CASE 6421: SOUTHEASTERN MEN MEXICO SCHENCLATURE FOR JANUARY, 1979

CASE NO.

6421

APPlication, Transcripts, Small Exhibits,

ETC.

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

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

> CASE NO. 6421 Order No. R-5911

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

ORDER OF THE DIVISION

BY THE DIVISION:

Maria de

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

NOW, on this 23rd day of January, 1979, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having beer given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) That there is need for the creation of a new oil pool in Eddy County, New Mexico, for the production of oil from the Wolfcamp formation, said pool to bear the designation of Avalon-Wolfcamp Pool. Said Avalon-Wolfcamp Pool was discovered by the Maralo, Inc. Hanson Federal Well No. 2 located in Unit O of Section 28, Township 20 South, Range 27 East, NMPM. It was completed May 21, 1975, in the Wolfcamp formation. The top of the perforations is at 8,332 feet.
- (3) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of Black River-Atoka Gas Pool. Said Black River-Atoka Gas Pool was discovered by the HNG Oil Company Bowden 25 Federal Com Well No. 1 located in Unit I of Section 25, Township 24 South, Range 26 East, NMPM. It was completed May 15, 1973, in the Atoka formation. The top of the perforations is at 11,210 feet.

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- (4) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Strawn formation, said pool to bear the designation of Box Canyon-Strawn Gas Pool. Said Box Canyon-Strawn Gas Pool was discovered by the Yates Petroleum Corporation Huber IA Federal Well No. 2 located in Unit P of Section 15, Township 21 South, Range 21 East, NMPM. It was completed April 6, 1978, in the Strawn formation. The top of the perforations is at 6,790 feet.
- (5) That there is need for the creation of a new oil pool in Eddy County, New Mexico, for the production of oil from the Delaware formation, said pool to bear the designation of Cotton Draw-Delaware Pool. Said Cotton Draw-Delaware Pool was discovered by the Coquina Oil Corporation El Paso Federal Well No. 1 located in Unit K of Section 12, Township 24 South, Range 31 East, NMPM. It was completed July 16, 1978, in the Delaware Tormation. The top of the perforations is at 4,590 feet.
- (6) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of East Cottonwood Creek-Atoka Gas Pool. Said East Cottonwood Creek-Atoka Gas Pool was discovered by the Yates Petroleum Corporation Lizzie Howard HK Well No. 1 located in Unit K of Section 13, Township 16 South, Range 25 East, NMPM. It was completed April 13, 1977, in the Atoka formation. The top of the perforations is at 7,178 feet.
- (7) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Yates-Seven Rivers formation, said pool to bear the designation of North Custer Yates-Seven Rivers Pool. Said North Custer Yates-Seven Rivers Pool was discovered by the Gifford, Mitchell Wisenbaker Amoco State Well No. 1 located in Unit B of Section 36, Township 24 South, Range 35 East, NMPM. It was completed September 14, 1978, in the Yates-Seven Rivers formation. The top of the perforations is at 3,668 feet.
- (8) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of Diamond Mound-Atoka Gas Pool. Said Diamond Mound-Atoka Gas Pool was discovered by the Northern Natural Gas Company Vandagriff Federal Well No. 1 located in Unit K of Section 1, Township 16 South, Range 27 East, NMPM. It was completed June 8, 1972, in the Atoka formation. The top of the perforations is at 8,698 feet.

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- (9) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Fenton Draw-Morrow Gas Pool. Said Fenton Draw-Morrow Gas Pool was discovered by the Perry R. Bass Big Eddy Unit Well No. 53 located in Unit G of Section 8, Township 21 South, Range 28 East, NMPM. It was completed June 20, 1978, in the Morrow Tormation. The top of the perforations is at 11,639 feet.
- (10) That there is need for the creation of a new oil pool in Eddy County, New Mexico, for the production of oil from the Cherry Canyon formation, said pool to bear the designation of Herradura Bend-Cherry Canyon Pool. Said Herradura Bend-Cherry Canyon Pool was discovered by The Eastland Oil Company City of Carlsbad Well No. 1 located in Unit K of Section 29, Township 22 South, Range 28 East, NMPM. It was completed August 5, 1978, in the Cherry Canyon formation. The top of the perforations is at 3,274 feet.
- (11) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of East High Hope-Atoka Gas Pool. Said East High Hope-Atoka Gas Pool was discovered by the Beard Oil Company Hagstrom Well No. 1 located in Unit K of Section 8, Township 17 South, Range 24 East, NMPM. It was completed March 29, 1978, in the Atoka formation. The top of the perforations is at 7,022 feet.
- (12) 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 Hume-Atoka Gas Pool. Said Hume-Atoka Gas Pool was discovered by the Mewbourne Oil Company State E Com Well No. 1 located in Unit V of Section 6, Township 16 South, Range 34 East, NMPM. It was completed May 13, 1977, in the Atoka formation. The top of the perforations is at 12,474 feet.
- (13) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Strawn formation, said pool to bear the designation of Loafer Draw-Strawn Gas Pool. Said Loafer Draw-Strawn Gas Pool was discovered by the Inexco Oil Company Arroyo Federal Well No. 1 located in Unit K of Section 26, Township 21 South, Range 22 East, NMPM. It was completed August 25, 1978, in the Strawn formation. The top of the perforations is at 8,399 feet.
- (14) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Cisco Canyon formation, said pool to bear the designation of Logan Draw-Cisco Canyon Gas Pool. Said Logan Draw-Cisco Canyon

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Gas Pool was discovered by Mesa Petroleum Company Potter Federal Com Well No. 1 located in Unit B of Section 29, Township 17 South, Range 27 East, NMPM. It was completed October 8, 1977, in the Cisco Canyon formation. The top of the perforations is at 7,697 feet.

- (15) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of North Loving-Morrow Gas Pool. Said North Loving-Morrow Gas Pool was discovered by the Cities Service Company Polk A Com Well No. 1 located in Unit B of Section 17, Township 23 South, Range 28 East, NMPM. It was completed June 23, 1978, in the Morrow formation. The top of the perforations is at 12,144 feet.
- (16) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Strawn formation, said pool to bear the designation of North Loving-Strawn Gas Pool. Said North Loving-Strawn Gas Pool was discovered by the Cities Service Company Polk A Com Well No. 1 located in Unit B of Section 17, Township 23 South, Range 28 East, NMPM. It was completed June 27, 1978, in the Strawn formation. The top of the perforations is at 11,152 feet.
- (17) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Drinkard formation, said pool to bear the designation of Lovington-Drinkard Pool. Said Lovington-Drinkard Pool was discovered by the Getty Oil Company State "O" Well No. 12 located in Unit J of Section 31, Township 16 South, Range 37 East, NMPM. It was completed September 14, 1978, in the Drinkard formation. The top of the perforations is at 7,849 feet.
- (18) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of South Millman Atoka Gas Pool. Said South Millman-Atoka Gas Pool was discovered by the Hondo Oil and Gas Company Hondo 22 State Well No. 1 located in Unit H of Section 22, Township 19 South, Range 28 East, NMPM. It was completed December 13, 1977, in the Atoka formation. The top of the perforations is at 10,477 feet.
- (19) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Premier formation, said pool to bear the designation of Pavo Mesa-Premier Gas Pool. Said Pavo Mesa-Premier Gas Pool was discovered by the Carl A. Schellinger Exxon Federal Well No. 1 located in Unit M of Section 29, Township 16 South, Range 29 East, NMPM. It was completed October 3, 1978, in the Premier formation. The top of the perforations is at 2,360 feet.

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- (20) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Penasco Draw-Morrow Gas Pool. Said Penasco Draw-Morrow Gas Pool was discovered by the Morris R. Antweil Penasco Well No. 1 located in Unit O of Section 20, Township 18 South, Range 25 East, NMPM. It was completed June 23, 1977, in the Morrow formation. The top of the perforations is at 8,634 feet.
- (21) That there is need for the extension of the vertical limits of the Monument-Tubb Pool in Lea County, New Mexico, to include the Drinkard formation and the redesignation of said Monument-Tubb Pool as the Monument Tubb-Drinkard Pool. The Amoco Production Company Gillully B Federal Well No. 20 located in Unit H of Section 21, Township 20 South, Range 37 East, NMPM, has been completed in the Tubb and Drinkard formations.
- (22) That there is need for certain extensions to the Southeast Chaves Queen Gas Area and the Tom-Tom San Andres Pool, both in Chaves County, New Mexico, the South Empire-Morrow Gas Pool, the South Millman-Morrow Gas Pool, the Penasco Draw-Atoka Gas Pool, and the North Turkey Track-Morrow Gas Pool, all in Eddy County, New Mexico, the Blinebry Oil and Gas Pool, the Jenkins-San Andres Pool, the Langley-Ellenburger Gas Pool, the Lovington-Queen Gas Pool, the Sioux-Yates Pool, the Sombrero-Morrow Gas Pool, the West Tonto-Pennsylvanian Gas Pool, the Tubb Gas Pool, the Wantz-Abo Pool, and the Warren-Tubb Gas Pool, all in Lea County, New Mexico, and the South Peterson-Pennsylvanian Pool in Roosevelt County, New Mexico.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM Section 28: SE/4

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

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM Section 25: E/2

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

TOWNSHIP 21 SOUTH, RANGE 21 EAST, NMPM Section 15: S/2

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

TOWNSHIP 24 SOUTH, RANGE 31 EAST, NMPM Section 12: SW/4

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

TOWNSHIP 16 SOUTH, RANGE 25 EAST, NHP!: Section 13: W/2

(f) That a new pool in Lea County, New Mexico, classified as an oil pool for Yates-Seven Rivers production, is hereby preated and designated as the North Custer Yates-Seven Rivers Pool, consisting of the following described area:

TOWNSHIP 24 SOUTH, RANGE 35 EAST, NMPM Section 36: NE/4

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

TOWNSHIP 16 SOUTH, RANGE 27 EAST, NMPM Section 1: All Section 2: Lots 1, 2, 7, 8, 9, 10, 15, and 16

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

TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM Section 8: E/2

Case No. 6421 Order No. R-5911

(i) That a new pool in Eddy County, New Mexico, classified as an oil pool for Cherry Canyon production, is hereby created and designated as the Herradura Bend-Cherry Canyon Pool, consisting of the following described area:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM Section 29: SW/4

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

TOWNSHIP 17 SOUTH, RANGE 24 EAST, NMPM Section 8: W/2 Section 17: W/2 Section 18: All

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

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM Section 6: S/2

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

TOWNSHIP 21 SOUTH, RANGE 22 EAST, NMPM Section 26: 8/2

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

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM Section 29: N/2

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

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM Section 16: W/2 Section 17: N/2

Case No. 6421 Order No. R-5911

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

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM Section 17: N/2

(p) That a new pool in Lea County, New Mexico, classi-fied as an oil pool for Drinkard production, is hereby created and designated as the Lovington-Drinkard Pool, consisting of the following described area:

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM Section 31: SE/4

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

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NAPH Section 22: E/2

(r) That a new pool in Eddy County, New Mexico, classi-fied as a gas pool for Premier production, is hereby created and designated as the Pavo Nesa-Premier Gas Pool, consisting of the following described area:

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

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

TOWNSHIP 18 SOUTH, RANGE 24 EAST, NMIN Section 24: E/2

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM

Section 19: AII

Section 20: 8/2

Section 29: All

N/2

Section 30: Section 32:

-9-Case No. 6421 Order No. R-5911

- (t) That the vertical limits of the Monument-Tubb Pool in Lea County, New Mexico, are hereby extended to include the Drinkard formation, and said Monument-Tubb Pool is hereby redesignated as the Monument Tubb-Drinkard Pool.
- (u) That the Blinebry Oil and Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM Section 8: 5/2

(v) That the Southeast Chaves Queen Gas Area in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 13 SOUTH, RANGE 31 EAST, NMPM Section 3: 5/2

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

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM Section 36: E/2

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

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM Section 27: SW/4

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

TOWNSHIP 22 SOUTH, RANGE 36 EAST, NMPM Section 21: 8/2

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

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM Section 1: 5/2 Section 12: W/2

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

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

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

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM Section 27: W/2 Section 28: All

(cc) That the South Peterson-Pennsylvanian Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM Section 31: SE/4 SE/4

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

TOWNSHIP 26 SOUTH, RANGE 36 EAST, NMPM Section 8: N/2 Section 9: NW/4

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

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM Section 12: W/2

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

TOWNSHIP 7 SOUTH, RANGE 31 EAST, NMPM Section 32: E/2

TOWNSHIP 8 SOUTH, RANGE 31 EAST, NMPM Section 5: NE/4

11-Case No. 6421 Order No. R-5911

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

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM Section 8: W/2

(hh) That the Tubb Gas 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 6: SW/4 Section 7: NW/4

(ii) That the North Turkey Track-Morrow Gas Pool in Eddy county, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM Section 5: N/2

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

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM Section 34: NE/4

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

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM Section 26: SE/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 Division. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Form C-102 dedicating a standard unit to

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the well or to obtain a non-standard unit approved by the Division within said 60-day period shall subject the well to cancellation of allowable.

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

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

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

JOE D. RAMEY,

SEAL

fd/

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION State Land Office Building Santa Fe, New Mexico 17 January 1979

EXAMINER HEARING

IN THE MATTER OF:

the hearing called by the Oil Conservation Division on its own motion for an order creating and existing vertical and horizontal limits of certain pools in Chaves, Eddy, Lea, and Roosevelt Counties,

CASE 6421

New Mexico.

BEFORE: Daniel S. Nutter

TRANSCRIPT OF HEARING

APPEARANCES

For the Oil Conservation Division:

Lynn Teschendorf, Esq. Legal Counsel for the Division State Land Office Bldg. Santa Fe, New Mexico 87501

For the Applicant:

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CARL ULVOG

Direct Examination by Ms. Teschendorf

EXHIBITS

Division Exhibit One, Document

SALLY WALTON BOYE
ERM ED SHORTHAND REPORTE
938 NAX BARGA (1615) 411-344
Sania Pe, New Mexico 57701

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MR. NUTTER: We'll call now Case Number 6421.

Case Number 6421 is in the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating and extending certain pools in Chaves, Lea, Eddy, and Roosevelt Counties, New Mexico.

Call for appearances in this case.

MS. TESCHENDORF: Lynn Teschendorf appearing on behalf of the Division. I have one witness.

(Witness sworn.)

MR. NUTTER: Are there other appearances? Please proceed, Ms. Teschendorf.

CARL ULVOG

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

DIRECT EXAMINATION

BY MS. TESCHENDORF:

- Q Would you please state your name, by whom you're employed, and in what capacity?
- A. Yes. Carl Ulvoy, Senior Geologist for the Oil Conservation Commission here in Santa Fe.
- Q Are you prepared to make recommendations to the Division concerning the nomenclature of certain pools in Chaves, Eddy, Lea, and Roosevelt Counties, New Mexico?

Yes, I am.

Are your recommendations prepared in the form of an exhibit?

I have one exhibit, which is a series of plats describing the actions that we're here proposing.

- Is that exhibit marked Exhibit One?
- That is correct.
- Would you please refer to Exhibit One and to the docket that has been prepared and distributed at this hearing and point out any substantial differences between the two?

Yes, I will. There is no difference between the advertisement and the docket.

The only difference in our recommendations here occurs in the case of paragraph (s) where the name of the discovery well was given as the Morris R. Antweil Dinkus Com Well No. 1.

That is incorrect. It should be the Morris R. Antweil Penasco Com Well No. 1; however, the location is correct.

There are no other changes in our recommendations here with respect to what was previously described by the docket.

MS. TESCHENDORF: At this time I'll offer Exhibit One in evidence,

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MR. NUTTER: Exhibit One in Case Number 6421 will be admitted in evidence.

Are there any further questions of -- are there any questions of Mr. Ulvog? He may be excused.

> Do you have anything further, Ms. Teschendorf MS. TESCHENDORF: Nothing.

MR. NUTTER: Does anyone have anything they wish to offer in Case Number 6421?

We'll take the case under advisement and the hearing is adjourned.

(Hearing concluded.)

 I, SALLY W. BOYD, a Court Reporter, DO HEREBY
CERTIFY that the foregoing and attached Transcript of
Hearing before the Oil Conservation Division was reported
by me; that said transcript is a full, true, and correct
record of the hearing, prepared by me to the best of my
ability, knowledge, and skill, from my notes taken at the
time of the hearing.

Sally W. Boyd, C.S.R.

do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 6420 heard by me on 19.79.

Il Conservation Division Examiner

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BEFORE: Daniel S. Nutter

For the Oil Conservation Division:

Lynn Teschendorf, Esq. Legal Counsel for the Division State Land Office Bldg. Santa Fe, New Mexico 87501

For the Applicant:

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karantin kupan san sahara da maran san sa karana da karana karang karang karang karang karang karang karang ka

INDEX CARL ULVOG Direct Examination by Ms. Teschendorf 11 13 14 Division Exhibit One, Pocument 15 16 17 18

SALLY WALTON BOYD
ERIFED SHORTHAMD MEGATES
SEPARATE BARRA (845) A11 444
Barra Po, Now Marko 51761

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DIRECT EXAMINATION

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- Q. Are you prepared to make recommendations to the Division concerning the nomenclature of certain pools in Chaves, Eddy, Lea, and Roosevelt Counties, New Mexico?

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A. Yes, I am.

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

A. Yes. I have one exhibit, which is a series of plats describing the actions that we're here proposing.

Q Is that exhibit marked Exhibit One?

A. That is correct.

Q Would you please refer to Exhibit One and to the docket that has been prepared and distributed at this hearing and point out any substantial differences between the two?

M. Yes, I will. There is no difference between the advertisement and the docket.

The only difference in our recommendations here occurs in the case of paragraph (s) where the name of the discovery well was given as the Morris R. Antweil Dinkus Com Well No. 1.

That is incorrect. It should be the Morris
R. Antweil Penasco Com Well No. 1; however, the location
is correct.

There are no other changes in our recommendations here with respect to what was previously described by the docket.

MS. TESCHENDORF: At this time I'll offer Exhibit One in evidence.

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MR. NUTTER: Exhibit One in Case Number 6421 will be admitted in evidence.

Are there any further questions of -- are there any questions of Mr. Ulvog? He may be excused.

> Do you have anything further, Ms. Teschendorf MS. TESCHENDORF: Nothing.

MR. NUTTER: Does anyone have anything they wish to offer in Case Number 6421?

We'll take the case under advisement and the hearing is adjourned.

(Hearing concluded.)

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I, SALLY W. BOYD, a Court Reporter, DO HEREBY

CERTIFY that the foregoing and attached Transcript of

Hearing before the Oil Conservation Division was reported

by me; that said transcript is a full, true, and correct

record of the hearing, prepared by me to the best of my

ability, knowledge, and skill, from my notes taken at the

REPORTER'S CERTIFICATE

time of the hearing.

Sally W. Boyd, C.S.R.

dochereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of yese No. 6421, heard by me on

Oll Conservation Division, Examiner

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La description de la company de la company

Dockets Nos. 3-79 and 4-79 are tentatively set for hearing on January 24 and 31, 1979. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - JANUARY 17, 1979

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

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

- ALLOWABLE: (1) Consideration of the allowable production of gas for February, 1979, from fifteen prorated pools in Lea, Eddy, and Chaves Counties, New Mexico.
 - (2) Consideration of the allowable production of gas for February, 1979, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.
- CASE 6418: Application of Gulf Oil Corporation for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Eddy "GR"

 State Well No. 1 located in Unit E of Section 16, Township 23 South, Range 28 East, Eddy County, New Mexico, to produce gas from the Atoka and Morrow formations through parallel strings of tubing.
- CASE 6413: (Continued from January 3, 1979, Examiner Hearing)

Application of Atlantic Richfield Company for a dual completion, Lea County, New Mexico.

Applicant, in the above-styled cause, seeks approval for the dual completion of its Langley Getty Com
Well No. 1 located in Unit N of Section 21, Township 22 South, Range 36 East, Langley Field, Lea
County, New Mexico, to produce gas from the Devonian and Ellenburger formations, through parallel
strings of tubing.

CASE 6414: (Continued from January 3, 1979, Examiner Hearing)

Application of Atlantic Richfield Company for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Devonian formation through the perforated interval from 13,590 feet to 13,685 feet in its Lea 396 State Well No. 1 located in Unit K of Section 35, Township 15 South, Range 36 East, Dean-Devonian Pool, Lea County, New Mexico.

CASE 6415: (Continued from January 3, 1979, Examiner Hearing)

Application of Yates Petroleum Corporation for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp thru Devonian formations underlying the W/2 of Section 20, Township 14 South, Range 36 East, Lea County, New Mexico, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

- CASE 6419:

 Application of Yates Petroleum Corporation for a dual completion, Eddy County, New Mexico.

 Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its

 Lanning JC Well No. 1 located in Unit B of Section 7, Township 18 South, Range 26 East, Eagle Creek

 Field, Eddy County, New Mexico, to produce gas from the Strawn formation through the casing-tubing annulus and from the Morrow formation through tubing.
- CASE 6420:

 Application of LaRue and Muncy for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Abo formation underlying the NW/4 SE/4 of Section 34, Township 18 South, Range 26 East, Dayton-Abo Pool, Eddy County, New Mexico, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.
- CASE 6416: (Continued from January 3, 1979, Examiner Hearing)

Application of Anadarko Production Company for special pool rules, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the promulgation of special pool rules for the Cedar Lake-Morrow Gas Pool, Eddy County, New Mexico, to provide for 320-acre spacing rather than 160 acres. In the absence of objection, this pool will be placed on the standard 320-acre spacing for Wolfcamp and Pennsylvanian gas pools rather than the present 160-acre spacing.

CASE 6390: (Continued from January 3, 1979, Examiner Hearing)

Application of C & E Operators for compulsory pooling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests down thru the Pictured Cliffs formation underlying the SW/4 of Section 10, Township 30 North, Range 11 West, San Juan County, New Mexico, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 6421:

In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating and extending vertical and horizontal limits of certain pools in Chaves, Eddy, Lea, and Roosevelt Counties, New Mexico:

(a) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the Avalon-Wolfcamp Pool. The discovery well is Maralo, Inc. Hanson Federal Well No. 2 located in Unit O of Section 28, Township 20 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM Section 28: SE/4

(b) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Black River-Atoka Gas Pool. The discovery well is HNG Oil Company Bowden 25 Federal Com. Well No. 1 located in Unit I of Section 25, Township 24 South, Range 26 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM Section 25: E/2

(c) CREATE a new pool in Eddy County, New Mexico, classified as a gar pool for Strawn production and designated as the Box Canyon-Strawn Gas Pool. The discovery well is Yates Petroleum Corporation Huber IA Federal Well No. 2 located in Unit P of Section 15, Township 21 South, Range 21 East, MTM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 21 EAST, NMPM Section 15: S/2

(d) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Delaware production and designated as the Cotton Draw-Delaware Pool. The discovery well is Coquina Oil Corporation El Paso Federal Well No. 1 located in Unit K of Section 12, Township 24 South, Range 31 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 31 EAST, NMPM Section 12: SW/4

(e) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the East Cottonwood Creek-Atoka Cas Pool. The discovery well is Yates Petroleum Corporation Lizzie Howard HK Well No. 1 located in Unit K of Section 13, Township 16 South, Range 25 East, NMPM. Said pool would comprise:

TOWNSHIP 16 SOUTH, RANGE 25 EAST, NMPM Section 13: W/2

(f) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Yates-Seven Rivers production and designated as the North Custer Yates-Seven Rivers Pool. The discovery well is Gifford, Mitchell & Wisenbaker Amoco State Well No. 1 located in Unit B of Section 36, Township 24 South, Range 35 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 35 EAST, NMPM Section 36: NE/4

(g) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Diamond Mound-Atoka Gas Pool. The discovery well is Northern Natural Gas Company Vandagriff Federal Well No. 1 located in Unit K of Section 1, Township 16 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 16 SOUTH, RANGE 27 EAST, NMPM

Section 1:

Section 2: Lots 1, 2, 7, 8, 9, 10, 15 and 16

(h) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Fenton Draw-Morrow Gas Pool, the discovery well is Perry R. Bans Big Eddy Unit Well No. 53 located in Unit G of Section 8, Township 21 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM Section 8: E/2

(1) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Cherry Canyon production and designated as the Herradura Bend-Cherry Canyon Pool. The discovery well is Eastland Oil Company City of Carlsbad Well No. 1 located in Unit K of Section 29, Township 22 South, Range 28 East, NIPM. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM Section 29: SW/4

(j) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the East High Hope-Atoka Gas Pool. The discovery well is Beard Oil Company Hagstrom Well No. 1 located in Unit K of Section 8, Township 17 South, Range 24 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 24 EAST, NMPM Section 8: W/2
Section 17: W/2
Section 18: A11

(k) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the Hume-Atoka Gas Pool. The discovery well is Mewbourne Oil Company State E Com Well No. 1 located in Unit V of Section 6, Township 16 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM Section 6: S/2

(1) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production and designated as the Loafer Braw-Strawn Gas Pool. The discovery well is Inexeo Oil Company Arroys Peters! Well No. 1 located in Unit K of Section 26, Township 21 South, Range 22 East, NETH. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 22 EAST, NMPM Section 26: S/2

(m) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Cisco-Canyon production and designated as the Logan Draw Cisco-Canyon Gas Pool. The discovery well is Mesa Petroleum Company Potter Federal Com Well No. 1 located in Unit B of Section 29, Township 17 South, Range 27 East, NMFM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM Section 29: N/2

(n) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the North Loving-Morrow Gas Pool. The discovery well is Cities Service Company Polk A Com Well No. 1 located in Unit B of Section 17, Township 23 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM Section 16: W/2 Section 17: N/2

(o) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production and designated as the North Loving-Strawn Gas Pool. The discovery well is Cities Service Company Polk A Com Well No. 1 located in Unit B of Section 17, Township 23 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM Section 17: N/2

(p) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Drinkard production and designated as the Lovington-Drinkard Pool. The discovery well is Getty Oil Company State O Well No. 12 located in Unit J of Section 31, Township 16 South, Range 37 East, NMPM. Said pool would comprise:

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM Section 31: SE/4

Penasco

(q) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the South Millman-Atoka Gas Pool. The discovery well is Hondo Oil and Gas Company Hondo 22 State Well No. 1 located in Unit H of Section 22, Township 19 South, Range 25 East, NMPM. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM Section 22: E/2

(r) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Premier production and designated as the Pavo Mesa-Premier Gas Pool. The discovery well is Carl A. Schellinger Exxon Federal Well No. 1 located in Unit M of Section 29, Township 16 South, Range 29 East, NMPN. Said pool would comprise:

> TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM Section 29: SW/4

(s) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Penasco Draw-Morrow Cas Pool. The discovery well is Morris R. Antweil Dinkus Com Well No. 1 located in Unit 0 of Section 20, Township 18 South, Range 25 East, NMPM. Said pool would comprise:

> TOWNSHIP 18 SOUTH, RANGE 24 EAST, NMPM Section 24: E/2

TOWNSHIF 18 SOUTH, RANGE 25 EAST, NMPM Section 19: All

Section 20: S/2

Section 29: All

Section 30: N/2 Section 32: N/2

- (t) EXTEND the vertical limits of the Monument-Tubb Pool in Lea County, New Mexico, to include the Drinkard formation and redesignate said Monument-Tubb Pool as the Monument Tubb-Drinkard Pool.
- (u) EXTEND the Blinebry 011 and Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 BAST, NMPM Section 8: S/2

(v) EXTEND the Southeast Chaves Queen Cas Area in Chaves County, New Mexico, to include therein:

TOWNSHIP 13 SGUTH, RANGE 31 EAST, NMPM Section 3: S/2

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

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM Section 36: E/2

(x) EXTEND the Jenkins-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM Section 27: SW/4

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

TOWNSHIP 22 SOUTH, RANGE 36 EAST, NMPM Section 21: S/2

(z) EXTEND the Lovington-Queen Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM Section 1: Section 12: W/2

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

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM

Section 19: S/2

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

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM Section 27: W/2 Section 28: All

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

TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM Section 31: SE/4 SE/4

(dd) EXTEND the Sioux-Yates Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 26 SOUTH, RANGE 36 EAST, NMPM Section 8: N/2 Section 9: NW/4

(ee) EXTEND the Sombrero-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 33 FAST, NMPM Section 12: W/2

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

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

TOWNSHIP 8 SOUTH, RANGE 31 EAST, NMPM Section 5: NE/4

(gg) EXTEND the West Tonto-Pennsylvanian Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM Section 8: W/2

(hh) EXTEND the Tubb Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM Section 6: SW/4 Section 7: NW/4

(11) EXTEND the North Turkey Track-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM Section 5: N/2

(jj) EXTEND the Wantz-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM Section 34: NE/4

(kk) EXTEND the Warren-Tubb Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM Section 26: SE/4

DOCKET: COMMISSION HEARING - WEDNESDAY - JANUARY 24, 1979

OIL CONSERVATION COMMISSION - 9 A.M. - ROOM 205 STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases are continued from the December 12, 1978, Commission Hearing.

CASE 6231: (DE NOVO) (Continued and Readvertised)

Application of Yates Petroleum Corporation for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its State "JM" Well No. 1, a Morrow test to be located 660 feet from the North and East lines of Section 25, Township 18 South, Range 24 East, Eddy County, New Mexico, the N/2 of said Section 25 to be dedicated to the well.

Upon application of Gulf Oil Corporation this case will be heard De Novo pursuant to the provisions of Rule 1220.

CASE 6232: (DE NOVO) (Continued and Readvertised)

Application of Yates Petroleum Corporation for an unorthodox location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Cities "JG" Well No. 1 to be located 660 feet from the South and East lines of Section 13, Township 18 South, Range 24 East, Fordinkus Field, Eddy County, New Mexico, the E/2 of said Section 13 to be dedicated to the well.

Upon application of Gulf Oil Corporation this case will be heard De Novo pursuant to the provisions of Rule 1220.

CASE 6213: (DE NOVO) (Continued and Readvertised)

Application of Morris R. Antweil for an unorthodox location and simultaneous dedication, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of his Rio Well No. 2, a Morrow test to be drilled at a point 660 feet from the North and West lines of Section 29, Township 18 South, Range 25 East, Eddy County, New Mexico, the N/2 of said Section 29 to be simultaneously dedicated to the aforesaid well and to applicant's Rio Well No. 1 located in Unit G of Section 29.

Upon application of Gulf Oil Corporation this case will be heard De Novo pursuant to the provisions of Rule 1220.

CASE NO. 6421 (a) CREATION OF A NEW OIL POOL

COUNTY Eddy POOL Avalon-Wolfcamp RANGE 27E 9 -10 -- 11 -16 - 15 14 -19 - 20 21-22 23 24 34 35 -33 ઃ36 Purpose: One completed oil well capable of producing. Disc. well: Maralo, Inc. Hanson Federal #2-0, 28-20-27 Comp. 5-21-75 through Wolfcamp Perfs 8332-8493 Proposed pool boundary outlined in blue. Section 28: SE/4

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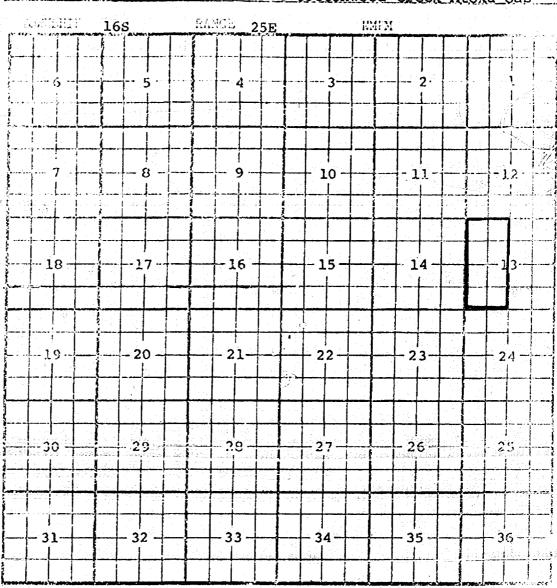
CASE NO. 6421 (c) CREATION OF A NEW GAS POOL

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CASE NO. 6421 (d) CREATION OF A NEW OIL POOL

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CASE NO. 6421 (e) CREATION OF A NEW GAS POOL COUNTY Eddy POOL East Cottonwood Creek-Atoka Gas



Disc. well: Yates Petr. Corp. Lizzie Howard HK #1-K-13-16-25.

Comp. 4-13-77 through Atoka Perfs 7178-84.

Proposed pool boundary outline in blue.

Section 13: W/2

Purpose: One completed gas well capable of producing.

To de Marchano de Maria de como reclamation de los Companies de Marchane 19 com a company de la company de la compa

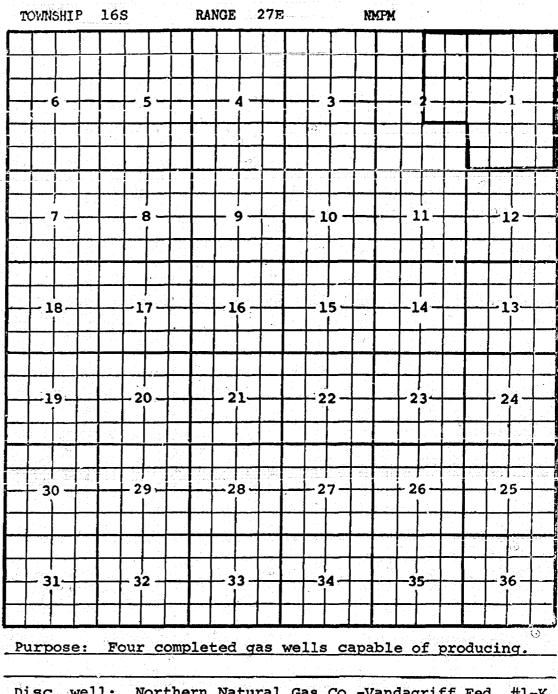
CASE NO. 6421 (1) CREATION OF A NEW OIL POOL

LOOI, NORTH CUSTER-YATES-SEVEN RIVERS LEA THE 35 East Y MEHI: 24 South RANGE NM: M 10 .. -11 16 15 - 20 -22-23 - 30 - 28 -26 -27 ∬ -33 · 31 - 32 -34 -35 Purpose: One completed oil well capable of producing. Discovery well: Gifford, Mitchell & Wisenbaker Amoco State #1-B in Sec. 36, T24S, R35E. Completed 9-14-78 in the Yates-Seven Rivers formation. Top of perfs 3668 feet. Proposed pool boundary outlined in red: Section 36: NE/4

COUNTY Eddy

POOL

Diamond Mound-Atoka Gas



Disc. well: Northern Natural Gas Co.-Vandagriff Fed. #1-K

1-16-27, Comp. 6-8-72 through Atoka Perfs

8698-8743.

Proposed pool boundary outlined in blue.

Section 1: All

Section 2: Lots 1, 2, 7, 8, 9, 10, 15 & 16

CASE NO. 6421 (h) CREATION OF A NEW GAS POOL

COUNTY Eday POOL Fenton Draw-Morrow Gas TOWNSHIP 21s RANGE 28E NMPM 11-10 -18--17 15 -14 13 16 -20 22 23-24 29 26-28 30 31 32 33 36 Purpose: One completed gas well capable of producing. Disc. well: Perry R. Bass-Big Eddy Unit #53-G-8-21-28. Comp. 6-20-78 through Morrow Perfs 11639-647. Proposed pool boundary outlined in blue. Section 8: E/2

CASE NO. 6421 (1) CREATION OF A NEW OIL POOL

Purpose: One completed oil well capable of producing.	COUNTY	Eddy	POOL	Herradura	Bend-Cherr	y Canyon
7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 13 - 14 - 13 - 14 - 13 - 14 - 13 - 14 - 13 - 14 - 13 - 14 - 13 - 14 - 13 - 14 - 13 - 14 - 13 - 14 - 13 - 14 - 13 - 14 - 13 - 14 - 13 - 14 - 13 - 14 - 13 - 14 - 15 - 15	TOWNSHIP	22S	RANGE	28E	NMPM	
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Purpose: One completed oil well capable of producing. Disc. well: The Eastland Oil CoCity of Carlsbad #1-K-29-22-28 Comp. 8-5-78 through Cherry Canyon Perfs 3274-98. Proposed pool boundary outlined in blue.	7 - 7 - 1	8 +	9		0	-12
Purpose: One completed oil well capable of producing. Disc. well: The Eastland Oil CoCity of Carlsbad #1-K-29-22-28 Comp. 8-5-78 through Cherry Canyon Perfs 3274-98. Proposed pool boundary outlined in blue.						
Purpose: One completed oil well capable of producing. Disc. well: The Eastland Oil CoCity of Carlsbad #1-K-29-22-28 Comp. 8-5-78 through Cherry Canyon Perfs 3274-98. Proposed pool boundary outlined in blue.	1.8	17	-16	1	5	13
Purpose: One completed oil well capable of producing. Disc. well: The Eastland Oil CoCity of Carlsbad #1-K-29-22-28 Comp. 8-5-78 through Cherry Canyon Perfs 3274-98. Proposed pool boundary outlined in blue.						
Purpose: One completed oil well capable of producing. Disc. well: The Eastland Oil CoCity of Carlsbad #1-K-29-22-28 Comp. 8-5-78 through Cherry Capyon Perfs 3274-98. Proposed pool boundary outlined in blue.	19-	20	21	2	2	24
Purpose: One completed oil well capable of producing. Disc. well: The Eastland Oil CoCity of Carlsbad #1-K-29-22-28 Comp. 8-5-78 through Cherry Capyon Perfs 3274-98. Proposed pool boundary outlined in blue.						
Purpose: One completed oil well capable of producing. Disc. well: The Eastland Oil CoCity of Carlsbad #1-K-29-22-28 Comp. 8-5-78 through Cherry Canyon Perfs 3274-98. Proposed pool boundary outlined in blue.	-30	29		2 1 1 1 1 1 1 1 1 1	26	253
Purpose: One completed oil well capable of producing. Disc. well: The Eastland Oil CoCity of Carlsbad #1-K-29-22-28 Comp. 8-5-78 through Cherry Canyon Perfs 3274-98. Proposed pool boundary outlined in blue.						
Purpose: One completed oil well capable of producing. Disc. well: The Eastland Oil CoCity of Carlsbad #1-K-29-22-28 Comp. 8-5-78 through Cherry Canyon Perfs 3274-98. Proposed pool boundary outlined in blue.	31	32.	33		35	36
Proposed pool boundary outlined in blue.	Purpose:					
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CASE NO. 6421 (J) CREATION OF A NEW GAS POOL

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CASE No. 6421 (k) CREATION OF A NEW GAS POOL

POOL HUME ATOKA GAS COUNTY LEA TOWNSHIP RANGE NMPM 16 South 34 East 8 10 11 12 17 18 16 15 -14 13-20 23 19. 22 24 30 -29 28 -26. PURPOSE: One completed gas well capable of producing.

DISCOVERY WELL: Mewbourne 011 Company State E Com #1-V in Section 6, T16S, R34E. Completed May 13, 1977, in the Atoka formation. Top of perforations 12,474 feet. Proposed pool boundary outlined in red. Section 6: S/2

CASE NO. 6421 (1) CREATION OF A NEW GAS POOL

Eddy POOL Loafer Draw-Strawn Gas 218 RANGE 22E NMPM 10 --11 -16 - 20 21 23 22 28 29 33 35 Purpose: One completed gas well capable of producing. Disc. well: Inexco Oil Co.-Arroyo Fed. #1-K-26-21-22. Comp. 8-25-78 through Strawn Perfs. 8399-8415. Proposed pool boundary outlined in blue. Section 26: S/2

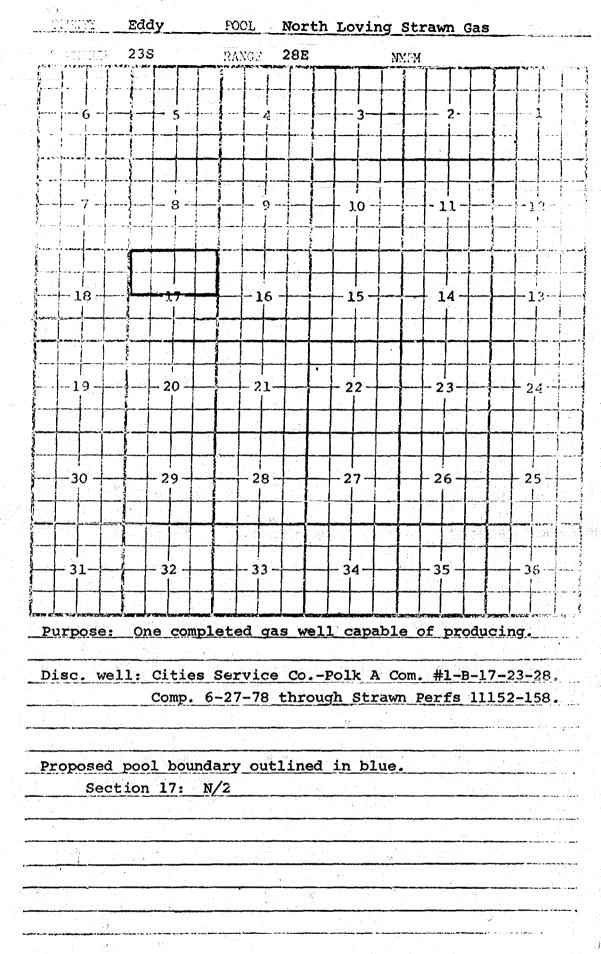
CASE NO. 6421 (m) CREATION OF A NEW GAS POOL

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CASE NO. 6421 (n) CREATION OF A NEW GAS POOL

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CASE NO. 6421 (o) CREATION OF A NEW GAS POOL



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COUNTY

TOWNSHIP RANGE NMPM 16 South 37 East 11. 8 10 -12 18 17 16 15 20 21. -19 22 23-24 29. 28 26-25-30 36 - 32 -33 34-35 PURPOSE: One completed oil well capable of producing. DISCOVERY WELL: Getty Oil Company State "0" Well #12-J in Section 31, T16S, R37E, completed September 14, 1978, in the Drinkard formation. Top of the perforations 7849 feet. Proposed pool boundary outlined in red. Section 31: SE/4

LOVINGTON-DRINKARD

CASE NO. 642? (q) CREATION OF A NEW GAS POOL

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CASE NO. 6421 (P) CREATION OF A NEW GAS POOL

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Purpose:	One comp	leted g	as we	ll capable of producind.						
Disc. we.	ll: Carl A	A. Sche	llinge	er-Exxon Fed. #1-M-29-16-29.						
	Comp.	10-3-7	8 thro	ough Premier Perfs 2360-84.						
Proposed	pool bound	lary ou	tlined	d in blue.						
	ion 29: 8	A Section of the sect								
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POOL Penasco Draw-Morrow Gas COUNTY Eddy WWWSHIP 185 RANGE 24E -11-10 --18 . 19 - 20 - 21-22 -23 29 28 26 - 31-32 -33 - 34 35 Purpose: See exhibit two. Proposed pool boundary outlined in blue. Section 24: E/2

POOL Penasco Draw-Morrow Gas OHY Eddy TOWNSHIP 18s 10 --16 - 15 14 -19 20 21-22 23 29 28 26 31 33 34 35 Purpose: Six completed gas wells capable of producing, Disc. well: Morris R. Antweil-Penasco #1-0-20-18-25 Comp. 6-23-77 through Morrow Perfs 8634-62. Proposed pool boundary outlined in blue. Section 19: All Section 20: S/2 Section 29: All Section 30: N/2 Section 32: N/2

CASE NO. 6421 (t) EXTENSION OF VERTICAL LIMITS & REDESIGNATION OF AN EXISTING OIL POOL

1 101, MONUMENT-TUBB Redesignated MONUMENT-TUBB-DRINKARD POOL 37 East 19 & 20 South : / NOE 10 19 23 24-30 28 26 32 -33 34 35 - 3€ 31 PURPOSE: Extend the vertical limits of Monument Tubb Pool to include Drinkard formation and redesignate pool as MONUMENT-TUBB-DRINKARD POOL. The Amoco Production Company Gillully B Federal #20-H in Section 21, T20S,R37E, has been completed in the Tubb and Drinkard formations with top of perfs at 6396 feet.

CASE NO. 6421 (u) EXTENSION OF AN EXISTING OIL & GAS POOL COUNTY LEA POOL BLINEBRY OIL AND GAS TOWNSHIP 21 South RANGE 37 East NMPM 11 10 15 -17 -16 -14 21 20 -19 - 22 -23. 24 28 - 30 -- 29 27 26 31 32 -33 34-35 PURPOSE: One completed oil well capable of producing. Gulf Oil Corporation H.T. Mattern (NCT-C) #11-M in Section 8, T21S, R37E, completed November 1, 1978, in the Blinebry formation. Top of perfs 5536'.

Pool boundary outlined in red. Proposed pool extension outlined in green. SECTION 8: **S/2**

CO THY CHAVES FOOL SOUTHEAST CHAVES QUEEN GAS AREA DWNSETE 13 South PANOF 31 East 10 - 11 21 22 23 28 33 PURPOSE: One completed gas well capable of producing. Bill J. Graham Williams Well #1-K in Section 3, Tl3S,R31E, completed July 30, 1978, in the Queen formation with casing shoe set at 2650 feet. Pool boundary outlined in red. Proposed pool extension outlined in green. SECTION 3: S/2

CASE NO. 6421 (w) EXTENSION OF AN EXISTING GAS POOL

YEMUCO ... POOL South Empire-Morrow Gas TOWNSHIP 178 RANGE 28E NMPM 10 -17 -16 .18 15 14 20 -1...29 21-22 23. - 28 32 - 33 Purpose: One completed gas well capable of producing. #&Ut. S-T-R Comp. Form. TOP Lease Amoco Prod.Co. Empire S.Deep Ut. #19-H 36-17-28 8-27-78 Mor. 10489 Pool boundary outlined in red. Proposed extention outlined in blue. Section 36: E/2

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	l extension		in qı	een. SE	CTION	27:	SW/4			
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CASE NO. 6421 (y) EXTENSION OF AN EXISTING GAS POOL

LANGLEY ELLENBURGER GAS noth: my TOWNSHIP 22 South HATTE 36 East N29 M 10 11 18 16 15 14 20 22 23 24 30 29 26 27 25 35 32 . 33. 34 PURPOSE: One completed gas well capable of producing. Atlantic Richfield Company Langley Getty Com Well #1-N in Section 21, T22S,R36E, completed November 18, 1978, in the Ellenburger formation. Top of perfs 15,157'. Pool boundary outlined in red. Proposed pool extension outlined in green. SECTION 21: 5/2

LOVINGTON QUEEN GAS POOT. 17 South 36 East TOWNSHIP RANGE 10 18 17 16 15 21 22 23 24 26 25 31-32 33 35 36 34. PURPOSE: One completed gas well capable of producing. Amoco Production Company State "E" Tr. 17 Well #5-P in Section 1, T17S, R36E, completed September 22, 1976, in the Queen formation. Top of perfs 3098 feet. Pool boundary outlined in red. Proposed pool extension outlined in green. SECTION 1: S/2 SECTION 12: W/2

CASE NO. 6421 (aa) EXTENSION OF AN EXISTING GAS POOL

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rpose:	One comple	eted gas	well capa	ble of pro	ducing	
perator		Lease	#&Ut.	S. T. R.	Comp. For	m,
thland	Royalty Co.	st.19 c	om. #2-N	<u>19-19-28 1</u>	0/23/78 Mor	:]
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CASE NO. 6421 (LL) EXTENSION OF AN EXISTING GAS POOL

Eddy PCOL Penasco Draw-Atoka Gas WWW.SHIP 188 RANGE 25E 10 -11 - j.8 --16 - 20 -23 -30 -29 26. 32 Purpose: One completed gas well capable of producing. Lease #&Ut. S.T.R. Comp. Form. TOP Operator Morris E. Antweil Dinkus Com. #1-K 28-18-25 10/27/77 Atoka 8602 Pool boundary outlined in red. Proposed extention outlined in blue. Section 27: W/2 Section 28: All

CASE NO. 6421 (cc) EXTENSION OF AN EXISTING OIL POOL

ROOSEVELT SOUTH PETERSON-PENNSYLVANIAN Nonshit: 5 South 33 East RANGE MMIM 10 -11 18 16 -19 21-22 30 29 28 26 27 31 32 33 34 35 PURPOSE: To take in a portion of acreage dedicated to Enserch Exploration, Inc. Lambirth #4 in Unit 0 of Section 31, T5S,R33E. Completed 9-2-78 in the Pennsylvanian formation. Top of perfs 7696 feet. Pool boundary outlined in red. Proposed pool extension outlined in green. SECTION 31: SE/4 SE/4

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COUNTY	LLA	FOOL STOUX-YATES	
TUVNSHIE	26 South	RANGE 36 East	NM! M
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\&S 011 We	11 Servicing	oil well capable of pr Inc. Federal "A" Well e Yates formation. To	#1-E in Section 9, T26S,R30
	ry outlined in	outlined in green. SE	CTION 8: N/2 CTION 9: NW/4

COUNTY	LEA	POOL	SOMBRER	0-MORROW	GAS POOL	
TOWNSHIP	16 South	RANGE	33 Eas	t l	NMPM	
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PURPOSE: R	eclassify pro	oducing	zone fr	om Atoka	to Morrow	on following wel
	Company Sombi	<u> 18 Maria - Janes Pa</u>	Carried Control of	建氯化物 化二硫甲基二苯		- 1 46 Y 184 FARS 4 33 LL
completed i	n Morrow form	nation,	top of	perfs 13,	166 feet.	
	ry outlined i			* (A.O.		
Proposed po	ol/extension	outlin	ed in gr	een. SEC	TION 12:	W/2
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Addition ---

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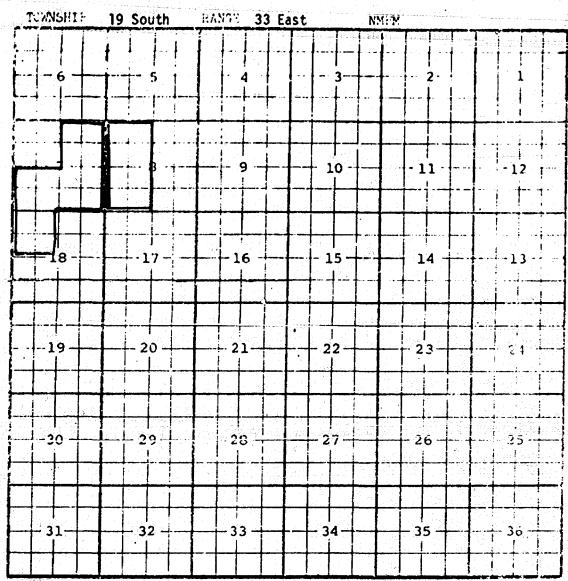
COUNTY MOL TOM-TOM SAN ANDRES Temsilli 7 South PANGE31 East 10 -11 16 - 19 20 21 22 25 30 29 28 31 33 34 PURPOSE: 3 completed oil wells capable of producing Moranco Western Reserves 32 State #1-P in 32-17-31, Completed 11-29-78 in San Andres formation, top of perfs 3786 feet. Moranco Western Reserves 32 State #2-I in 32-7-31, completed 12-18-78 in San Andres formation, top of perfs 3780 feet. MWJ Producing Company State 32 #1-H in 32-7-31, completed 1-1-79 in San Andres formation, top of perfs 3775 feet. Pool boundary outlined in red. Proposed pool extension outlined in green. Section 32: SE/4 Section 32: NE/4

14

CHAVES TOM-TOM SAN ANDRES 8 South 31 East 10 --11--16 20 19 21 22 23. 24 30 28 - 31-32 . 33 34-- 35 Purpose: One completed oil well capable of producing. Sundance Oil Company Ingram Federal #1Y in Unit A Section 5, T8S, R31E, completed November 3, 1978, in the San Andres formation. Top of perfs 3901'. Pool boundary outlined in red. Proposed pool extension outlined in green. SECTION 5: NE/4

COUNTY LEA

FOOL WEST TONTO-PENNSYLVANIAN GAS



PURPOSE: One completed gas well capable of producing.

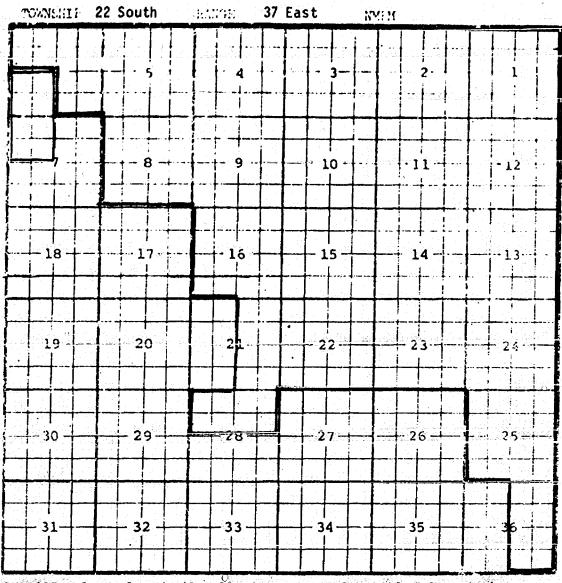
Amoco Production Co. Nellis A Federal Gas Com #1-E in Section 8, T19S,R33E, completed in the Morrow formation on Sept. 10, 1978, with top of perfs at 13,183 feet.

Pool bour	ndary	<u>outlined</u>	in red.		-	
Transaction of the Control of the Co	the state of the state of	The state of the s		in green.	SECTION 8:	W/2
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mounty LEA

FOOT

TUBB GAS POOL



PURPOSE: 2 completed oil wells in a gas pool capable of producing. Gulf 011 Corporation H.T. Mattern NCT-D #12-K in 6-22-37 completed 11-10-78 in Tubb formation top of perfs 6229 feet.

Gulf Oil Corporation H.T. Mattern NCT-D #16-E in 7-22-37 completed 11-1-78 in Tubb formation, top of perfs 6212 feet.

Pool boundar	y outlined in red.			•		
Proposed poo	l extension outlined in	green.	SECTION			randa da . Magabarata
		-	SECTION	7:	NW/4	
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CASE NO. 6421 (11) EXTENSION OF AN EXISTING GAS POOL

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WANTZ-ABO

COUNTY POOL RANGE 37 East NHPM TOWNSHIP 21 South 11-10 12 18 15 20 -22 23 -19 24 30 29 28 25 31. 32 33 PURPOSE: One completed oil well capable of producing. Exxon Corporation F.F. Hardison B #10-A in Section 34, T21S, R37E, completed August 28, 1978, in the Abo formation with top of perfs at 6684 feet. Pool boundary outlined in red. Proposed pool extension outlined in green. SECTION 34: NE/4

CASE NO. 6421 (kk) EXTENSION OF AN EXISTING GAS POOL

	COUN T Y	LEA	MOL	WARREN-TUBB	GAS	
	TOWNSHIE	20 South	l EEST	38 East	NMI M	
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and a cape in the	30		28	27	26-	25
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					pol capable of	Carro
<u>c</u>	ontinenta ompleted 9	l Oil Compar	ny Warren L Tubb format	lnit #49-J in	Section 26, of perfs at	T20S, R38E,
				in green.	SECTION 26:	SE/4

NEW POOLS

It is recommended that a new OIL	pool be created and designated
as the AVALON-WOLFCAMP	Pool.
Vertical limits to be the Wolfcamp	formation and the
horizontal limits should be as follows: As	shown in Paragraph (a) Exhibit I
Discovery well was Maralo, Inc. Hanso	on Federal Well #2
located in Unit 0 Section 28 Township 20 1	Range 27 and was completed on
May 21, 1975 . Top of perforation	ns is at 8332 feet.
It is recommended that a new GAS as the BLACK RIVER-ATOKA GAS I	
Vertical limits to be theATOKA	
horizontal limits should be as follows: As	
Discovery well was HNG Oil Company	A CONTRACTOR OF COMMENTS OF THE CONTRACTOR OF TH
located in Unit I Section 25 Township 24 p	lange 26 and was completed on
May 15, 1973 . Top of perforation	s is at 11,210 feet.
It is recommended that a new GAS as the BOX CANYON-STRAWN GAS	
Vertical limits to be the STRAWN	
horizontal limits should be as follows: A	1 はない これでは、 これでは、 これでは、 これでは、 これでは、 これでは、 日本のは、
Discovery well was Yates Petroleum Co	orp. Huber IA Federal #2
April 6, 1978 . Top of perforation	

It is reco	mmended that a new	OIL pool be	created and designated
as the CATTON	DRAW-DELAWARE	Pool.	11/2
Vertical 1	Limits to be the DI	ELAWARE	formation and the
horisontal limi	its should be as foll	Lowe: As shown i	n Paragraph (d) Exhibit I
Discovery	well was _ Coquina ()il Company El Pa	so Federal #1
located in Unit	K Section 12 Towns	ship24 Range 31	and was completed on
July 16, 1978	. Top of per	forations is at	4590 feet.
It is reco	mmended that a new	GAS pool be	created and designated
as the <u>EAST</u>	COTTONWOOD CREEK-ATO	KA GAS Pool.	
Vertical 1	imits to be theA	TOKA	formation and the
The second second second			n Paragraph (e) Exhibit I
Discovery	well was Yates Pet	roleum Corp. Liz	zie Howard HK #1
located in Unit	K Section 13 Towns	hip 16 Range 25	and was completed on
April 13, 1977	. Top of per	forations is at	7178 feet.
It is reco	mmended that a new _	OIL pool be	created and designated
as the <u>NORT</u>	H CUSTER-YATES -SEVE	N RIVERSPOOL.	
Vertical 1	imits to be the YA	TES & SEVEN RIVE	RS formation and the
horizontal limi	ts should be as foll	ows: As shown in	Paragraph (f) Exhibit I
Discovery	well was Gifford, M	itchell & Wisenb	aker Amoco State #1
			and was completed on
September 14,	1978 . Top of per	forations is at	3668 feet.

It is recommended that a new GAS pool be created and designated
as the DIAMOND MOUND-ATOKA GAS Pool.
Vertical limits to be the ATOKA formation and the
horizontal limits should be as follows: As shown in Paragraph (g) Exhibit I
Discovery well was NORTHERN NATURAL GAS CO. Vandagriff Federal #1
located in Unit K Section 1 Township 16 Range 27 and was completed on
June 8, 1972 . Top of perforations is at 8698 feet.
It is recommended that a new GAS pool be created and designated
as the Fenton Draw-Morrow Gas Pool.
Vertical limits to be the MORROW formation and the
horizontal limits should be as follows: As shown in Paragraph (h) Exhibit I
Discovery well was Perry R. Bass Big Eddy Unit #53
located in Unit G Section 8 Township 21 Range 28 and was completed on
June 20, 1978 . Top of perforations is at 11639 feet.
It is recommended that a new OIL pool be created and designated
as the HERRADURA BEND-CHERRY CANYON Pool.
Vertical limits to be the CHERRY CANYON formation and the
horizontal limits should be as follows: As shown in Paragraph (i) Exhibit I
Discovery well was The Eastland Oil Company City of Carlsbad #1
located in Unit K Section 29 Township 22 Range 28 and was completed on
August 5, 1978 . Top of perforations is at 3274 feet.

14

It is recommended that a new GAS pool be created and designated
as the EAST HIGH HOPE-ATOKA GAS Pool.
Vertical limits to be theATOKAformation and the
horizontal limits should be as follows: As shown in Paragraph (j) Exhibi
Discovery well was Beard Oil Company Hagstrom #1
located in Unit K Section 8 Township 17 Range 24 and was completed on
March 29, 1978 . Top of perforations is at 7022 feet.
It is recommended that a new GAS pool be created and designated as the HUME-ATOKA GAS Pool.
Vertical limits to be the ATOKA formation and the
horizontal limits should be as follows: As shown in Paragraph (k) Exhibit I
Discovery well was Mewbourne Oil Company State E com #1
located in Unit V Section 6 Township 16 Range 34 and was completed on
May 13, 1977 . Top of perforations is at 12,474 feet.
It is recommended that a new GAS pool be created and designated as the LOAFER DRAW-STRAWN GAS pool.
Vertical limits to be theSTRAWNformation and the
horizontal limits should be as follows: As shown in Paragraph (1) Exhibit
Discovery well was Inexco Oil Company Arroyo Federal #1
located in Unit K Section 26 Township 21 Range 22 and was completed on August 25, 1978 . Top of perforations is at 8399 feet.

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It is recommended that a new GH3 pool be created and designated
vertical limits to be the CISCO CANYON formation and the
horizontal limits should be as follows: As shown in Paragraph (m) Exhibit
Discovery well was Mesa Petroleum Company Potter Federal Com #1
located in Unit B Section 29 Township 17 Range 27 and was completed on
October 8, 1977 . Top of perforations is at 7697 feet.
It is recommended that a new GAS pool be created and designated as the NORTH LOVING-MORROW GAS Pool.
Vertical limits to be the MORROW formation and the
horizontal limits should be as follows: As shown in Paragraph (n) Exhibit
Discovery well was _ Cities Service Company Polk A Com #1
located in Unit B Section 17 Township 23 Range 28 and was completed on June 28, 1978 . Top of perforations is at 12,144 feet.
It is recommended that a new GAS pool be created and designated as the NORTH LOVING-STRAWN GAS Pool.
Vertical limits to be the STRAWN formation and the
horizontal limits should be as follows: As shown in Paragraph (o) Exhibit I
Discovery well was Cities Service Company Polk A Com #1
located in Unit $\frac{B}{B}$ Section $\frac{17}{B}$ Township $\frac{23}{B}$ Range $\frac{28}{B}$ and was completed on June 27, 1978 . Top of perforations is at $\frac{11,152}{B}$ feet.

It is recommended that a new OIL pool be created and designated
as the LOVINGTON-DRINKARD Pool.
Vertical limits to be the <u>DRINKARD</u> formation and the
horizontal limits should be as follows: As shown in Paragraph (p) Exhibit
Discovery well was Getty Oil Company State "0" #12
located in Unit J Section 31 Township 16 Range 37 and was completed on
September 14, 1978 . Top of perforations is at 7849 feet.
It is recommended that a new GAS pool be created and designated
as the SOUTH MILLMAN-ATOKA GAS Pool.
Vertical limits to be the ATOKA formation and the
horizontal limits should be as follows: As shown in Paragraph (q) Exhibit
Discovery well was <u>Hondo Oil & Gas Company Hondo 22 State #1</u>
located in Unit H Section 22 Township 19 Range 28 and was completed on
December 13, 1977 . Top of perforations is at 10,477 feet.
It is recommended that a new GAS pool be created and designated
as the PAVO MESA-PREMIER GAS Pool.
Vertical limits to be the PREMIER formation and the
horizontal limits should be as follows: As shown in Paragraph (r) Exhibit
Discovery well was Carl A. Schellinger Exxon Federal #1
located in Unit M Section 29 Township 16 Range 29 and was completed on
October 3, 1978 . Top of perforations is at 2360 feet.

It is recommended that a new GAS	pool be created and designated
as the PENASCO DRAW-MORROW GAS	Pool.
Vertical limits to be the MORRO	W formation and the
horizontal limits should be as follows:	As shown in Paragraph (s) Exhibit
Discovery well was Morris R. Antwe	il Penasco #1
located in Unit 0 Section 20 Township	18 Range 25 and was completed on
June 23, 1977 . Top of perfora	itions is at 8634 feet.
It is recommended that a new	pool be created and designated
as the	Pool.
Vertical limits to be the	formation and the
norizontal limits should be as follows:	
Discovery well was	
ocated in UnitSectionTownship	Range and was completed on
. Top of perfora	tions is atfeet.
It is recommended that a new	pool be created and designated
s the	Pool.
	formation and the
orizontal limits should be as follows:	
Discovery well was	
ocated in Unit Section Township	Range and was completed on
. Top of perfora	tions is at feet.

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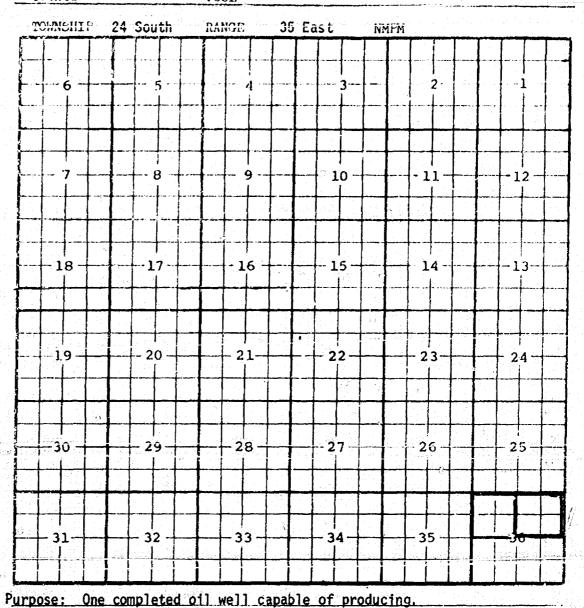
FOOL Cotton Draw-Delaware COUNTY Eddy TOWNSHIP 24S RANGE 10 -11 18 14--16 15 -19 - 20 --- 21-23 -30 29 28 27 26. 25-32 33 -34 Purpose: One completed oil well capable of producing. Disc. well: Coquina Oil Corp. El Paso Fed. #1-K-12-24-31. Comp. 7-16-78 through Delaware Perfs 4590-94. Proposed pool boundary outlined in blue. Section 12: SW/4

CASE NO. 6421 (e) CREATION OF A NEW GAS POOL

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COUNTY LEA

POOL NORTH CUSTER-YATES-SEVEN RIVERS



Discovery well: Gifford, Mitchell & Wisenbaker Amoco State #1-B in Sec. 36, T24S, R35E. Completed 9-14-78 in the Yates-Seven Rivers formation. Top of perfs 3668 feet.

Proposed pool boundary outlined in red: Section 36: NE/4

POOL Diamond Mound-Atoka Gas TOWNSHIP 165 27E RANGE NMPM 10 11 -17 -- 18 -16 -- 20 -26 25 29 -28 27 30 32 36 33 31. 34 Purpose: Four completed gas wells capable of producing. Disc. well: Northern Natural Gas Co.-Vandagriff Fed. #1-K 1-16-27, Comp. 6-8-72 through Atoka Perfs 8698-8743. Proposed pool boundary outlined in blue. Section 1: All Section 2: Lots 1, 2, 7, 8, 9, 10, 15 & 16

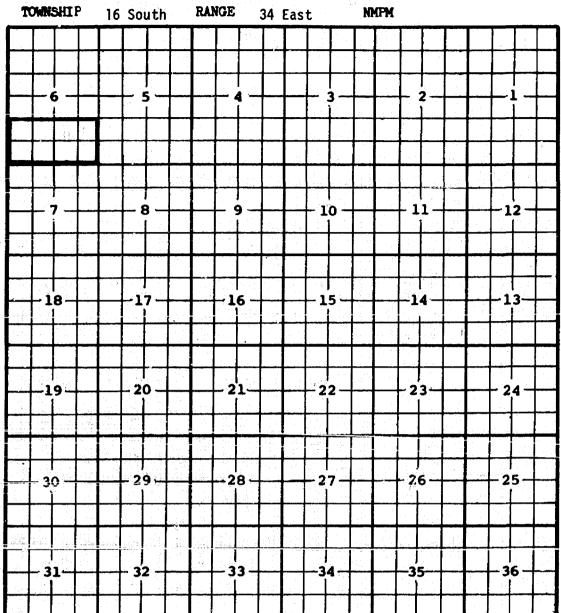
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Eddy POOL East High Hope-Atoka Gas TOWNSHIP 175 RANGE 24E NMPM 10 - 11 --12 14 20 -- 21-22 - 28 -30 29 27 --- 26 25 -33 -31 32 -- 35 -34-36 -Purpose: Three completed gas wells capable of producing. Disc well: Beard Oil Co.-Hagstrom #1-K-8-17-24 Comp. 3-29-78 through Atoka Perfs. 7022-34. Proposed pool boundary outlined in blue. Section 8: W/2 Section 17: W/2 Section 18: All

CASE No. 6421 (k) CREATION OF A NEW GAS POOL

COUNTY LEA POOL HUME ATOKA GAS



PURPOSE: One completed gas well capable of producing.

DISCOVERY WELL:	Mewbourn	ne Oil C	Company	/ State	E Com #1-	·V in Sec	tion 6, T16S,
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CASE NO. 6421 (m) CREATION OF A NEW GAS POOL

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CASE NO. 6421 (n) CREATION OF A NEW GAS POOL

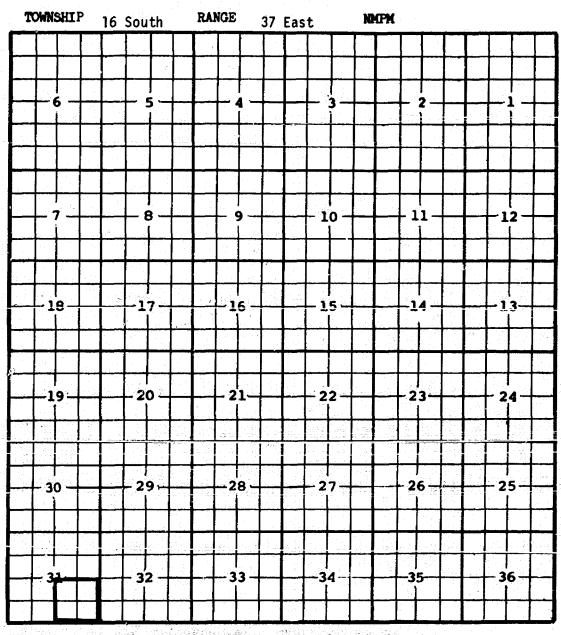
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COINTY

LEA POOT

LOVINGTON-DRINKARD



PURPOSE: One completed oil well capable of producing.

DISCOVERY WELL: Getty Oil Company State "O" Well #12-J in Section 31, T16S, R37E, completed September 14, 1978, in the Drinkard formation. Top of the perforations 7849 feet.

Proposed pool boundary outlined in red. Section 31: SE/4

CASE NO. 6421 (q) CREATION OF A NEW GAS POOL

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COUNTY Eddy	POOL Pav	o Mesa-Premier G	as
TOWNSHIP 165	RANGE 29E	NMFM	
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Purpose: One compl	eted gas w	ell capable of p	roducing.
Disc. well: Carl A	Caballia	ger-Exxon Fed. #1	W 20 16 20
Comp.	10-3-78 th	rough Premier Per	ris 2360-84.
Proposed pool bound	ary outlin	ed in blue	
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Section 29: S	W/4		
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Purpose: See exhibit two.			1-1-1-				
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Proposed pool boundary outlined in blue. Section 24: E/2				tlined ii	n brue.		
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Section 24: E/2		ion 24: E		tilned 1	n blue.		
Section 24: E/2		ion 24: E		tilned 1)	a piue.		

Eddy POOL Penasco Draw-Morrow Gas TOWNSHIP 185 RANGE 25E 9 -10 -12 -11-- 16 -15 14 -19 21-- 22 -- 23-24-29 -28 -27-Purpose: Six completed gas wells capable of producing. Disc. well: Morris R. Antweil-Penasco #1-0-20-18-25 Comp. 6-23-77 through Morrow Perfs 8634-62. Proposed pool boundary outlined in blue. Section 19: All Section 20: S/2 Section 29: All Section 30: N/2 Section 32: N/2

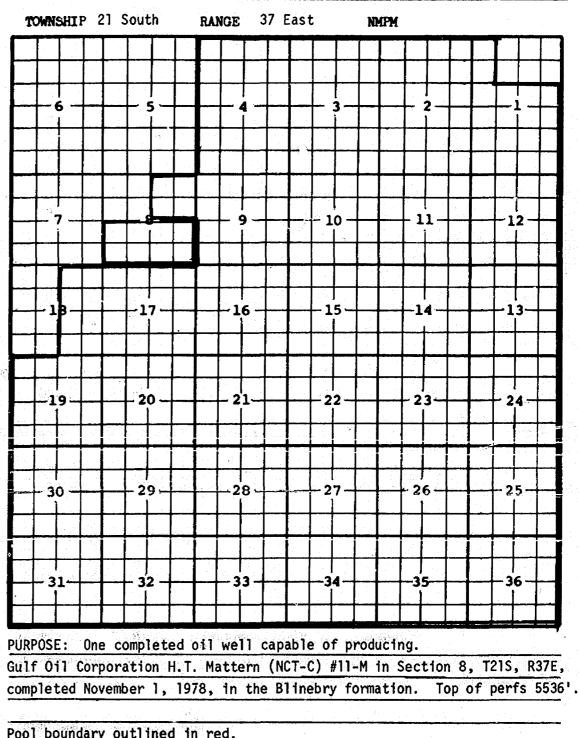
CASE NO. 6421 (t) EXTENSION OF VERTICAL LIMITS & REDESIGNATION OF AN EXISTING OIL POOL

POOT. MONUMENT-TUBB Redesignated MONUMENT-TUBB-DRINKARD POOL LEA TOWNSHIP 19 & 20 South RANGE 37 East NNPM 10 18 17 15 -19 23 24 30 29 28 27 25 26 31. 32 33 34 35 36 PURPOSE: Extend the vertical limits of Monument Tubb Pool to include Drinkard formation and redesignate pool as MONUMENT-TUBB-DRINKARD POOL. The Amoco Production Company Gillully B Federal #20-H in Section 21, T20S,R37E, has been completed in the Tubb and Drinkard formations with top of perfs at 6396 feet.

COUNTY LEA

POOL

BLINEBRY OIL AND GAS



Gulf Oil Corporation H.T. Mattern (NCT-C) #11-M in Section 8, T21S, R37E,

POOT DOU	ndary	outlined	ın rea.				<u> </u>
Proposed	poo1	extension	outlined	in green.	SECTION 8:	\$/2	
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COUNTY CHAVES SOUTHEAST CHAVES QUEEN GAS AREA TOWNSHIP 13 South RANGE 31 East NMPM 10 18 17 16 15 14 22 20 -19 21 26 25

PURPOSE: One completed gas well capable of producing.

Bill J. Graham Williams Well #1-K in Section 3, Tl3S,R31E, completed July 30, 1978, in the Queen formation with casing shoe set at 2650 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 3: S/2

CASE NO. 6421 (w) EXTENSION OF AN EXISTING GAS POOL

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JENKINS-SAN ANDRES POOT. 9 South 35 East TOWNSHIP RANGE NMEM 10 -- 11 -- 16 -18 14 - 15 13 23-22 24-26 -32 31-33-34 -35 PURPOSE: One completed oil well capable of producing. Tipton & Denton State "CZ" Well #1-L in Section 27, T9S,R35E, completed October 5, 1978, in the San Andres formation. Top of perfs 4818 feet. Pool boundary outlined in red. Proposed pool extension outlined in green. SECTION 27: SW/4

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LOVINGTON QUEEN GAS POOL 17 South TOWNSHIP 36 East RANGE 10 8 18 17 - 16 19 20 21 ŽŽ 23 24 28 -30 - 29 27 26 25 31 PURPOSE: One completed gas well capable of producing. Amoco Production Company State "E" Tr. 17 Well #5-P in Section 1, T17S, R36E, completed September 22, 1976, in the Queen formation. Top of perfs 3098 feet. Pool boundary outlined in red. Proposed pool extension outlined in green. SECTION 1: S/2 SECTION 12: W/2

COUNTY Eddy		POOL Sou		uth Millman-Morrow Gas			
TOWNSHIP	19S	RANGE	28E	1	ІМРМ		
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CASE NO. 6421 (bb) EXTENSION OF AN EXISTING GAS POOL

PCOL Penasco Draw-Atoka Gas TOWNSHIP 185 RANGE 25E 10 -- 11 --16 18 14 20 -- 19 21 22 23 24 30 29-28 26-32 33 34 35 36 Purpose: One completed gas well capable of producing. Lease #&Ut. S.T.R. Comp. Form. TOP Operator Morris E. Antweil Dinkus Com. #1-K 28-18-25 10/27/77 Atoka 8602 Pool boundary outlined in red. Proposed extention outlined in blue. Section 27: W/2 Section 28: All

CASE NO. 6421 (cc) EXTENSION OF AN EXISTING OIL POOL

ROOSEVELT SOUTH PETERSON-PENNSYLVANIAN COUNTY POOL TOWNSHIP 5 South 33 East RANGE MALLAY MALLAY 10 -11 -12 13 16 22 20 --19 21-23 24-29 30 27-26 28 31 32 33 34 35 36 PURPOSE: To take in a portion of acreage dedicated to Enserch Exploration, Inc. Lambirth #4 in Unit 0 of Section 31, T5S,R33E. Completed 9-2-78 in the Pennsylvanian formation. Top of perfs 7696 feet. Pool boundary outlined in red. Proposed pool extension outlined in green. SECTION 31: SE/4 SE/4

COUNTY LEA POOL SIOUX-YATES TOWNSHIP 26 South RANGE 36 East NMPM 10 -11-- 16 18 -17 15 14 -13 20 -- 21-22 - 23 24 -30 28 26 33 35 34-36 PURPOSE: One completed oil well capable of producing. DA&S Oil Well Servicing Inc. Federal "A" Well #1-E in Section 9, T26S,R36E, completed 10-19-78 in the Yates formation. Top of perfs 3466 feet. Pool boundary outlined in red. Proposed pool extension outlined in green. SECTION 8: N/2 SECTION 9: NW/4

SOMBRERO-MORROW GAS POOL POOL COUNTY 16 South TOWNSHIP RANGE NMPM 33 East 11 8 9 10 - 18 16 15 19 20 22 30 28 26 29 27 25 33 36 32 Reclassify producing zone from Atoka to Morrow on following well. PURPOSE: Skelly 011 Company Sombrero Unit Well #1-E in Section 12, T16S,R33E, completed in Morrow formation, top of perfs 13,166 feet. Pool boundary outlined in red. Proposed pool extension outlined in green. SECTION 12: W/2

CHAVES COUNTY TOM-TOM SAN ANDRES TOWNSHIF 7 South RANGE31 East 10 - 11 18 15 17 -16 14 - 20 19 21 22 30 29 28 25 31 33 34 PURPOSE: 3 completed oil wells capable of producing Moranco Western Reserves 32 State #1-P in 32-17-31, Completed 11-29-78 in San Andres formation, top of perfs 3786 feet. Moranco Western Reserves 32 State #2-I in 32-7-31, completed 12-18-78 in San Andres formation, top of perfs 3780 feet. MWJ Producing Company State 32 #1-H in 32-7-31, completed 1-1-79 in San Andres formation, top of perfs 3775 feet. Pool boundary outlined in red. Proposed pool extension outlined in green. Section 32: SE/4 Section 32: NE/4

Addition --

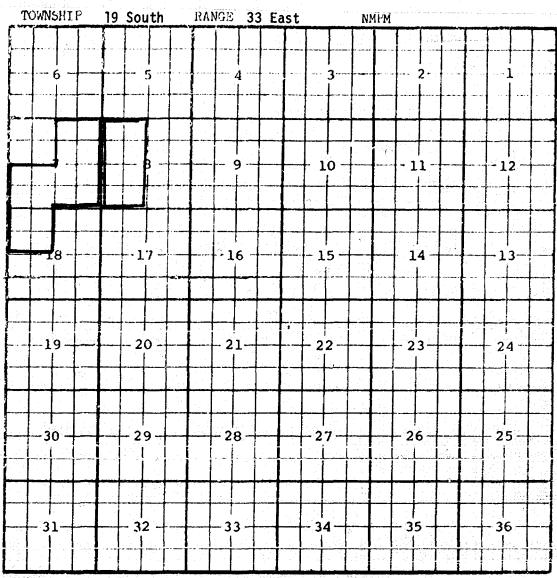
COUNTY CHAVES POOL TOM-TOM SAN ANDRES TOWNSHIP 8 South RANGE 31 East NMPM 8 10 - 11 -12--16 - 18 - 15 13--19-20 -21-22. 23 24 - 29 - 26 30 -28 -25 33 35 36 Purpose: One completed oil well capable of producing. completed November 3, 1978, in the San Andres formation. Top of perfs 3901'. Pool boundary outlined in red.

Sundance Oil Company Ingram Federal #1Y in Unit A Section 5, T8S, R31E,

Proposed	pool, ex	tension	outlined	in gree	n. SECTION	5: NE/4	
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COUNTY LEA

POOL WEST TONTO-PENNSYLVANIAN GAS



PURPOSE: One completed gas well capable of producing.

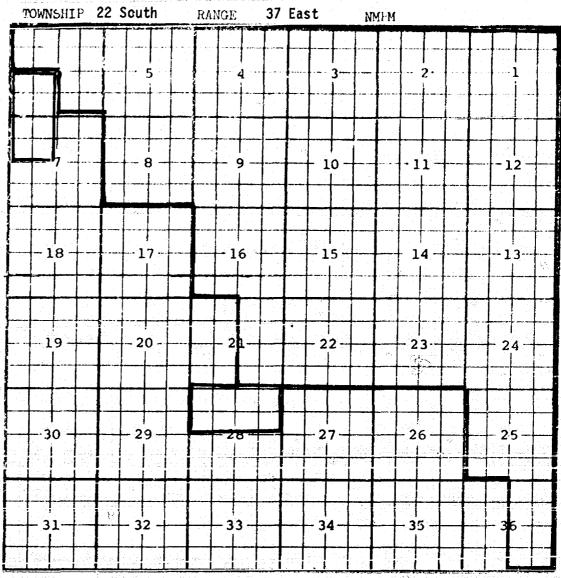
Amoco Production Co. Nellis A Federal Gas Com #1-E in Section 8, T19S,R33E, completed in the Morrow formation on Sept. 10, 1978, with top of perfs at 13,183 feet.

Pool bou	ndary	outlined	in red.				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Proposed	pool	extension	outlined	in	green.	SECTION	8: W/2	
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COUNTY LEA

POOL

TUBB GAS POOL



PURPOSE: 2 completed oil wells in a gas pool capable of producing.

Gulf Oil Corporation H.T. Mattern NCT-D #12-K in 6-22-37/completed 11-10-78
in Tubb formation top of perfs 6229 feet.

Gulf Oil Corporation H.T. Mattern NCT-D #16-E in 7-22-37 completed 11-1-78 in Tubb formation, top of perfs 6212 feet.

Proposed p	980 20 3442				A STATE OF			A company of the company
	ool ext	ension	outline	d in	green.	SECTION 6:	SW/4	
		•		·		SECTION 7:	NW/4	
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POOL North Turkey Track-Morrow Gas Eddy ARANGE 29E TOWNSHIP 198 MMIPM 10 - 11 -18 .17 - 1.6 - 15 14 -13 - 20 -21-22-23 24 -30 29 28 27 26 -25 - 31-32 - 33 -34 -35 36-Purpose: One completed gas well capable of producing. Lease #AUt. S. T. R. Comp. Form. Amoco Prod.Co. State EC 1-C 5-19-29 8/29/78 Morrow 10970 Pool boundary outlined in red. Proposed extention outlined in blue. Section 5: N/2

CASE NO. 6421 (jj) EXTENSION OF AN EXISTING OIL POOL

WANTZ-ABO COUNTY POOL RANGE 37 East TOWNSHIP NMPM 21 South 10 11 12 18 15 -14 13 20 --19 23. 30 28 - 31-32 33 PURPOSE: One completed oil well capable of producing. Exxon Corporation F.F. Hardison B #10-A in Section 34, T21S, R37E, completed August 28, 1978, in the Abo formation with top of perfs at 6684 feet. Pool boundary outlined in red. Proposed pool extension outlined in green. SECTION 34: NE/4

CASE NO. 6421 (kk) EXTENSION OF AN EXISTING GAS POOL WARREN-TUBB GAS COUNTY POOL 20 South 38 East TOWNSHIP RANGE NMPM 10 - 11 18 16 14 20 22 19 30 28 27 25 33 35 31 32 36 PURPOSE: One completed oil well in a gas pool capable of producing. Continental Oil Company Warren Unit #49-J in Section 26, T20S, R38E, completed 9-10-78 in Tubb formation with top of perfs at 6553 feet.

PURPOSE: One completed oil well in a gas pool capable of producing.

Continental Oil Company Warren Unit #49-J in Section 26, T20S, R38E,
completed 9-10-78 in Tubb formation with top of perfs at 6553 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 26: SE/4

NOMENCLATURE ADVERTISEMENT FOR JANUARY 1979 CASE NO. (01/21

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

(a) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the Avalon-Wolfcamp Pool. The discovery well is Maralo, Inc. Hanson Federal Well No. 2 located in Unit 0 of Section 28, Township 20 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM F Section 28: SE/4

(b) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Black River-Atoka Gas Pool. The discovery well is HNG Oil Company Bowden 25 Federal Com. Well No. 1 located in Unit I of Section 25, Township 24 South, Range 26 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM Section 25: E/2

(c) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production and designated as the Box Canyon-Strawn Gas Pool. The discovery well is Yates Petroleum Corporation Huber IA Federal Well No. 2 located in Unit P of Section 15, Township 21 South, Range 21 East, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 21 EAST, NMPM Section 15: \$/2

(d) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Delaware production and designated as the Cotton Draw-Delaware Pool. The discovery well is Coquina Oil Corporation El Paso Federal Well No. 1 located in Unit K of Section 12, Township 24 South, Range 31 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 31 EAST, NMPM Section 12: SW/4

(e) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the East Cottonwood Creek-Atoka Gas Pool. The discovery well is Yates Petroleum Corporation Lizzie Howard HK Well No. 1 located in Unit K of Section 13, Township 16 South, Range 25 East, NMPM. Said pool would comprise:

TOWNSHIP 16 SOUTH, RANGE 25 EAST, NMPM Section 13: W/2

(f) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Yates-Seven Rivers production and designated as the North Custer Yates-Seven Rivers Pool. The discovery well is Gifford, Mitchell & Wisenbaker Amoco State Well No. 1 located in Unit B of Section 36, Township 24 South, Range 35 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 35 EAST, NMPM V Section 36: NE/4

(g) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Diamond Mound-Atoka Gas Pool. The discovery well is Northern Natural Gas Company Vandagriff Federal Well No. 1 located in Unit K of Section 1, Township 16 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 16 SOUTH, RANGE 27 EAST, NMPM Section 1: All Section 2: Lots 1, 2, 7, 8, 9, 10, 15 & 16

(h) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Fenton Draw-Morrow Gas Pool. The discovery well is Perry R. Bass Big Eddy Unit Well No. 53 located in Unit G of Section 8, Township 21 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM Section 8: E/2

(i) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Cherry Canyon production and designated as the Herradura Bend-Cherry Canyon Pool. The discovery well is Eastland Oil Company City of Carlsbad Well No. 1 located in Unit K of Section 29, Township 22 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM Section 29: SW/4

(j) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the East High Hope-Atoka Gas Pool. The discovery well is Beard Oil Company Hagstrom Well No. 1 located in Unit K of Section 8, Township 17 South, Range 24 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 24 EAST, NMPM Section 8: W/2

Section 8: W/2 Section 17: W/2 Section 18: All

(k) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the Hume-Atoka Gas Pool. The discovery well is Mewbourne Oil Company State E Com Well No. 1 located in Unit V of Section 6, Township 16 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM > Section 6: S/2

(1) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production and designated as the Loafer Draw-Strawn Gas Pool. The discovery well is Inexco Oil Company Arroyo Federal Well No. 1 located in Unit K of Section 26, Township 21 South, Range 22 East, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 22 EAST, NMPM Section 26: S/2

(m) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Cisco-Canyon production and designated as the Logan Draw-Oisco-Canyon Gas Pool. The discovery well is Mesa Petroleum Company Potter Federal Com Well No. 1 located in Unit B of Section 29, Township 17 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM ν Section 29: N/2

(n) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the North Loving-Morrow Gas Pool. The discovery well is Cities Service Company Polk A Com Well No. 1 located in Unit B of Section 17, Township 23 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM Section 16: W/2 Section 17: N/2

(o) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production and designated as the North Loving-Strawn Gas Pool. The discovery well is Cities Service Company Polk A Com Well No. 1 located in Unit B of Section 17, Township 23 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM Section 17: N/2

-3-Nomenclature Advertisement for January 1979

(p) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Drinkard production and designated as the Lovington-Drinkard Pool. The discovery well is Getty Oil Company State O Well No. 12 located in Unit J of Section 31, Township 16 South, Range 37 East, NMPM. Said pool would comprise:

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM Section 31: SE/4

(q) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the South Millman-Atoka Gas Pool. The discovery well is Hondo Oil and Gas Company Hondo 22 State Well No. 1 located in Unit Hof Section 22, Township 19 South, Range 28 East, NMPM. Said Pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM V Section 22: E/2

(r) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Premier production and designated as the Pavo Mesa-Premier Gas Pool. The discovery well is Carl A. Schellinger Exxon Federal Well No. 1 located in Unit M of Section 29, Township 16 South, Range 29 East, NMPM. Said pool would comprise:

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

(s) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Penasco Draw-Morrow Gas Pool. The discovery well is Morris R. Antweil Dinkus Com Well No.: 1 located in Unit # of Section 28,20 Township 18 South, Range 25 East, NMPM. Said pool would comprise:

TOWNSHIP 18 SOUTH, RANGE 24 EAST, NMPM Section 24: E/2

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM V

Section 19: All Section 20: S/2 Section 29: All Section 30: N/2 Section 32: N/2

- (t) EXTEND the vertical limits of the Monument-Tubb Pool in Lea County, New Mexico, to include the Drinkard formation and REDESIGNATE said Monument-Tubb Pool as the Monument-Tubb-Drinkard Pool.
- (u) EXTEND the Blinebry Oil and Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM Section 8: S/2

- (v) EXTEND the Southeast Chaves Queen Gas Area in Chaves County, New Mexico to include therein:

 TOWNSHIP 13 SOUTH, RANGE 31 EAST, NMPM
 Section 3: \$/2
- (w) EXTEND the South Empire-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

 TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
 Section 36: E/2

 \checkmark (x) EXTEND the Jenkins-San Andres Pool in Lea County, New Mexico, to include

therein:

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM Section 27: SW/4

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

TOWNSHIP 22 SOUTH, RANGE 36 EAST, NMPM Section 21: \$/2

Nomenclature Advertisement for January 1979

(z) EXTEND the Lovington-Queen Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM V

Section 11: Section 12: W/2

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

> TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM > Section 19:

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

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM Section 27: W/2

Section 28: All

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

> TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM Section 31: SE/4 SE/4

(dd) EXTEND the Sioux-Yates Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 26 SOUTH, RANGE 36 EAST, NMPM ~ N/2

Section 8: Section 9: NW/4

(ee) EXTEND the Sombrero-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM ~ Section 12: W/2

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

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

TOWNSHIP 8 SOUTH, RANGE 31 EAST, NMPM Section 5: NE/4

∠(gg) EXTEND the West Tonto-Pennsylvanian Gas Poor in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM Section 8: W/2

(hh) EXTEND the Tubb Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM Section 6: SW/4 Section 6: Section 7: NW/4

(ii) EXTEND the North Turkey Track-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

> TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM Section 5: N/2

∠(jj) EXTEND the Wantz-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 2] SOUTH, RANGE 37 EAST, NMPM V Section 34: NE/4

(kk)_EXTEND the Warren-Tubb Gas Pool in Lea County, New Mexico, to include therein

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM Section 20.

NOMENCLATURE ADVERTISEMENT FOR JANUARY 1979 CASE NO. 6421

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

(a) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the Avalon-Wolfcamp Pool. The discovery well is Maralo, Inc. Hanson Federal Well No. 2 located in Unit O of Section 28, Township 20 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM Section 28: SE/4

(b) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Black River-Atoka Gas Pool. The discovery well is HNG Oil Company Bowden 25 Federal Com. Well No. 1 located in Unit I of Section 25, Township 24 South, Range 26 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM Section 25: E/2

(c) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production and designated as the Box Canyon-Strawn Gas Pool. The discovery well is Yates Petroleum Corporation Huber IA Federal Well No. 2 located in Unit P of Section 15, Township 21 South, Range 21 East, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 21 EAST, NMPM Section 15: \$/2

(d) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Delaware production and designated as the Cotton Draw-Delaware Pool. The discovery well is Coquina Oil Corporation El Paso Federal Well No. 1 located in Unit K of Section 12, Township 24 South, Range 31 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 31 EAST, NMPM Section 12: SW/4

(e) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the East Cottonwood Creek-Atoka Gas Pool. The discovery well is Yates Petroleum Corporation Lizzie Howard HK Well No. 1 located in Unit K'of Section 13, Township 16 South, Range 25 East, NMPM. Said pool would comprise:

TOWNSHIP 16 SOUTH, RANGE 25 EAST, NMPM Section 13: W/2

(f) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Yates-Seven Rivers production and designated as the North Custer-Yates-Seven Rivers Pool. The discovery well is Gifford, Mitchell & Wisenbaker Amoco State Well No. 1 located in Unit B of Section 36, Township 24 South, Range 35 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 35 EAST, NMPM Section 36: NE/4

(g) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Diamond Mound-Atoka Gas Pool. The discovery well is Northern Natural Gas Company Vandagriff Federal Well No. 1 located in Unit K of Section 1, Township 16 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 16 SOUTH, RANGE 27 EAST, NMPM Section 1: All Section 2: Lots 1, 2, 7, 8, 9, 10, 15 & 16

(h) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Fenton Draw-Morrow Gas Pool. The discovery well is Perry R. Bass Big Eddy Unit Well No. 53 located in Unit G of Section 8, Township 21 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM Section 8: E/2

(1) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Cherry Canyon production and designated as the Herradura Bend-Cherry Canyon Pool. The discovery well is Eastland Oil Company City of Carlsbad Well No. 1 located in Unit K of Section 29, Township 22 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM Section 29: SW/4

(j) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the East High Hope-Atoka Gas Pool. The discovery well is Beard Oil Company Hagstrom Well No. 1 located in Unit K of Section 8, Township 17 South, Range 24 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 24 EAST, NMPM Section 8: W/2

Section 17: W/2 Section 18: All

(k) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the Hume-Atoka Gas Pool. The discovery well is Mewbourne Oil Company State E Com Well No. 1 located in Unit V of Section 6, Township 16 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM Section 6: S/2

(1) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production and designated as the Loafer Draw-Strawn Gas Pool. The discovery well is Inexco Oil Company Arroyo Federal Well No. 1 located in Unit K of Section 26, Township 21 South, Range 22 East, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 22 EAST, NMPM Section 26: S/2

(m) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Cisco-Canyon production and designated as the Logan Draw-Cisco-Canyon Gas Pool. The discovery well is Mesa Petroleum Company Potter Federal Com Well No. 1 located in Unit B of Section 29, Township 17 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM Section 29: N/2

(n) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the North Loving-Morrow Gas Pool. The discovery well is Cities Service Company Polk A Com Well No. 1 located in Unit B of Section 17, Township 23 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM Section 16: W/2 Section 17: N/2

(o) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production and designated as the North Loving-Strawn Gas Pool. The discovery well is Cities Service Company Polk A Com Well No. 1 located in Unit B of Section 17, Township 23 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM Section 17: N/2

(p) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Drinkard production and designated as the Lovington-Drinkard Pool. The discovery well is Getty Oil Company State O Well No. 12 located in Unit J of Section 31, Township 16 South, Range 37 East, NMPM. Said pool would comprise:

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM Section 31: SE/4

(q) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the South Millman-Atoka Gas Pool. The discovery well is Hondo Oil and Gas Company Hondo 22 State Well No. 1 located in Unit H of Section 22, Township 19 South, Range 28 East, NMPM. Said Pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM Section 22: E/2

(r) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Premier production and designated as the Pavo Mesa-Premier Gas Pool. The discovery well is Carl A. Schellinger Exxon Federal Well No. 1 located in Unit M of Section 29, Township 16 South, Range 29 East, NMPM. Said pool would comprise:

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

(s) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Penasco Draw-Morrow Gas Pool. The discovery well is Morris R. Antwell Dinkus Com Well No. 1 located in Unit # of Section 20,30 Township 18 South, Range 25 East, NMPM. Said pool would comprise:

> TOWNSHIP 18 SOUTH, RANGE 24 EAST, NMPM Section 24: E/2

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM

N/2

Section 19: All Section 20: **S/2** Section 29: All Section 30: N/2 Section 32:

- (t) EXTEND the vertical limits of the Monument-Tubb Pool in Lea County, New Mexico, to include the Drinkard formation and REDESIGNATE said Monument-Tubb Pool as the Monument-Tubb-Drinkard Pool.
- (u) EXTEND the Blinebry Oil and Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM Section 8: S/2

(v) EXTEND the Southeast Chaves Queen Gas Area in Chaves County, New Mexico to include therein: TOWNSHIP 13 SOUTH, RANGE 31 EAST, NMPM

Section 3: S/2

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

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM Section 36: E/2

(x) EXTEND the Jenkins-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM Section 27: SW/4

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

TOWNSHIP 22 SOUTH, RANGE 36 EAST, NMPM

Section 21: S/2

Nomenclature Advertisement for January 1979

(z) EXTEND the Lovington-Queen Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM

Section 1: Section 12: W/2

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

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

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

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM

Section 27: W/2 Section 28: All

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

> TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM Section 31: SE/4 SE/4

(dd) EXTEND the Sioux-Yates Pool in Lea County, New Mexico, to include thereir.

TOWNSHIP 26 SOUTH, RANGE 36 EAST, NMPM

Section 8: N/2 Section 9: NW/4

(ee) EXTEND the Sombrero-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM Section 12: W/2

(ff) EXTEND the Tom-Tom-San Andres Publ in Chaves County, New Mexico, to include therein:

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

> TOWNSHIP 8 SOUTH, RANGE 31 EAST, NMPM Section 5: NE/4

(gg) EXTEND the West Tonto-Pennsylvanian Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM Section 8: W/2

(hh) EXTEND the Tubb Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM Section 6: SW/4 Section 7: NW/4

(ii) EXTEND the North Turkey Track-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

> TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM Section 5: N/2

(jj) EXTEND the Wantz-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM Section 34: NE/4

(kk) EXTEND the Warren-Tubb Gas Pool in Lea County, New Mexico, to include therein:

 $n \in \mathcal{E}$

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM Section 20: SE/4

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

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

CASE NO. 6421 ORDER NO. R - \$ 1//

THE APPLICATION OF THE OIL CONSERVATION DIVISION UPON ITS OWN MOTION FOR AN ORDER CREATING, EXTENDING VERTICAL LIMITS AND REDESIGNATING POOL, AND EXTENDING HORIZONTAL LIMITS OF CERTAIN POOLS IN CHAVES FDDY, LEA, AND ROOSEVELT COUNTIES, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

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

NOW, on this _____ day of January, 1979, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) That there is need for the creation of a new oil pool in Eddy County, New Mexico, for the production of oil from the Wolfcamp formation, said pool to bear the designation of Avalon-Wolfcamp Pool. Said Avalon-Wolfcamp Pool was discovered by the Maralo, Inc. Hanson Federal Well No. +2 ocated in Unit 0 of Section 28, Township 20 South, Range 27 East, NMPM. It was completed May 21, 1975, in the Wolfcamp formation. The top of the perforations is at 8,332 feet.
- (3) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of Black River-Atoka Gas Pool. Said Black River-Atoka Gas Pool was discovered by the HNG Oil Company Bowden 25 Federal Com Well No. 1 located in Unit I of Section 25, Township 24 South, Range 26 East, NMPM. It was completed May 15, 1973, in the Atoka formation. The top of the perforations is at 11,210 feet.
- (4) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Strawn formation, said pool to bear the designation of Box Canyon-Strawn Gas Pool. Said Box Canyon-Strawn Gas Pool was discovered by the Yates Petroleum Corporation Huber IA Federal Well No. 2 located in Unit P of Section 15, Township 21 South, Range 21 East, NMPM. It was completed April 6, 1978, in the Strawn formation. The top of the perforations is at 6,790 feet.
- (5) That there is need for the creation of a new oil pool in Eddy County, New Mexico, for the production of oil from the Delaware formation, said pool to bear the designation of Cotton Draw-Delaware Pool. Said Cotton Draw-Delaware Pool was discovered by the Coquina Oil Corporation El Paso Federal Well No. 1 located in Unit K of Section 12, Township 24 South, Range 31 East, NMPM. It was completed July 16, 1978, in the Delaware formation. The top of the perforations is at 4,590 feet.
- (6) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of East Cottonwood Creek-Atoka Gas Pool. Said East Cottonwood Creek-Atoka Gas Pool was discovered by the Yates Petroleum Corporation Lizzie Howard HK Well No. 1 located in Unit K of Section 13, Township 16 South, Range 25 East, NMPM. It was completed April 13, 1977, in the Atoka formation. The top of the perforations is at 7,178 feet.

- (7) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Yates-Seven Rivers formation, said pool to bear the designation of North Custer-Yates-Seven Rivers Pool. Said North Custer-Yates-Seven Rivers Pool was discovered by the Gifford, Mitchell & Wisenbaker Amoco State Well No. 1 located in Unit B of Section 36, Township 24 South, Range 35 East, NMPM. It was completed September 14, 1978, in the Yates-Seven Rivers formation. The top of the perforations is at 3,668 feet.
- (8) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of Diamond Mound-Atoka Gas Pool. Said Diamond Mound-Atoka Gas Pool was discovered by the Northern Natural Gas Company Vandagriff Federal Well No. 1 located in Unit K of Section 1, Township 16 South, Range 27 East, NMPM. It was completed June 8, 1972, in the Atoka formation. The top of the perforations is at 8,698 feet.
- (9) That there is need for the creation of a new gas pool in Eddy County, New Mexico. for the production of gas from the Morrow formation, said pool to bear the designation of Fenton Draw-Morrow Gas Pool. Said Fenton Draw-Morrow Gas Pool was discovered by the Perry R. Bass Big Eddy Unit Well No. 53 located in Unit G of Section 8, Township 21 South, Range 28 East, NMPM. It was completed June 20, 1978, in the Morrow formation. The top of the perforations is at 11,639 feet.
- (10) That there is need for the creation of a new oil pool in Eddy County, New Mexico, for the production of oil from the Cherry Canyon formation, said pool to bear the designation of Herradura Bend-Cherry Canyon Pool was discovered by The Eastland Oil Company City of Carlsbad Well No. 1 located in Unit K of Section 29, Township 22 South, Range 28 East, NMPM. It was completed August 5, 1978, in the Cherry Canyon formation. The top of the perforations is at 3,274 feet.
- (11) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of East High Hope-Atoka Gas Pool. Said East High Hope-Atoka Gas Pool was discovered by the Beard Oil Company Hagstrom Well No. 1 located in Unit K of Section 8, Township 17 South, Range 24 East, NMPM. It was completed March 29, 1978, in the Atoka formation. The top of the perforations is at 7,022 feet.
- (12) 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 Hume-Atoka Gas Pool. Said Hume-Atoka Gas Pool was discovered by the Mewbourne Oil Company State E Com Well No. 1 located in Unit V of Section 6, Township 16 South, Range 34 East, NMPM. It was completed May 13, 1977, in the Atoka formation. The top of the perforations is at 12,474 feet.
- (13) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Strawn formation, said pool to bear the designation of Loafer Draw-Strawn Gas Pool. Said Loafer Draw-Strawn Gas Pool was discovered by the Inexco Oil Company Arroyo Federal Well No. 1 located in Unit K of Section 26, Township 21 South, Range 22 East, NMPM. It was completed August 25, 1978, in the Strawn formation. The top of the perforations is at 8,399 feet.
- (14) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Cisco Canyon formation, said pool to bear the designation of Logan Draw-Cisco Canyon Gas Pool. Said Logan Draw-Cisco Canyon Gas Pool was discovered by Mesa Petroleum Company Potter Federal Com Well No. 1 located in Unit B of Section 29, Township 17 South, Range 27 East, NMPM. It was completed October 8, 1977, in the Cisco Canyon formation. The top of the perforations is at 7,697 feet.
- (15) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of North Loving-Morrow Gas Pool. Said North Loving-Morrow Gas Pool was discovered by the Cities Service Company Polk A Com Well No. 1 located in Unit B of Section 17, Township 23 South, Range 28 East, NMPM. It was completed June 28, 1978, in the Morrow formation. The top of the perforations is at 12,144 feet.

- (16) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Strawn formation, said pool to bear the designation of North Loving-Strawn Gas Pool. Said North Loving-Strawn Gas Pool was discovered by the Cities Service Company Polk A Com Well No. 1 located in Unit B of Section 17, Township 23 South, Range 28 East, NMPM. It was completed June 27, 1978, in the Strawn formation. The top of the perforations is at 11,152 feet.
- (17) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Drinkard formation, said pool to bear the designation of Lovington-Drinkard Pool. Said Lovington-Drinkard Pool was discovered by the Getty Oil Company State "O" Well No. 12 located in Unit J of Section 31, Township 16 South, Range 37 East, NMPM. It was completed September 14, 1978, in the Drinkard formation. The top of the perforations is at 7,849 feet.
- (18) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of South Millman-Atoka Gas Pool. Said South Millman-Atoka Gas Pool was discovered by the Hondo Oil and Gas Company Hondo 22 State Well No. 1 located in Unit H of Section 22, Township 19 South, Range 28 East, NMPM. It was completed December 13, 1977, in the Atoka formation. The top of the perforations is at 10,477 feet.
- (19) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Premier formation, said pool to bear the designation of Pavo Mesa-Premier Gas Pool. Said Pavo Mesa-Premier Gas Pool was discovered by the Carl A. Schellinger Exxon Federal Well No. 1 located in Unit M of Section 29, Township 16 South, Range 29 East, NMPM. It was completed October 3, 1978, in the Premier formation. The top of the perforations is at 2,360 feet.
- (20) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Penasco Draw-Morrow Gas Pool. Said Penasco Draw-Morrow Gas Pool was discovered by the Morris R. Antweil Penasco Well No. 1 located in Unit 0 of Section 2C, Township 18 South, Range 25 East, NMPM. It was completed June 23, 1977, in the Morrow formation. The top of the perforations is at 8,634 feet.
- (21) That there is need for the extension of the vertical limits of the Monument-Tubb Pool in Lea County, New Mexico, to include the Drinkard formation and the redesignation of said Monument-Tubb pool as the Monument-Tubb-Drinkard Pool. The Amoco Production Company Gillully B Federal Well No. 20 located in Unit H of Section 21, Township 20 South, Range 37 East, NMPM, has been completed in the Tubb and Drinkard formations.
- (22) That there is need for certain extensions to the Southeast Chaves Queen Gas Area and the Tom-Tom San Andres Pool both in Chaves County, New Mexico, the South Empire-Morrow Gas Pool, the South Millman-Morrow Gas Pool, the Penasco Draw-Atoka Gas Pool, and the North Turkey Track-Morrow Gas Pool all in Eddy County, New Mexico, the Blinebry Oil and Gas Pool, the Jenkins-San Andres Pool, the Langley-Ellenburger Gas Pool, the Lovington-Queen Gas Pool, the Sioux-Yates Pool, the Sombrero-Morrow Gas Pool, the West Tonto-Pennsylvanian Gas Pool, the Tubb Gas Pool, the Wantz-Abo Pool, and the Warren-Tubb Gas Pool all in Lea County, New Mexico, and the South Peterson-Pennsylvanian Pool in Roosevelt County, New Mexico.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM Section 28: SE/4

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

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM Section 25: E/2

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

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TOWNSHIP 21 SOUTH, RANGE 21 EAST, NMPM Section 15: S/2

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

TOWNSHIP 24 SOUTH, RANGE 31 EAST, NMPM Section 12: SW/4

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

TOWNSHIP 16 SOUTH, RANGE 25 EAST, NMPM Section 13: W/2

(f) That a new pool in Lea County, New Mexico, classified as an oil pool for Yates-Seven Rivers production, is hereby created and designated as the North Custery Yates-Seven Rivers Pool, consisting of the following described area:

TOWNSHIP 24 SOUTH, RANGE 35 EAST, NMPM Section 36: NE/4

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

TOWNSHIP 16 SOUTH, RANGE 27 EAST, NMPM

Section 1: All Section 2: Lots 1, 2, 7, 8, 9, 10, 15, and 16

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

TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM Section 8: E/2

(i) That a new pool in Eddy County, New Mexico, classified as an oil pool for Cherry Canyon production, is hereby created and designated as the Herradura Bend-Cherry Canyon Pool, consisting of the following described area:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM Section 29: SW/4

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

TOWNSHIP 17 SOUTH, RANGE 24 EAST, NMPM

Section 8: Section 17:

Section 18: All

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

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM Section 6: S/2

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

> TOWNSHIP 21 SOUTH, RANGE 22 EAST, NMPM Section 26: S/2

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

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM Section 29: N/2

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

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM Section 16: W/2 Section 17: N/2

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

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM Section 17: N/2

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

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM Section 31: SE/4

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

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM Section 22: E/2

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

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

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

TOWNSHIP 18 SOUTH, RANGE 24 EAST, NMPM Section 24: E/2

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM

Section 19: All Section 20: S/2 Section 29: All Section 30: N/2

Section 32:

- (t) That the vertical limits of the Monument-Tubb Pool in Lea County, New Mexico, are hereby extended to include the Drinkard formation, and said Monument-Tubb Pool is hereby redesignated as the Monument-Tubb-Drinkard Pool.
- (u) That the Blinebry Oil and Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM Section 8: \$/2

(v) That the Southeast Chaves Queen Gas Area in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 13 SOUTH, RANGE 31 EAST, NMPM Section 3: \$/2

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

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM Section 36: E/2

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

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM Section 27: SW/4

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

TOWNSHIP 22 SOUTH, RANGE 36 EAST, NMPM Section 21: \$/2

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

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM Section 1: S/2 Section 12: W/2

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

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

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

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM Section 27: W/2 Section 28: All

(cc) That the South Peterson-Pennsylvanian Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM Section 31: SE/4 SE/4

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

TOWNSHIP 26 SOUTH, RANGE 36 EAST, NMPM Section 8: N/2 Section 9: NW/4

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

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM Section 12: W/2

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

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

Addition ----- Section 32: NI

TOWNSHIP 8 SOUTH, RANGE 31 EAST, NMPM Section 5: NE/4

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

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM Section 8: W/2

(hh) That the Tubb Gas 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 6: SW/4 Section 7: NW/4

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

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM Section 5: N/2

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

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM Section 34: NE/4

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

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM Section 26: SE/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 Division. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Form C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Division within said 60-day period shall subject the well to cancellation of allowable.
- (2) That the effective date of this order and all creations, extensions, and redesignations included herein shall be February 1, 1979.

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

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

JOE D. RAMEY Director