-Pennsylvanian Gas

TOWNSHIP 15S RANGE 28E NMPM



Purpose: One completed Gas Well capable of producing

Operator Lease # & Ut. S-T-R Comp.  
Read & Stevens, Inc. Piatt State Com. 1-D 18-15-28 7-31-72

Form TOP  
Atoka-Morrow 8625'

Pool boundary outlined in red

Proposed extension outlined in green

Sec. 7: S/2

Sec. 18: N/2

CASE 4864: (i) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL South Carlsbad-Morrow Gas

TOWNSHIP 23S RANGE 27E NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Purpose: One completed Gas Well capable of producing

Operator	Lease # & Ut.	S-T-R	Comp.	Form	TOP
Phillips Pet. Co. Drag B	1-K	18-23-27	8-7-72	Morrow	11468

Pool boundary outlined in red

Proposed extension outlined in green

Sec. 18: S/2

CASE 4864: (j) EXTENSION OF AN EXISTING OIL POOL

COUNTY Chaves

POOL East Chisum-San Andres

TOWNSHIP 11S RANGE 28E NMFM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Purpose: One completed Oil Well capable of producing

Operator	Lease	# & Ut.	S-T-R
Plains Radio Broadcasting Co.	L.E. Ranch 16	2-B	16-11-28

Comp.	Form	TOP
6-20-72	San Andres	1850

Pool boundary outlined in red

Proposed extension outlined in green

Sec. 16: NW/4 NE/4

CASE 4864: (k) EXTENSION OF AN EXISTING GAS POOL

COUNTY LEA POOL NORTH EUNICE-SAN ANDRES GAS

TOWNSHIP 21 South RANGE 37 East NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: One completed gas well capable of producing.

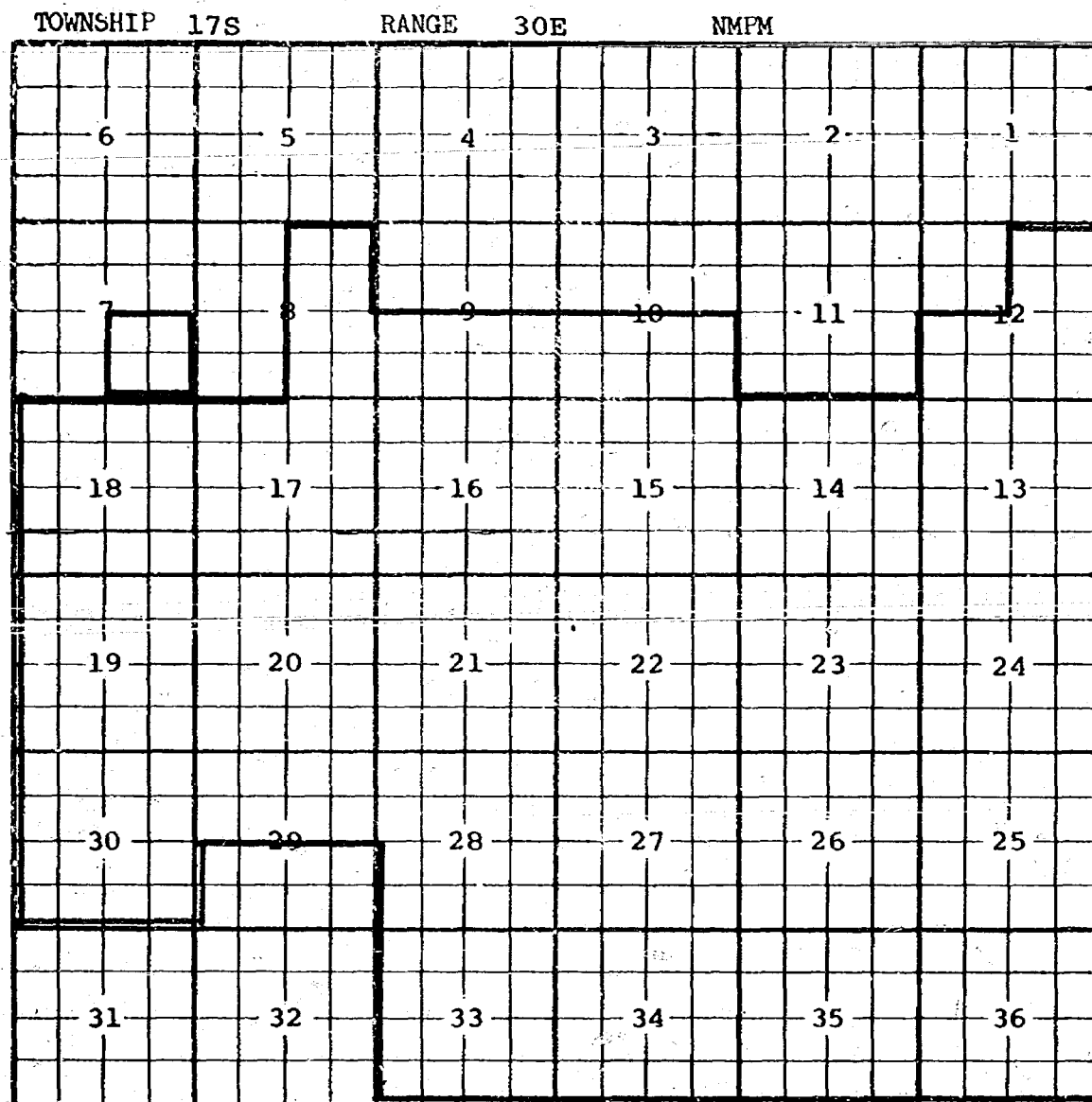
SCHIO PETROLEUM COMPANY - Alves #3 in Unit A of Section 18-21-37. Com-  
pleted in San Andres on August 23, 1972. Top of Perforations 4085'.

Pool boundary colored in red.

proposed pool extensions colored in green. SECTION 17: NW/4

SECTION 18: NE/4

CASE 4864: (1) EXTENSION OF AN EXISTING OIL POOL  
COUNTY Eddy POOL Grayburg-Jackson



Purpose: One completed Oil Well capable of producing

Operator Lease # & Ut. S-T-R Comp.  
General American Oil Co. of Texas Price 1-J 7-17-30 8-10-72

Form TOP  
Grayburg 2582

Pool boundary outlined in red.

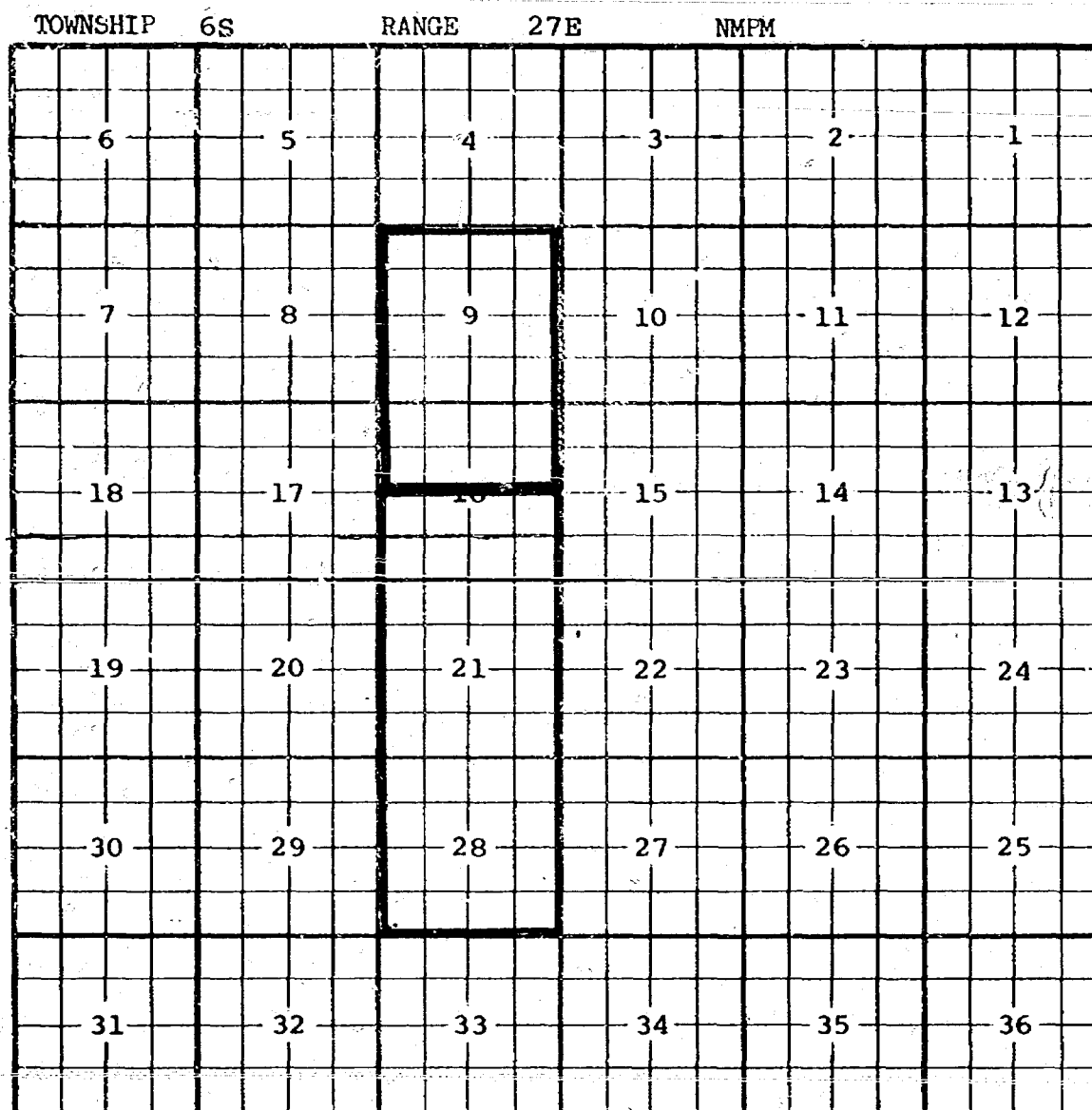
Proposed extension outlined in green.

Sec. 7: SE/4

CASE 4864: (m) EXTENSION OF AN EXISTING GAS POOL

COUNTY Chaves

POOL Haystack-Cisco Gas



Purpose: One completed Gas Well capable of producing

Operator	Lease	# & Ut.	S-T-R	Comp.	Form	TOP
Blackrock Oil Co.	Bates McIntyre Fed.	1-H	9-6-27	3-9-72	Cisco	5784

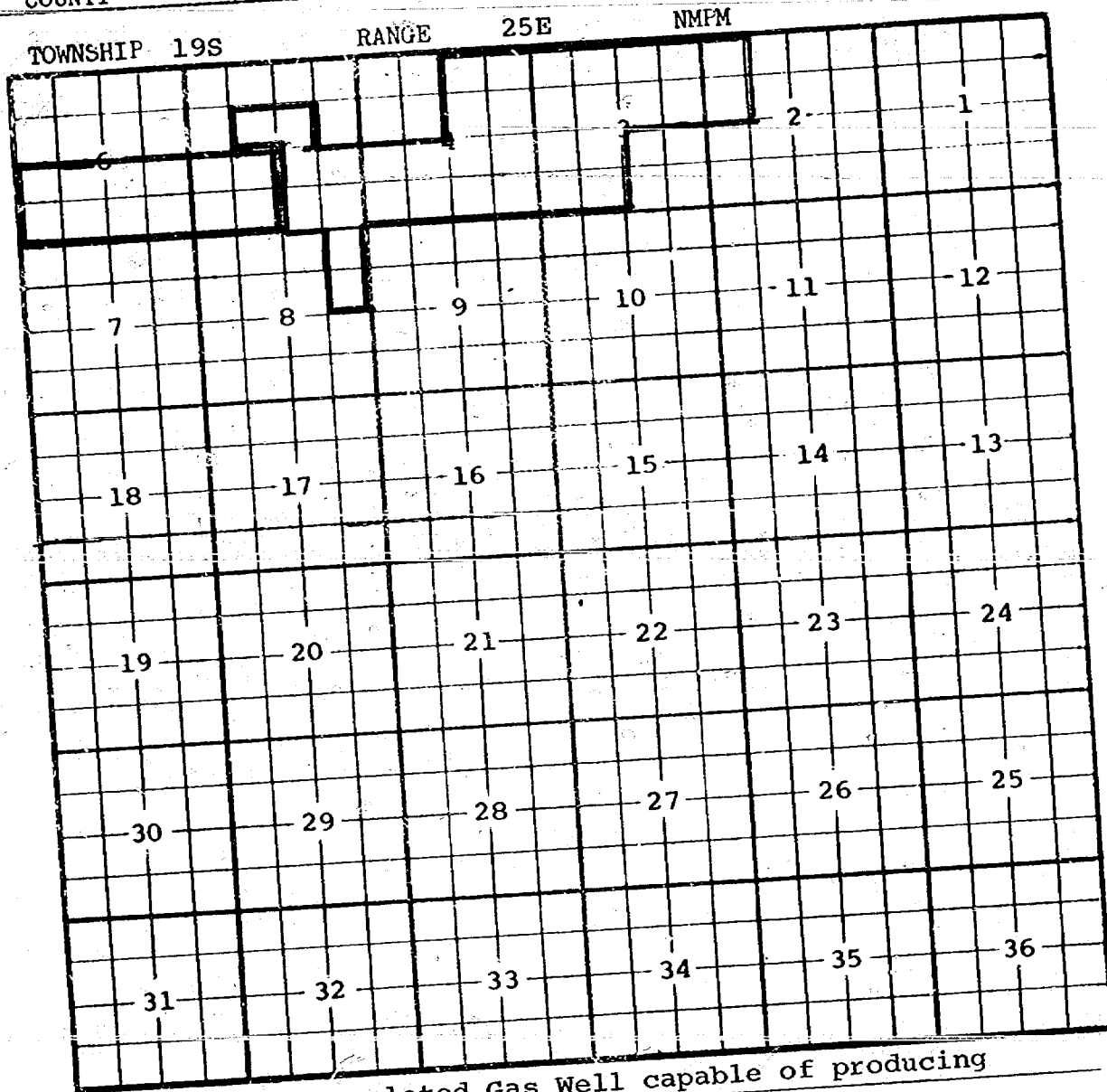
Pool boundary outlined in red

Proposed extension outlined in green

Sec. 9: All

Sec. 16: N/2

CASE 4864: (n) EXTENSION OF AN EXISTING OIL POOL  
COUNTY Eddy POOL Penasco Draw-San Andres-Yeso



Purpose: One completed Gas Well capable of producing

Operator	Lease	# & Ut.	S-T-R	Comp.	Form	TOP
Yates Pet. Corp.	Mobil CI Fed.	1-J	6-19-25	5-11-72	San Andres	1097

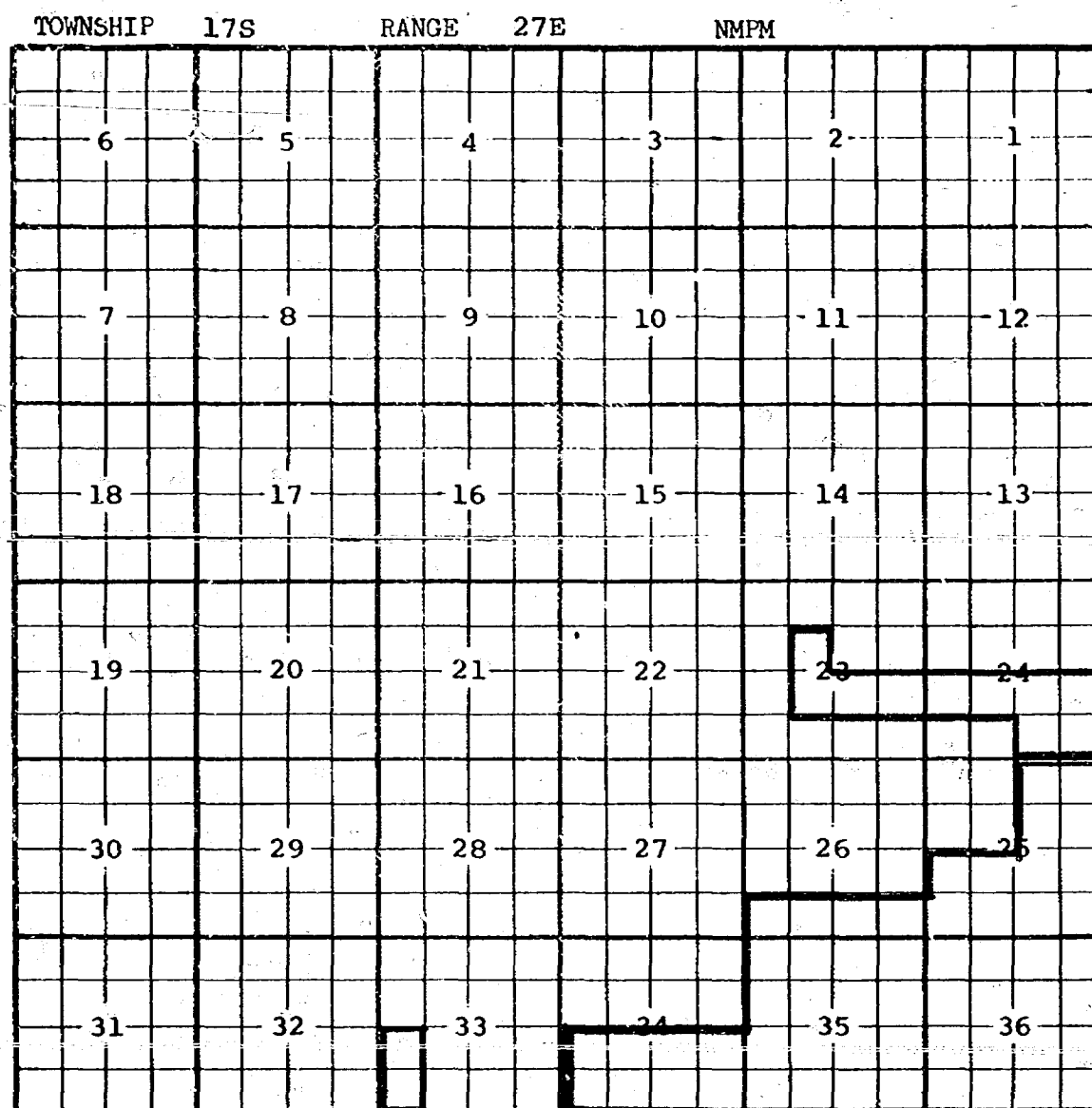
Pool boundary outlined in red

Proposed extension outlined in green.

Sec. 5: SW/4

Sec. 6: S/2

CASE 4864: (o) EXTENSION OF AN EXISTING OIL POOL  
COUNTY Eddy POOL Red Lake Q-GB-SA



Purpose: Two completed Gas Wells capable of producing

Operator	Lease # & Ut.	S-T-R	Comp.	Form	TOP	
Leonard Latch Berry	29-F	23-17-27	4-10-65	Queen	1148	
"	" A	22-K	24-17-27	11-30-65	Queen	1172

Pool boundary outlined in red.

Proposed extension outlined in green.

Sec. 23: SE/4 NW/4, NE/4 SW/4, N/2 SE/4,

Sec. 24: SE/4 & N/2 SW/4,



CASE 4864: (p) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL EAST SHOEBAR-DEVONIAN

TOWNSHIP 16 South RANGE 36 East NMFM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: One completed oil well capable of producing.

ROGER C. HANKS - C. M. Graham #2 in Unit L of Section 29-16-36. Completed in Devonian on August 27, 1972. Depth to Casing Shoe 12,076'.

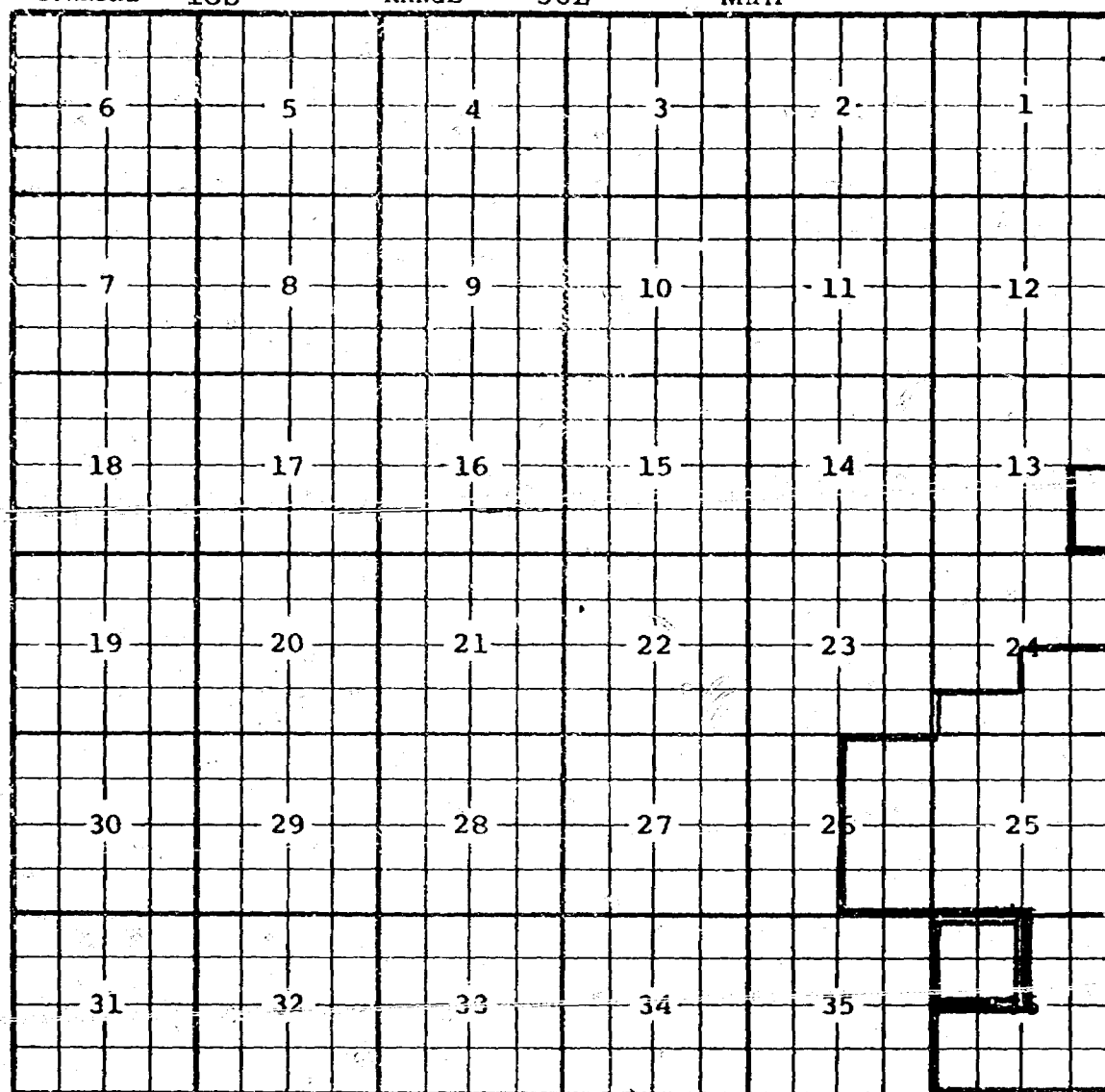
Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 29: NW/4

CASE 4864: (q) EXTENSION OF AN EXISTING OIL POOL

COUNTY Eddy POOL Shugart-Y-SR-Q-GB

TOWNSHIP 18S RANGE 30E NMPM



Purpose: Two completed Oil Wells capable of producing

Operator	Lease	# & Ut.	S-T-R	Comp.	Form	TOP
Getty Oil Co.	State BJ	1-F	36-18-30	7-1-72	Queen	3187
"	"	2-C	36-18-30	9-9-72	Y-SR	2348

Pool boundary outlined in red.

Proposed extension outlined in green

Sec. 36: NW/4

CASE 4864: (r) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL WEST TRES PAPALOTES-PENNSYLVANIAN

TOWNSHIP	14 South	RANGE	34 East	NMPM	
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

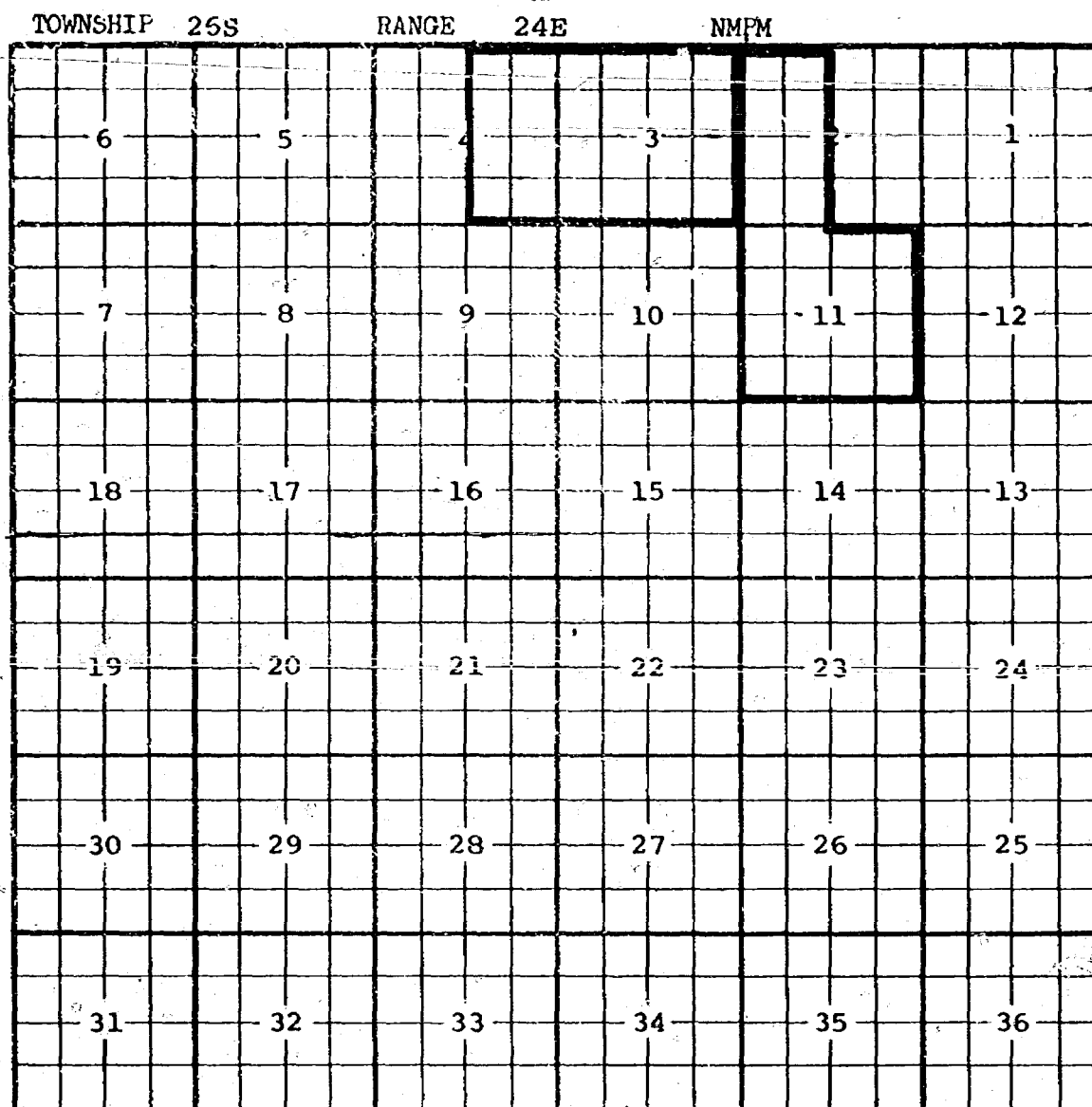
PURPOSE: One completed oil well capable of producing.

MARK PRODUCTION COMPANY - Shell "A" State #1 in Unit H of Section 30-14-34. Completed in Permo Pennsylvanian on September 16, 1972. Top of Perforations 10,390'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 30: NE/4

CASE 4864: (s) EXTENSION OF AN EXISTING GAS POOL  
COUNTY Eddy POOL Washington Ranch-Morrow Gas



Purpose: Two completed Gas Wells capable of producing

Operator	Lease	# & Ut.	S-T-R	Comp.	Form	TOP
Black River Corp.	Miller	1-L	2-26-24	9-6-72	Morrow	6866
J. M. Huber Corp.	Superior USA	1-G	11-26-24	7-5-72	"	7126

Pool boundary outlined in red.

Proposed extension outlined in green

Sec. 2: W/2  
Sec. 11: All

CASE 4864: (t) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy

POOL

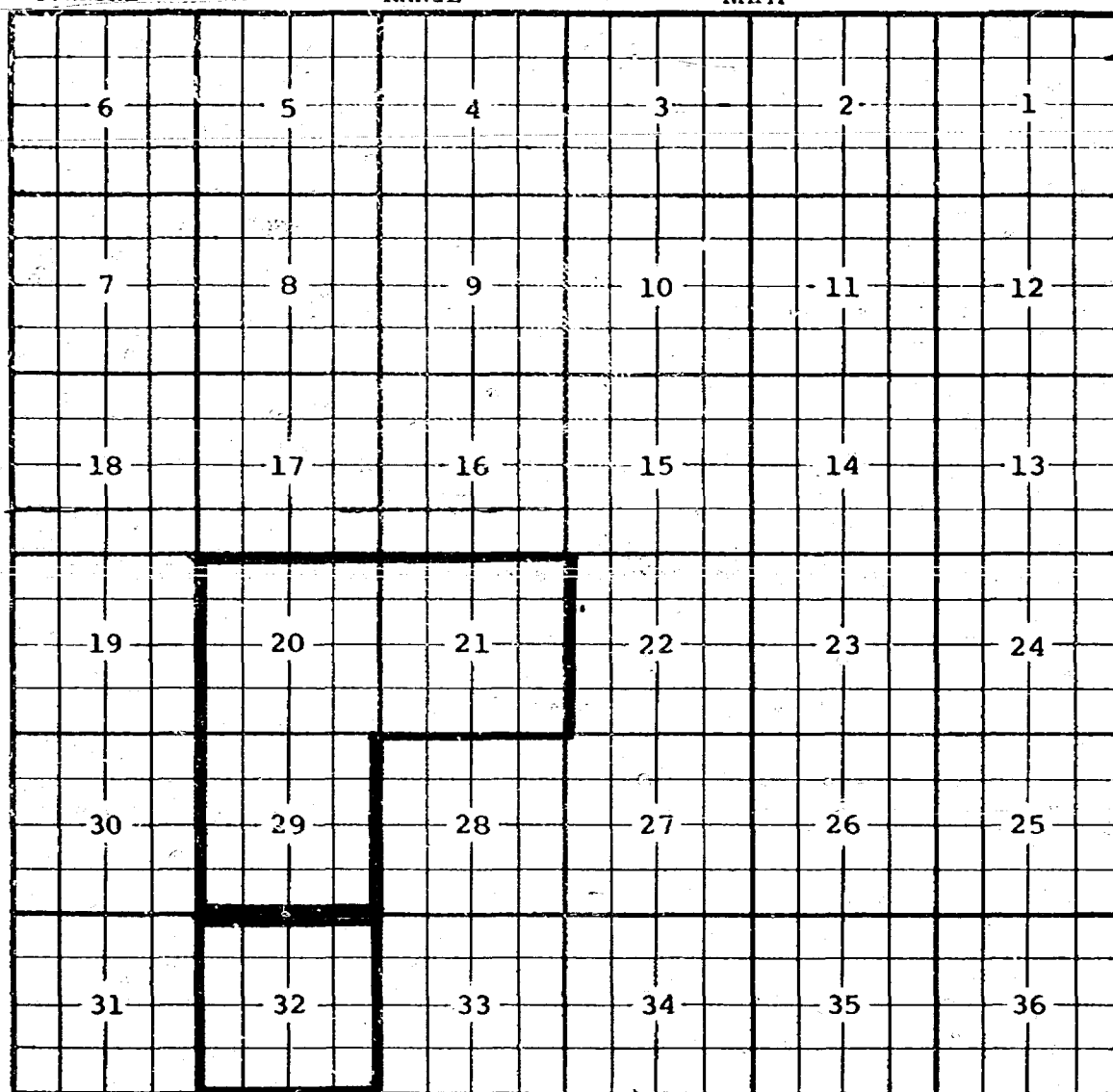
White City-Pennsylvanian Gas

TOWNSHIP 24S

RANGE

26E

NMPM



Purpose: One completed Gas Well capable of producing

Operator	Lease	# & Ut.	S-T-R	Form	Comp.	TOP
Texaco, Inc.	N.M."DD" State Com.	1-G	32-24-26	Morrow	9-21-72	11020

Pool boundary outlined in red.

Proposed extension outlined in green.

Sec. 32: All

DOCKET: EXAMINER HEARING - TUESDAY - NOVEMBER 14, 1972

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

The following cases will be heard before Daniel S. Nutter, Examiner, or Elvis A. Utz, Alternate Examiner:

- ALLOWABLE: (1) Consideration of the allowable production of gas for December, 1972, from seventeen prorated pools in Lea, Eddy, Roosevelt, and Chaves Counties, New Mexico.
- (2) Consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico for December, 1972.
- (3) Consideration of purchasers' nominations for the one-year period beginning January 1, 1973, for both of the above areas.

CASE 4608: (Reopened) (Continued from October 4, 1972)

In the matter of Case 4608 being reopened pursuant to the provisions of Order No. R-4213 which order established special rules and regulations for the Haystack Siluro-Devonian Pool, Chaves County, New Mexico, including a provision for 80-acre spacing units. All interested persons may appear and show cause why said pool should not be developed on 40-acre spacing units.

CASE 4855: Application of Gulf Oil Corporation for downhole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of oil production from the Cary-Montoya and South McCormack-Silurian Oil Pools in the wellbore of its R. E. Cole (NCT-A) Well No. 10 in Unit E of Section 16, Township 22 South, Range 37 East, Lea County, New Mexico.

CASE 4856: Application of Gulf Oil Corporation for a waterflood project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project in the Shugart Pool, Eddy County, New Mexico, by the injection of water into the Queen formation through three wells on its Federal Littlefield "AB" Lease in Section 22, Township 18 South, Range 31 East, Eddy County, New Mexico.

CASE 4857: Application of Perry R. Bass for an unorthodox location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for an unorthodox gas well location for his Big Eddy Well No. 7 located 660 feet from the South line and 1980 feet from the East line of Section 19, Township 20 South, Range 31 East, Maroon Cliffs-Morrow Gas Pool, Eddy County, New Mexico, with the E/2 of said Section 19 to be dedicated to the well.

CASE 4858: Application of Continental Oil Company for two non-standard gas proration units, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the two following Blinebry Gas Pool non-standard gas proration units in Township 21 South, Range 37 East:

A 120-acre unit comprising the N/2 SW/4 and the SW/4 SW/4 of Section 21, to be dedicated to applicant's M. E. Wantz Well No. 11 located in Unit L of said Section 21, and a 160-acre unit comprising the NW/4 SE/4, S/2 SE/4 and SE/4 SW/4 of Section 21, to be dedicated to applicant's M. E. Wantz Well No. 8 located in Unit O of said Section 21.

CASE 4859: Application of Continental Oil Company for two non-standard gas proration units, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the two following Blinebry Gas Pool non-standard proration units in Township 21 South, Range 37 East:

An 80-acre unit comprising the SW/4 NW/4 of Section 13 and the SE/4 NE/4 of Section 14, to be dedicated to applicant's Lockhart B-14 "A" Well No. 1 located in Unit H of Section 14, and a 160-acre unit comprising the NW/4 SE/4, N/2 SW/4, and SW/4 SW/4 of Section 13, to be simultaneously dedicated to applicant's Lockhart B-13 "A" Wells Nos. 1 and 8 located in Units M and L, respectively, of said Section 13.

CASE 4860: Application of Craig Folsom for an unorthodox oil well location, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks authority to drill a well to test the Queen formation at an unorthodox oil well location 1340 feet from the South line and 1300 feet from the East line of Section 12, Township 13 South, Range 31 East, Caprock-Queen Pool, Chaves County, New Mexico.

CASE 4861: Application of Cities Service Oil Company for the amendment of Order R-4239, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the amendment of Order No. R-4239, which order pooled all mineral interests in the South Carlsbad-Morrow Gas Pool underlying the N/2 of Section 19, Township 22 South, Range 27 East, Eddy County, New Mexico, to be dedicated to a well to be drilled at an unorthodox location 2173 feet from the North line and 1200 feet from the East line of said Section 19 and provided \$60.00 per month as the charge for supervision (combined fixed rates). Applicant proposes that said order be amended to provide for the drilling of a well on the pooled unit at a standard well location and that \$200.00 a month be established as the charge for supervision.

CASE 4862: Application of Adobe Oil Company for a non-standard gas proration unit and an unorthodox location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of a 520-acre non-standard

(Case 4862 continued from Page 2)

gas proration unit comprising the NE/4, SE/4, E/2 SW/4, N/2 NW/4, and SE/4 NW/4 of Section 11, Township 23 South, Range 24 East, Rock Tank-Upper Morrow and Rock Tank-Lower Morrow Gas Pools in Eddy County, New Mexico, to be dedicated to a well to be drilled at an unorthodox location 320 feet from the South and East lines of said Section 11.

CASE 4863: Application of C & K Petroleum Inc. for a non-standard gas proration unit and an unorthodox location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of a 225.59-acre non-standard West Atoka-Morrow gas proration unit in Section 18, Township 18 South, Range 26 East, comprising the SW/4, the SW/4 SE/4, and that portion of the NW/4 SE/4 described as follows:

Beginning at the Northwest corner of said NW/4 SE/4; thence South 1320 feet, thence East 1193.4 feet, thence North 639 feet, thence West 242.2 feet, thence North 30 degrees West, 452.6 feet, thence West 267 feet, thence North 8 degrees East, 267 feet to the North line of said NW/4 SE/4, thence West 507.4 feet to the point of beginning.

Applicant further seeks authority to drill a well for said unit at an unorthodox location 990 feet from the South and West lines of said Section 18.

CASE 4864: Southeastern New Mexico nomenclature case calling for an order for the creation and extension of certain pools in Chaves, Eddy and Lea Counties, New Mexico.

(a) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Canyon production and designated as the South Carlsbad-Canyon Gas Pool. The discovery well is the Phillips Petroleum Company Drag B No. 1 located in Unit K of Section 18, Township 23 South, Range 27 East, NMPM. Said pool described as:

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

(b) Create a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production and designated as the Hat Mesa-Morrow Gas Pool. The discovery well is the Phillips Petroleum Company Hat Mesa No. 1 located in Unit G of Section 11, Township 21 South, Range 32 East, NMPM. Said pool described as:

TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPM  
Section 11: E/2



(Case 4864 continued from Page 3)

(c) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Rocky Arroyo-Morrow Gas Pool. The discovery well is the El Paso Natural Gas Company Rocky Arroyo No. 1 located in Unit J of Section 8, Township 22 South, Range 22 East, NMPM. Said pool described as:

TOWNSHIP 22 SOUTH, RANGE 22 EAST, NMPM  
Section 8: E/2  
Section 17: N/2

(d) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the Rocky Arroyo-Wolfcamp Gas Pool. The discovery well is the El Paso Natural Gas Company Rocky Arroyo No. 1 located in Unit J of Section 8, Township 22 South, Range 22 East, NMPM. Said pool described as:

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

(e) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Lower Pennsylvanian production and designated as the South Sand Dunes-Lower Pennsylvanian Gas Pool. The discovery well is the El Paso Natural Gas Company Sundance Federal No. 1 located in Unit F of Section 4, Township 24 South, Range 31 East, NMPM. Said pool described as:

TOWNSHIP 24 SOUTH, RANGE 31 EAST, NMPM  
Section 4: N/2

(f) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Winchester-Morrow Gas Pool. The discovery well is the Penroc Oil Corporation Dero Federal No. 1 located in Unit P of Section 35, Township 19 South, Range 28 East, NMPM. Said pool described as:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM  
Section 35: S/2

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

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM  
Section 25: SW/4

(h) Extend the Buffalo Valley-Pennsylvanian Gas Pool in Chaves County, New Mexico, to include therein:

(Case 4864, Paragraph (h) continued from Page 4)

TOWNSHIP 15 SOUTH, RANGE 28 EAST, NMPM

Section 7: S/2

Section 18: N/2

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

TOWNSHIP 23 SOUTH, RANGE 27 EAST, NMPM

Section 18: S/2

(j) Extend the East Chisum-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 11 SOUTH, RANGE 28 EAST, NMPM

Section 16: NW/4 NE/4

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

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM

Section 17: NW/4

Section 18: NE/4

(l) Extend the Grayburg Jackson Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM

Section 7: SE/4

(m) Extend the Haystack-Cisco Gas Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 6 SOUTH, RANGE 27 EAST, NMPM

Section 9: All

Section 16: N/2

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

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM

Section 5: SW/4

Section 6: S/2

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

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM

Section 23: SE/4 NW/4, NE/4 SW/4, and  
N/2 SE/4

Section 24: SE/4 and N/2 SW/4

Examiner Hearing - Tuesday - November 14, 1972  
-6-

Docket No. 26-72

(Case 4864 continued from Page 5)

(p) Extend the East Shoebar-Devonian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 36 EAST, NMPM  
Section 29: NW/4

(q) Extend the Shugart Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM  
Section 36: NW/4

(r) Extend the West Tres Papalotes-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM  
Section 30: NE/4

(s) Extend the Washington Ranch-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 26 SOUTH, RANGE 24 EAST, NMPM  
Section 2: W/2  
Section 11: All

(t) Extend the White City-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM  
Section 32: All

NOMENCLATURE ADVERTISEMENT FOR NOVEMBER, 1972  
CASE 4864 JFK

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

a) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Canyon production and designated as the South Carlsbad-Canyon Gas Pool. The discovery well is <sup>the</sup> Phillips Petroleum Company, Drag B No. 1 located in Unit K of Section 18, Township 23 South, Range 27 East, NMPM. Said pool described as:

✓ TOWNSHIP 23 SOUTH, RANGE 27 EAST, NMPM  
SECTION 18: S/2

b) CREATE A new pool in Lea County, New Mexico, classified as a gas pool for Morrow production and designated as the Hat Mesa-Morrow Gas Pool. The discovery well is <sup>the</sup> Phillips Petroleum Company, Hat Mesa No. 1 located in Unit G of Section 11, Township 21 South, Range 32 East, NMPM. Said pool described as:

✓ TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPM  
SECTION 11: E/2

c) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Rocky Arroyo-Morrow Gas Pool. The discovery well is <sup>the</sup> El Paso Natural Gas Company, Rocky Arroyo No. 1 located in Unit J of Section 8, Township 22 South, Range 22 East, NMPM. Said pool described as:

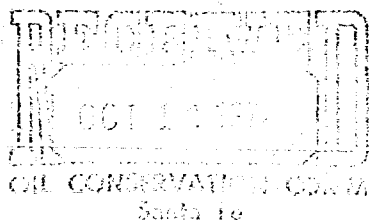
✓ TOWNSHIP 22 SOUTH, RANGE 22 EAST, NMPM  
SECTION 8: E/2  
SECTION 17: N/2

d) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the Rocky Arroyo-Wolfcamp Gas Pool. The discovery well is <sup>the</sup> El Paso Natural Gas Company, Rocky Arroyo No. 1 located in Unit J of Section 8, Township 22 South, Range 22 East, NMPM. Said pool described as:

✓ TOWNSHIP 22 SOUTH, RANGE 22 EAST, NMPM  
SECTION 8: SE/4

e) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Lower Pennsylvanian production and designated as the South Sand Dunes-Lower Pennsylvanian Gas Pool. The discovery well is <sup>the</sup> El Paso Natural Gas Company, Sundance Federal No. 1 located in Unit F of Section 4, Township 24 South, Range 31 East, NMPM. Said pool described as:

✓ TOWNSHIP 24 SOUTH, RANGE 31 EAST, NMPM  
SECTION 4: N/2



November, 1972 Nomenclature

f) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Winchester-Morrow Gas Pool. The discovery well is Penroc Oil Corporation, Dero Federal No. 1 located in Unit P of Section 35, Township 19 South, Range 28 East, NMPM. Said pool described as:

✓ TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM  
SECTION 35: S/2

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

✓ TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM  
SECTION 25: SW/4 ✓

h) EXTEND the Buffalo Valley-Pennsylvanian Gas Pool in Chaves County, New Mexico, to include therein:

✓ TOWNSHIP 15 SOUTH, RANGE 28 EAST, NMPM  
SECTION 7: S/2  
SECTION 18: N/2 ✓

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

✓ TOWNSHIP 23 SOUTH, RANGE 27 EAST, NMPM  
SECTION 18: S/2 ✓

j) EXTEND the East Chisum-San Andres Pool in Chaves County, New Mexico, to include therein:

✓ TOWNSHIP 11 SOUTH, RANGE 28 EAST, NMPM  
SECTION 16: NW/4 NE/4 ✓

k) EXTEND the North Eunice-San Andres Gas Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM  
SECTION 17: NW/4  
SECTION 18: NE/4 ✓

l) EXTEND the Grayburg Jackson Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
SECTION 7: SE/4 ✓

m) EXTEND the Haystack-Cisco Gas Pool in Chaves County, New Mexico, to include therein:

✓ TOWNSHIP 6 SOUTH, RANGE 27 EAST, NMPM  
SECTION 9: All  
SECTION 16: N/2 ✓

November, 1972 Nomenclature

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

✓ TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM  
✓ SECTION 5: SW/4  
SECTION 6: S/2 ✓

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

✓ TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM  
✓ SECTION 23: SE/4 NW/4, NE/4 SW/4,  
and N/2 SE/4  
SECTION 24: SE/4 and N/2 SW/4 ✓

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

✓ TOWNSHIP 16 SOUTH, RANGE 36 EAST, NMPM  
✓ SECTION 29: NW/4 ✓

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

✓ TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM  
✓ SECTION 36: NW/4 ✓

r) EXTEND the West Tres Papalotes-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM  
✓ SECTION 30: NE/4 ✓

s) EXTEND the Washington Ranch-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 26 SOUTH, RANGE 24 EAST, NMPM  
✓ SECTION 2: W/2  
SECTION 11: All ✓

t) EXTEND the White City-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM  
✓ SECTION 32: All ✓

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

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

CASE NO. 4864  
ORDER NO. R-4437

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:00 a.m. on November 14, 1972, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this \_\_\_\_\_ day of November, 1972, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

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

✓ (2) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Canyon formation, said pool to bear the designation of South Carlsbad-Canyon Gas Pool. Said South Carlsbad-Canyon Gas Pool was discovered by the Phillips Petroleum Company Drag <sup>Well</sup> No. 1, located in Unit K of Section 18, Township 23 South, Range 27 East, NMPM. It was completed in the Canyon formation on August 7, 1972. The top of the perforations is at 10,280 feet.

✓ (3) That there is need for the creation of a new gas pool in Lea County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Hat Mesa-Morrow Gas Pool. Said Hat Mesa-Morrow Gas Pool was discovered by the Phillips Petroleum Company Hat Mesa <sup>Well</sup> No. 1, located in Unit G of Section 11, Township 21 South, Range 32 East, NMPM. It was completed in the Morrow formation on December 7, 1967. The top of the perforations is at 13,656 feet.

Well ✓ (4) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Rocky Arroyo-Morrow Gas Pool. Said Rocky Arroyo-Morrow Gas Pool was discovered by the El Paso Natural Gas Company Rocky Arroyo No. 1, located in Unit J of Section 8, Township 22 South, Range 22 East, NMPM. It was completed in the Morrow formation on November 10, 1971. The top of the perforations is at 8956 feet.

Well ✓ (5) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Wolfcamp formation, said pool to bear the designation of Rocky Arroyo-Wolfcamp Gas Pool. Said Rocky Arroyo-Wolfcamp Gas Pool was discovered by the El Paso Natural Gas Company Rocky Arroyo <sup>Well</sup> No. 1, located in Unit J of Section 8, Township 22 South, Range 22 East, NMPM. It was completed in the Wolfcamp formation on November 10, 1971. The top of the perforations is at 6563 feet.

Well ✓ (6) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Atoka and Morrow formations, said pool to bear the designation of South Sand Dunes-Lower Pennsylvanian Gas Pool. Said South Sand Dunes-Lower Pennsylvanian Gas Pool was discovered by the El Paso Natural Gas Company Sundance Federal <sup>Well</sup> No. 1, located in Unit F of Section 4, Township 24 South, Range 31 East, NMPM. It was completed in the Atoka and Morrow formations on June 22, 1972. The top of the perforations is at 13,691 feet.

✓ (7) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Winchester-Morrow Gas Pool. Said Winchester-Morrow Gas Pool was discovered by the Penroc Oil Corporation Dero Federal No. 1, located in Unit P of Section 35, Township 19 South, Range 28 East, NMPM. It was completed in the Morrow formation on June 20, 1972. The top of the perforations is at 10,769 feet.

(8) That there is need for certain extensions to the Buffalo Valley Pennsylvanian Gas Pool, the East Chisum San Andres Pool, and the Haystack Cisco Gas Pool, all in Chaves County, New Mexico, the South Carlsbad Morrow Gas Pool, the Grayburg Jackson Pool, the Penasco Draw San Andres Yeso Pool, the Red Lake Queen Grayburg San Andres Pool, the Shugart Pool, the Washington Ranch Morrow Gas Pool, and the White City Pennsylvanian Gas Pool, all in Eddy County, New Mexico, the Blinbry Gas Pool, the North Eunice San Andres Gas Pool, the East Shoe Bar Devonian Pool, and the West Tres Papalotes Pennsylvanian Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED:

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

✓ TOWNSHIP 23 SOUTH, RANGE 27 EAST, NMPM  
SECTION 18: S/2

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

✓ TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPM  
SECTION 11: E/2

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

✓ TOWNSHIP 22 SOUTH, RANGE 22 EAST, NMPM  
SECTION 8: E/2  
SECTION 17: N/2

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

✓ TOWNSHIP 22 SOUTH, RANGE 22 EAST, NMPM  
SECTION 8: SE/4

(e) That a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka and Morrow production, is hereby created and designated as the South Sand Dunes-Lower Pennsylvanian Gas Pool, consisting of the following described area:

✓ TOWNSHIP 24 SOUTH, RANGE 31 EAST, NMPM  
SECTION 4: N/2

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

✓ TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM  
SECTION 35: S/2

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

✓ TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM  
SECTION 25: SW/4



CASE NO. 4864  
ORDER NO. R-

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

✓ TOWNSHIP 15 SOUTH, RANGE 28 EAST, NMPM  
SECTION 7: S/2  
SECTION 18: N/2

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

✓ TOWNSHIP 23 SOUTH, RANGE 27 EAST, NMPM  
SECTION 18: S/2

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

✓ TOWNSHIP 11 SOUTH, RANGE 28 EAST, NMPM  
SECTION 16: NW/4 NE/4

(k) That the North Eunice-San Andres Gas 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 17: NW/4  
SECTION 18: NE/4

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

✓ TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
SECTION 7: SE/4

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

✓ TOWNSHIP 6 SOUTH, RANGE 27 EAST, NMPM  
SECTION 9: All  
SECTION 16: N/2

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

✓ TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM  
SECTION 5: SW/4  
SECTION 6: S/2

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

✓ TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM  
✓ SECTION 23: SE/4 NW/4, NE/4 SW/4, and N/2 SE/4  
✓ SECTION 24: SE/4 and N/2 SW/4

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

✓ TOWNSHIP 16 SOUTH, RANGE 36 EAST, NMPM  
SECTION 29: NW/4

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

✓ TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM  
SECTION 36: NW/4

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

✓ TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM  
SECTION 30: NE/4

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

✓ TOWNSHIP 26 SOUTH, RANGE 24 EAST, NMPM  
SECTION 2: W/2  
SECTION 11: All

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

✓ TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM  
SECTION 32: All

IT IS FURTHER ORDERED:

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

(2) That the effective date of this order and all creations and extensions included herein shall be December 1, 1972.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

BRUCE KING, Chairman

ALEX ARMILJO, Member

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

S E A L