

CASE 5597: SOUTHEASTERN NOMEN-
CLATURE CASE FOR DECEMBER, 1975

CASE NO.

5597

APPLICATION,
TRANSCRIPTS,
SMALL EXHIBITS,

ETC.

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
December 3, 1975

EXAMINER HEARING

IN THE MATTER OF:

Southeastern New Mexico nomenclature) CASE
case calling for an order for the) 5597
creation and extension of certain pools)
in Eddy County, New Mexico.)

BEFORE: Richard L. Stamets, Examiner

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the New Mexico Oil Conservation Commission: William F. Carr, Esq.
Legal Counsel for the Commission
State Land Office Building
Santa Fe, New Mexico

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General Court Reporting Service
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I N D E X

Page

CARL ULVOG

Direct Examination by Mr. Carr

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EXHIBIT INDEX

Page

Oil Conservation Commission's Exhibit A

4

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1 MR. STAMETS: We will call now Case 5597, being
2 Southeastern New Mexico nomenclature case calling for an order
3 for the creation and extension of certain pools in Eddy County,
4 New Mexico.

5 MR. CARR: Mr. Examiner, I'm William F. Carr appearing
6 for the Commission and I have one witness to be sworn.

7 (THEREUPON, the witness was duly sworn.)

8 MR. STAMETS: You may proceed.

9 CARL ULVOG

10 called as a witness, having been first duly sworn, was
11 examined and testified as follows:

12
13 DIRECT EXAMINATION

14 BY MR. CARR:

15 Q Will you state your name and position, please?

16 A Carl Ulvog, Senior Geologist for the Oil Conserva-
17 tion Commission here in Santa Fe.

18 Q Mr. Ulvog, are you prepared to make recommendations
19 to the Commission concerning the nomenclature of certain
20 pools in Eddy County, New Mexico?

21 A Yes, I am.

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

24 A Yes, they are.

25 Q Will you please refer to this exhibit and to the

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1 docket that has been prepared and distributed at this Hearing
2 and point out any substantial differences between the two?

3 A. Yes, I will. The exhibit that we have prepared is
4 a series of plats which show the recommended creations and
5 extensions and are described in a series of plats corresponding
6 to the paragraphs that are listed in the docket and are
7 identified as running from (a) through (1). There are no
8 differences between the advertisement, the docket and what we
9 are here proposing.

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

11 A. No, sir.

12 MR. CARR: Mr. Examiner, I would at this time offer
13 Oil Conservation Commission Exhibit A.

14 MR. STAMETS: The exhibit will be admitted.

15 (THEREUPON, Oil Conservation Commission
16 Exhibit A was admitted into evidence.)

17 MR. STAMETS: Any questions of this witness? He
18 may be excused.

19 (THEREUPON, the witness was excused.)

20 MR. STAMETS: Is there anything further in this Case,
21 any statements? We will take the Case under advisement and
22 the Hearing is recessed until one P.M.

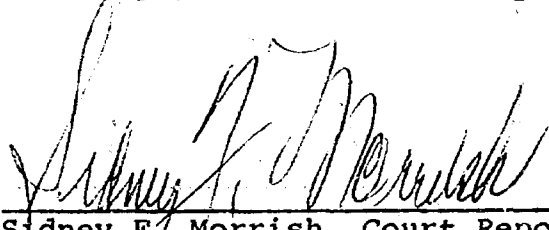
23 (THEREUPON, the Hearing was in recess.)
24
25

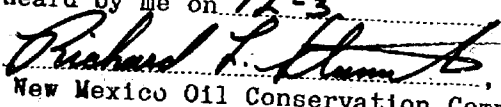
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REPORTER'S CERTIFICATE

I, SIDNEY F. MORRISH, a court reporter, do hereby
certify that the foregoing and attached Transcript of Hearing
before the New Mexico Oil Conservation Commission was reported
by me, and the same is a true and correct record of the said
proceedings to the best of my knowledge, skill and ability.


Sidney F. Morrish, Court Reporter

I do hereby certify that the foregoing is
a complete record of the proceedings in
the Examiner hearing of Case No. 5397
heard by me on 12-3 19 75
, Examiner
New Mexico Oil Conservation Commission

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 5597
Order No. R-5131

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:00 a.m. on December 3, 1975, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 16th day of December, 1975, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

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

(2) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Crow Flats-Morrow Gas Pool. Said Crow Flats-Morrow Gas Pool was discovered by the Samedan Oil Corporation Amoco Federal Well No. 1, located in Unit G of Section 19, Township 16 South, Range 28 East, NMPM. It was completed in the Morrow formation on April 2, 1974. Top of the perforations is at 9,326 feet.

(3) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Sitting Bull Falls-Morrow Gas Pool. Said Sitting Bull Falls-Morrow Gas Pool was discovered by the American Quasar Petroleum Company of New Mexico Huber State Well No. 1, located in Unit F of Section 36, Township 23 South, Range 22 East, NMPM. It was completed in the Morrow formation on May 9, 1975. The top of the perforations is at 10,052 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 Little Box Canyon-Morrow Gas Pool. Said Little Box Canyon-Morrow Gas Pool was discovered by the Cities Service Oil Company Little Box Canyon Unit Well No. 1, located in Unit J of Section 7, Township 21 South, Range 22 East, NMPM. It was completed in the Morrow formation on August 29, 1975. The top of the perforations is at 7,986 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 Strawn formation, said pool to bear the designation of Cottonwood Draw-Strawn Gas Pool. Said Cottonwood Draw-Strawn Gas Pool was discovered by the Robert N. Enfield Cottonwood Draw Unit Well No. 1, located in Unit L of Section 20, Township 25 South, Range 27 East, NMPM. It was completed in the Strawn formation on August 30, 1975. The top of the perforations is at 10,682 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 formation, said pool to bear the designation of Twin Mills-Atoka Gas Pool. Said Twin Mills-Atoka Gas Pool was discovered by the Perry R. Bass Poker Lake Unit Well No. 42, located in Unit G of Section 10, Township 25 South, Range 30 East, NMPM. It was completed in the Atoka formation on September 16, 1974. The top of the perforations is at 13,732 feet.

(7) That there is need for certain extensions to the Atoka San Andres Pool, the Avalon-Morrow Gas Pool, the Boyd-Morrow Gas Pool, the South Empire-Morrow Gas Pool, the South Empire-Wolfcamp Pool, the South Sand Dunes-Lower Penn Gas Pool, and the White City-Pennsylvanian Gas Pool, all in Eddy 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 Crow Flats-Morrow Gas Pool, consisting of the following described area:

TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM
Section 19: N/2

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

TOWNSHIP 23 SOUTH, RANGE 22 EAST, NMPM
Section 36: W/2

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Case No. 5597
Order No. R-5131

(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 Little Box Canyon-Morrow Gas Pool, consisting of the following described area:

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

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

TOWNSHIP 25 SOUTH, RANGE 27 EAST, NMPM
Section 20: W/2

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

TOWNSHIP 25 SOUTH, RANGE 30 EAST, NMPM
Section 10: N/2

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

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
Section 21: N/2 SE/4

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

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 29: W/2
Section 31: N/2
Section 32: W/2

(h) 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 25 EAST, NMPM
Section 7: E/2
Section 8: W/2

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Case No. 5597
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(i) 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 18 SOUTH, RANGE 28 EAST, NMPM
Section 1: S/2

(j) That the South Empire-Wolfcamp 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 30: S/2 SE/4
Section 31: N/2 NE/4
Section 32: N/2 NW/4

(k) That the South Sand Dunes-Lower Penn Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 24 SOUTH, RANGE 31 EAST, NMPM
Section 2: W/2
Section 3: N/2

(l) 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 22: 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.

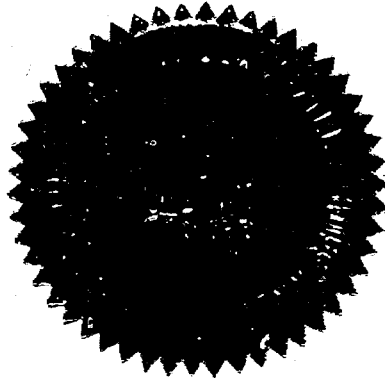
(2) That the effective date of this order and all creations and extensions included herein shall be January 1, 1976.

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Case No. 5597
Order No. R-5131

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



Phil R. Lucero
PHIL R. LUCERO, Chairman

Emery C. Arnold
EMERY C. ARNOLD, Member

Joe D. Ramey
JOE D. RAMEY, Member & Secretary

S E A L

dr/

Docket No. 30-75

Docket No. 31-75 is tentatively set for hearing on December 17, 1975. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - DECEMBER 3, 1975

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

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

CASE 5593: 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 its Caffell FD Well No. 1 to be drilled at a point 660 feet from the South line and 1980 feet from the East line of Section 15, Township 17 South, Range 26 East, Kennedy Farms Field, Eddy County, New Mexico, the E/2 of said Section 15 to be dedicated to the well.

CASE 5594: Application of General American Oil Company of Texas for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of a well to be drilled 330 feet from the South line and 1150 feet from the West line of Section 29, Township 17 South, Range 29 East, Grayburg Gas Field, Eddy County, New Mexico, the W/2 of said Section 29 to be dedicated to the well.

CASE 5595: Application of Harrington Transportation Inc. for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Higgins Well No. 1 to be drilled 990 feet from the North and East lines of Section 13, Township 18 South, Range 26 East, Atoka-Pennsylvanian Gas Pool, Eddy County, New Mexico, the E/2 of said Section 13 to be dedicated to the well.

CASE 5583: (Continued from November 19, 1975 Examiner Hearing)

Application of Stevens Oil Company for a pilot waterflood project, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a pilot waterflood project in the Twin Lakes-San Andres Pool by injection of produced water through its Twinlakes Oil Company Well No. 1, located in Unit D of Section 12, Township 9 South, Range 28 East, Chaves County, New Mexico.

CASE 5591: (Continued from November 19, 1975 Examiner Hearing)

Application of Amoco Production Company for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to drill a well at an unorthodox location 1980 feet from the South line and 1241 feet from the West line of Section 33, Township 17 South, Range 29 East, Grayburg-Morrow Gas Pool, Eddy County, New Mexico, the S/2 of said Section 33 to be dedicated to the well.

CASE 5588: (Continued from November 19, 1975 Examiner Hearing)

Application of Amoco Production Company for downhole commingling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval to commingle Gonzales-Mesaverde and Basin-Dakota gas production in the wellbore of its Jicarilla Contract 146 Well No. 11, located in Unit K of Section 4, Township 25 North, Range 5 West, Rio Arriba County, New Mexico.

CASE 5596: Application of Burk Royalty Company for statutory unitization, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks an order unitizing, for the purpose of secondary recovery, all mineral interests in the Queen formation underlying the following-described lands, Double L-Queen Pool, Chaves County, New Mexico:

TOWNSHIP 14 SOUTH, RANGE 29 EAST, NMPM

Section 23: E/2 SE/4

Section 24: W/2 SW/4

Section 25: NW/4, SW/4 NE/4, N/2 SW/4, SE/4 SW/4, W/2 SE/4, & SE/4 SE/4

Section 36: NE/4 NW/4, NE/4, N/2 SE/4, & SE/4 SE/4

TOWNSHIP 14 SOUTH, RANGE 30 EAST, NMPM

Section 31: W/2, W/2 SE/4, & SE/4 SE/4

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM

Section 1: E/2 E/2

Section 12: NE/4 & E/2 SE/4

Section 13: NE/4 NE/4

Among the matters to be considered at the hearing will be the necessity of unit operations and the feasibility of the proposed secondary recovery program; the designation of a unit operator; the determination of the horizontal and vertical limits of the unit area; the determination of a fair, reasonable, and equitable allocation of production and costs of production, including capital investment, to each of the various tracts in the unit area; the determination of credits and charges to be made among the various owners in the unit area for their investment in wells and equipment; and such other matters as may be necessary and appropriate for carrying on efficient unit operations; including, but not necessarily limited to, unit voting procedures, selection, removal, or substitution of unit operator, and time of commencement and termination of unit operations.

CASE 5597: Southeastern New Mexico nomenclature case calling for an order for the creation and extension of certain pools in Eddy County, New Mexico.

(a) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Crow Flats-Morrow Gas Pool. The discovery well is the Samedan Oil Corporation Amoco Federal Well No. 1 located in Unit G of Section 19, Township 16 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM

Section 19: N/2

(b) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Sitting Bull Falls-Morrow Gas Pool. The discovery well is the American Quasar Petroleum Company of New Mexico Huber State Well No. 1 located in Unit F of Section 36, Township 23 South, Range 22 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 22 EAST, NMPM
Section 36: W/2

(c) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Little Box Canyon-Morrow Gas Pool. The discovery well is the Cities Service Oil Company Little Box Canyon Unit Well No. 1, located in Unit J of Section 7, Township 21 South, Range 22 East, NMPM. Said pool would comprise:

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

(d) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production and designated as the Cottonwood Draw-Strawn Gas Pool. The discovery well is the Robert N. Enfield Cottonwood Draw Unit Well No. 1, located in Unit L of Section 20, Township 25 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 25 SOUTH, RANGE 27 EAST, NMPM
Section 20: W/2

(e) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Twin Mills-Atoka Gas Pool. The discovery well is the Perry R. Bass Poker Lake Unit Well No. 42 located in Unit G of Section 10, Township 25 South, Range 30 East, NMPM. Said pool would comprise:

TOWNSHIP 25 SOUTH, RANGE 30 EAST, NMPM
Section 10: N/2

(f) EXTEND the Atoka San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
Section 21: N/2 SE/4

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

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 29: W/2
Section 31: N/2
Section 32: W/2

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

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM

Section 7: E/2

Section 8: W/2

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

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM

Section 1: S/2

(j) EXTEND the South Empire-Wolfcamp Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM

Section 30: S/2 SE/4

Section 31: N/2 NE/4

Section 32: N/2 NW/4

(k) EXTEND the South Sand Dunes Lower Penn Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 31 EAST, NMPM

Section 2: W/2

Section 3: N/2

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

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM

Section 22: All

NOMENCLATURE ADVERTISEMENT FOR DECEMBER, 1975
CASE 5597

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 County, New Mexico, and the extension of certain existing pools in Eddy County, 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 Crow Flats-Morrow Gas Pool. The discovery well is ^{Ar}Samedan Oil Corporation, Amoco Federal Well No. 1 located in Unit G of Section 19, Township 16 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM
Section 19: N/2

b) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Sitting Bull Falls-Morrow Gas Pool. The discovery well is ^{Ar}American Quasar Petroleum Company of New Mexico, Huber State Well No. 1 located in Unit F of Section 36, Township 23 South, Range 22 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 22 EAST, NMPM
Section 36: W/2

c) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Little Box Canyon-Morrow Gas Pool. The discovery well is ^{Ar}Cities Service Oil Company, Little Box Canyon Unit Well No. 1 located in Unit J of Section 7, Township 21 South, Range 22 East, NMPM. Said pool would comprise:

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

d) Create a new pool in Eddy County, New Mexico classified as a gas pool for Strawn production and designated as the Cottonwood Draw-Strawn Gas Pool. The discovery well is ^{Ar}Robert N. Enfield, Cottonwood Draw Unit Well No. 1 located in Unit L of Section 20, Township 25 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 25 SOUTH, RANGE 27 EAST, NMPM
Section 20: W/2

e) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Twin Mills-Atoka Gas Pool. The discovery well is ^{Ar}Perry R. Bass, Poker Lake Unit Well No. 42 located in Unit G of Section 10, Township 25 South, Range 30 East, NMPM. Said pool would comprise:

TOWNSHIP 25 SOUTH, RANGE 30 EAST, NMPM
Section 10: N/2

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Nomenclature Advertisement - December, 1975

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

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
Section 21: N/2 SE/4

- g) EXTEND the Avalon-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 29: W/2
Section 31: N/2
Section 32: W/2

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

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM
Section 7: E/2
Section 8: W/2

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

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM
Section 1: S/2

- j) EXTEND THE South Empire-Wolfcamp Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM
Section 30: S/2 SE/4
Section 31: N/2 NE/4
Section 32: N/2 NW/4

- k) EXTEND the South Sand Dunes Lower Penn Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 31 EAST, NMPM
Section 2: W/2
Section 3: N/2

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

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM
Section 22: All

NEW POOLS

It is recommended that a new GAS pool be created and designated as the COTTONWOOD DRAW-STRAWN GAS Pool.

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

Discovery well was Robert N. Enfield, Cottonwood Draw Unit Well No. 1 located in Unit L Section 20 Township 25 Range 27 and was completed on August 30, 1975. Top of perforations is at 10,682 feet.

It is recommended that a new GAS pool be created and designated as the TWIN MILLS-ATOKA GAS Pool.

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

Discovery well was Perry R. Bass, Poker Lake Unit Well No. 42 located in Unit G Section 10 Township 25 Range 30 and was completed on September 16, 1974. Top of perforations is at 13,732 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.

NEW POOLS

It is recommended that a new GAS pool be created and designated as the CROW FLATS-MORROW GAS 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 Samedan Oil Corporation, Amoco Federal Well No. 1 located in Unit G Section 19 Township 16 Range 28 and was completed on April 2, 1974. Top of perforations is at 9326 feet.

It is recommended that a new GAS pool be created and designated as the SITTING BULL FALLS-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 American Quasar Pet. Co. of New Mexico, Huber State #1 located in Unit F Section 36 Township 23 Range 22 and was completed on May 9, 1975. Top of perforations is at 10,052 feet.

It is recommended that a new GAS pool be created and designated as the LITTLE BOX CANYON-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 Cities Service Oil Co., Little Box Canyon Unit Well #1 located in Unit J Section 7 Township 21 Range 22 and was completed on August 29, 1975. Top of perforations is at 7986 feet.

CASE 5597 (a) CREATION OF A NEW GAS POOL

COUNTY Eddy POOL Crow Flats-Morrow Gas

TOWNSHIP	16S	RANGE	28E	NMPM
6	5	4	3	2
7	8	9	10	11
18	17	16	15	14
19	20	21	22	23
30	29	28	27	26
31	32	33	34	35

Purpose: One completed gas well capable of producing.

Disc. Well: Samedan Oil Corp., Amoco Federal #1-G, 19-16-28
Comp. 4-2-74 through Morrow perfs from 9326-36'.

Proposed pool boundary outlined in blue.

Section 19: N/2

CASE 5597 (b) CREATION OF A NEW GAS POOL

COUNTY Eddy POOL Sitting Bull Falls-Morrow Gas

TOWNSHIP	23S	RANGE	22E	NMPM
6	5	4	3	2
7	8	9	10	11
18	17	16	15	14
19	20	21	22	23
30	29	28	27	26
31	32	33	34	35
				36

Purpose: One completed gas well capable of producing.

Disc. well: American Quasar Petroleum Company of New Mexico
Huber State #1-F, 36-23-22. Comp. 5-9-75 through Morrow perfs
from 10,052-137'.

Proposed pool boundary outlined in blue.

Section 36: W/2

CASE 5597 (c) CREATION OF A NEW GAS POOL

COUNTY Eddy POOL Little Box Canyon-Morrow Gas

TOWNSHIP	21S	RANGE	22E	NMPM
6	5	4	3	2
7	8	9	10	11
18	17	16	15	14
19	20	21	22	23
30	29	28	27	26
31	32	33	34	35

Purpose: One completed gas well capable of producing.

Disc. Well: Cities Service Oil Co., Little Box Canyon Unit #1-J
7-21-22. Comp. 8-29-75 through Morrow perfs from 7986-8142'.

Proposed pool boundary outlined in blue.

Section 7: S/2

CASE 5597 (d) CREATION OF A NEW GAS POOL

COUNTY Eddy POOL Cottonwood Draw-Strawn Gas

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

Purpose: One completed gas well capable of producing.

Disc. Well: Robert N. Enfield, Cottonwood Draw Unit #1-L, 20-25-27.
Comp. 8-30-75 through Strawn perfs from 10682-710'.

Proposed pool boundary outlined in blue.

Section 20: W/2

COUNTY Eddy POOL Twin Mills-Atoka Gas

TOWNSHIP 25S RANGE 30E 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

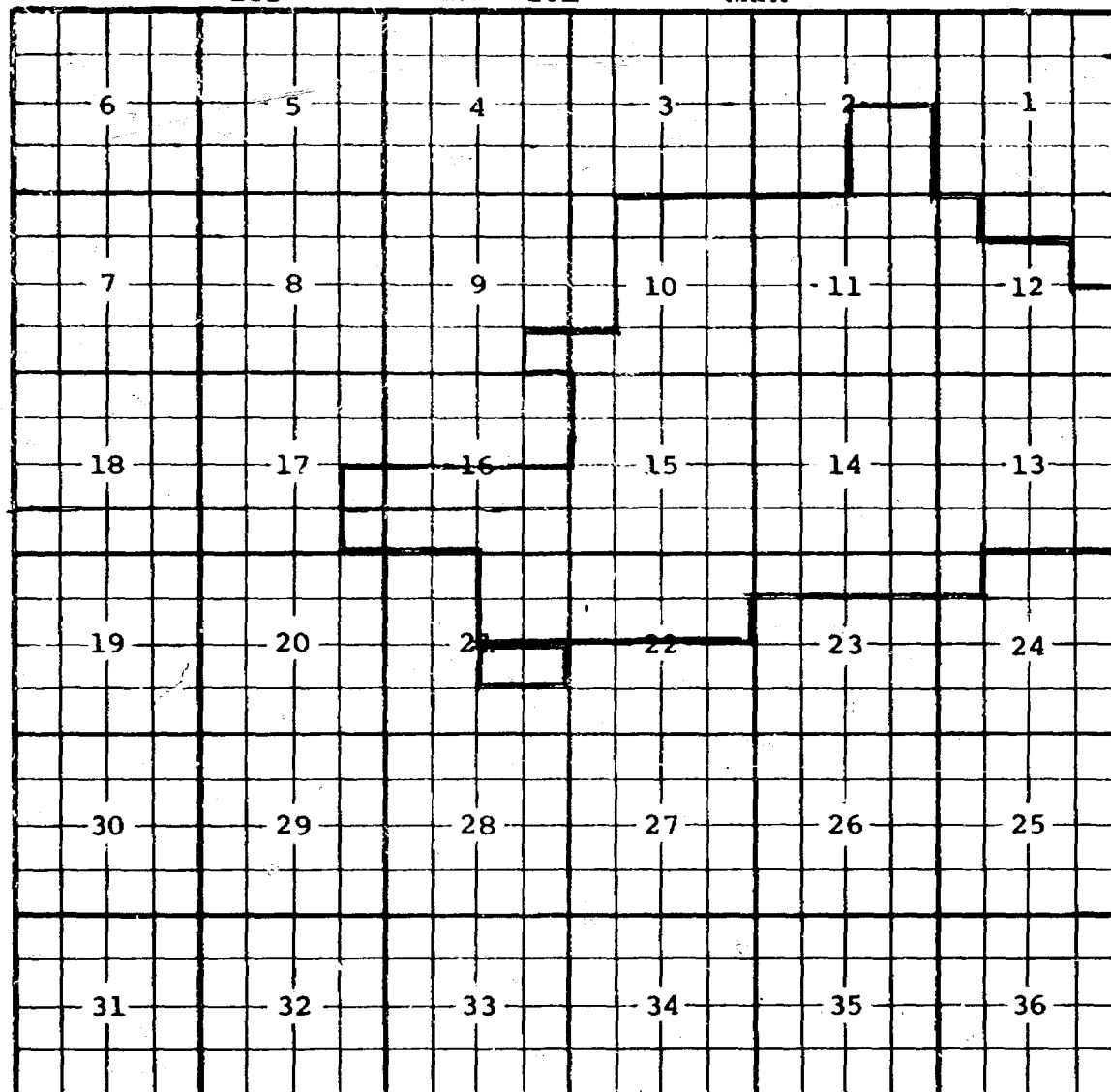
Disc. Well: Perry R. Bass, Poker Lake Unit #42-G, 10-25-30.
Comp. 9-16-74 through Atoka perfs from 13732-740'.

Section 10: N/2

CASE 5597 (f) EXTENSION OF AN EXISTING OIL POOL

COUNTY Eddy POOL Atoka-San Andres

TOWNSHIP 18S RANGE 26E NMPM



Purpose: One completed oil well capable of producing.

Operator Lease # & Ut. S.T.R. Comp. Form. TOP
Yates Pet.Corp. Dayton ER #1-I 21-18-26 10-17-75 San Andres 1577'

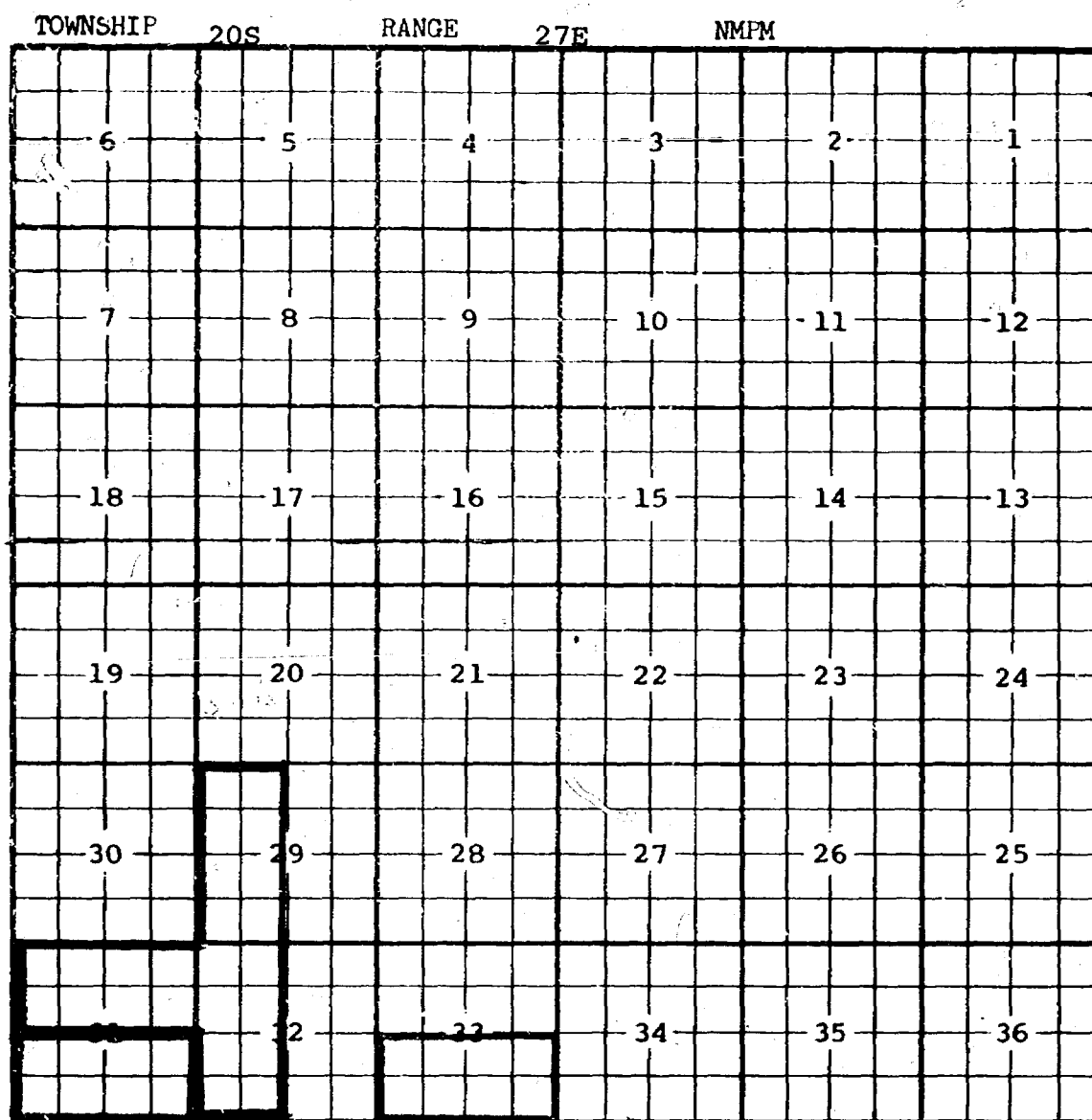
Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 21: N/2 SE/4

CASE 5597 (g) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL Avalon-Morrow Gas



Purpose: Two completed gas wells capable of producing.

Operator	Lease	#&Ut.	S.T.R.	Comp.	Form.	TOP
Coquina Oil Corp.	Wagner Fed.	2-L	29-20-27	7-26-75	Morrow	10483'
Monsanto Co.	Wagner Fed.	1-B	31-20-27	10-14-75	Morrow	10536'

Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 29: W/2

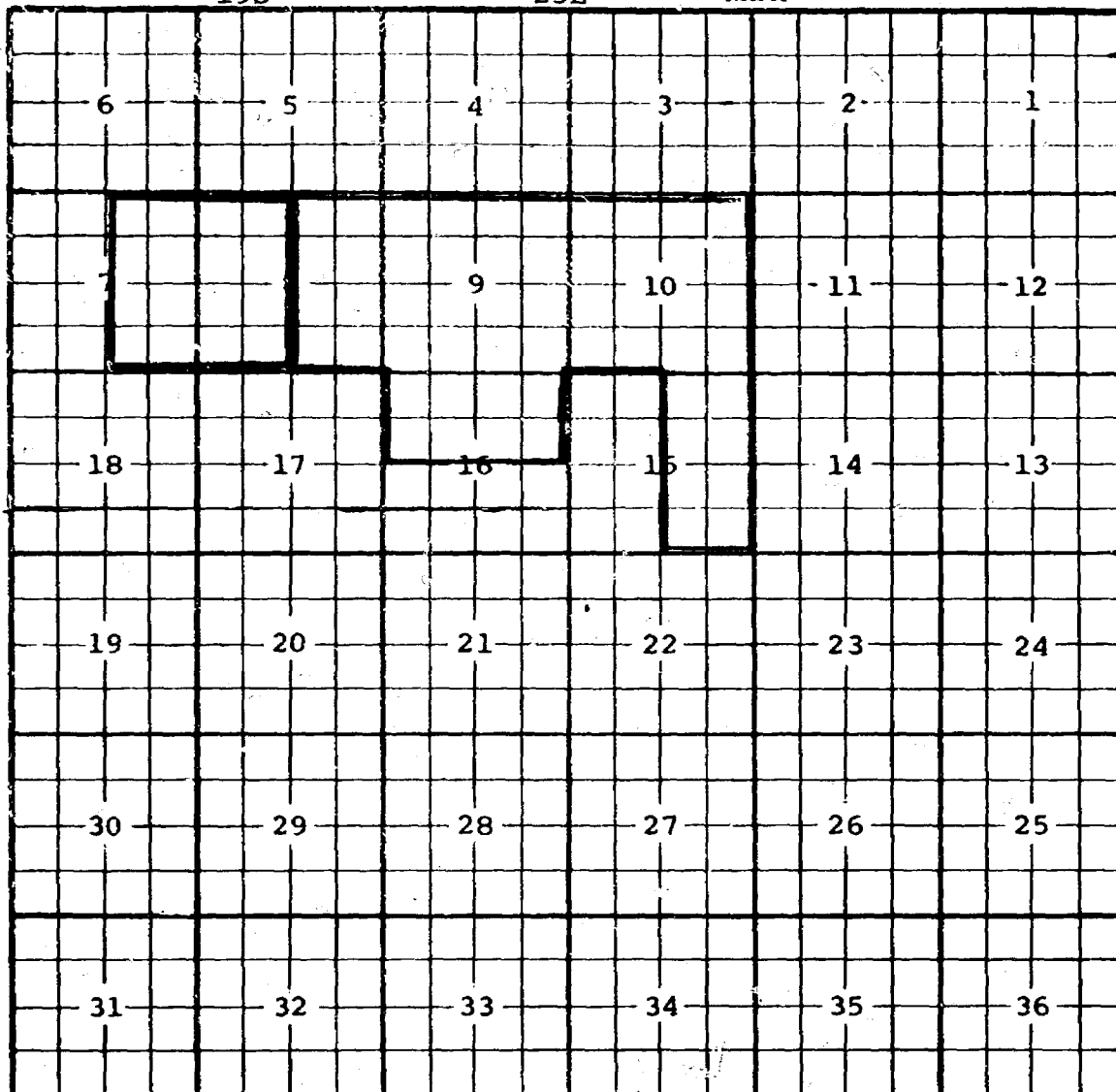
Section 31: N/2

Section 32: W/2

CASE 5597 (h) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL Boyd-Morrow Gas

TOWNSHIP 19S RANGE 25E NMFM



Purpose: One completed gas well capable of producing

Operator	Lease	#&Ut.	S.T.R.	Comp.	Form.	TOP
Roger C.Hanks	Trudy Com	1-J	7-19-25	9-26-75	Morrow	9018

Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 7: E/2

Section 8: W/2

CASE 5597 (i) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL South Empire-Morrow Gas

TOWNSHIP	18S	RANGE	28E	NMPM
6	5	4	3	2
7	8	9	10	11
18	17	16	15	14
19	20	21	22	23
30	29	28	27	26
31	32	33	34	35

Purpose: One completed gas well capable of producing.

Operator Lease #&Ut. S.T.R. Comp. Form. TOP
 Amoco Prod.Co. Empire So.Deep Ut. 6-0 1-18-28 9-17-75 Morrow 10831'

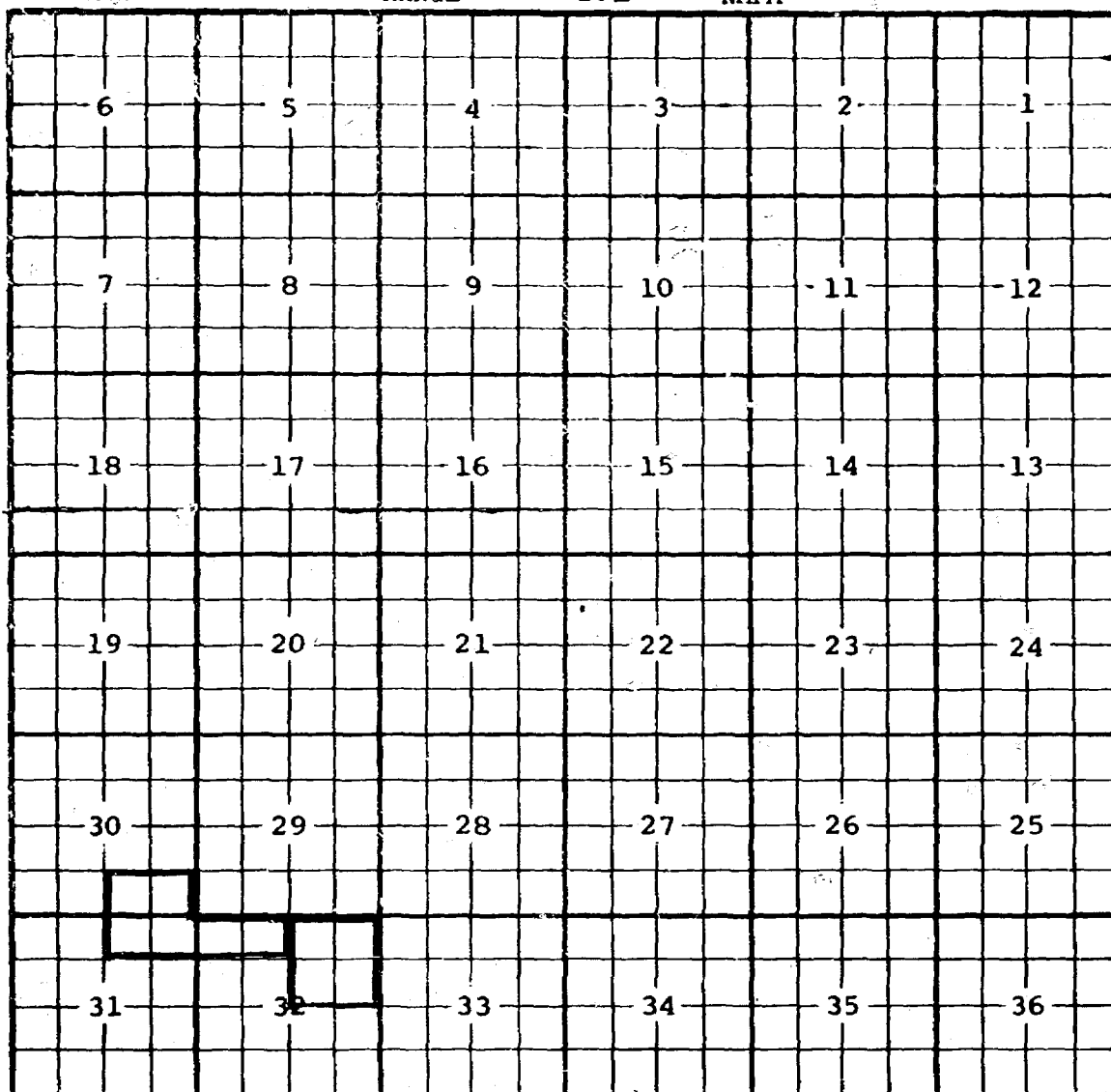
Pool boundary outlined in red.

Proposed extension outlined in blue.
 Section 1: S/2

CASE 5597 (j) EXTENSION OF AN EXISTING OIL POOL

COUNTY Eddy POOL South Empire-Wolfcamp

TOWNSHIP 17S RANGE 29E NMPM



Purpose: One completed oil well capable of producing.

Operator Lease #&Ut. S.T.R. Comp. Form.
Amoco Prod.Co. Empire So.Deep Unit 7-0 30-17-29 10-2-75 Wolfcamp

TOP

7863'

Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 30: S/2 SE/4

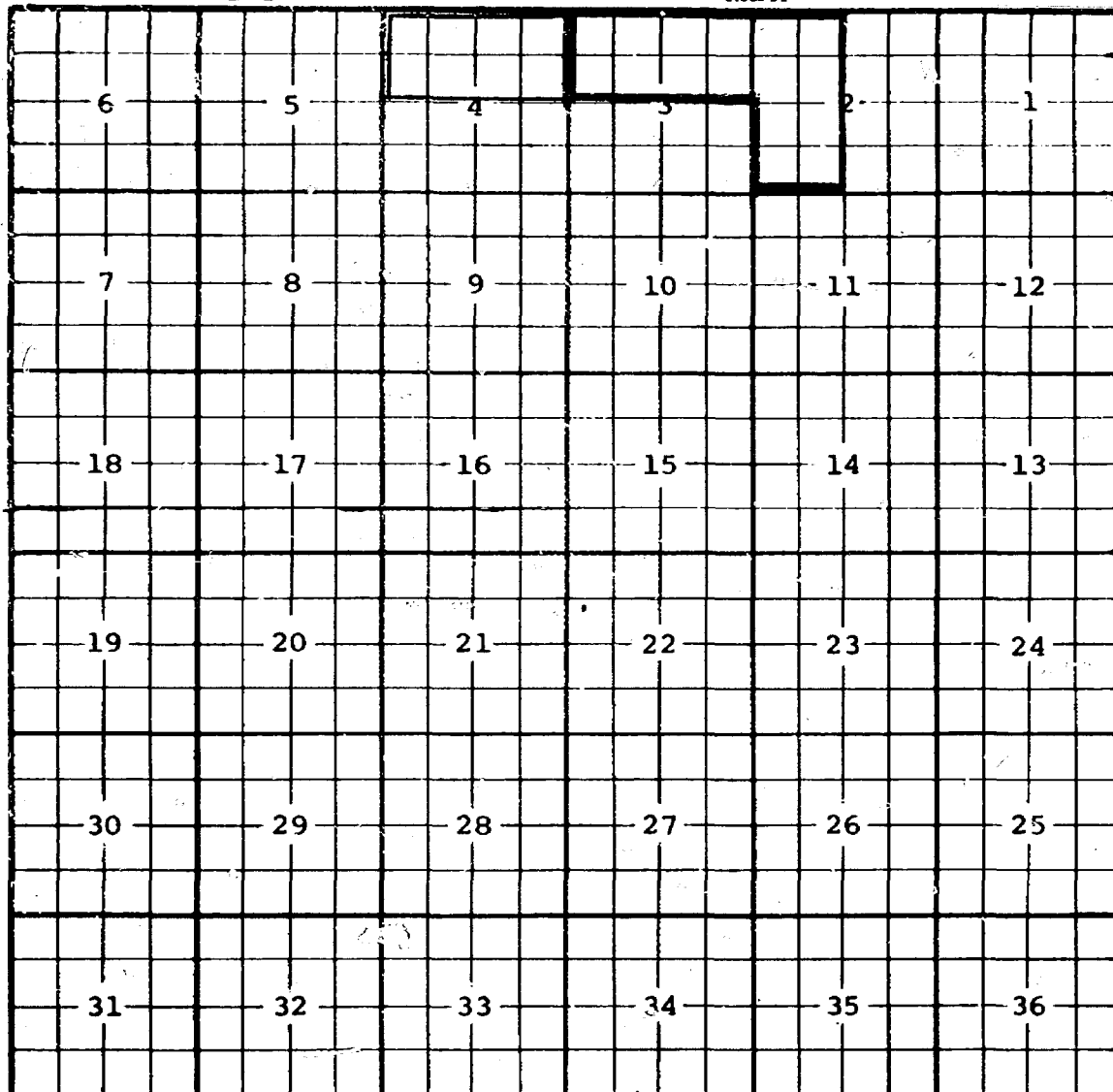
Section 31: N/2 NE/4

Section 32: N/2 NW/4

CASE 5597 (k) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL South Sand Dunes Lower-Penn. Gas

TOWNSHIP 24S RANGE 31E NMPM



Purpose: One completed gas well capable of producing.

Operator	Lease	#&Ut.	S.T.R.	Comp.	Form.	TOP
Skelly Oil Co.	Todd 2 State	1-F	2-24-31	9-9-75	Lower Penn	13508'

Pool boundary outlined in red.

Proposed extension outlined in blue.

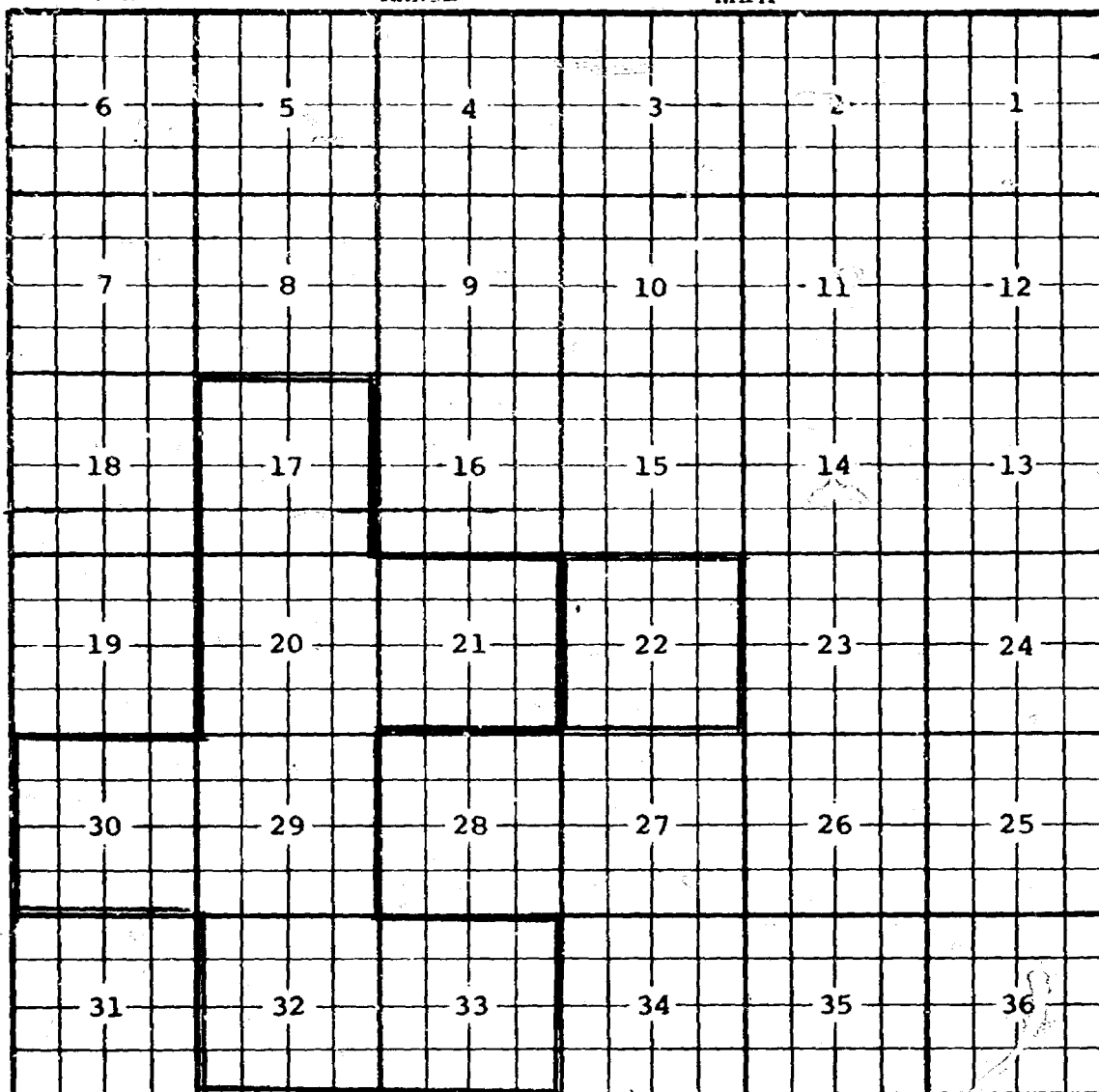
Section 2: W/2

Section 3: N/2

CASE 5597 (1) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL White City-Pennsylvanian Gas

TOWNSHIP 24S RANGE 26E NMFM



Purpose: One completed gas well capable of producing.

Operator	Lease	#&Ut.	S.T.R.	Comp.	Form.	TOP
C & K Pet.Inc.	Fed.22 Com	1-F	22-24-26	9-24-75	Morrow	11279'

Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 22: 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. 5597
ORDER NO. ~~5134~~ 5131

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:00 a.m. on December 3, 1975, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this _____ day of December, 1975, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

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

(2) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Crow Flats-Morrow Gas Pool. Said Crow Flats-Morrow Gas Pool was discovered by the Samedan Oil Corporation Amoco Federal Well No. 1, located in Unit G of Section 19, Township 16 South, Range 28 East, NMPM. It was completed in the Morrow formation on April 2, 1974. Top of the perforations is at 9326 feet.

(3) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Sitting Bull Falls-Morrow Gas Pool. Said Sitting Bull Falls-Morrow Gas Pool was discovered by the American Quasar Petroleum Company of New Mexico Huber State Well No. 1, located in Unit F of Section 36, Township 23 South, Range 22 East, NMPM. It was completed in the Morrow formation on May 9, 1975. Top of the perforations is at 10,052 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 Little Box Canyon-Morrow Gas Pool. Said Little Box Canyon-Morrow Gas Pool was discovered by the Cities Service Oil Company Little Box Canyon Unit Well No. 1, located in Unit J of Section 7, Township 21 South, Range 22 East, NMPM. It was completed in the Morrow formation on August 29, 1975. Top of the perforations is at 7986 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 Strawn formation, said pool to bear the designation of Cottonwood Draw-Strawn Gas Pool. Said Cottonwood Draw-Strawn Gas Pool was discovered by the Robert N. Enfield, Cottonwood Draw Unit Well No. 1, located in Unit L of Section 20, Township 25 South, Range 27 East, NMPM. It was completed in the Strawn formation on August 30, 1975. Top of the perforations is at 10,682 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 formation, said pool to bear the designation of Twin Mills-Atoka Gas Pool. Said Twin Mills-Atoka Gas Pool was discovered by the Perry R. Bas Poker Lake Unit Well No. 42, located in Unit G of Section 10, Township 25 South, Range 30 East, NMPM. It was completed in the Atoka formation on September 16, 1974. Top of the perforations is at 13,732 feet.

(7) That there is need for certain extensions to the Atoka San Andres Pool, the Avalon-Morrow Gas Pool, the Boyd-Morrow Gas Pool, the South Empire-Morrow Gas Pool, the South Empire-Wolfcamp Pool, the South Sand Dunes-Lower Penn Gas Pool, and the White City-Pennsylvanian Gas Pool, all in Eddy 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 Crow Flats-Morrow Gas Pool, consisting of the following described area:

TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM
Section 19: N/2

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

TOWNSHIP 23 SOUTH, RANGE 22 EAST, NMPM
Section 36: W/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 Little Box Canyon-Morrow Gas Pool, consisting of the following described area:

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

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

TOWNSHIP 25 SOUTH, RANGE 27 EAST, NMPM
Section 20: W/2

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

TOWNSHIP 25 SOUTH, RANGE 30 EAST, NMPM
Section 10: N/2

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

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
Section 21: N/2 SE/4

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

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 29: W/2
Section 31: N/2
Section 32: W/2

(h) 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 25 EAST, NMPM
Section 7: E/2
Section 8: W/2

(i) 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 18 SOUTH, RANGE 28 EAST, NMPM
Section 1: S/2

CASE NO. 5597
ORDER NO. _____

(j) That the South Empire-Wolfcamp 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 30: S/2 SE/4
Section 31: N/2 NE/4
Section 32: N/2 NW/4

(k) That the South Sand Dunes-Lower Penn Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 24 SOUTH, RANGE 31 EAST, NMPM
Section 2: W/2
Section 3: N/2

(l) 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 22: 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 January 1, 1976.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

PHIL R. LUCERO, Chairman

EMERY C. ARNOLD, Member

JOE D. RAMEY, Member & Secretary

S E A L