CASE 4228:
SOUTHEASTERN NEW MEXICO
NOMENCLATURE

## Case Number 11 das

Application
Trascripts

Small Exhibits

ETC.

HALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY

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NEW MEXICO

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
October 15, 1969

EXAMINER HEARING

IN THE MATTER OF:

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

Case No. 4228

BEFORE: Mr. A. I. Porter, Examiner.

TRANSCRIPT OF HEARING



MR. PORTER: The Examiner Hearing will come to order, please. Case Number 4228.

MR. HATCH: Case 4228. Southeastern nomenclature case calling for an order for the creation, extension and contraction of certain pools in Lea, Eddy, Chaves and Roosevelt Counties, New Mexico.

I would like for the record to show that Mr. Utz has already been sworn.

MR. PORTER: The record will show

## ELVIS A. UTZ

called as a witness, having been previously sworn, was examined and testified as follows:

## DIRECT EXAMINATION

## BY MR. HATCH:

- Q Will you state your name and position for the record, please?
- A Elvis A. Utz, engineer with the Oil Conservation Commission.
- Q Are you prepared to make recommendations to the Examiner concerning the creation and extension and contraction of certain pools in Lea, Eddy, Chaves and Roosevelt Counties, New Mexico?
  - A Yes, I am.

Q Are your recommendations prepared in the form of an exhibit marked Oil Conservation Commission Exhibit Number 1, Case 4228, paragraphs A through S?

A Well, they're prepared in the form of an exhibit.

I guess we had better mark it Exhibit 1.

(Whereupon, Exhibit No. 1 was marked for identification.)

Q Please refer to paragraphs A through S of the exhibit and the docket that has been distributed and point out any corrections that need to be made.

A Referring to the advertisement, paragraphs A, B,

C, D and E should be as advertised. Paragraph F, I would like
to recommend that we add the following: Section 11, South Half,
which would actually be Section 11, all; 16 South, 32 East.

Paragraph G, Section 30, Southwest Quarter; paragraphs H, I,

J, K, L, M and N, O, P, Q and R as advertised. Paragraph S,
the following additions: 8 South, 36 East, Section 30,

Northeast Quarter; 9 South, 34 East, Section 4, Southwest
Quarter; Section 9, Northwest Quarter; 9 South and 35 East,
Section 12, Northeast Quarter, and then 9 South and 33 East,
Section 35, Southwest Quarter; 9 South and 36 East, Section 7,
Northwest Quarter; Section 9, Southwest Quarter.

Q Do you recommend that the pools in paragraphs A

through S be created, extended and contracted as shwon on the docket as you have corrected them in this Hearing?

- A Yes, I do.
- Q And you have reviewed Exhibit 1?
- A Yes, I have.

MR. HATCH: I would like to move the introduction of Exhibit 1 in evidence.

MR. PORTER: If no objection, the Exhibit 1 will be admitted.

(Whereupon, Exhibit No. 1 was offered and admitted in evidence.)

MR. PORTER: Any questions of Mr. Utz? He may be excused.

(Witness excused.)

MR. FORTER: Does anyone else have anything further to offer in Case 4228? If not, we will call Case 4229.

# WITNESS ELVIS A. UTZ Direct Examination by Mr. Hatch EXHIBIT Commission's No. 1 3 4

STATE OF NEW MEXICO )
: ss
COUNTY OF BERNALILLO )

I, ADA DEARNLEY, Court Reporter, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, is a true and correct record to the best of my knowledge, skill and ability.

IN WITNESS WHEREOF I have affixed my hand and notarial seal this 20th day of October, 1969.

Notary Public-Court Reporter

My Commission Expires:

June 19, 1971.

fle 100 117.28 Texo Oil Company - Buffalo Unit #11

A study of available information and exhibits indicates that a new gas pool can be created for Texo's Buffalo Unit Well No. 11 without confliction or changing the South Corbin-Queen Pool.

- (1) Vertically there is 75' separation from zone which produces oil in South Corbin-Queen Pool and zone from which Well No. 11 produces.
- (2) Horizontally it is ½ mile to the nearest producing oil well.
- That Well No. 11 is not within the horizontal limits of the South Corbin-Queen Pool.
- (4) That the gas zone develops into dolomite to the northwest and apparently pinches out in the N/2of Section 34.
- That the oil zone of the South Corbin-Queen Pool is not productive in Well No. 11.
- (6) The gas is a high nitrogen, low B.T.U. gas which differs greatly from the casinghead gas of the South Corbin-Queen (oil).

## Summary:

- (a) That the gas zone, which is productive in Well No. 11, is a separate reservoir than that of the South Corbin-Queen Pool.
- (b) That there is no confliction with vertical limits or reservoir of the South Corbin-Queen Pool at this time.

### Recommendations:

That a new pool be created and called the South Corbin-Penrose Gas Pool, and the horizontal limits to be:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM SECTION 34: N/2 SW/4

John W. Runyan

Geologist, District I

New Mexico Oil Conservation Commission

## CASE 4213

Texo Oil Company - Buffalo Unit #11

If it is decided to redelineate the vertical limits of the South Corbin-Queen and put special vertical limits on a new pool creation for the Texo Oil Company Buffalo Unit No. 11, I recommend the following:

For - South Corbin-Queen (oil) Pool special vertical limits as follows:

Top of Queen at 4247' to (XX on exhibit) point at 4542'.

Create a new gas pool called the South Corbin-Lower Penrose. Special vertical limits:

(XX on exhibit) Top at 4542' to top of Grayburg,

and
TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM
SECTION 34: N/2 SW/4

Type Log (both pools): Texo Oil Company - Buffalo Unit No. 11, Unit L, Section 35, Township 18 South, Range 33 East.

John W. Runyan

Geologist, District I

New Mexico Oil Conservation Commission

Examiner Hearing - September 10, 1969

Docket No. 25-69

CASE 4213: Application of Texo Oil Company for poolmedelineation, creation of a new gas pool, an unorthodox gas well location, and non-standard gas proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the redelineation of the vertical limits of the South Corbin-Queen Pool to permit the

creation of a new basal Penrose gas pool for its Buffalo unit Well No. 11 located at an unorthodox gas well location 2310 feet from the South line and 330 feet from the West line of Section 35, Township 18 South, Range 33 East, Lea County, New Mexico. Applicant further seeks approval of an 80-acre non-standard gas proration unit comprising the N/2 SW/4 of said Section 35, to be dedicated to the above-described well.

....

October 15, 1969, Regular Hearing

-2- (Case 4228 continued)

Docket No. 28-69

(b) Create a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production and designated as the East Chisum-San Andres Pool. The discovery well is Plains Radio Broadcasting Company's L. E. Ranch 9 Well No. 1 located

in Unit O of Section 9, Township 11 South, Range 28 East, NMPM.

Said pool would comprise:

## TOWNSHIP 11 SOUTH RANGE 28 EAST, NMPM SECTION 9: SW/4 SE/4

(c) Create a new pool in Lea County, New Mexico, classified as a gas pool for Queen production and designated as the South Corbin-Queen Gas Pool. The discovery well is in the Texo Oil Company's Buffalo Plains Unit Well No. 11, located in Unit L of Section 11, Township 18 South, Range 33 East, NMPM. Said pool would comprise:

## TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM SECTION 35: SW/4

(d) Contract the Anderson Ranch-Pennsylvanian Pool in Lea County, New Mexico, by the deletion of the following-described area:

## TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM SECTION 11: N/2

(e) Contract the Bagley-Pennsylvanian Pool in Lea County, New Mexico, by the deletion of the following described area:

## TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM SECTION 33: NE/4

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

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM SECTION 2: Lots 1, 2, 7 and 8 and S/2 SECTION 11: N/2

(g) Extend the North Bagley-Lower Pennsylvanian Pool in Lea County, New Mexico, to include therein:

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TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM SECTION 2: SW/4 SECTION 33: NE/4

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## REGULAR HEARING - WEDNESDAY - OCTOBER 15, 1969

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

ALLOWABLE: (1) Consideration of the oil allowable for November, 1969;

> (2) Consideration of the allowable production of gas for November, 1969, from fifteen prorated pools in Lea, Eddy, Roosevelt and Chaves Counties, New Mexico. Consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico, for November, 1969.

## CASE 3859: (Continued from the July 16, 1969, Regular Hearing)

Application of Wilson Oil Company for an exception to Order No. R-3221, as amended, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Commission Order No. R-3221, as amended, which order prohibits the disposal of water produced in conjunction with the production of oil on the surface of the ground in Lea, Eddy, Chaves and Roosevelt Counties, New Mexico, after January 1, 1969. Said exception would be for applicant's leases in Sections 13, 23, and 24 of Township 21 South, Range 34 East, and Sections 7 and 18 of Township 21 South, Range 35 East, Wilson Yates-Seven Rivers Pool, Lea County, New Mexico. Applicant, seeks authority to continue to dispose of produced water in seven unlined surface pits located in the center of the W/2 of said Section 13, center of the W/2 SE/4 of said Section 13, SW/4 NE/4 of said Section 23, center of SW/4 of said Section 24, center of the NE/4 of said Section 7, NE/4 SW/4 of said Section 7, NW/4 NW/4 of said Section 18. In the alternative, applicant seeks an extension of time in which to comply with the provisions of said order.

CASE 4228: Southeastern nomenclature case calling for an order for the creation, extension and contraction of certain pools in Lea, Eddy, Chaves and Roosevelt Counties, New Mexico.

> (a) Create a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the Arena Roja-Pennsylvanian Gas Pool. The discovery well is Skelly Oil 🗀 Company's Mexico "P" Federal Well No. 1 located in Unit F of Section 21, Township 26 South, Range 35 East, NMPM. Said pool would comprise:

> > TOWNSHIP 26 SOUTH, RANGE 35 EAST, NNPM SECTION 21: W/2

Docket No. 28-69

October 15, 1969, Regular Hearing -4-

(Case 4228 continued)

(o) Extend the Justis-Blinebry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM SECTION 26: SW/4

(p) Extend the Lea-Pennsylvanian Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM SECTION 14: SE/4

(q) Extend the Maljamar Grayburg-San Andres Pool in Lea

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM SECTION 16: NE/4

(r) Extend the Paduca-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 31 EAST, NMPM SECTION 35: W/2

(s) Extend the Vada-Pennsylvanian Pool in Lea and Roosevelt Counties, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM SECTION 34: SE/4

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM SECTION 27: SW/4

SECTION 34: NW/4

TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM SECTION 11: SW/4

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM

SECTION 2: NE/4

SECTION 3: NE/4

SECTION 9: N/2

SECTION 10: N/2

CASE 4229: Northwestern nomenclature case calling for an order for the creation and extension of certain pools in Rio Arriba, Sandoval and San Juan Counties, New Mexico.

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## (Case 4228 continued)

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

TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM SECTION 24: NW/4

TOWNSHIP 8 SOUTH, RANGE 38 EAST, NMPM SECTION 19: NE/4

(i) Extend the Cerca-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM SECTION 8: NE/4

(j) Extend the Chaveroo-San Andres Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 7 SOUTH, RANGE 32 EAST, NMPM SECTION 35: SE/4

(k) Extend the South Flying "M"-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM SECTION 24: SW/4

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

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM SECTION 4: SE/4

(m) Extend the Golden Lane-Strawn Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 30 EAST, NMPM SECTION 32: E/2

(n) Extend the Hobbs-Blinebry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM

SECTION 29: NW/4

SECTION 32: SE/4

SECTION 33: NW/4

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(c) continued - Case 4229

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM SECTION 15: NW/4

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM SECTION 13: N/2

TOWNSHIP 31 NORTH, RANGE 11 WEST, NMPM SECTION 19: S/2
SECTION 28: NW/4
SECTION 29: SW/4
SECTION 30: NW/4 and S/2

TOWNSHIP 31 NORTH, RANGE 12 WEST, NMPM

SECTION 13: S/2 SECTION 24: All SECTION 25: All SECTION 26: All

(d) Extend the Ballard-Pictured Cliffs Pool boundary in Rio Arriba, Sandoval, and San Juan Counties, New Mexico, to include therein:

TOWNSHIP 22 NORTH, RANGE 3 WEST, NMPM SECTION 1: N/2 and SE/4

TOWNSHIP 23 NORTH, RANGE 3 WEST, NMPM SECTION 19: All (Partial) SECTION 26: S/2 SECTION 35: E/2 SECTION 36: SW/4

TOWNSHIP 24 NORTH, RANGE 7 WEST, NMPM SECTION 2: S/2 SECTION 11: NW/4

(e) Extend the Blanco-Pictured Cliffs Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 29 NORTH, RANGE 8 WEST, NMPM SECTION 18: W/2

TOWNSHIP 30 NORTH, RANGE 9 WEST, NMPM

SECTION 6: W/2 SECTION 7: NW/4 SECTION 24: W/2 SECTION 25: NW/4 SECTION 36: NE/4

## (Case 4229 continued)

(a) Create a new pool in Rio Arriba County, New Mexico, classified as a gas pool for Gallup production and designated as the Cereza Mesa-Gallup Pool. The discovery well is the Consolidated Oil & Gas, Inc., Hoyt Well No. 1 located in Unit H of Section 5, Township 26 North, Range 4 West, NMPM. Said pool would comprise:

# TOWNSHIP 26 NORTH, RANGE 4 WEST, NMPM SECTION 3: SW/4 SECTION 4: All SECTION 5: All SECTION 6: N/2 and SE/4 SECTION 7: NE/4 SECTION 8: NE/4

## TOWNSHIP 27 NORTH, RANGE 4 WEST, NMPM SECTION 32: SW/4

(b) Create a new pool in Rio Arriba County, New Mexico, classified as a gas pool for Gallup production and designated as the Wild Horse-Gallup Pool. The discovery well is the Southern Union Production Company Jicarilla E Well No. 7 located in Unit B of Section 21, Township 26 North, Range 4 West, NMPM. Said pool would comprise:

## TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM SECTION 18: W/2 SECTION 19: NW/4

# TOWNSHIP 26 NORTH, RANGE 4 WEST, NMPM SECTION 13: S/2 SECTION 14: S/2 SECTION 15: W/2 and SE/4 SECTION 21: NE/4 SECTION 22: N/2 SECTION 23: NW/4

(c) Extend the Aztec-Pictured Cliffs Pool boundary in San Juan County, New Mexico, to include therein:

## TOWNSHIP 28 NORTH, RANGE 8 WEST, NMPM SECTION 15: SE/4 SECTION 21: E/2 SECTION 22: A11

October 15, 1969, Regular Hearing

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(j) Extend the Blanco-Mesaverde Pool boundary in Rio Arriba and San Juan Counties, New Mexico, to include therein:

TOWNSHIP 30 NORTH, RANGE 12 WEST, NMPM SECTION 2: All SECTION 11: N/2

(k) Extend the Mesa-Gallup Oil Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 32 NORTH, RANGE 18 WEST, NMPM SECTION 10: S/2 SE/4
SECTION 14: N/2 SW/4 and SE/4 SW/4
SECTION 15: E/2 NE/4 and NE/4 SE/4

(1) Extend the Hogback-Dakota Oil Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 29 NORTH, RANGE 16 WEST, NMPM SECTION 7: SE/4 SW/4
SECTION 18: E/2 NW/4 and W/2 NE/4

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(f) Extend the Fulcher Kutz-Pictured Cliffs Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM SECTION 16: N/2

TOWNSHIP 29 NORTH, RANGE 11 WEST, NMPM SECTION 6: W/2 and SE/4

SECTION 7: NW/4

(g) Extend the Gavilan-Pictured Cliffs Pool boundary in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM SECTION 14: NW/4 SECTION 23: SE/4

(h) Extend the South Blanco-Pictured Cliffs Pool boundary in Rio Arriba, Sandoval, and San Juan Counties, New Mexico, to include therein:

TOWNSHIP 23 NORTH, RANGE 2 WEST, NMPM SECTION 22: S/2

TOWNSHIP 24 NORTH, RANGE 3 WEST, NMPM SECTION 25: NW/4

TOWNSHIP 28 NORTH, RANGE 8 WEST, NMPM SECTION 23: NW/4 SECTION 27: All

A11

(i) Extend the Otero-Chacra Pool boundary in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 6 WEST, NMPM SECTION 23: N/2 SECTION 24: NW/4

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM

SECTION 20: SE/4 SECTION 29: NE/4 SECTION 36: NW/4

SECTION 28:

## 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. 4228 Order No. R-3853

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

## ORDER OF THE COMMISSION

## BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on October 15, 1969, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 22nd day of October, 1969, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, 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 Lea County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of Arena Roja-Pennsylvanian Gas Pool. Said Arena Roja-Pennsylvanian Gas Pool was discovered by the Skelly Oil Company Mexico "P" Federal Well No. 1, located in Unit P of Section 21, Township 26 South, Range 35 Bast, NMPM. It was completed in the Atoka formation on February 10, 1969. The top of the perforations is at 15,565 feet.
- (3) That there is need for the creation of a new oil pool in Chaves County, New Mexico, for the production of oil from the

-2-CASE No. 4228 Order No. R-3853

San Andres formation, said pool to bear the designation of East Chisum-San Andres Pool. Said East Chisum-San Andres Pool was discovered by the Plains Radio Broadcasting Company LE Ranch 9 Well No. 1, located in Unit O of Section 9, Township 11 South, Range 28 East, NMPM. It was completed in the San Andres formation on June 14, 1969. The top of the perforations is at 2155 feet.

- (4) That there is need for the creation of a new gas pool in Lea County, New Mexico, for the production of gas from the Basal Penrose formation, said pool to bear the designation of South Corbin-Queen Gas Pool. Said South Corbin-Queen Gas Pool was discovered by the Texo Oil Company Buffalo Unit Well No. 11, located in Unit L of Section 35, Township 18 South, Range 33 East, NMPM. It was completed in the Basal Penrose formation on July 18, 1969. The top of the perforations is at 4584 feet.
- (5) That there is need for the contraction of the Anderson Ranch-Pennsylvanian Pool in Lea County, New Mexico, by the deletion of certain acreage in order that said acreage may be placed in the Anderson Ranch-Morrow Gas Pool.
- (6) That there is need for the contraction of the Bagley-Pennsylvanian Pool in Lea County, New Mexico, by the deletion of certain acreage in order that said acreage may be placed in the North Bagley-Lower Pennsylvanian Pool.
- (7) That there is need for certain extensions to the Golden Lane-Strawn Gas Pool and the Paduca-Morrow Gas Pool, both in Eddy County, New Mexico, the Anderson Ranch-Morrow Gas Pool, the Morth Bagley-Lower Pennsylvanian Pool, the Cerca-Upper Pennsylvanian Pool, the South Flying "M"-Pennsylvanian Pool, the Flying "M"-San Andres Pool, the Hobbs-Blinebry Pool, the Justis-Blinebry Pool, the Lea-Pennsylvanian Gas Pool, and the Maljamar Grayburg-San Andres Pool, all in Lea County, New Mexico, the Bluitt-San Andres Associated Pool and the Chaveroo-San Andres Pool, both in Roosevelt County, New Mexico, and the Vada-Pennsylvanian Pool in Lea and Roosevelt Counties, New Mexico.

## IT IS THEREFORE ORDERED:

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

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(a) Continued from Page 2 -

## TOWNSHIP 26 SOUTH, RANGE 35 BAST, NMPM Section 21: W/2

(b) That a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production, is hereby created and designated as the East Chisum-San Andres Pool, consisting of the following-described area:

## TOWNSHIP 11 SOUTH, RANGE 28 EAST, NMPM Section 9: SW/4 SE/4

(c) That a new pool in Lea County, New Mexico, classified as a gas pool for Basal Penrose production, is hereby created and designated as the South Corbin-Queen Gas Pool, consisting of the following-described area:

## TOWNSHIP 18 SOUTH, RANGE 33 BAST, NMPM Section 35: SW/4

(d) That the Anderson Ranch-Pennsylvanian Fool in Lea County New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following-described area:

## TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM Section 11: N/2

(e) That the Bagley-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following-described area:

## TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM Section 33: NE/4

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

## TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM Section 2: Lots 1, 2, 7 and 8 and 5/2 Section 11: All

(g) That the North Bagley-Lower Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and

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described, is hereby extended to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 RAST, NMPM Section 2: SW/4 Section 30: SW/4 Section 33: NE/4

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

TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM Section 24: NW/4

TOWNSHIP 8 SOUTH, RANGE 38 EAST, NMPM Section 19: NE/4

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

TOWNSHIP 14 SOUTH, RANGE 34 BAST, NMPM Section 8: NE/4

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

TOWNSHIP 7 SOUTH, RANGE 32 BAST, NMPM Section 35: SE/4

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

TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM Section 24: SW/4

(1) 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 10 SOUTH, RANGE 33 EAST, NMPM Section 4: SE/4

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(m) That the Golden Lane-Strawn Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

## TOWNSHIP 20 SOUTH, RANGE 30 EAST, NMPM Section 32: E/2

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

## TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM

Section 29: NW/4 Section 32: SE/4 Section 33: NW/4

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

## TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM Section 26: SW/4

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

## TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM Section 14: SE/4

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

## TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM Section 16: NE/4

(r) That the Paduca-Morrow 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 35: W/2

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(s) That the Vada-Pennsylvanian Pool in Lea and Roosevelt Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM Section 34: SE/4

TOWNSHIP 8 SOUTH, RANGE 36 BAST, NMPM

Section 27: SW/4 Section 30: NE/4

Section 34: NW/4

TOWNSHIP 9 SOUTH, RANGE 33 RAST, NMPM Section 35: SW/4

TOWNSHIP 9 SOUTH, RANGE 34 BAST, NMPM

Section 4: SW/4

Section 9: NW/4

Section 11: SW/4

TOWNSHIP 9 SOUTH, RANGE 35 EAST, EMPH

Section 2: NE/4

Section 3: NE/4

Section 9: N/2

Section 10: N/2

Section 12: NE/4

TOWNSHIP 9 SOUTH, RANGE 36 RAST, NMPM

Section 7: NW/4

Section 9: 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

-7-CASE No. 4228 Order No. R-3853

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, contractions, and extensions included herein shall be November 1, 1969.

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

STATE OF NEW MEXICO
OIL-CONSTRUCTION COMMISSION

DAVID F. CARGO, Chairman

ALEX J ARMATO Member

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

POOL ARENA ROJA-PENNSYLVANIAN GAS LEA County TOWNSHIP. Range 35 East 26 South 10 -- 11 --12 - 16 -- 18 -·17 · 14 --13--19 20 -22-24 30 29 28 27 26 25 - 31 -32 ~ - 33 --- 34 – - 35 -36 -PURPOSE: One completed gas well capable of producing. SKELLY OIL COMPANY - Mexico "P" Federal #1 in Unit F of Section 21-26-35. Completed in Atoka on Pebruary 10, 1969. Top of Perforations 15,565'. Proposed pool boundary colored in red. SECTION 21: W/2 BEFORE THE OIL CONSERVATION COMMISSION Santa Fe, New Maxico 4228 Exhibit No. Case No. - 4728

CASE 4228: (b) CREATION OF A NEW OIL POOL

COUNTY	Chaves	naves POOL East			Chisum-san Andres				
TOWNSHIP	lls	RANGE	28度	N	IMPM (12)				
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<del>+</del> 31+	32	33 -	1 1	- 34	35	36			
rnose	One com	pleted oil	111	aldener	of produc	ing.			
-									
	- Wall.		l			2			
		Plains Radi			•				
		section 9-							
ne 14,	1969, th	rough perfo	ration	18 2155	to 2196'	•			
oposed	pool bou	ndary color	ed in	green.	·	•			
_	-	80	ction	9: BW/4	SR/4				
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CASE 4228: (c) CREATION OF ANEW GAS POOL

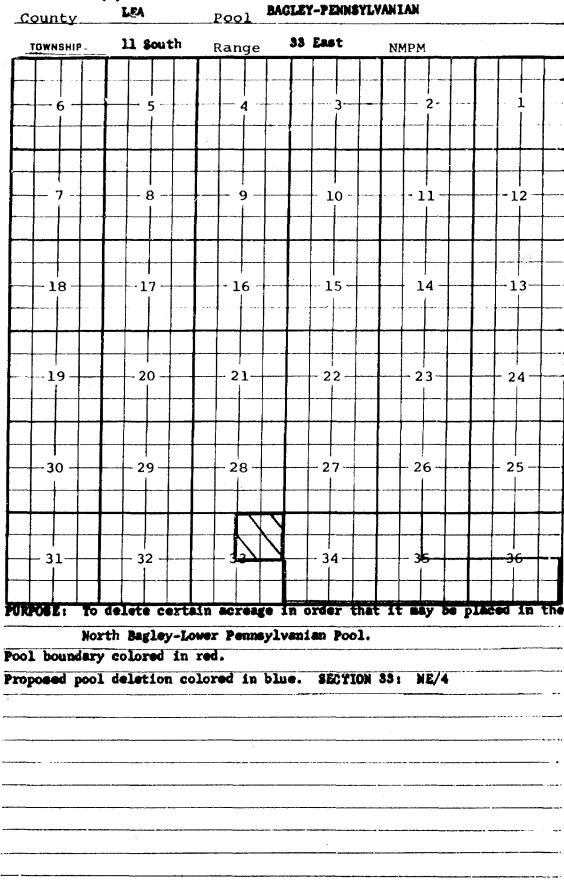
County	LEA	Pool	SOUTH CORBI	N-QUEEN CAS	
TOWNSHIP	18 South	Range	33 East	NMPM	
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30	29	28	27	26-	25
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	e completed g				18-12 Comple
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CASE 4228: (d) DELETION OF AN EXISTING OIL POOL

County	LEA		Pool	ANDERSON	RANCH-PENN	HALIKAVIYE
TOWNSHIP	16 8	outh	Range	32 East	NMPM	I
6		- 5			3————	2.   1
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$\longrightarrow$				<del>                                     </del>		
7 +	-{-	8	9 -	10	)	1-12
18		.17	16	15		4 - 13 -
18		1/	10		2	4 13
19		20	21	2/2	2	3 24
		1 1 1				
30		29	28 -	27	2	6 25
		1	728	2/	2	25
	-	32	33	34	3	5 + 36 +
				1-1-1		
URPOSE: T	o dele	te certai	n acresg	e in order	that it ma	y be placed in th
		n Ranch-H				
sol bounds	ry col	ored in r	ed.			
roposed po	ol del	etion col	ored in	blue. SEC	TION 11: N	/2
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CASE 4228: (a) DELETION OF AN EXISTING OIL POOL

LEA BAGLEY-PENNSYLVANIA



CASE 4228: (f) EXTENSION OF AN EXISTING GAS POOL

County	, L	EA	Pool	ANDERSON	RANCH-HORR	OW GAS	
			Range	32 East	NMPI	1 7 8	
	TŤ		TII			18 /	
						15 16	
6 -	+ +	5	4 -		3	2	1
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	† †					<u> </u>	
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1	1-1-						
+-+-	-						
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30 -	<b>  </b>	29	28	2	7 + + + 2	6	25
1-1-							
31-		- 32 -	33	34	1 3	5	36
RPOSE:	To add	dedicate	d acreage	and one c	ompleted ga	e well	capable of
	produc						
ntinent/	L OIL	COMPANY -	Anderson	Ranch Uni	t #8 in Uni	t A of	Section 11-
-32. Co	mplete	d in Horr	ow on Augu	et 18, 19	69. Top of	Perfor	rations 12,1
ol bound	ary co.	lored in	red.				
oposed p	ool ex	tensions o	colored in	green.	SECTION 2:	Lots	1, 2, 7 and
						and 8	3/2
	··				BECTION 11:	N/2	
			KOITION		SECTION 11:	8/2	
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CASE 4228: (g) EXTENSION OF AN EXISTING OIL POOL

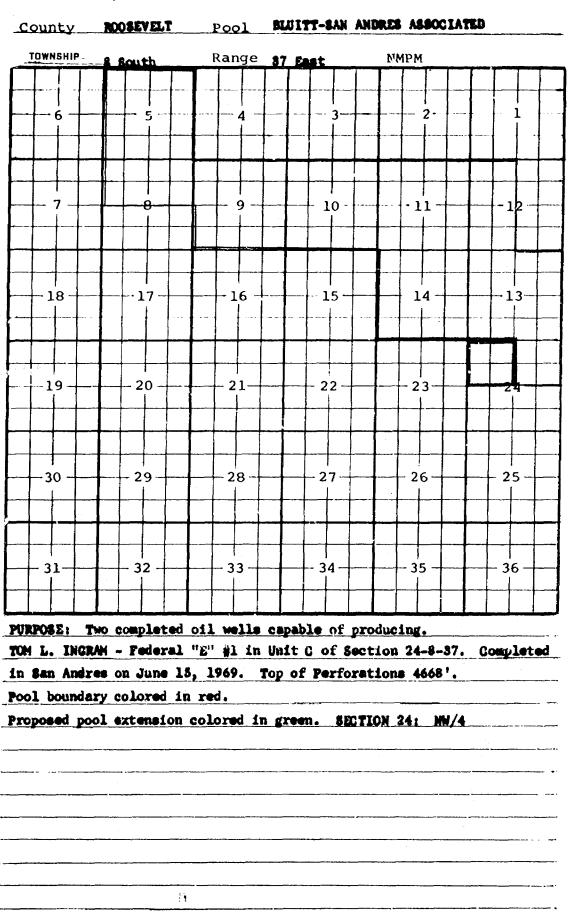
County	LEA	Pool NO	RTH BAGLEY-L	OWER PENNSYL	/ANIAN
TOWKSHIP.	11 South	Range \$	East	NMPM	
6	5	4	3		
1-1-1					
<del>  7                                   </del>	8 -	9 -	10	1 1 1	12
1-1-1-					
				1 1 1	
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18	17	16	15	14	13
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19-	20	21-	22	23	24
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1-31	32	33-1-1	34	35	36
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	completed o				
				2-11-33. Co	
				it H of Secti	
				69. Top of F	
21.	Sound Sames		MENUT O) 17	ove Tob OT 1	-trolerions
	MOREN _ Ma+	have C &1 de	linit Y of	Section 30-11	
				1969. Top	
	006'.	rampell Oil 0	aptender 43	Ayoy, top	or sariorati
	colored in	red.			
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വരെ ചെയ്					
posed pool				ON 33: NE/4	

CASE 4228: (h) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

County	ROOSEVELT	Pool	BLUITT-8AN	ANDRES ASSOCIAT	ZD
TOWNST	_8 South	Range	37 Fast	NMPM	
6	5		3-	2-1-	
	3	4 -			
7 7	1	9 –	10-	-11	-12
<u> </u>					16
4-4-4-					
18	17	16 -	15 -	14	13-
4-4-4-					
	lacksquare				
19	20	21	22-	23	24
	1-1-1-1				
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+++-	1-1-1-1				
<del>  30   -</del>	29	28	27 -	26	25
+++	$\mathbf{f} + \mathbf{f} + \mathbf{f}$				
<del>                                     </del>		+++	1-1-1-		
31	32	33	34	35	36
RPOSE: T	wo completed	oil wells	capable of	producing.	
	<del></del>		_	Section 24-8-37.	Completed
San Andr	es on June 15	, 1969.	Top of Perfo	orations 4668'.	• ;

PURPOSE: Two	completed oil wells capable of producing.
ton L. Ingrah	- Pederal "E" #1 in Unit C of Section 24-8-37. Completed
in San Andres	on June 15, 1969. Top of Perforations 4668'.
Pool boundary	colored in red.
	extension colored in green. SECTION 24: NW/4
	w

CASE 4228; (h) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)



CASE 4228: (h) EXTENSION OF AN EXISTING OIL POOL (Continued)

County	ROO	SEVEL	.I	P	001	BLUI	TT-BAN	ANDRES	ASSOC:	LATED		
TOWNSHIP	P8	Sout	:h	R	ange	38	Seet	NM	IPM			
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30							2,					L.
23		35			22		24		25		36	
31-		+ 32	•		33 —		34		- 35 -		36 - 	T
IRPOSE:	As i	state	d on	prece	ding	page,	paragr	aph (h	), Exhi	bit 1	•	
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PURCHASIA												
	- T								*	<del></del>		
n San Ar		colo	red in	1 100								
n San Ar ool bour	ndary					n gree	m. SE	CTION 1	9: NE	/4		
n San Ar ool bour	ndary					n gree	m. SE	CTION 1	.91 NE	:/4		
n San Ar ool bour	ndary					n gree	m. \$2	CTION 1	.9: NE	:/4		
n San Ar ool bour	ndary					n gree	m. SE	CTION 1	.9: NE	:/4		
n San Ar ool bour	ndary					n gree	m. \$2	CTION 1	.9: NE	2/4		
n San An ool boun	ndary					n gree	m. <b>\$</b> E	CTION 1	.9: NE	:/4		
n San An ool boun	ndary					n gree	m. <b>\$</b> E	CTION 1	.9: NE	2/4		
n Sen Ar ool bour roposed	ndary					n gree	m. <b>\$</b> E	CTION 1	.9: NE	2/4		
n San Ar ool bour	ndary					n gree	m. SE	CTION 1	.9: NE			

CASE 4228: (i) EXTENSION OF AN EXISTING OIL POOL County LEA POOL CERCA-UPPER PENNSYLVANIAN TOWNSHIP .. 10 -- 11 -- 18 -- 16 -- 15 14 --- 19 -- 20 -21-22--30 28 27 25 26-- 34 -- 32 -- 33 -- 35 -- 31-PURPOSE: One completed oil well capable of producing. K. K. AMINI - Tenneco State #1 in Unit H of Section 8-14-34. Completed in Pennsylvanian (Upper) on August 20, 1969. Top of Perforations 10,386'. Pool boundary colored in red. Proposed pool extension colored in green. SECTION 8: NE/4

CASE 4228: (j) EXTENSION OF AM EXISTING OIL POOL

County	MOOSEVELT		HAVEROO-SAN		
TOWNSHIP -	_ 7 South		32 East	NMPM	
	7 200111		02 200		
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	1-1-1-1-1				
1 7 +	8	<u> </u>	10	-11	-12
<b> </b>					
				+	+
18	17	16	15	14	13-
	1				-
	1 1 1 1		-		
19	20	21	22	23	24
			1-	1-1-1-1	
30	29	28	27	26	25
31	32	33	34		36
31	32	33	34		
PURPOSE: C	ne completed o	il well ca	pable of pro	ducing.	
CHAMBERS & 1	CENNEDY - Shel	l-Cone-Par	tin #1 in Un:	lt J of Secti	on 35-7-32.
Completed in	san Andres o	n August 9	, 1969. Top	of Perforati	ons 4182'.
Pool boundar	ry colored in	red.			
Proposed poo	l extension co	olored in	green. SECTI	ION 35: 8E/4	<u> </u>
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CASE 4228: (k) EXTENSION OF AN EXISTING OIL POOL

SOUTH FLYING "H"-PENNSYLVANIAN County Pool Range **NMPM** 32 East 10 - 11 - 18 16 - 15 14 13 21-22-- 23--30 26 - 28 31-32 - 33 - 34 -35 36 PURPOSE: One completed oil will capable of producing. KING RESOURCES COMPANY - Harg McGuffin #1 in Unit M of Section 24-9-32. Completed in Bough "C" on July 18, 1969. Top of Perforations 9009'. Pool boundary colored in red. Proposed pool extension colored in green. SECTION 24: SM/4

CASE 4228: (1) EXTENSION OF AN EXISTING OIL POOL

.

County LEA Pool FLYING "N"-SAN ANDRES TOWNSHIP. Range 6 10 - 18 15 --19 -- 20 -23-21-24-30 29 28 27 26 25 · 31· - 32 -- 33 --35 - 36 --- 34 -PURPOSE: One completed oil well capable of producing. UNION TEXAS PETROLEUM CORPORATION - New Mexico "4" \$1 in Unit J of Section 4-10-33. Completed in San Andres on July 26, 1969. Top of Perforations 45081. Pool boundary colored in red. Proposed pool extension colored in green. SECTION 4: SE/4

CASE 4228: (m) EXTENSION OF AN EXISTING GAS POOL

COINTY	Eddy	POOL	Golden I	ane-straw	) Gas	
TOWNSHIP	208	RANGE	30E	NMPM		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
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					1 1	
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		-		+		
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31	32 -	33-	34	35	111	- 36 -
rpose: 0	ne compl	eted gas	well caps	ble of pro	ducing.	•
1 f Oil Co	- PAA	. DD ctat	- Wall Wa	.l in unit		
-20-30.	Complete	in Stra	wn March	27, 1969,	through	perfor
980' to 1						
ol bounda	rv color	d in red	_		., ., .,	
oposed ex						•
		ection 3				•
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CASE 4228: (n) EXTENSION OF AN EXISTING OIL POOL

County	LEA	Pool	HOBBS-BLIN	EBRY	<u></u>
TOWNSHIP	18 South	Range	38 East	NMPM	
					22
6			3-	2-	
	1 1				
					4-1-1-1-
7	8	9 -	10	- 11	12
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18	17	16	15	14	13
					<del>                                     </del>
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19-	20	21-	22	23	24
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		20	1 27	26	35
3		28	27	26	25
31	39mm	3	34	35	36
	wo completed				
				ral #31 in Unit	
58961.	Combitaced IN	Bilinebry of	u data 51, 1	1969. Top of 1	Sectora frome
	MPANY - Stat	e B #5 in	Init D of Se	etion 33-18-3	. Completed
				rations 5854'.	
	ry colored in		**************************************		
Proposed po	ol extensions	colored in	n groen. Si	CTION 29: NV/	/4
			81	CTION 32: SE	/4
			81	etion 33: W/	/4

CASE 4228: (o) EXTENSION OF AN EXISTING OIL POOL

County LEA	Pool	JUSTIS-BLINE	BRY	
TOWNSHIP 25 South	Range	37 Fast	NMPM	
6 + 5 -		3-4	2-	
7 - 8 -	<del>-        </del>	10		12
				<del></del>
18		1 1 1	14	13
19 20	21		23	24
30 + 29 +	28 +	27	<del>    2 </del> 5	25
	<del>- </del>	++++		
31 + 32 +	1 33 +	34	<del>    3</del>  5 <del>   </del>	36
PURPOSE: One complete	d oil well c	apable of pro	oducing.	
KING RESOURCES COMPANY				
pleted in Blinebry on		. Top of Per	rforations 5	288'.
Pool boundary colored				
Proposed pool extension	n colored in	green. SEC	FION 26: SW	/4
	===============================			
				•
				,

CASE 4228: (p) EXTENSION OF AN EXISTING GAS POOL

TOWNSHIP 20 South Range 34 East NMPM	County	LEA	Pool	LEA-PENNEYL	YANIAN CAS	
7 8 9 10 11 -12 -12 -13 -13 -13 -13 -13 -13 -13 -13 -13 -13	TOWNSHIP .	20 South	Range	34 East	NMPM	
7 8 9 10 11 -12 -12 -13 -13 -13 -13 -13 -13 -13 -13 -13 -13						
7 8 9 10 11 -12 -12 -13 -13 -13 -13 -13 -13 -13 -13 -13 -13						
18 17 16 15 14 13 13 19 19 19 19 19 19 19 19 19 19 19 19 19		5	4		2	
18 17 16 15 14 13 13 19 19 19 19 19 19 19 19 19 19 19 19 19						
18 17 16 15 14 13 13 19 19 19 19 19 19 19 19 19 19 19 19 19						
18 17 16 15 14 13 13 19 19 19 20 21 22 23 24 24 25 25 25 25 25 26 25 25 26 25 25 26 25 25 26 26 26 26 26 26 26 26 26 26 26 26 26				10		-12
PURPOSE: One completed gas well capable of producing.  SOUTHWESTERN NATURAL CAS, INC Asteo "14" Federal \$1 in Unit J of Section 14-20-34. Completed in Pennsylvanian-Band on June 9, 1969. Top of Perforations 12,987".  Pool boundary colored in red.  Proposed pool extension colored in green. SECTION 14: SE/4					11	12
PURPOSE: One completed gas well capable of producing.  SOUTHWESTERN NATURAL CAS, INC Asteo "14" Federal \$1 in Unit J of Section 14-20-34. Completed in Fennsylvanian-Band on June 9, 1969. Top of Perforations 12,987".  Pool boundary colored in red.  Proposed pool extension colored in green. SECTION 14: SE/4						
PURPOSE: One completed gas well capable of producing.  SOUTHWESTERN NATURAL CAS, INC Asteo "14" Federal \$1 in Unit J of Section 14-20-34. Completed in Fennsylvanian-Band on June 9, 1969. Top of Perforations 12,987".  Pool boundary colored in red.  Proposed pool extension colored in green. SECTION 14: SE/4						
PURPOSE: One completed gas well capable of producing.  SOUTHWESTERN NATURAL CAS, INC Asteo "14" Federal \$1 in Unit J of Section 14-20-34. Completed in Fennsylvanian-Band on June 9, 1969. Top of Perforations 12,987".  Pool boundary colored in red.  Proposed pool extension colored in green. SECTION 14: SE/4	10	17	16	15		13-
PURPOSE: One completed gas well capable of producing.  SOUTHMESTERN NATURAL GAS, INC Astec "14" Pederal \$1 in Unit J of Section 14-20-34. Completed in Pennsylvanian-Bend on June 9, 1969. Top of Perforations 12,987".  Pool boundary colored in red.  Proposed pool extension colored in green. SECTION 14: 28/4	16			13		13
PURPOSE: One completed gas well capable of producing.  SOUTHMESTERN NATURAL GAS, INC Astec "14" Pederal \$1 in Unit J of Section 14-20-34. Completed in Pennsylvanian-Bend on June 9, 1969. Top of Perforations 12,987".  Pool boundary colored in red.  Proposed pool extension colored in green. SECTION 14: 28/4						
PURPOSE: One completed gas well capable of producing.  SOUTHMESTERN NATURAL GAS, INC Astec "14" Pederal \$1 in Unit J of Section 14-20-34. Completed in Pennsylvanian-Bend on June 9, 1969. Top of Perforations 12,987".  Pool boundary colored in red.  Proposed pool extension colored in green. SECTION 14: 28/4						
PURPOSE: One completed gas well capable of producing.  SOUTHMESTERN NATURAL GAS, INC Astec "14" Pederal \$1 in Unit J of Section 14-20-34. Completed in Pennsylvanian-Bend on June 9, 1969. Top of Perforations 12,987".  Pool boundary colored in red.  Proposed pool extension colored in green. SECTION 14: 28/4	19	20	21-	22	23	24
PURPOSE: One completed gas well capable of producing.  SOUTHWESTERN NATURAL GAS, INC Astec "14" Pederal \$1 in Unit J of Section 14-20-34. Completed in Pennsylvanian-Bend on June 9, 1969. Top of Perforations 12,987".  Pool boundary colored in red.  Proposed pool extension colored in green. SECTION 14: SE/4						
PURPOSE: One completed gas well capable of producing.  SOUTHWESTERN NATURAL GAS, INC Astec "14" Pederal \$1 in Unit J of Section 14-20-34. Completed in Pennsylvanian-Bend on June 9, 1969. Top of Perforations 12,987".  Pool boundary colored in red.  Proposed pool extension colored in green. SECTION 14: SE/4						
PURPOSE: One completed gas well capable of producing.  SOUTHWESTERN NATURAL CAS, INC Astec "14" Pederal \$1 in Unit J of Section 14-20-34. Completed in Pennsylvanian-Bend on June 9, 1969. Top of Perforations 12,987".  Pool boundary colored in red.  Proposed pool extension colored in green. SECTION 14: SE/4						
PURPOSE: One completed gas well capable of producing.  SOUTHWESTERN NATURAL CAS, INC Astec "14" Pederal \$1 in Unit J of Section 14-20-34. Completed in Pennsylvanian-Bend on June 9, 1969. Top of Perforations 12,987".  Pool boundary colored in red.  Proposed pool extension colored in green. SECTION 14: SE/4	30	29	28	27	26	25
PURPOSE: One completed gas well capable of producing.  SOUTHWESTERN NATURAL CAS, INC Astec "14" Pederal \$1 in Unit J of Section 14-20-34. Completed in Pennsylvanian-Bend on June 9, 1969. Top of Perforations 12,987'.  Pool boundary colored in red.  Proposed pool extension colored in green. SECTION 14: SE/4						
PURPOSE: One completed gas well capable of producing.  SOUTHWESTERN NATURAL CAS, INC Astec "14" Pederal \$1 in Unit J of Section 14-20-34. Completed in Pennsylvanian-Bend on June 9, 1969. Top of Perforations 12,987'.  Pool boundary colored in red.  Proposed pool extension colored in green. SECTION 14: SE/4						
PURPOSE: One completed gas well capable of producing.  SOUTHWESTERN NATURAL CAS, INC Astec "14" Pederal \$1 in Unit J of Section 14-20-34. Completed in Pennsylvanian-Bend on June 9, 1969. Top of Perforations 12,987'.  Pool boundary colored in red.  Proposed pool extension colored in green. SECTION 14: SE/4						
PURPOSE: One completed gas well capable of producing.  SOUTHWESTERN NATURAL CAS, INC Astec "14" Pederal \$1 in Unit J of Section 14-20-34. Completed in Pennsylvanian-Bend on June 9, 1969. Top of Perforations 12,987'.  Pool boundary colored in red.  Proposed pool extension colored in green. SECTION 14: SE/4	31	32	33	34	35	36
SOUTHWESTERN NATURAL CAS, INC Astec "14" Pederal \$1 in Unit J of Section 14-20-34. Completed in Pennsylvanian-Bend on June 9, 1969. Top of Perforations 12,987',  Pool boundary colored in red.  Proposed pool extension colored in green. SECTION 14: SE/4						
SOUTHWESTERN NATURAL CAS, INC Astec "14" Pederal \$1 in Unit J of Section 14-20-34. Completed in Pennsylvanian-Bend on June 9, 1969. Top of Perforations 12,987',  Pool boundary colored in red.  Proposed pool extension colored in green. SECTION 14: SE/4						
tion 14-20-34. Completed in Pennsylvanian-Bend on June 9, 1969. Top of Perforations 12,987',  Pool boundary colored in red.  Proposed pool extension colored in green. SECTION 14: SE/4						
Perforations 12,987',  Pool boundary colored in red.  Proposed pool extension colored in green. SECTION 14: SE/4						
Proposed pool extension colored in green. SECTION 14: SE/4						_
Proposed pool extension colored in green. SECTION 14: SE/4						
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CASE 4228: (q) EXTENSION OF AN EXISTING OIL POOL

County I	ÆA	Pool MA	LJAHAR GRAYER	IRG-SAN ANDRES	
TOWNSHIP ]	7 South	Range	88 East	NMPM	
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31	32	33	34	35	36
	completed o			ucing. B of Section 16	1799
				Perforations 43	
	colored in				
roposed pool	extension c	olored in g	reen. SECTIO	ON 16: NE/4	
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CASE 4228: (r) EXTENSION OF AN EXISTING GAS POOL

OUNTY B	ddy	POOL	Paduca-No.	rrow Gas	
OWNSHIP	248	RANGE	31 <b>x</b>	NMPM	
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7 7	8 +	9-	10	11	12
18		16 -	15	14	13
	+ + +				
_19	20	21-	22	23	24
	+++				
	+++				
30	29 +	28	27	26	25
- 31	32	33		35 +	36
pose: O	m compl	sted gas	well capabl	e of produ	•
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78' to 14		TAUR UL N	ow ouly 22,	Lydy, UNI	ough periorat
l boundar	y color	d in red			4
posed est		colored in		· · · · · · · · · · · · · · · · · · ·	
······································		Rection 3	D: W/2		

CASE 4228: (a) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

County N	XOSEVELT	Pool	vada-pen <b>ns</b> ylv	MAINA	
TOWNSHIP .	8 South	Range	35 East	ммрм	
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18-	17	16	15	14	-13
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30	29	28	27	26	25
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31	32	33	34	35	36
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PURPOSE: \$1	x completed o	il wells c	apable of pro	ucing.	السلسا
				f Section 34-8-35	. Con-
	2.5		69. Top of P	erforations 9756*	•
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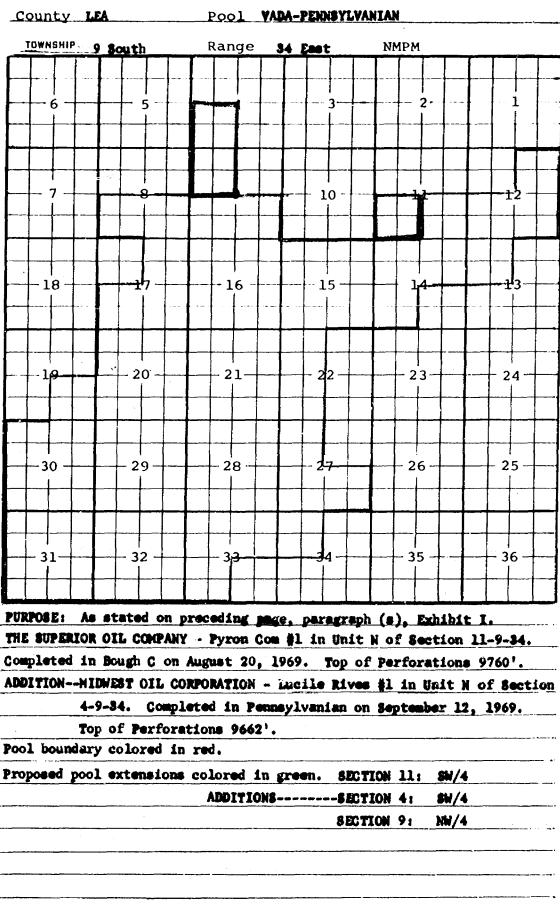
CASE 4228: (s) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

County ROOS	VELT	Pool	Vada- <b>Penns</b> ylva	NIAN	
TOWNSHIP	ou th	Range	\$6 East	NMPM	
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23	22	22		25	
31-	- 32	33-		35	36
PURPOSE: As ata	ited on pr	eceding p		1	
R. R. MORRISON -	Pederal	"D" #1 in	Unit L of Sec	tion 27-8-36.	Completed
in Pennsylvanian	on Augus	t 29, 196	9. Top of Per	forations 975	71.
ADDITIONCHARLE	8 B. READ	- Federa	1 "C" #1 in Un	it K of Fection	on 80-8-36.
		ugh C on (	October 1, 196	9. Top of Per	rforations
9754'.	· · · · · · · · · · · · · · · · · · ·				
col boundary co					• •
roposed pool ex	tensions (	colored in			
		ABBULL		ION 34: NW/4	
		ADUITIO	NBECT.	LON 30: NE/4	
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CASE 4228: (s) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

County	LEA						KAIKAVI		
TOWNSHIP	9 80	uth	F	Range	33	East	NMPM		
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RPOSE: /	le stat	ed on	prece	ding p	age, j	aragrap	h (0), Ex	hibit ]	
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oposeu po	OT ext	<b>CDS10</b>	u coro	red in	green	. SECT	ION 35:	FW/4	······································
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CASE 4228: (s) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)



CASE 4228: (s) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

	(*) EXTENSI				ed on next p
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				ION 3: NE/4	
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CASE 4228: (a) EXTENSION OF AN EXISTING OIL POOL (Continued)

County	LEA LEA	Pool YA	A-Pennsylv	/ANIAN	
TOWNSHIP	9 South	Range 30	East	NMPM	
6	5	4	3	2.	
	8 -		10	11 +-	-12
18	17	16	15	14	13
19	20	21	- 22	- 23	
	20	21	722	23	24
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30	23	20		20	
31	32	33	34	35	36
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				l Com #1 in U	
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			reen. SEC1	FION 7: NW/4	1
				TION 9: 8W/4	
zoposoc poo					L
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Addition to October Nomenclature Advertisement

Care 4228

1

CREATE A new pool in Lea County, New Mexico, classified as a gas pool for Queen production and designated as the South Corbin-Queen Cas Pool. The discovery well is Texo Oil Company, Buffalo Unit No. 11 located in Unit L of Section 35, Township 18 South, Range 33 East, NMPM. Said pool described as:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM SECTION 35: 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 new pools in Chaves and Lea Counties, New Mexico, the abelighment of an existing pool in Lea County, New Mexico, the contraction of an existing pools in Lea County, New Mexico, and the extension of certain existing pools in Eddy, Lea, and Roosevelt Counties, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations, abolishments, contractions, and extensions should not be made.

OK

a) CREATE A new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the Arena Roja-Pennsylvanian cas Pool. The discovery well is Skelly Oil Company's Mexico "P" Federal No. 1 located in Unit F of Section 21, Township 26 South, Range 35 East, NMPM. Said pool described as: would describe.

## TOWNSHIP 26 SOUTH, RANGE 35 EAST, NMPM SECTION 21: W/2

well

b) CREATE A new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production and designated as the East Chisum-San Andres Pool. The discovery well is Plains Radio Broadcasting Company, L E Ranch 9 No. 1 located in Unit O of Section 9, Township 11 South, Range 28 East, NMPM. Said pool described as: world comprise:

TOWNSHIP 11 SOUTH, RANGE 28 EAST, NMPM

SECTION 9: SW/4 SE/4

Le) ABOLISH the Anderson Ranch-Pennsylvanian Pool in Lea County, New Mexico, described as:

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM

SECTION 10: AND LEA COUNTY NEW MEXICO, AND

SECTION 10: All SECTION 14: All SECTION 15: All

(a) CONTRACT the Bagley-Pennsylvanian Pool in Lea County, New Mexico, by the deletion of the following described area:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM SECTION 33: NE/4

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

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM SECTION 2: Lots 1, 2, 7 and 8 and S/2 SECTION 11: N/2

( to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMFM

SECTION 2: SW/4

SECTION 33: NE/4

The Sauth Carlin-Judge Jak Pool. The distancy word in the
Tryo O's Champany's Proffer Plaker think well the 11, hocated in the hold of the Author think well the 11, hocated in think Log 1

Author 11, Township 18 Sauth, Kann 3: East, NMPM, Said pool would complete Author 11, Township 18 Sauth, Range 3: East, NMPM, Said pool would complete Author 11, Township 18 Sauth, Range 3: East, NMPM, Said pool would complete the 185, R. 33 E. NMPM, Said pool would complete the section 11, Township 18 Sauth, Range 3: East, NMPM, Said pool would complete the section 11, Township 18 Sauth Range 3: East, NMPM, Said pool would complete the section 11, Township 18 Sauth Range 3: East NMPM, Said pool would be supplied to 185, R. 33 E. NMPM, Said pool would be supplied to 185, R. 33 E. NMPM, Said pool would be supplied to 185, R. 33 E. NMPM, Said pool would be supplied to 185, R. 33 E. NMPM, Said pool would be supplied to 185, R. 33 E. NMPM, Said pool would be supplied to 185, R. 33 E. NMPM, Said pool would be supplied to 185, R. 33 E. NMPM, Said pool would be supplied to 185, R. 33 E. NMPM, Said pool would be supplied to 185, R. 33 E. NMPM, Said pool would be supplied to 185, R. 33 E. NMPM, Said pool would be supplied to 185, R. 33 E. NMPM, Said pool would be supplied to 185, R. 33 E. NMPM, Said pool would be supplied to 185, R. 33 E. NMPM, Said pool would be supplied to 185, R. 33 E. NMPM, Said pool would be supplied to 185, R. 33 E. MMPM, Said pool would be supplied to 185, R. 33 E. MMPM, Said pool would be supplied to 185, R. 33 E. MMPM, Said pool would be supplied to 185, R. 33 E. MMPM, Said pool would be supplied to 185, R. 33 E. MMPM, Said pool would be supplied to 185, R. 33 E. MMPM, Said pool would be supplied to 185, R. 33 E. MMPM, Said pool would be supplied to 185, R. 34 E. MMPM, Said pool would be supplied to 185, R. 34 E. MMPM, Said pool would be supplied to 185, R. 34 E. 34 E. MMPM, Said pool would be supplied to 185, R. 34 E. 34 E. 34 E. 34 E

October, 1969 Nomenclature

- (\*) EXTEND the Bluitt-San Andres Associated Pool in Roosevelt County, New Mexico, to include therein:
  - TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM SECTION 24: NW/4
  - TOWNSHIP 8 SOUTH, RANGE 38 EAST, NMPM SECTION 19: NE/4
- EXTEND the Cerca-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM SECTION 8: NE/4

d) EXTEND the Chaveroo-San Andres Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 7 SOUTH, RANGE 32 EAST, NMPM SECTION 35: SE/4

- 以動) EXTEND the South Flying "M"-Pennsylvanian Pool in Lea County, New Mexico, to include therein:
  - TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM SECTION 24: SW/4
- EXTEND the Flying "M"-San Andres Pool in Lea County, New Mexico, to include therein:
  - TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM SECTION 4: SE/4
- m 2) EXTEND the Golden Lane-Strawn Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 30 EAST, NMPM SECTION 32: E/

EXTEND the Hobbs-Blinebry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM
SECTION 29: NW/4
SECTION 32: SE/4
SECTION 33: NW/4

o n) EXTEND the Justis-Blinebry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM SECTION 26: SW/4

-3-October, 1969 Nomenclature

O o) EXTEND the Lea-Pennsylvanian Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM SECTION 14: SE/4

p) EXTEND the Maljamar Grayburg-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM SECTION 16: NE/4

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

TOWNSHIP 24 SOUTH, RANGE 31 EAST, NMPM SECTION 35: W/2

r) EXTEND the Vada-Pennsylvanian Pool in Lea and Roosevelt Counties, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM SECTION 34: SE/4

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM SECTION 27: SW/4 SECTION 34: NW/4

TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM SECTION 11: SW/4

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM

SECTION 2: NE/4 SECTION 3: NE/4

SECTION 9: N/2

SECTION 10: N/2

NEW POOLS
a). It is recommended that a new gas pool be created and designated as t
ARENA ROJA-PENNSYLVANIAN GAS POOL.
Vertical limits to be the <u>Atoka</u> formation and the horizont
limits should be as follows: As shown in Paragraph (a), Exhibit I
Discovery well was Skelly Oil Company - Mexico "P" Federal #1
located in Unit F Section 21 Township 26 Range 35 and was completed on
February 10、1969 增品的制度用金件容用容用容用容用容用容用容用容用容用容用容用容用容用容用容
perforations is at 15.565 feet.
b) It is recommended that a new oil pool be created and designated as t
EAST OHISUM-SAN ANDRES Pool.
Vertical limits to be the <u>San Andres</u> formation and the horizonto
limits should be as follows: As shown in Paragraph (b), Exhibit I
Discovery well was Plains Radio Broadcasting Company - LE Ranch 9 #1
located in Unit 0 Section 9 Township 11 Range 28 and was completed on
June 14, 1969 #\$#\$#\$#\$#\$#\$#\$#\$#\$#\$#\$#\$#\$#\$#\$#\$#\$#\$#\$
perforations is at 2155 feet.
c) It is recommended that a new gas pool be created and designated as the
SOUTH CORBIN-QUEEN GAS Pool.
Vertical limits to be the <u>Basal Penrose</u> formation and the horizontal
limits should be as follows: As shown in Paragraph (c), Exhibit I
Discovery well was Texo Oil Company - Buffalo Unit #11
located in Unit L Section 35 Township 18 Range 33 and was completed on
<u>July 18, 1969</u>
perforations is at 4584 feet.

Pool ARENA ROJA-PENNSYLVANIAN GAS County 26 South Range 35 East NMPM - 2. - 5 ---- 3--10 -8 -9 --11--12 -18 17 -- 16 15 -13--19 - 20 -- 22 -23-- 24 -25 --30 29 - 28 --- 27 -26 -32 -- 33 – - 35 - 31--- 34 -- 36 -PURPOSE: One completed gas well capable of producing. SKELLY OIL COMPANY - Mexico "P" Federal #1 in Unit F of Section 21-26-35. Completed in Atoka on February 10, 1969. Top of Perforations 15,565'. Proposed pool boundary colored in red. SECTION 21: W/2

CASE 4228: (b) CREATION OF A NEW OIL POOL

COUNTY	Chaves	POOL	East	Chisum-	-San Andres	5
TOWNSHIF	) lls	RANGE	28E	N	IMPM ,	01.400
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31-	32	33 -		34-	35	36
Purpose:	One comple	eted oil	well	capable	of produc	ing.
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	nit O of Se					Ranch 9 Well
	1969, thro					
						71
Proposed	pool bounda	ry color	ed in	green.		
		Se	ection	9: SW/4	4 SE/4	· · · · · · · · · · · · · · · · · · ·
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POOL SOUTH CORBIN-QUEEN GAS County LEA TOWNSHIP. Range 10 -- 8 --11--12 --18 - 16 -15 --17 --13--19 20 -21-23-24--- 27 25 --30 29-- 28 -- 26 -- 31-32 -- 33 – - 34 -- 36 --PURPOSE: One completed gas well capable of producing. TEXO OIL COMPANY - Buffalo Unit #11 in Unit L of Section 35-18-33, Completed in Basal Penrose on July 18, 1969. Top of Perforations 4584'. Proposed pool boundary colored in red. SECTION 35: SW/4

CASE 4228: (d) DELETION OF AN EXISTING OIL POOL

County	LEA	Pool Al	NDERSON RANCI	-PENNSYLVANIAN
TOWNSHIP	16 South	Range 3	2 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
Pool bounds	Anderson Ranch-Aury colored in	forrow Gas P red.	cool.	it may be placed in the
				3

CASE 4228: (e) DELETION OF AN EXISTING OIL POOL

County	LEA	Pool BA	<u>GLEY-PENNSYL</u>	VANIAN	<del></del>
TOWNSHIP	ll South	Range	33 East	NMPM	
6	5	4	3 -	2.	
			1		
7 +-	8	9 -	10	11-	12
				<del></del>	
				+	
18	17	16	15	14	13
			1		
		<del>-   -   -   -   -   -   -   -   -   -  </del>		1.   -   -	
					<del></del>
19	20	21	22	23	24
				1-1-1-1	
		++-		<del></del>	
30	29	28	27	26	25
	<del></del>				
31	32	33	34-	35	36-
					2- 1 - 12-
PURPOSE: To					
Pool boundary					
Proposed pool	deletion co.	lored in blu	ie. <u>SECTION</u>	33: NE/4	
			· · · · · · · · · · · · · · · · · · ·		
					<u> </u>
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				· · · · · · · · · · · · · · · · · · ·	
				·	
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CASE 4228: (f) EXTENSION OF AN EXISTING GAS POOL

County	LEA	Pool	ANDERSON	RANCH-MORRO	W GAS	3
TOWNSHIP	_16 South	Range	32 East	NMPM	7 8	-
	T				10 9	
<del></del>			1-1-1	<del></del>	15 16	
	5	4	3		2 1	<b></b>
		<del></del>			<b>  -</b> -	
7 7	8	9-	10		1 -	-12
				<del>- - - </del> - -		
		<del>-    - -</del>				
18	17	16	15	1	4	13
1,9	20		22	1 2:	3	24
	<del></del>					<del></del>
						<del></del>
<u> </u> 30	29	28	27	26		25
7 30 7	1 29	28	7/	26	,	23
1-1-1-			1			
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++-			<del></del>	+		<del>                                     </del>
31	32	33	34		; —	36
			1-1-	4-4-4-4		
RPOSE: To	add dedicated	acreage a	and one co	mpleted gas	well	capable of
	oducing.					
•				'Ho in Unit	A = 1	Continu
	OIL COMPANY -					
	leted in Morro					
ol boundary	colored in r	ed.				
oposed pool	<u>extensions c</u>	olored in	green. S	ECTION 2:	Lots	1, 2, 7 and
					and	S/2
			S	ECTION 11:	N/2	
	Λ	אחזידנממ				
	A		Ω	<u> </u>		•
					· •···, •··	
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				<b>.</b>		

POOL NORTH BAGLEY-LOWER PENNSYLVANIAN LEA County TOWNSHIP **NMPM** Range 33 East 5 g -10 -8 --12 - 18 - 16 15 20 21-23 24 25 -29-28 -- 27 -26 32 35 34 -36 PHRPOSE: To take in deleted acreage from Bagley-Pennsylvanian Pool and two completed oil wells capable of producing. JOHN L. COX - Fina State #1 in Unit M of Section 2-11-33. Completed in Pennsylvanian on September 2, 1969. Top of Perforations 10,257'. AMERADA HESS CORPORATION - State BT "M" #2 in Unit H of Section 33-11-33. Completed in Lower Pennsylvanian on August 3, 1969. Top of Perforations 9672'. ADDITION -- SAM BOREN - Mathers C #1 in Unit K of Section 30-11-33. Completed in Lower Pennsylvanian on September 23, 1969. Top of Perforations 10,006'. Pool boundary colored in red. Proposed pool extensions colored in green. SECTION 2: SW/4SECTION 33: NE/4 ADDITION-----SECTION So: SW/4

CASE 4228: (h) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

County	ROOSEVELT	Pool	BLUITT-SAN AN	DRES ASSOCIATE	D D
TOWNSHIP	_8 South	Range	37 East	NMPM	
6		4	3-	2-	1
18	17	-16		14	-12
19	20	21-	22	23	2.4
30	29	28	27	26	25
in San Andre	es on June 15, cy colored in 1	E" #1 in 1969. T red.	Unit C of Sect	oducing. zion 24-8-37. zions 4668'.	

CASE 4228: (h) EXTENSION OF AN EXISTING OIL POOL (Continued)

County ROOSEVELT	Pool BLUITT-SAN	ANDRES ASSOCIATED
TOWNSHIP 8 South	Range 38 East	NMPM
6 5	4 - 3-	
7 8	9 10	11 - 12 -
1817	1615	14 13
19 20	21 22-	23 24
30 - 29 -	28 27	26 25
31 32	33 - 34	35 + 36 +
in San Andres on August 5	USA #1 in Unit B of the control of t	f Section 19-8-38. Complete forations 4734'.
Proposed pool extension o	colored in green. SI	ECTION 19: NE/4

CASE 4228: (i) EXTENSION OF AN EXISTING OIL FOOL

County	LEA	Pool	CERCA-UPPE	R PENNSYLVANIA	/N
TOWNSHIP	_14 South	Range	34 East	NMPM	
6	1   9	4	3-	2.	_     1
	+ + - +	-			
					+++
7 +	8	9 -	10	11+	12
18	17	16	15	14	13
					<del>                                      </del>
19	20	21	22	23-	24
30 +	29	28	27	26	25
31	32	33	34	35	36
	32				
				oducing.	
				ction 8-14-34	ations 10,386
	ry colored in		20, 1707.		utions 10,000
	•			TION 8: NE/	4
					······································
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				$\smile$	

CASE 4228: (j) EXTENSION OF AN EXISTING OIL POOL

County	ROOSEVELT		AVEROO-SAN A		
TOWNSHIP	_ 7 South	Range	32 East	NMPM	
				2.	
6	5	4	3		
7	8	9 —	10		
			10	11	-12
			1-1-		
18	17	16	15	14	13
				<u> </u>	
			1 1 - 1 - 1 -	<del>                                     </del>	
19	20	21	22	29	24
				<del>                                      </del>	
			<del>                                     </del>		
30	29	28	27	26	25
<b></b>					
31-	32	33	34	35	36
PURPOSE: One	e completed o	il well can	able of prod	neine	
			-	t J of Section	on 35-7-32
				of Perforatio	
	colored in				
				ON 35: SE/4	
		<u> </u>			
		······································			
					·····

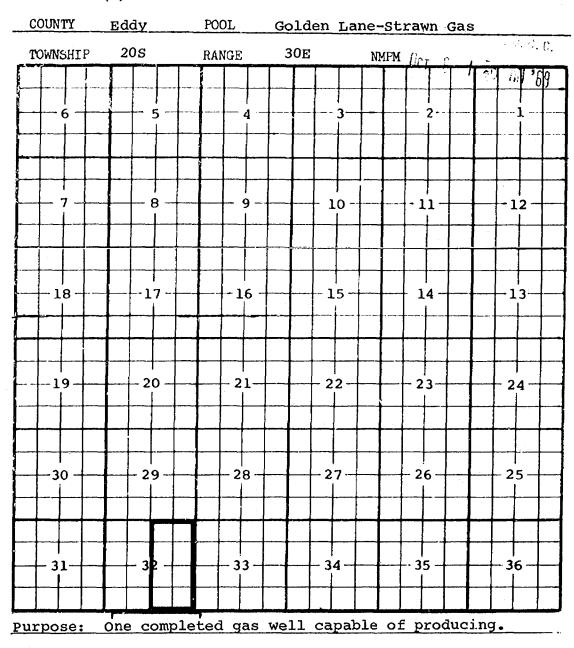
CASE 4228: (k) EXTENSION OF AN EXISTING OIL POOL

County LEA	Pool SOUTH FLYIN	NG "M"-PENNSYLVANIAN
TOWNSHIP 9 South	Range 32 East	NMPM
6 - 5 -		2- 1
7 - 8 -	9 10	11 - 12
1817	16 - 15 -	1413
19 20	21 22	23 24
30	28	26 25
31 32	33 - 34-	35 - 36
KING RESOURCES COMPAN Completed in Bough "C		Unit M of Section 24-9-32. p of Perforations 9009'.
Proposed pool extensi	on colored in green. S	ECTION 24: SW/4

CASE 4228: (1) EXTENSION OF AN EXISTING OIL POOL

County	. ,		FLYING "M"-SA		
TOWNSHIP	_ 10 South	Range	33 East	NMPM	
6	5		3-	2.	1
7	8	9 -			
				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
31	32	33	34	35	36
UNION TEXAS	PETROLEUM CO	RPORATION an Andres	on July 26,	"4" #1 in Uni 1969. Top of	it J of Section Perforations
Pool boundar		red.	n green. SEC	rion 4: se/4	
					,

CASE 4228: (m) EXTENSION OF AN EXISTING GAS POOL



Gulf Oil Corp. Eddy BD State Well No. 1 in unit P of Section 32-20-30. Completed in Strawn March 27, 1969, through perforations 10980 to 11011.

Pool boundary	colored in red.	
Proposed exte	nsion colored in green.	
:.	Section 32: E/2	

CASE 4228: (n) EXTENSION OF AN EXISTING OIL POOL

Pool

County LEA

HOBBS-BLINEBRY

TOWNSHIP - 18 South Range 38 East NMPM 10 ~ 18 17 - 16 15 14 - 20 -19 21-23-24 27 26 28 25 -- 34 -- 35 36 PURPOSE: Two completed oil wells capable of producing. HIMBLE OIL & REFINING COMPANY - Bowers A Federal #31 in Unit E of Section 29-18-38. Completed in Blinebry on July 27, 1969. Top of Perforations 5896'. SHELL OIL COMPANY - State B #5 in Unit D of Section 33-18-38. Completed in Blinebry on August 16, 1969. Top of Perforations 5854'. Pool boundary colored in red. Proposed pool extensions colored in green. SECTION 29: NW/4 SECTION 32: SE/4 SECTION 33: NW/4

CASE 4228: (o) EXTENSION OF AN EXISTING OIL POOL

County L	ZA	Pool J	USTIS-BLIN	EBRY	
TOWNSHIP 25	South	Range	37 East	NMPM	
6-		4	3	2.	
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7	8	9	10-	- 11 -	12
<b>I</b>			╉╌┼╌┼╌┤		
18	17	16	15	14	13-
10	20	21	1 22	22	
19	720	21	22	23	24
30	129	28	27	26	25
				<del>- - - -</del>	
			<del> </del>		
31-		33	34	35 +	36
	+++++		╂╌┼╌┼╌┼		
			-1.7		
PURPOSE: One KING RESOURCES	<del>-</del>		<del></del>		
pleted in Blin					
Pool boundary					
Proposed pool					
					•
· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·				
		· · · · · · · · · · · · · · · · · · ·			,

CASE 4228: (p) EXTENSION OF AN EXISTING GAS POOL

County LEA	Pool LE	A-PENNSYLV	ANIAN GAS	······································
TOWNSHIP 20 South	Range 3	l East	NMPM	
6 5	4	1	2.	_
	а			
				4-4-4-
7 - 8 -	9-1-1	16-	- 11 +	-12
			$\blacksquare$	4-1-1-
				<del>-</del>
18	16	15	14-	13
	<del>                                     </del>	+++	╂╌╄╌┾	
			1	<del>                                      </del>
19 + 20 +	21	22	23	24
			1-1-1-	1-1-1-
				<del>                                     </del>
				1 -
30 + 29 +	28	27	26	25
31 32	22	34	35	36
31 32	33	34	33	30
PURPOSE: One completed	gas well capa	ble of pro	ducing.	
SOUTHWESTERN NATURAL GAS	, INC Azte	c "14" Fed	eral #l in U	nit J of Sec-
tion 14-20-34. Complete	ed in Pennsylv	anian-Bend	on June 9,	1969. Top of
Perforations 12,987'.		. And the second se		
Pool boundary colored in				
Proposed pool extension	colored in gr	een. SECT	ION 14: SE/	4
				•
				***************************************
				· • • • • • • • • • • • • • • • • • • •
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CASE 4228: (q) EXTENSION OF AN EXISTING OIL POOL

County	LEA	Pool M	ALJAMAR GRAY	BURG-SAN ANDRI	E\$
TOWNSHIP	17 South	Range	33 East	NMPM	
6	5	4	3	2-	1
7	8-	9-1	10	-11	-12
18	17	- 1	15	14	13-
19	20	21	22	23	24
30	29	28	27	26-	25-
31		33	34	35	36
PHILLIPS PET) Completed in Pool boundary	Grayburg on Grayburg on G	il well ca Y - Leamex June 26, l red.	#13 in Unit 969. Top of	ducing.  B of Section  Perforations  ION 16: NE/4	4314'.

CASE 4228: (r) EXTENSION OF AN EXISTING GAS POOL

DUNTY	Eddy	P	POOL Paduca-Mon			orrow Gas				
DWNSHIP	24	S R.	ANGE	31E		NMPM	I = I/m			٧.
			T				7 7 7	$\neg r$	4 00	1,
	<b></b>		1-1-	<del>                                     </del>		<del>                                     </del>	<del>   -</del>		+-+-	' <del> / '∂</del>
6-	5		4	<del>  -   -  </del>	3	<del>├</del> ─╁╌	2	_}-	<del> 1</del> -	
	-			┼-┼-					<del>                                     </del>	
	1-1-1	<del></del>		<b>∔</b>						1-1
-							1 . 1	1		
_ /	8		<del> </del> 9 -		10 -	1	111		12-	
	1			1-1-			1-1-	1		1
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- 18	-1-17		-16 -	<del>  </del>	<b>- 1</b> 5 -		14-		13-	
					l					
-19	20	+-	21-	1-1-1	- 22 -		23-	1-	- 24 -	11
	$f \rightarrow f$		+				<del></del>			+-1
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_30 <del> </del>	29		+ 28		- 27 -		26		 ∽ 25 <i>~</i>	
					- { }		] ]			
1 7	1	11	1-1-		++					
- 31	32	+++	33 -		- 34 -		- 15	+	- 36 -	H
	<del>                                     </del>		<del> </del>		$\dashv$	-		+-	<del></del>	
ose:	One cor	<u>mplete</u>	d gas	well	capab	<u>le of</u>	produ	cing	•	
		·								
aco Inc	. Cott	on Dr	aw Uni	t Wel	l No.	67 i	n unit	Lо	f Sec	tio
24-31.	Comple	eted i	n Morr	ow Ju	Ly 22	, 196	9, thre	ough	peri	fora
18º to	14970'.	•								
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1										<del></del> -
	ary col							·	<del></del>	••
posed e	xtensio									
<del></del> _		Sect	tion 3	5: W/	4		<u>-</u>			
			1						·-·-	

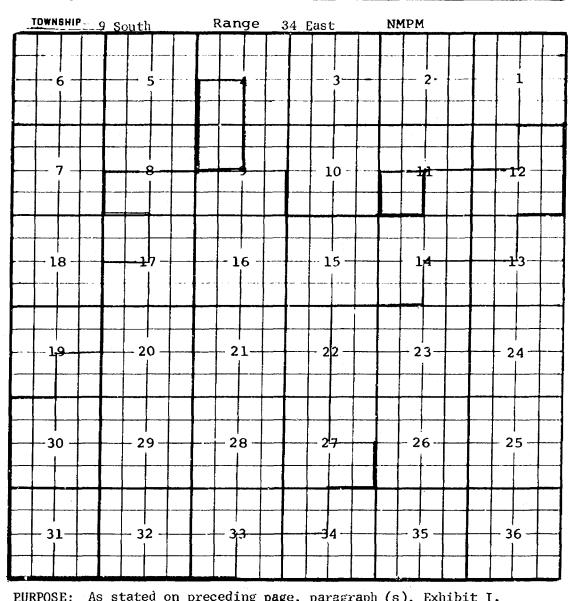
County RO	OSEVELT	Pool	VADA-PENNSYL	JANIAN	
TOWNSHIP	8 South	Range	35 East	NMPM	
6	5	4	3-	2.	1
7	8	9	10	11	-12
18	-17	16	15	14	-13
19	20	21-	22	23	24
30	29	28	27	26	25
31-	32	33	34	35	36
<u>BTA OIL PRODI</u> pleted in Bou Pool boundary	ICERS - Will  Igh "C" on Au  Colored in	693 Ltd. gust 8, 19	969. Top of	of Section 34 Perforations	9756'.
			green. SAT	ION 34: SE/4	•

CASE 4228: (s) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

County ROOSEVELT	Pool VADA-PENNSYI	· • • • • • • • • • • • • • • • • • • •
TOWNSHIP 8 South	Range 36 East	NMPM
6 5	4 - 3-	2
7 8	9 10 -	-11
18 17	16 15	1413
19 20	21 22	23 24
<b>36</b> - 29	28 37	26 25
31 32 32	33 - 34 -	35 36 36 36 36 36 36 36 36 36 36 36 36 36
in Pennsylvanian on Augus ADDITIONCHARLES B. REAL Completed in Be	"D" #1 in Unit L of S st 29, 1969. Top of 1 D - Federal "C" #1 in	Perforations 9757'.  Unit H of Section 30-8-36.  1969. Top of Perforations
Panl boundary colored in	red.  colored in green. SI	

County LEA

POOL VADA-PENNSYLVANIAN



runton. No seaced on preceding page, paragraph (s), initiate i.
THE SUPERIOR OIL COMPANY - Pyron Com #1 in Unit N of Section 11-9-34.
Completed in Bough C on August 20, 1969. Top of Perforations 9760'.
ADDITION MIDWEST OIL CORPORATION - Lucile Rives #1 in Unit N of Section
4-9-34. Completed in Pennsylvanian on September 12, 1969.
Top of Perforations 9662'.
Pool boundary colored in red.
Proposed pool extensions colored in green. SECTION 11: SW/4
ADDITIONSSECTION 4: SW/4
SECTION 9: NW/4

CASE 4228: (s) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

County	. ,		DA-PENNSYLV	·	
TOWNSHIP	9 South	Range 3	5 East	NMPM	
0	3				
			10		
	8		10	11	12
		36	1 1		
18	17	16	15	14	13
10	20	21	22	22	
-   19	20	21	22	23	24
20		20	27	26	25
30 +	29	28	27	26	25
31	32	33	34-	35	- 36
31	32	33	34	33	3,0
PURPOSE: A	s stated on r	oreceding pag	ge, paragrag	oh (s), Exhib	it I.
	<del>-</del>				9-35. Complet
	C on Septemb				•
		-	•		ion 9-9-35.
					ns 9795'.
			_		10-9-35. Con
					98261.
DDITIONT	'ENNECO OIL CO	MPANY - Mort	on Pederal	#1 in Unit A	of Section 12
*					op of Perfora-
	ions 9839'.				-
ool bounda	ry colored in	red.			
	ol extensions		green. SEC	TION 2: NE/	<u>'4</u>
_	-		•	TION 3: NE/	
ADD	ITIONSEC	TION 12; NE	/4 SEC	TION N/2	•
			SEC	TION 10: N/2	

CASE 4228: (s) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

	LEA LATENS			LVANIAN	ed on next pe
TOWNSHIP			33 East	NMPM	
			3	2-	
6	5	4	3	2	
7 -	8	9 -	10		-12
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					<del>                                     </del>
18	17 -	16	15	14	13
					1 1 1 1
19	20	21-	22	23	24
30	29	20	27	26	25
30	29	28	27	26	23
31	32	33	34	<b>3</b> 5	36
			<u> </u>		
				h (s), Exhibi	*,
				l in Unit K o	
				ember 24, 196	
	y colored in				
roposea poo	r extension c	oroteo Iu ?	treem 241	ION 35: SW/4	· · · · · · · · · · · · · · · · · · ·
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					,
			· · · · · · · · · · · · · · · · · · ·	<del></del>	•

Pool VADA-PENWSYLVANIAN 9 South Range 36 East 8 -10 -- 11 -12 -17-- 18 - 16 -- 15 -14 ---19 20 -21-22 23 24--30 29 - 28 27 - 26 -25 32 -31-- 33 -34 -35 36 -PURPOSE: As stated on preceding page, paragraph (s), Exhibit I. ADDITION -- TENNECO OIL COMPANY - Campbell Federal Com #1 in Unit F of Section 7-9-36. Completed in Bough C on September 20, 1969. Top of Perforations 9766'. ADDITION-BTA OIL PRODUCERS - Cash 691 Ltd. #1 in Unit L of Section 9-9-36. Completed in Bough "C" on September 10, 1969. Top of Perforations 9836'. Pool boundary colored in red. Proposed pool extensions colored in green. SECTION 7: NW/4 SECTION 9: SW/4

### 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:

10

CASE NO. 4228 ORDER NO. R-3833

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

### ORDER OF THE COMMISSION

### BY THE COMMISSION:

This cause came on for hearing at 9:00 a.m. on October 15, 1969, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this <u>day of October</u>, 1969, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, 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 Lea County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of Arena Roja-Pennsylvanian Gas Pool. Said Arena Roja-Pennsylvanian Gas Pool was discovered by the Skelly Oil Company Mexico "P" Federal Well No. 1, located in Unit F of Section 21, Township 26 South, Range 35 East, NMPM. It was completed in the Atoka formation on February 10, 1969. The top of the perforations is at 15,565 feet.
- (3) That there is need for the creation of a new oil pool in Chaves County, New Mexico, for the production of oil from the San Andres formation, said pool to bear the designation of East Chisum-San Andres Pool. Said East Chisum-San Andres Pool was discovered by the Plains Radio Broadcasting Company LE Ranch 9 Well No. 1, located in Unit 0 of Section 9, Township 11 South, Range 28 East, NMPM. It was completed in the San Andres formation on June 14, 1969. The top of the perforations is at 2155 feet.
- (4) That there is need for the creation of a new gas pool in Lea County, New Mexico, for the production of gas from the Basal Penrose formation, said pool to bear the designation of South Corbin-Queen Gas Pool. Said South Corbin-Queen Gas Pool was discovered by the Texo Oil Company Buffalo Unit Well No. 11, located in Unit L of Section 35, Township 18 South, Range 33 East, NMPM. It was completed in the Basal Penrose formation on July 18, 1969. The top of the perforations is at 4584 feet.
- (5) That there is need for the contraction of the Anderson Ranch-Pennsylvanian Pool in Lea County, New Mexico, by the deletion of certain acreage in order that said acreage may be placed in the Anderson Ranch-Morrow Cas Pool.
- (6) That there is need for the contraction of the Bagley-Pennsylvanian Pool in Lea County, New Mexico, by the deletion of certain acreage in order that said acreage may be placed in the North Bagley-Lower Pennsylvanian Pool.
- (7) That there is need for certain extensions to the Golden Lane-Strawn Cas Pool and the Paduca-Morrow Gas Pool, both in Eddy County, New Mexico, the Anderson Ranch-Morrow Gas Pool, the North Bagley-Lower Pennsylvanian Pool, the Cerca-Upper Pennsylvanian Pool, the South Flying "N"-Pennsylvanian Pool, the Flying "N"-San Andres Pool, the Hobbs-Blinebry Pool, the Justis-Blinebry Pool,

the Lea/Pennsylvanian Gas Pool, and the Maljamar Grayburg San Andres Pool, all in Lea County, New Mexico, the Bluitt San Andres Associated Pool and the Chaveroo San Andres Pool, both in Roosevelt County, New Mexico, and the Vada Pennsylvanian Pool in Lea and Roosevelt Counties, New Mexico.

### IT IS THEREFORE ORDERED:

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

### TOWNSHIP 26 SOUTH, RANGE 35 EAST, NMPM SECTION 21: W/2

(b) That a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production, is hereby created and designated as the East Chisum-San Andres Pool, consisting of the following described area:

### TOWNSHIP 11 SOUTH, RANGE 28 EAST, NMPM SECTION 9: SW/4 SE/4

(c) That a new pool in Lea County, New Mexico, classified as a gas pool for Basal Penrose production, is hereby created and designated as the South Corbin-Queen Gas Pool, consisting of the following described area:

### TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM SECTION 35: SW/4

(d) That the Anderson Ranch-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following described area:

## TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM SECTION 11: N/2

(e) That the Bagley-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following described area:

## TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM SECTION 33: NE/4

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

## TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM SECTION 2: Lots 1, 2, 7 and 8 and 8, 4 SECTION 11: All

(g) That the North Bagley-Lower Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

# TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM SECTION 2: SW/4 SECTION 30: SW/4 SECTION 33: NE/4

- (h) That the Bluitt-San Andres Associated Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:
  - TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM SECTION 24: NW/4
  - TOWNSHIP 8 SOUTH, RANGE 38 EAST, NMPM SECTION 19: NE/4

(i) That the Cerca-Upper 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 8: NE/4

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

### TOWNSHIP 7 SOUTH, RANGE 32 EAST, NMPM SECTION 35: SE/4

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

## TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM SECTION 24: SW/4

(1) 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 10 SOUTH, RANGE 33 EAST, NMPM SECTION 4: SE/4

(m) That the Golden Lane-Strawn Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

### TOWNSHIP 20 SOUTH, RANGE 30 EAST, NMPM SECTION 32: E/2

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

TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM SECTION 29: NW/4 SECTION 32: SE/4 SECTION 33: NW/4

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

### TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM SECTION 26: SW/4

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

### TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM SECTION 14: SE/4

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

### TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM SECTION 16: NE/4

(r) That the Paduca-Morrow 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 35: W/2

(s) That the Vada-Pennsylvanian Pool in Lea and Roosevelt Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

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TORMSHIP 8 SOUTH, RANGE 35 EAST, NOTES SECTION 34: SE/4
TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM
SECTION 27: SW/4
SECTION 30: NE/4
SECTION 34: NW/4
TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
SECTION 35: SW/4
TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM
SECTION 4:
             SW/4
SECTION 9:
             NW/4
SECTION 11: SW/4
TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM
SECTION 2:
             NE/4
SECTION 3:
             NE/4
SECTION 9:
             N/2
SECTION 10: N/2
SECTION 12: NE/4
TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM
SECTION 7:
             NW/4
SECTION 9:
             SW/4
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### 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, contractions, and extensions included herein shall be November 1, 1969.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

ALEX ARMIJO, Member

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