

Case Number
4666

Application

Transcripts

Small Exhibits

ETC.

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BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
MORGAN HALL, STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO
February 16, 1972

EXAMINER HEARING

IN THE MATTER OF:

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

CASE NO. 4666

BEFORE: Elvis Utz
Examiner

TRANSCRIPT OF HEARING

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1 MR. UTZ: Case 4666.

2 MR. HATCH: Case 4666: Southeast nomenclature case
 3 calling for an order for the creation and extension of
 4 certain pools in Lea, Chaves and Eddy Counties, New Mexico.

5 The Commission will call Mr. Ramey.

6 J. D. RAMEY,

7 was called as a witness and, after being duly sworn, testified
 8 as follows:

9 DIRECT EXAMINATION

10 BY MR. HATCH:

11 Q Would you state your name and position, for the record,
 12 please?

13 A J. D. Ramey, Supervisor for the Commission in District I,
 14 Hobbs.

15 MR. UTZ: Let me ask for appearances.

16 MR. HINKLE: Clarence Hinkle of Hinkle, Bondurant
 17 and Christy, Roswell, New Mexico. I am appearing on behalf
 18 of Lone Star Producing Company, in connection with item (j)
 19 which involved the Tres Papalotes-Pennsylvanian Pool.

20 MR. UTZ: Any other appearances?

21 (No response.)

22 MR. UTZ: You may proceed.

23 Q (By Mr. Hatch) Are you prepared, Mr. Ramey, to make
 24 certain recommendations concerning the creation and
 25 extension of certain pools in Lea, Chaves and Eddy

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1 Counties, New Mexico?

2 A Yes, I am.

3 Q Are your recommendations prepared in the form of an
 4 Exhibit?

5 A Yes.

6 Q Will you refer to Exhibit Number 1, paragraphs "A through
 7 K" and point out the difference between the dockets
 8 described?

9 A I have an addition in paragraph "J", however, I think
 10 at this time, we should -- I will withhold my
 11 recommendation for paragraph "J" until Mr. Hinkle and
 12 his witness have presented their testimony.

13 Q The Exhibit is the same as the docket, with the
 14 exception of paragraph "J"?

15 A Yes, the remainder is the same with the exception of
 16 "J".

17 Q Do you recommend the pools there, with the exception
 18 of paragraph "J", be extended, as shown on the docket?

19 A Yes, I do.

20 Q Was Exhibit Number 1 prepared by you, or by some member
 21 of the Commission's staff?

22 A It was, yes.

23 MR. HATCH: I think, at this time, that will be
 24 all. Mr. Ramey may wish to appear after Mr. Hinkle's witness.

25 MR. UTZ: Do you want to introduce your Exhibit?

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1 MR. HATCH: We will wait a few minutes and see.

2 THE WITNESS: I may wish to make a statement after
 3 Mr. Hinkle finishes.

4 (Witness excused.)

5 MR. HINKLE: We have one witness we would like to
 6 have sworn.

7 GERALD D. HURD,

8 appeared as a witness and, after being duly sworn, testified
 9 as follows:

10 DIRECT EXAMINATION

11 BY MR. HINKLE:

12 Q Would you state your name --

13 MR. UTZ: This is Lone Star, right?

14 MR. HINKLE: That is right, the Lone Star Producing
 15 Company.

16 Q (By Mr. Hinkle) Would you state your name and
 17 residence, and by whom you are employed?

18 A Gerald D. Hurd, Midland, Texas, and I am employed by
 19 the Lone Star Producing Company.

20 Q What is your position with Lone Star?

21 A District Engineer for West Texas.

22 Q Are you a Petroleum Engineer?

23 A I am.

24 Q Have you testified previously before the Commission?

25 A No, I have not.

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1 Q State briefly your education and experience qualifications
 2 as a Petroleum Engineer.

3 A I was graduated in 1955, with a Bachelor of Science
 4 Degree in Petroleum Engineering from the University of
 5 Tulsa.

6 I worked as a Reservoir Engineer with Sinclair
 7 Oil Company, for seven years and the Forest Oil Company
 8 for eight years.

9 I have been with Lone Star for ten months.

10 Q Have you made a study of the Tres Papolotes-Pennsylvanian
 11 Pool in Lea County, New Mexico?

12 A Yes.

13 MR. HINKLE: Are the witness' qualifications
 14 accepted?

15 MR. UTZ: Yes, they are.

16 Q (By Mr. Hinkle) Have you prepared, or have you had
 17 prepared, under your direction, certain Exhibits to
 18 be introduced in this case?

19 A Yes, I have.

20 Q I refer you to Exhibit Number 1, will you explain to
 21 the Commission what it is, and what it shows?

22 A This is a cross section of five wells in the area that
 23 are marked Tres Papalotes area. There is a small map
 24 in the lower left hand corner of the contour of the top
 25 of the surface line and it also shows the location of

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1 the wells and cross sections.

2 It may be noted that those wells colored in green
 3 are producing from the upper zone of the Pennsylvanian
 4 formation, and those in orange are producing from the
 5 lower zone.

6 Q Where are the Lone Star wells located?

7 A In Section 33.

8 Q All three of the wells shown?

9 A All three of the wells shown are Lone Star wells.

10 Q Which was the discovery well?

11 A Number 8, the one in the north was the discovery well
 12 and it was discovered in January, 1970 -- or was
 13 completed in January of 1970.

14 Q Was the MacDonald-State shown as a dry hole in Section 32,
 15 completed before you made the discovery in Section 33?

16 A Yes, it was.

17 Q When was the Sun-State well drilled in Section 34?

18 A Subsequent to the discovery well.

19 Q Were the wells shown in Sections 29, 30, and 31, in
 20 green, drilled subsequent to the development of your
 21 wells in Section 33?

22 A The producing wells have been drilled in the past six
 23 months.

24 Q Now, explain to the Commission your cross section here
 25 and what it shows.

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1 A Well, we attempted to show here that we have at least
 2 two producing wells here and they are completed in
 3 the upper zone of the Pennsylvanian.

4 Although we only have one represented here, we
 5 have two similarly completed in the lower zone of
 6 the Pennsylvanian.

7 Q And it also shows the MacDonald-State Number 1 dry
 8 hole?

9 A Yes.

10 Q And the Lone Star Number 1 well which was the discovery
 11 well and the Sun-State Number 1?

12 A Yes.

13 Q What are the producing zones in the State Number 1 Lone
 14 Star?

15 A What are the producing zones?

16 Q Yes.

17 A They are in the lower zone of the Pennsylvanian section.

18 Q In your opinion, are these separate reservoirs?

19 A Yes, we believe them to be producing from separate
 20 reservoirs.

21 Q Does your Exhibit indicate a low in between?

22 A There appears to be. There are three drill holes
 23 between the Tres Papalotes field or pool, and these
 24 two wells.

25 Q Is there any production to the north of the Mark-Shell

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- 1 State Number 1 and the Mark-Etcheberry Number 1?
- 2 A Yes, the Saunders is immediately north.
- 3 Q In your opinion, are these producing, the two Mark wells,
- 4 producing from a separate zone, or are they producing
- 5 from the east Saunders Pool?
- 6 A I don't really know that I studied that enough to
- 7 answer that question.
- 8 Q The Saunders wells are producing from the uper zone,
- 9 are they not?
- 10 A Yes.
- 11 Q So it is possible they could be producing from the
- 12 same pool in the Pennsylvanian, as the Saunders wells?
- 13 A Very likely.
- 14 Q Would that be more likely than them producing from the
- 15 Tres Papalotes area?
- 16 A Definitely.
- 17 Q Because of the dry holes in between?
- 18 A Well, not only because of the dry holes, but because
- 19 of their position in the Pennsylvanian section.
- 20 Q An entirely different interval?
- 21 A Yes.
- 22 Q What is the interest of Lone Star in this situation,
- 23 this proposed extension?
- 24 A We plan in the future, to attempt unitization of water
- 25 flooding in the immediate area and hopefully we will

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1 not have to complicate matters by including other wells
2 and other zones.

3 Q If you go ahead with your secondary recovery program,
4 with your three wells, in Section 33, you would be
5 flooding the producing area where your Lone Star 86,
6 State Number 1 is located; is that right?

7 A That's right.

8 Q Rather than the upper horizon, which is shown in the
9 upper left-hand portion of the plat?

10 A That's right.

11 Q It would be an entirely different situation then?

12 A Yes.

13 Q And that is your primary interest in this, so as not
14 to have additional acreage included in the future so
15 you would not have to deal with it as far as your
16 secondary recovery is concerned?

17 A Not only secondary recovery, but mainly our unitization.

18 Q Is there anything you would like to bring out in
19 connection with this Exhibit?

20 A I don't believe so.

21 MR. HINKLE: We will offer Exhibit Number 1.

22 MR. UTZ: Without objection, it will be entered
23 into the record of this Case.

24 (Whereupon, applicant's Exhibit 1 was admitted
25 in evidence.)

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CROSS-EXAMINATION

BY MR. RAMEY:

Q Are you aware now that the Tres Papalotes has been extended to include the south half of Section 29?

A Yes, I didn't attend the hearing on it, but I know about it.

Q The Commission has already extended this and the extension today was to include the other two wells?

A Yes.

Q In Sections 30 and 31?

A Yes.

Q Under pool rules, both the Tres Papalotes and the Saunders, aren't these Pennsylvanian Pools?

A I'm not sure about that.

Q I think our problem has been in this area, that it seems like we have Tres Papalotes Pennsylvanian and East Saunders Pennsylvanian, and one of these pools have fixed well locations and none of the operators want to drill on fixed well locations.

I don't remember which has a fixed well location.

MR. UTZ: Do you know, Mr. Herd, whether the East Saunders has fixed well locations?

THE WITNESS: I'm afraid I don't know. We are not bothered by the East Saunders anyway, that is a separate situation.

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1 MR. UTZ: Mr. Hurd, in your opinion -- while
2 Mr. Ramey is looking that up, in your opinion, is your area
3 undesignated at this time?

4 THE WITNESS: Well, I believe we are in the Tres
5 Papolotes Pool.

6 MR. UTZ: My question is, is this area where the
7 four wells are shown an undesignated area?

8 THE WITNESS: I would say that it is not an
9 undesignated area, it is in the Tres Papolotes Pool.

10 MR. UTZ: It is in the Tres Papolotes at this time?

11 THE WITNESS: Yes.

12 MR. UTZ: It is designated as Section 32 and the
13 northeast section of Section 31, that doesn't include Sections
14 33 and 34.

15 MR. RAMEY: I think what the situation is, Mr. Utz,
16 I think, in my mind, this is probably a separate structure
17 and these four wells are in the Tres Papolotes, however, as
18 you know, it is not unusual to drill dry holes and come back
19 later and make wells out of them.

20 I cannot locate the horizontal limits of the East
21 Saunders, at this time, but I would be in favor at this time,
22 to just dismiss paragraph "J" from the nomenclature for
23 further study and we will make a detailed study of the whole
24 area and see what can be done.

25 I would not object to Mr. Hinkle's request, at

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1 this time -- Mr. Hurd's request.

2 MR. UTZ: Mr. Hurd, how close would the extension
3 get -- you are not really concerned with the East Saunders
4 Pool?

5 THE WITNESS: Well, we are not really concerned
6 with the East Saunders, we are just concerned that all the
7 other operators and producers would be involved with our
8 unitization program and they really, actually, don't even
9 care to be involved.

10 I think they would rather do something themselves
11 over there later.

12 (Whereupon, an off the record discussion was held.)

13 MR. UTZ: Mr. Hurd, in the Number 80 well out in
14 Section 33, is that producing from the same zone as the
15 Number 86 well?

16 THE WITNESS: Yes, they are.

17 MR. UTZ: Any questions of Mr. Hurd?

18 MR. PORTER: There is one point I think should
19 be clarified. I believe Mr. Ramey asked if the area in
20 the south half of Section 29 was already in the pool and I
21 believe the witness said he didn't think that there had
22 been a Hearing on it.

23 THE WITNESS: That's right.

24 MR. PORTER: For the record, the only way the
25 Commission can extend a pool is by a Hearing.

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1 MR. RAMEY: This is an active area and it has
2 just been in the last few months, I believe it was just a
3 month ago, that it was extended to include the Mark well.

4 MR. HINKLE: In your study we would like to have
5 you consider deleting that and only putting Section 33 in
6 the Tres Papolotes because it is going to make a difference.

7 Our only interests is for water flooding purposes.

8 THE WITNESS: I'm not sure I want to go that
9 far, I would rather see the east half of Section 32 placed
10 in the Tres Papolotes and the northeast quarter of Section 5.

11 I am not certain where it belongs, but I think we
12 are mostly interested in eliminating the Section a distance
13 away from our field, specifically the west half of Section 32
14 and the northeast quarter of Section 31.

15 MR. UTZ: Do I understand you to say, Mr. Herd,
16 that you are suggesting the east half of Section 32 be
17 put in the Tres Papolotes Pool?

18 THE WITNESS: Yes, I believe so.

19 MR. UTZ: How about that dry hole there?

20 THE WITNESS: Fine.

21 MR. UTZ: What would you say about the southeast
22 quarter of Section 28?

23 THE WITNESS: I imagine that would belong there
24 as well as anyplace, belong in the Tres Papolotes.

25 MR. UTZ: Are there any further questions?

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1 (No response.)

2 MR. UTZ: If not, the witness may be excused.

3 (Witness excused.)

4 J. D. RAMEY,

5 was recalled as a witness and, having been already duly
 6 sworn, testified as follows:

7 DIRECT EXAMINATION

8 BY MR. HATCH:

9 Q Mr. Ramey, you are moving for a dismissal of paragraph
 10 "J" at this time?

11 A Yes.

12 Q did you prepare Exhibit Number 1?

13 A Yes.

14 MR. HATCH: I would like to move for the introduction
 15 of Exhibit 1, at this time.

16 MR. UTZ: We have accepted Lone Star's Exhibit
 17 Number 1 as well as Mr. Ramey's Exhibit 1.

18 (Whereupon Commission Exhibit Number 1 was admitted
 19 into evidence.)

20 MR. UTZ: Paragraph "J" will be dismissed. The
 21 Case will be taken under advisement.

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1 STATE OF NEW MEXICO)
) ss
 2 COUNTY OF BERNALILLO)

3 I, RICHARD E. McCORMICK, a Certified Shorthand Reporter,
 4 in and for the County of Bernalillo, State of New Mexico,
 5 do hereby certify that the foregoing and attached Transcript
 6 of Hearing before the New Mexico Oil Conservation Commission
 7 was reported by me; and that the same is a true and correct
 8 record of the said proceedings to the best of my knowledge,
 9 skill and ability.

10
 11 
 12 CERTIFIED SHORTHAND REPORTER

23 I do hereby certify that the foregoing is
 24 a complete and true copy of the transcript of
 25 the hearing held on 11-16-72, at 4466,
 New Mexico Oil Conservation Commission

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I N D E XWITNESS:PAGEJ. D. RAMEY

Direct Examination by Mr. Hatch

3

GERALD D. HURD

Direct Examination by Mr. Hinkle

5

Cross-Examination by Mr. Ramey

11

J. D. RAMEY (recalled)

Direct Examination by Mr. Hatch

15

E X H I B I T SCOMMISSION'SOFFEREDADMITTED

Exhibit Number 1

Mr. Ramey's
Recommendations

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15

APPLICANT'S

Exhibit Number 1

Lone Star's
Data

6

10

MARK PRODUCTION COMPANY

1108 SIMONS BUILDING
DALLAS, TEXAS 75201

CURTIS W. MEWBOURNE
PRESIDENT

February 23, 1972

748-0388
AREA CODE 214

RECEIVED

FEB 25 1972

OIL CONSERVATION COMM.
SANTA FE


New Mexico Oil Conservation Commission
State Land Office Building
Santa Fe, New Mexico 87501

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

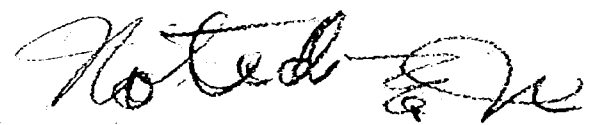
Mark Production Company operates three wells located in Sections 29, 30 and 32, T14S, R34E, Lea County, New Mexico. These three wells have been completed on 160 acre spacing and have been developed as a part of the Tres Papalotes (Permo-Penn) Field, the field to which they were assigned by the Commission. We have been requested to apply for new pool designation for this area, and we hereby do so, requesting that this area be named the Metts (Permo-Penn) Field. We request that the spacing be designated as 160 acres per well and request the same special rules in effect for the Tres Papalotes (Permo-Penn) Field, since these are the rules under which this area has been developed.

Very truly yours,


Curtis W. Mewbourne

CWM/bw

cc: Mr. J. D. Ramey
New Mexico Oil Conservation
Commission
P. O. Box 1980
Hobbs, New Mexico


2-28-72



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO
P. O. BOX 2088 - SANTA FE
87501

GOVERNOR
BRUCE KING
CHAIRMAN

**LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER**

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

February 18, 1972

Mr. Clarence Hinkle
Hinkle, Bondurant, Cox & Eaton
Attorneys at Law
Post Office Box 10
Roswell, New Mexico 88201

Re: Case No. 4666
Order No. R-4258
Applicant:

OCC

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Very truly yours,

A. L. Porter, Jr.

A. L. PORTER, Jr.
Secretary-Director

ALP/ir

copy of order also sent to:

Hobbs OCC	<u>x</u>
Artesia OCC	<u>x</u>
Aztec OCC	

Other _____

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. 4666
Order No. R-4258

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 10:00 a.m. on February 16, 1972, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 18th day of February, 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 oil pool in Lea County, New Mexico, for the production of oil from the Wolfcamp formation, said pool to bear the designation of La Rica-Wolfcamp Pool. Said La Rica-Wolfcamp Pool was discovered by the Union Oil Company of California, Pipeline "A" Federal Well No. 1, located in Unit G of Section 8, Township 19 South, Range 34 East, NMPM. It was completed in the Wolfcamp formation on October 27, 1971. The top of the perforations is at 10,824 feet.

(3) That there is need for certain extensions to the Double L-Queen Associated Pool, the Haystack-Cisco Gas Pool, and the Sulimar-Queen Pool, all in Chaves County, New Mexico,

-2-

CASE NO. 4666

Order No. R-4258

the Indian Basin-Upper Pennsylvanian Gas Pool and the Shugart Pool, both in Eddy County, New Mexico, the Dollarhide-Fusselman Pool, the Flying "M"-San Andres Pool, the Sawyer-San Andres Gas Pool, and the Wantz-Granite Wash Pool, all in Lea County, New Mexico. Further, that the proposed extension to the Tres Papalotes-Pennsylvanian Pool, Lea County, New Mexico, should be dismissed pending further study.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
Section 8: NE/4

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

TOWNSHIP 24 SOUTH, RANGE 38 EAST, NMPM
Section 30: SE/4

(c) That the Double L-Queen Associated Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 14 SOUTH, RANGE 29 EAST, NMPM
Section 24: NW/4 SW/4

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

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
Section 31: E/2

(e) 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 16: S/2

-3-

CASE NO. 4666

Order No. R-4258

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

TOWNSHIP 22 SOUTH, RANGE 23 EAST, NMPM

Section 22: All

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

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM

Section 24: NE/4 NW/4

(h) 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 26: E/2

(i) That the Sulimar-Queen Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM

Section 26: NW/4 SE/4 and NE/4 SW/4

(j) That the proposed extension to the Tres Papalotes-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM

Section 30: SE/4

Section 31: NE/4

Section 32: All

TOWNSHIP 15 SOUTH, RANGE 34 EAST, NMPM

Section 5: NE/4

is hereby dismissed.

(k) That the Wantz-Granite Wash Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is

-4-
CASE NO. 4666
Order No. R-4258

hereby extended to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
Section 11: E/2
Section 12: SW/4

IT IS FURTHER ORDERED:

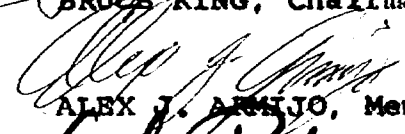
(1) That, pursuant to Section 65-3-14.5, NMSA 1953, contained in Chapter 271, Laws of 1969, any well which, by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one which is presently dedicated thereto, shall have 60 days from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

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

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


BRUCE KING, Chairman


ALEX J. ARRIJO, Member


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


S E A L

dr/

CASE 4666: Southeast nomenclature case calling for an order for the creation and extension of certain pools in Lea, Chaves and Eddy Counties, New Mexico.

(a) Create a new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production and designated as La Rica-Wolfcamp Pool. The discovery well is the Union Oil Company of California Pipeline "A" Federal No. 1 located in Unit G of Section 8, Township 19 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
SECTION 8: NE/4

(b) Extend the Dollarhide-Fusselman Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 38 EAST, NMPM
SECTION 30: SE/4

(c) Extend the Double L-Queen Associated Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 29 EAST, NMPM
SECTION 24: NW/4 SW/4

(d) Extend the Flying "M"-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
SECTION 31: E/2

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

TOWNSHIP 6 SOUTH, RANGE 27 EAST, NMPM
SECTION 16: S/2

(f) Extend the Indian Basin-Upper Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 23 EAST, NMPM
SECTION 22: All

(Case 4666 continued)

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

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM
SECTION 24: NE/4 NW/4

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

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM
SECTION 26: E/2

(i) Extend the Sulimar-Queen Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM
SECTION 26: NW/4 SE/4 and NE/4 SW/4

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

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM
SECTION 31: NE/4
SECTION 32: All

TOWNSHIP 15 SOUTH, RANGE 34 EAST, NMPM
SECTION 5: NE/4

(k) Extend the Wantz-Granite Wash Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 11: E/2
SECTION 12: SW/4

CASE 4667: Northwest New Mexico nomenclature case calling for an order for the creation and extension of certain pools in San Juan, Rio Arriba, McKinley and Sandoval Counties, New Mexico,

(a) Create a new pool in San Juan County, New Mexico, classified as an oil pool for Pennsylvanian Buena production, be and the same is hereby created and designated as the Buena Suerte-Pennsylvanian Oil Pool. The discovery well

CASE 4666: (a) CREATION OF A NEW OIL POOL
COUNTY LEA POOL LA RICA-WOLFCAMP

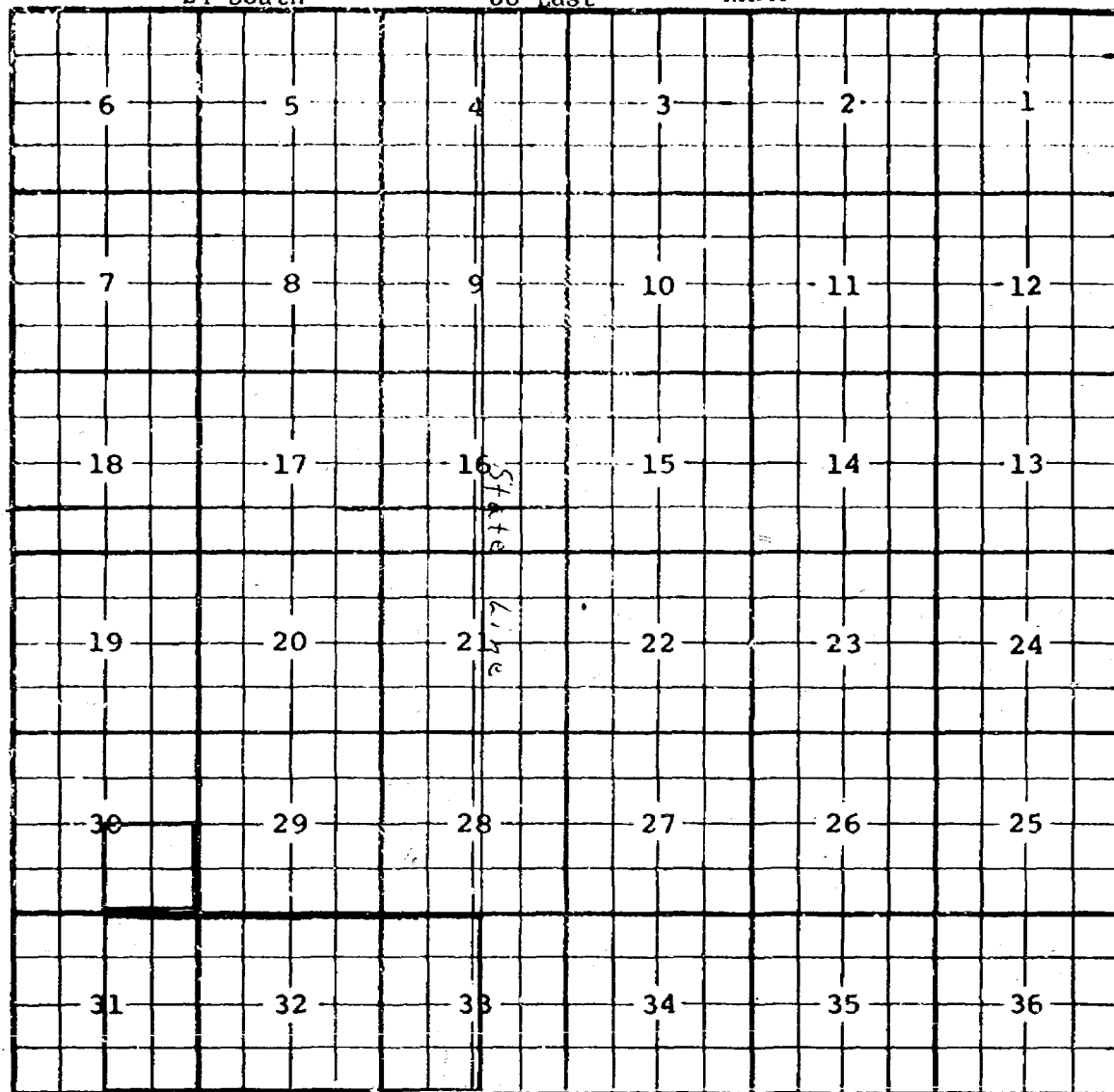
TOWNSHIP	19 South	RANGE	34 East	NMPM	
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: One completed oil well capable of producing.
UNION OIL COMPANY OF CALIFORNIA - Pipeline "A" Federal #1 in Unit G of
Section 8-19-34. Completed in Wolfcamp on October 27, 1971. Top of
Perforations 10,924'.
Proposed pool boundary colored in red. SECTION 8: NE/4

CASE 4666: (b) EXTENSION OF AN EXISTING OIL POOL

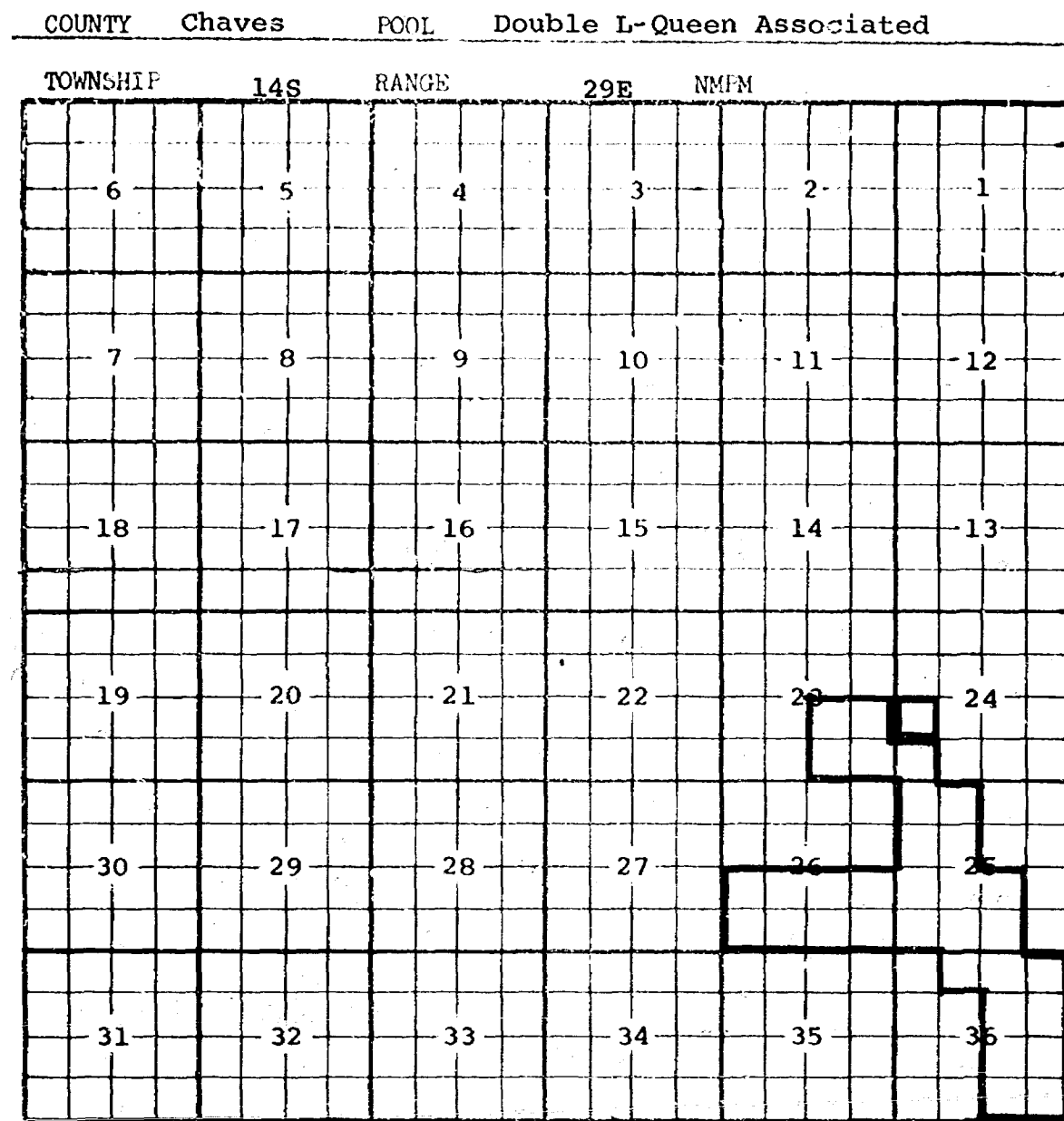
COUNTY LEA POOL DOLLARHIDE-FUSSELMAN

TOWNSHIP 24 South RANGE 38 East NMFM



PURPOSE: One completed oil well capable of producing.
HNG OIL COMPANY - RAF "30" #1 in Unit O of Section 30-24-38. Completed
in Fusselman December 10, 1971. Top of Perforations 8753'.
Pool boundary colored in red.
Proposed pool extension colored in green. SECTION 30: SE/4

CASE 4666: (c) EXTENSION OF AN EXISTING OIL POOL



Purpose: One completed oil well capable of producing.

Operator	Lease	# & Ut. S.T.R.	Comp.	Form.	TOP
Roark & Hooker	Sun State	1-L 24-14-29	12-16-71	Queen	1870

Pool boundary outlined in red

Proposed extension outlined in green

Sec. 24: NW/4 SW/4

CASE 4666: (d) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL FLYING "M"-SAN ANDRES

TOWNSHIP 9 South RANGE 33 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: Two completed oil wells capable of producing.

COASTAL STATES GAS PRODUCING COMPANY - Gonsales "31" Federal #1 in Unit J of Section 31-9-33. Completed in San Andres on December 29, 1971. Top of Perforations 4214'.

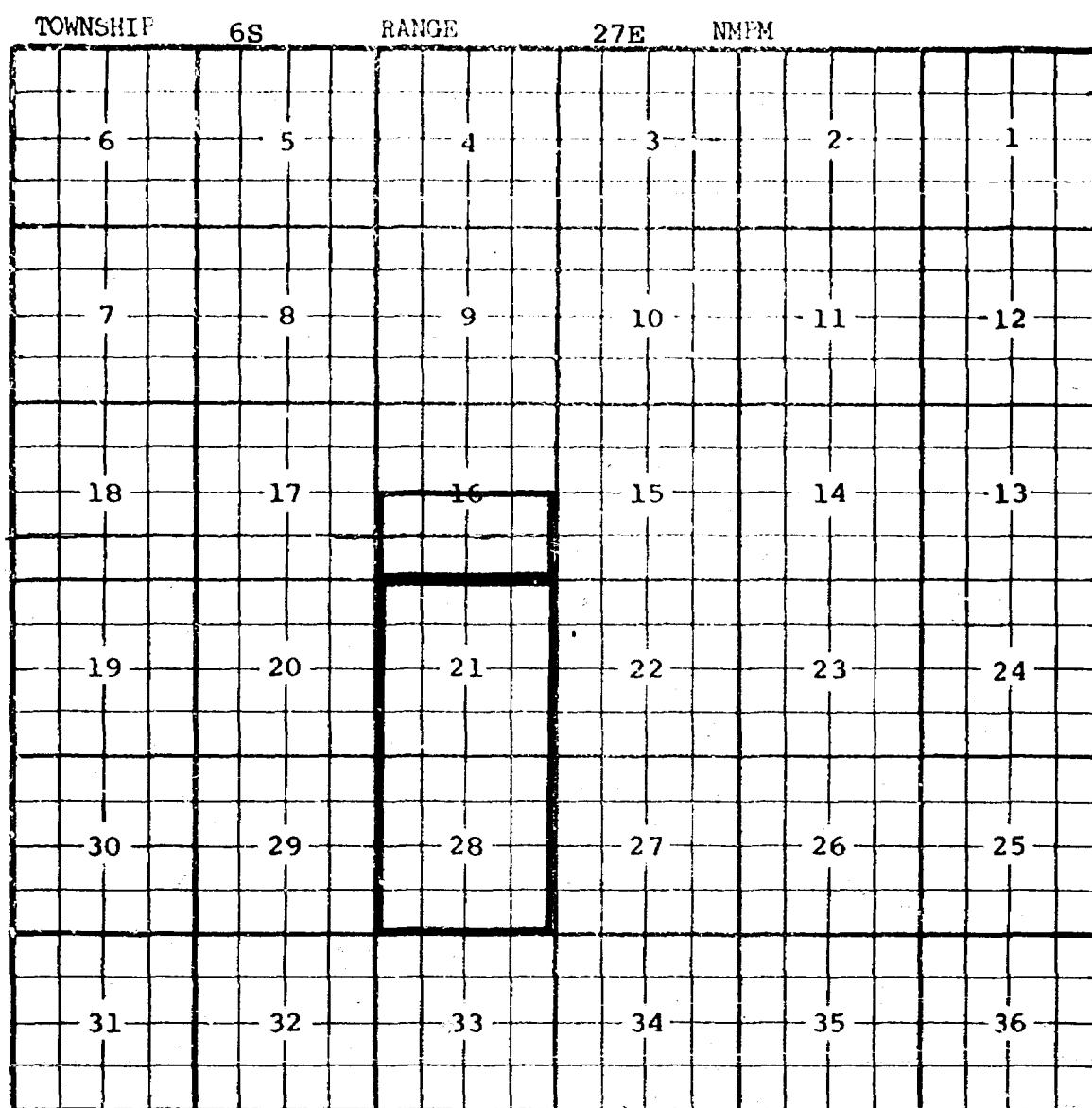
COASTAL STATES GAS PRODUCING COMPANY - Gonsales "31" Federal #2 in Unit H of Section 31-9-33. Completed in San Andres on January 10, 1972. Top of Perforations 4261'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 31: E/2

CASE 4666: (e) 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
Shenandoah Oil Corp. N.Mex.L State 1-K 16-6-27 10-28-71 Cisco 5890'

Pool boundary outlined in red.

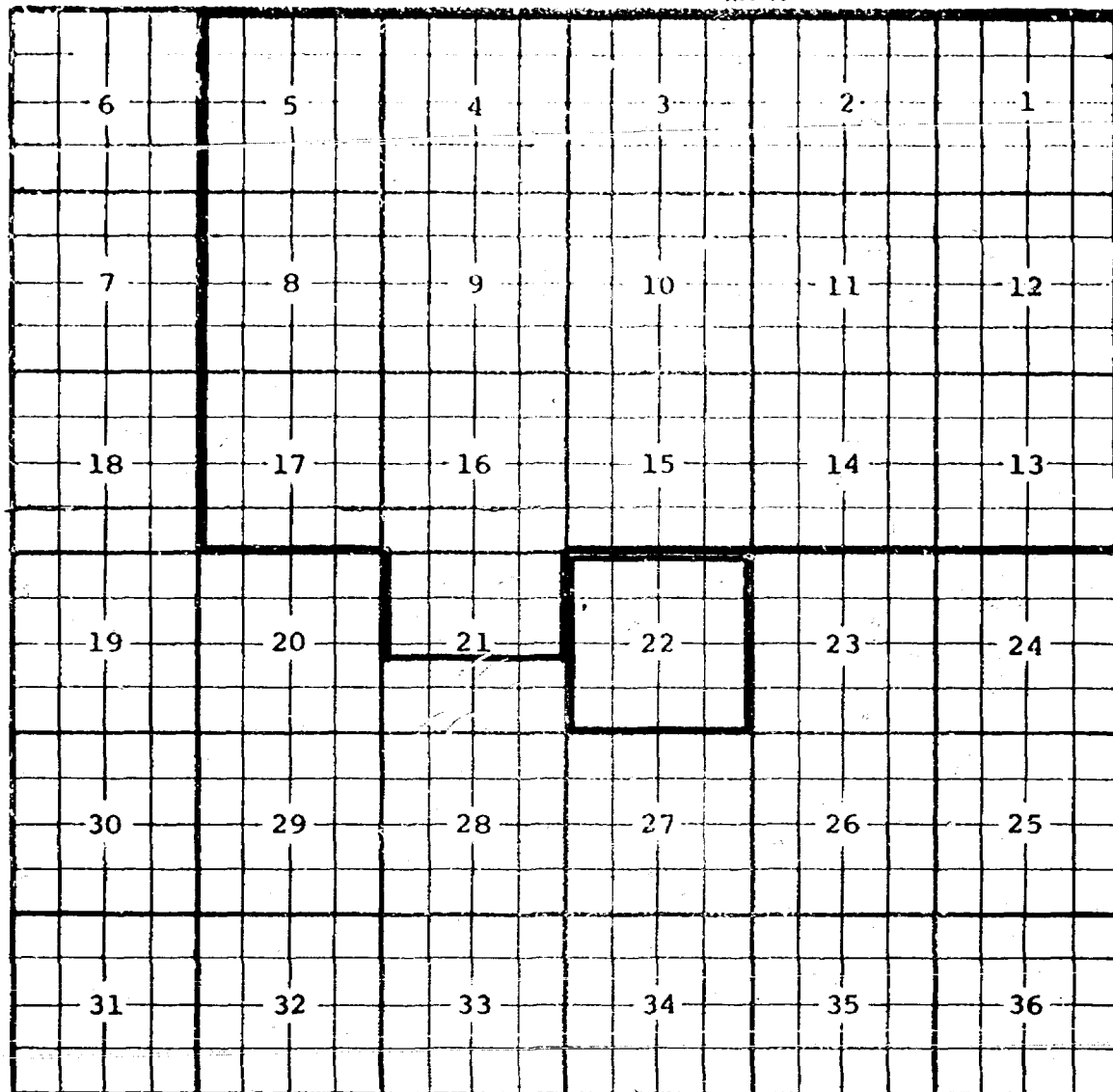
Proposed extension outlined in green.

Sec. 16: S/2

CASE 4666: (f) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL Indian Basin-Upper Penn. Gas

TOWNSHIP 22S RANGE 23E NM1M



Purpose: One completed gas well capable of producing.

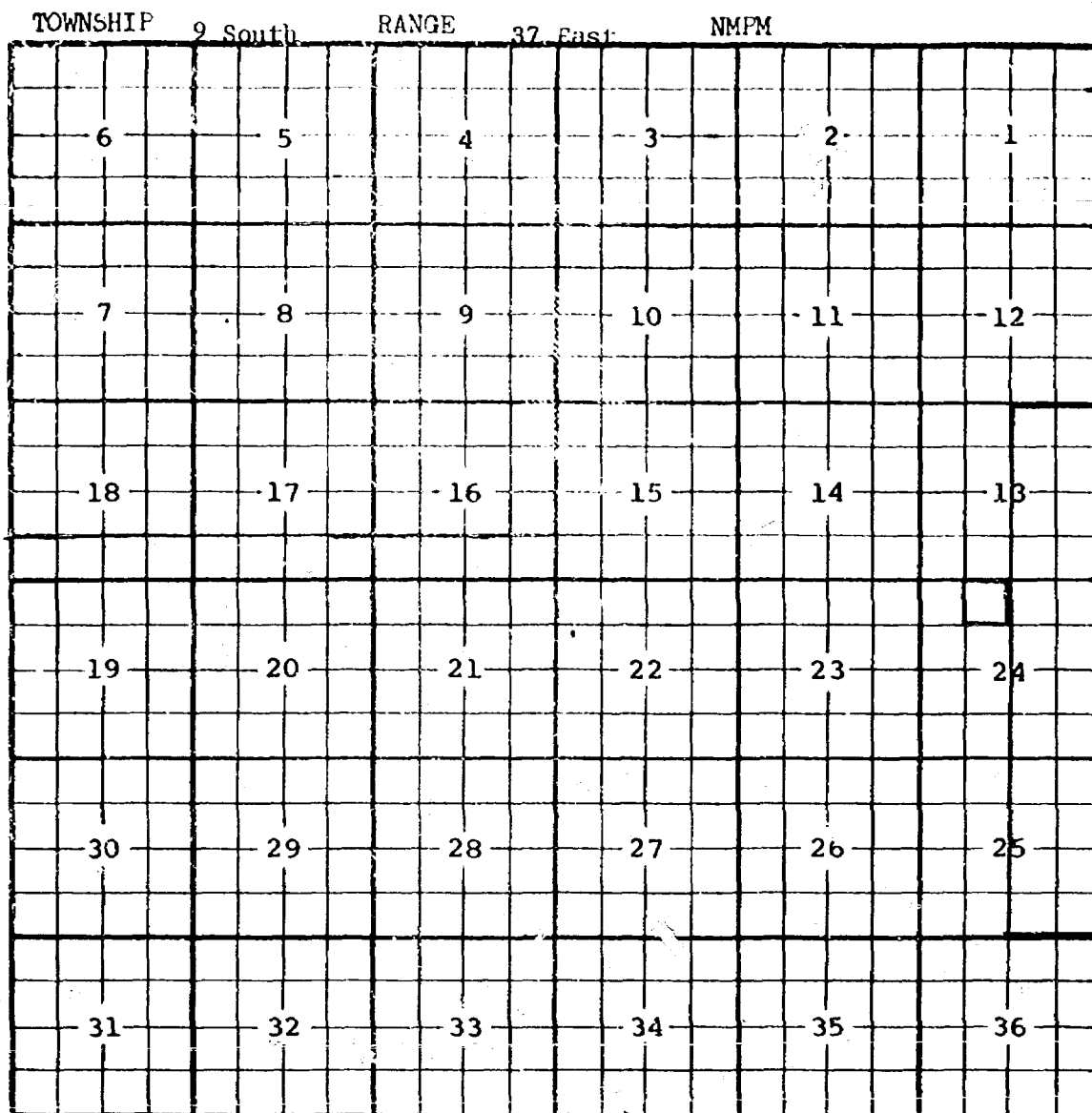
Operator Lease # & Ut. S.T.R. Comp. Form. TOP
Texas Oil & Gas Co. Helbing Fed. 1-D 22-22-23 11-23-71 Penn. 7471'

Pool boundary outlined in red.

Proposed extension outlined in green.

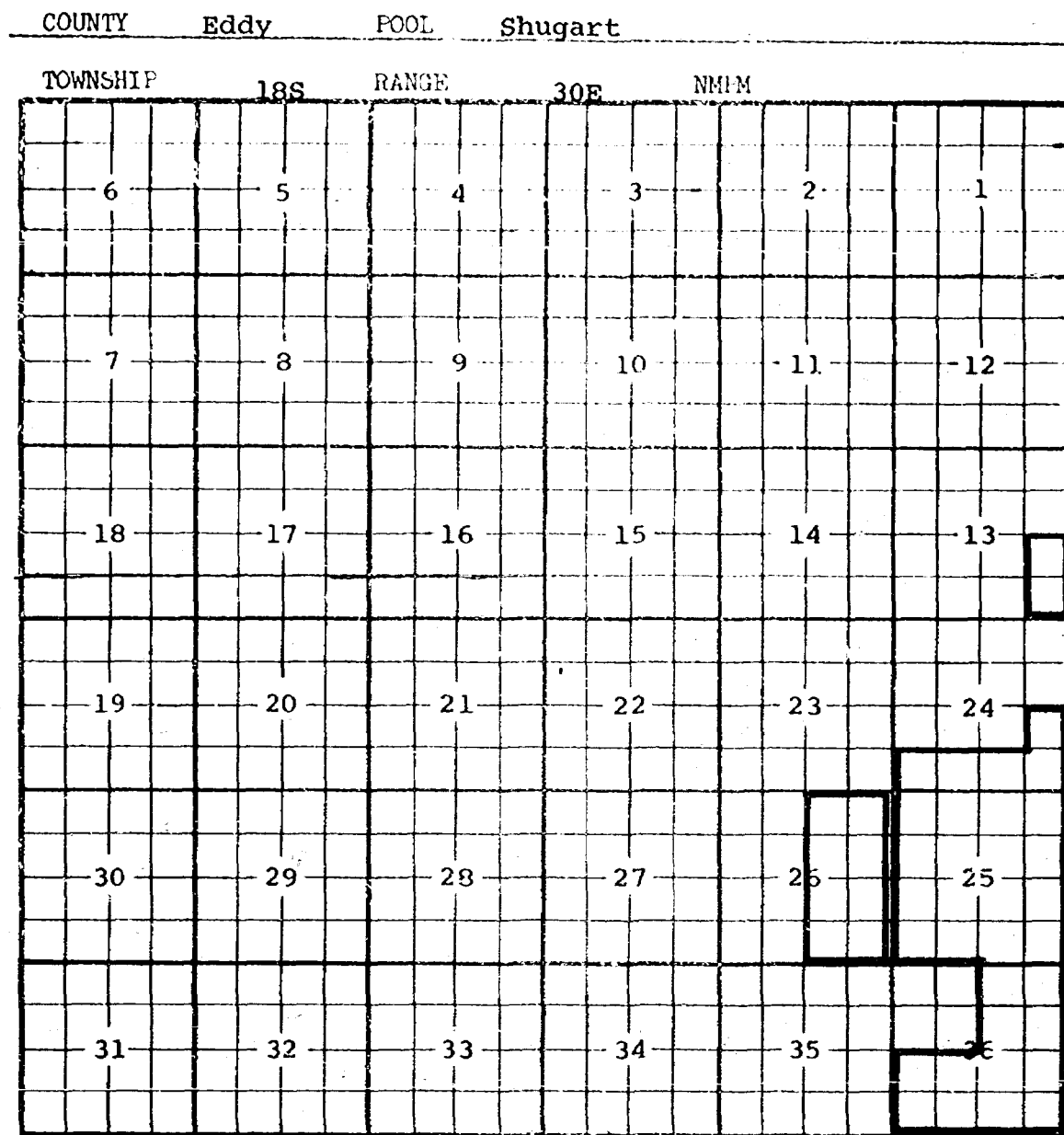
Sec. 22: ALL

CASE 4666: (g) EXTENSION OF AN EXISTING GAS POOL
COUNTY LEA POOL SAWYER-SAN ANDRES GAS



PURPOSE: One completed oil well capable of producing in a gas pool.
FLAG-REDFERN OIL COMPANY - Brown "93" #1 in Unit C of Section 24-9-37.
Completed in San Andres on December 27, 1971. Top of Perforations 4920'.
Pool boundary colored in red.
Proposed pool extension colored in green. SECTION 24: NE/4 NW/4

CASE 4666: (h) EXTENSION OF AN EXISTING OIL POOL



Purpose: 4 completed oil wells capable of producing.

Operator	Lease	# & Ut.	S.T.R.	Comp.	Form.	TOP
Hanson Oil Corp.	Ginsberg Fed.	8-A	26-18-30	11-18-71	Q-GB	3187'
"	"	9-H	"	10-29-71	"	3166'
"	"	10-I	"	11-24-71	"	3160'
"	"	11-P	"	12-11-71	"	3190'

Pool boundary outlined in red.

Proposed extension outlined in green.

Sec. 26: E/2

CASE 4666: (i) EXTENSION OF AN EXISTING OIL POOL

COUNTY	Chaves				POOL	Sulimar-Queen			
TOWNSHIP	15S				RANGE	29E			
	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.	Comp.	Form.	TOP
Read & Stevens, Inc.	Sulimar 1-K	26-15-29	11-23-71	Queen	1916'

Pool boundary outlined in red.

Proposed extension outlined in green.

Sec. 26: NW/4 SE/4 & NE/4 SW/4;

COUNTY LEA

POOL TRES PAPALOTES-PENNSYLVANIAN

TOWNSHIP 14 South

RANGE

34 East

NMPM

Dismissed Pending further study.

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 oil wells capable of producing.AMINI OIL CORPORATION - New Mexico State #1 in Unit A of Section 31-14-34. Completed in Pennsylvanian on December 16, 1971. Top of Perforations 10,401'.ADDITION--MARK PRODUCTION COMPANY - Shell State #1 in Unit P of Section30-14-34. Completed in Permo Pennsylvanian on January 23, 1972.Top of Perforations 10,384'.Pool boundary colored in red.Proposed pool extensions colored in green. SECTION 31: NE/4SECTION 32: AllADDITION-----SECTION 30: SE/4

*Dismissed
For Further
Study*

CASE 4666: (j) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY LEA

POOL

TRES PAPALOTES-PENNSYLVANIAN

TOWNSHIP 15 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: As stated on preceding page, paragraph (j), Exhibit I.

C. W. TRAINER - Etcheverry Com #1 in Unit A of Section 5-15-34. Completed in Pennsylvanian on December 14, 1971. Top of Perforations 10,460'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 5: NE/4

CASE 4666: (k) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL WANTZ-GRANITE WASH

TOWNSHIP 22 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 oil well capable of producing.

JOHN H. HENDRIX - Gossatol "B" #2 in Unit M of Section 12-22-37. Completed in Granite Wash on January 5, 1972. Top of Perforations 7201'. Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 11: E/2

SECTION 12: SW/4

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 a new pool in Lea County, 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 Lea County, New Mexico, classified as an oil pool for Wolfcamp production and designated as ~~the~~ La Rica-Wolfcamp Pool. The discovery well is Union Oil Company of California, Pipeline "A" Federal No. 1 located in Unit G of Section 8, Township 19 South, Range 34 East, NMPM. Said pool ~~described as:~~ *would comprise:*

✓ TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
SECTION 8: NE/4

b) EXTEND the Dollarhide-Fusselman Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 24 SOUTH, RANGE 38 EAST, NMPM
SECTION 30: SE/4

c) EXTEND the Double L-Queen Associated Pool in Chaves County, New Mexico, to include therein:

✓ TOWNSHIP 14 SOUTH, RANGE 29 EAST, NMPM
SECTION 24: NW/4 SW/4

d) EXTEND the Flying "M"-San Andres Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
SECTION 31: E/2

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

✓ TOWNSHIP 6 SOUTH, RANGE 27 EAST, NMPM
SECTION 16: S/2

f) EXTEND the Indian Basin-Upper Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 22 SOUTH, RANGE 23 EAST, NMPM
SECTION 22: All

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

✓ TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM
SECTION 24: NE/4 NW/4

*all as Recom.
except J.*

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JAN 17 1972

CONSERVATION COMM.

February, 1972 Nomenclature

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

✓ TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM
SECTION 26: E/2

i) EXTEND the Sulimar-Queen Pool in Chaves County, New Mexico, to include therein:

✓ TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM
SECTION 26: NW/4 SE/4 and NE/4 SW/4

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

✓ TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM
SECTION 31: NE/4
SECTION 32: All

✓ TOWNSHIP 15 SOUTH, RANGE 34 EAST, NMPM
SECTION 5: NE/4

k) EXTEND the Wantz-Granite Wash Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 11: E/2
SECTION 12: SW/4

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JAN 17 1972

CONSERVATION COMM:

25K

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. 4666
ORDER NO. R- 425P

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 10:00 a.m. on February 16, 1972, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this _____ day of February, 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 oil pool in Lea County, New Mexico, for the production of oil from the Wolfcamp formation, said pool to bear the designation of La Rica-Wolfcamp Pool. Said La Rica-Wolfcamp Pool was discovered by the Union Oil Company of California, Pipeline "A" Federal Well No. 1, located in Unit G of Section 8, Township 19 South, Range 34 East, NMPM. It was completed in the Wolfcamp formation on October 27, 1971. The top of the perforations is at 10,824 feet.

(3) That there is need for certain extensions to the Double L-Queen Associated Pool, the Haystack-Cisco Gas Pool, and the Sulimar-Queen Pool, all in Chaves County, New Mexico, the Indian Basin-Upper Pennsylvanian Gas Pool and the Shugart Pool, both in Eddy County, New Mexico, the Dollarhide-Fusselman Pool, the Flying "M"-San Andres Pool, the Sawyer-San Andres Gas Pool, ~~the Tres Papalotes-Pennsylvanian Pool~~, and the Wantz-Granite Wash Pool, all in Lea County, New Mexico. *Further, that the proposed extension to the Tres Papalotes-Pennsylvanian Pool, Lea County, New Mexico, should be dismissed*
IT IS THEREFORE ORDERED: *pending further study.*

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

✓ TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
SECTION 8: NE/4

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

✓ TOWNSHIP 24 SOUTH, RANGE 38 EAST, NMPM
SECTION 30: SE/4

(c) That the Double L-Queen Associated Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 14 SOUTH, RANGE 29 EAST, NMPM
SECTION 24: NW/4 SW/4

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

✓ TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
SECTION 31: E/2

(e) 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 16: S/2

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

✓ TOWNSHIP 22 SOUTH, RANGE 23 EAST, NMPM
SECTION 22: All

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

✓ TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM
SECTION 24: NE/4 NW/4

(h) 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 26: E/2

(i) That the Sulimar-Queen Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM
SECTION 26: NW/4 SE/4 and NE/4 SW/4

proposed extension to the
(j) That the ~~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: SE/4
SECTION 31: NE/4
SECTION 32: All

is hereby dismissed
✓ TOWNSHIP 15 SOUTH, RANGE 34 EAST, NMPM
SECTION 5: NE/4

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

✓ TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 11: E/2
SECTION 12: SW/4

IT IS FURTHER ORDERED:

(1) That, pursuant to Section 65-3-14.5, NMSA 1953, contained in Chapter 271, Laws of 1969, any well which, by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or pro-ration 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 March 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 ARMIJO, Member

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

S E A L