CASE 7260: SOUTHEAST NOMENCLATURE FOR MAY, 1981

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Case No.

7260

Application

Transcripts

Small Exhibits

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION STATE LAND OFFICE BLDG. SANTA FE, NEW MEXICO 20 May 1981

EXAMINER HEARING

IN THE MATTER OF:

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The hearing called by the Oil Conservation Division on its own motion for an order creating, abolishing, comtracting vertical limits, and extending) horizontal limits of certain pools in) Eddy, Lea, and Roosevelt Counties, New) Mexico.

Daniel S. Nutter BEFORE:

TRANSCRIPT OF HEARING

APPEARANCES

For the Oil Conservation Division:

Ernest L. Padilla, Esq. Legal Counsel to the Division State Land Office Bldg. Santa Fe, New Mexico 87501

CASE 7260

For the Approximent Amoco Production Company:

Clyde L. Mote, Esq. AMOCO PRODUCTION COMPANY Houston, Texas

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        Statement by Mr. Mote
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2	MR. NUTTER: Call next Case Number 7260.
3	which is in the matter of the hearing called by the OCD on
4	its own motion for an order creating, abolishing, contracting
5	vertical limits, and extending horizontal limits of certain
6	pools in Eddy, Lea, and Roosevelt Counties, New Mexico.
7 . a	MR. MOTE: Mr. Examiner, I'm Clyde MOte
8	appearing on behalf of Amoco Production Company, in associatio
9	with Atwood and Malone.
10	I'd like to make a statement in connec-
11	tion with one of the items on that.
12	MR. NUTTER: Very good.
13	MR. PADILLA: And, Mr. Examiner, I enter
14	an appearance in behalf of the Division.
15	
16	(Witness sworn.)
17	
18	CARL ULVOG
19	being called as a witness and being duly sworn upon his oath,
20	testified as follows, to-wit:
21	en de la companya de La companya de la co
22	DIRECT EXAMINATION
23	BY MR. PADILLA:
24	Q Mr. Ulvog, for the record would you
25	please state your name, by whom you're employed, and in what

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2	capacity?
3	A. Yes, sir. Carl Ulvog, Senior Geologist
4	for the Oil Conservation Division and I'm based in Santa Fe.
5	Q. And, Mr. Ulvog, are you prepared to make
6	recommendations to the Division concerning the nomenclature
7	of certain pools in Eddy, Lea, and Roosevelt Counties, New
8	Mexico?
9	A. Yes, sir, I am.
10	Q. Are your recommendations prepared in the
11	form of an exhibit?
12.	A. Yes, sir, I have one exhibit, a series
13	of plats that are identified according to the docket.
14	Q. Would you point out any substantial
1 5	difference between the docket that has been prepared today
16	and your exhibit for the Examiner?
17	A. We have only one change and that is in
18	the case of paragraph (n) extending the Bull's Eye-San Andres
19	Pool in Eddy County, New Mexico.
20	That should be dismissed because of an
21	error in the advertisement.
22	Otherwise there are no changes.
23	MR. NUTTER: That was advertised to
24	extend the Bull's Eye-San Andres Pool in Eddy County, New
25	1 to in Charges

County, is that correct?

That's correct.

MR. NUTTER: So we just dismiss para-

5 | graph (n).

Now, with respect to paragraph (cc), that calls for the contraction of the vertical limits of the Shugart-Pennsylvanian Pool to include the Morrow formation only, and the redesignation of said pool as the Shugart-Morrow Gas Pool, and the extension of the horizontal limits of the pool to include the north half of Section 26, Township 18 South, Range 31 East, is that correct?

A. That is correct.

MR. NUTTER: Mr. Mote, did you have any remarks to make concerning that paragraph?

MR. MOTE: Yes, sir. Amoco Production Company has a well, and probably the only well, that would be subject to being hurt by the contraction of the vertical limits as suggested.

We have our Greenwood Unit No. 2 Well. This well was total depth and perforated in December of 1957 and it was perforated both in the Atoka and the Morrow initially at that time.

It was potentialed in 1958 and has -- was tested just recently in March of 1981, making 185-million

cubic feet, 185 Mcf per day, and 3 barrels per day of condensate.

It has a cumulative of about 11.4 Bcf of gas and 233,000 barrels of condensate.

Since it was perfed both in the Atoka and the Morrow, we would like for this particular well, at least, to be grandfathered in. It's been producing from both zones in a commingled manner since 1957, and we also believe that it would be a very high risk workover to attempt segregation of the Atoka and Morrow and would possibly kill both zones if we attempted to go down and separate those zones.

We'd ask for an exception as to this

one well.

MR. NUTTER: In other words, if the pool limits were contracted from Pennsylvanian to Morrow only, that would leave the well producing from the Shugart-Morrow Gas Pool and also an undesignated Atoka interval, is that correct, Mr. Mote?

MR. MOTE: That's correct.

MR. NUTTER: And so what you would seek would be authority to commingle that undesignated Atoka with the Morrow production in the wellbore, as has been done since its original completion --

A. Yes, sir.

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Q. -- in 1957. Yes, sir. We will make the recommendation that an exception to the segregation rules be granted to the Amoco Greenwood Unit No. 2 and it be permitted to continue to commingle the Atoka and Morrow zones in the wellbore. Did you have anything further Mr. Ulvog or Mr. Padilla? 10 I have nothing further. MR. PADILLA: I have nothing further 11 and I offer Exhibit One into evidence. 13 MR. NUTTER: Exhibit One in Case Number 14 7260 will be admitted in evidence. 15 Does anyone have anything they wish to offer in this case? 17 The witness may be excused and the case 18 will be taken under advisement and the hearing adjourned. 19 20 (Hearing concluded.) 21 22 23 24 25

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CERTIFICATE

I, SALLY W. BOYD, C.S.R., DO HEREPY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability.

Snily W. Boyd CSR

I do hereby certify that the foregoing is a comple e second of the proceedings in , Examiner Conservation Division

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STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
STATE LAND OFFICE BLDG.
SANTA FE, NEW MEXICO
20 May 1981
EXAMINER HEARING

IN THE MATTER OF:

The hearing called by the Oil Conservation Division on its own motion for) an order creating, abolishing, contracting vertical limits, and extending) tracting vertical limits of certain pools in) horizontal limits of certain pools in) Eddy, Lea, and Roosevelt Counties, New) Mexico.

7260

BEFORE: Daniel S. Nutter

TRANSCRIPT OF HEARING

APPEARANCES

For the Oil Conservation Division:

Ernest L. Padilla, Esq. Legal Counsel to the Division State Land Office Bldg. Santa Fe, New Mexico 87501

For the Applicants Amoco Production Company:

Clyde L. Mote, Esq.
AMOCO PRODUCTION COMPANY
Houston, Texas

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3 2 MR. NUTTER: Call next Case Number 7260. 3 which is in the matter of the hearing called by the OCD on its own motion for an order creating, abolishing, contracting vertical limits, and extending horizontal limits of certain pools in Eddy, Lea, and Roosevelt Counties, New Mexico. 7 MR. MOTE: Mr. Examiner, I'm Clyde Mote appearing on behalf of Amoco Production Company, in association with Atwood and Malone. 10 I'd like to make a statement in connec-11 tion with one of the items on that. 12 MR. NUTTER: Very good. 13 MR. PADILLA: And, Mr. Examiner, I enter 14 an appearance in behalf of the Division. 15 16 (Witness sworn.) 17 18 CARL ULVOG 19 being called as a witness and being duly sworn upon his oath, 20 testified as follows, to-wit: 21 22 DIRECT EXAMINATION 23 BY MR. PADILLA: 24 Mr. Ulvog, for the record would you

please state your name, by whom you're employed, and in what

2 capacity?

14¹

 A. Yes, sir. Carl Ulvog, Senior Geologist

for the Oil Conservation Division and I'm based in Santa Fe.

Q And, Mr. Ulvog, are you prepared to make

recommendations to the Division concerning the nomenclature of certain pools in Eddy, Lea, and Roosevelt Counties, New Mexico?

A. Yes, sir, I am.

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

A Yes, sir, I have one exhibit, a series of plats that are identified according to the docket.

Q Would you point out any substantial difference between the docket that has been prepared today and your exhibit for the Examiner?

A. We have only one change and that is in the case of paragraph (n) extending the Bull's Eye-San Andres Pool in Eddy County, New Mexico.

That should be dismissed because of an error in the advertisement.

Otherwise there are no changes.

MR. NUTTER: That was advertised to extend the Bull's Eye-San Andres Pool in Eddy County, New Mexico, Mr. Ulvog, and in reality that pool's in Chaves

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It has a cumulative of about 11.4 Bcf of gas and 233,000 barrels of condensate.

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MR. MOTE: That's correct.

MR. NUTTER: And so what you would seek would be authority to commingle that undesignated Atoka with the Morrow production in the wellbore, as has been done since its original completion ---

Yes, sir.

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0 in 1957.
A. Yes, sir.
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exception to the segregation rules be granted to the Amoco
Greenwood Unit No. 2 and it be permitted to continue to com-
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or Mr. Padilla?
A I have nothing further.
MR. PADILLA: I have nothing further
and I offer Exhibit One into evidence.
MR. NUTTER: Exhibit One in Case Number
7260 will be admitted in evidence.
Does anyone have anything they wish to
offer in this case?
The witness may be excused and the case
will be taken under advisement and the hearing adjourned.
(Hearing concluded.)

CERTIFICATE

I, SALLY W. BOYD, C.S.R., DO HEREPY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability.

Sarry library CSR

I do hereby cartify that the foregoing is a complete to or, of the proceedings in the Examiner hearing of Zase , Examiner Oil Conservation Division

SALLY W. BOYD, C.S.R.
Rt. 1 Box 193-fl
Santa Ft. New Mexico 87201
-Phone (505) 455-7409

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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. 7260 Order No. R-6698

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

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 s.m. on May 20, 1981, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this <u>and</u> day of June, 1981, 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 pool in Lea County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of West Antelope Ridge-Atoka Gas Pool Was discovered by the Monsanto Company Back Rasin Well No. 1 located in Unit I of Section 20, Township 23 South, Range 34 East, NMPM. It was completed in the Atoka formation on February 15, 1981. The top of the perforations is at 12,620 feet.
- (3) That there is need for the creation of a new pool in Les County, New Mexico, for the production of gas from the Strawn formation, said pool to bear the designation of Antelope Ridge-Strawn Gas Pool. Said Antelope Ridge-Strawn Gas Pool was discovered by the Estoril Production Corporation Curry Federal Well No. 1 located in Unit I of Section 22, Township 23 South, Range

-2-Case No. 7260 Order No. R-6698

34 East, NMPM. It was completed in the Strawn formation on January 13, 1981. The top of the perforations is at 12,049 feet.

- (4) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Mon-toya formation, said pool to bear the designation of Fowler-Montoya Pool. Said Fowler-Montoya Pool was discovered by the Gulf Uil Corporation Lillie Well No. 1 located in Unit D of Section 23, Township 24 South, Sange 37 East, NMPN. It was completed in the Montoys formation on October 30, 1980. The top of the perforations is at 8664 feet.
- (5) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of Grama Ridge-Atoka Gas Pool was discovered by the Minerals, Inc. Llano 33 State Well No. 1 located in Unit J of Section 33, Township 21 South, Range 34 East, NMPM. It was completed in the Atoka formation on March 13, 1981. The top of the perforations is at 12,851 feet.
- (6) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Wolf-camp formation, said pool to bear the designation of McMillan-Wolfcamp Gas Pool was discovered by the Marbob Energy Corporation State CJ Com Well No. 1 located in Unit G of Section 24, Township 20 South, Range 26 East, NMPM. It was completed in the Wolfcamp formation on November 19, 1980. The top of the perforations is at 7867 feet.
- (7) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Bone Spring formation, said pool to bear the designation of North Daudo-Bone Spring Pool was discovered by the Jake L. Hamon Hamon-Samedan Petty Well No. 1 located in Unit N of Section 8, Township 20 South, Range 36 East, NMPM. It was completed in the Bone Spring formation on January 19, 1981. The top of the perforations is at 8233 feet.
- (8) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Wolfcamp formation, said pool to bear the designation of West Palmillo-Wolfcamp Pool. Said West Palmillo-Wolfcamp Pool was discovered by the Bass Enterprises Production Company Palmillo State Well No. 1 located in Unit J of Section 1, Township 19 South, Range 28 East, NMPM. It was completed in the Wolfcamp

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formation on June 11, 1980. The top of the perforations is at

- (9) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of Scoggin Draw-Atoka Gas Pool was discovered by the Amaco Production Company Federal F Gas Com Well No. 1 located in Unit G of Section 3, Township 18 South, Range 27 East, NMPM. It was completed in the Atoka formation on February 25, 1980. The top of the perforations is at 9344 feet.
- (10) That there is need for the creation of a new pool in Roosevelt County, New Mexico, for the production of oil from the Cisco formation, said pool to bear the designation of East Tanneyhill-Cisco Pool. Said East Tanneyhill-Cisco Pool was discovered by the Energy Reserves Group, Inc. El Paso State Well No. 1 located in Unit P of Section 8, Township 6 South, Range 34 East, NMPM. It was completed in the Cisco formation on January 20, 1981. The top of the perforations is at 7679 feet.
- (11) That there is need for the abolishment of the Carlsbad-Canyon Gas Pool in Eddy County, New Mexico, in order that the acreage may be included in the East Carlsbad-Wolfcamp Gas Pool.
- (12) That there is need for the abolishment of the Carlebad Permo-Pennsylvanian Gas Pool in Eddy County, New Mexico, in order that the acreage may be included in the East Carlebad-Wolfcamp Gas
- (13) That there is need for the contraction of the vertical limits of the Shugart-Pennsylvanian Gas Pool in Eddy County, New Mexico, to the Morrow formation only and the redesignation of said pool to Shugart-Morrow Gas Pool. Further, that the Amoco of Production Company Greenwood Unit Well No. 2, located in Unit Gof Section 34, Township 18 South, Range 31 East, NMPM, which has been completed in and producing from both the Atoka and Morrow formations since 1958, should be permitted to continue to so produce as commingled Shugart-Morrow and undesignated Atoka from the Shugart-Morrow Gas Pool only.
- (14) That there is need for certain extensions to the Baldridge Canyon-Morrow Gas Pool, the East Carlsbad-Wolfcamp Gas Pool, the Catclaw Draw-Morrow Gas Pool, the Diamond Mound-Morrow Gas Pool, the Dublin Ranch-Atoka Gas Pool, the East Empire Yates-Seven Rivers Pool, the North McMillan-Morrow Gas Pool, the Halaga-Morrow Gas Pool, the Halaga-Morrow Gas Pool, and the North

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Shugart-Morrow Gas Pool, all in Eddy County, New Mexico, and the Abum-Upper Pennsylvanian Pool, the North Caprock-Mississippian Pool, the Comanche Stateline Tansill-Yates-Seven Rivers-Queen Pool, the Hare-San Andres Gas Pool, the South Rivers-Queen Pool, the Hare-San Andres Gas Pool, the Kemnitz Atoka-Morrow Gas Pool, the Maljamar-Strawn Pool, the Kemnitz Atoka-Morrow Gas Pool, and the East Weir-Blinebry South Salt Lake-Morrow Gas Pool, and the North Peterson-Pool, all in Lea County, New Mexico, and the North Peterson-Pennsylvanian Pool in Roosevelt County, New Mexico.

(15) That there is need to dismiss the proposed extension to the Bull's Eye-San Andres Pool in Chaves County, New Mexico, due to an error in advertising.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM

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

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM Section 15: 5/2 Section 22: All

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

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM Section 23: NW/4

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

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPH Section 33: 5/2 |-5-|Case No. 7260 |Drder No. R-6698

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

TOWNSHIP 20 SOUTH, RANGE 26 EAST, NMPM Section 24: N/2

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

TOWNSHIP 20 SOUTH, RANGE 36 EAST, NMPM Section 8: SW/4

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

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM Section 1: NW/4 SE/4

(h) That a new pool in Eddy County, New Mexico, classified as week pool for Atoka production is hereby created and designated as the Scoggin Draw-Atoka Gas Pool, consisting of the following described areas

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NHPH Section 3: E/2

(i) That a new pool in Roosevelt County, New Mexico, classified as an oil pool for Cisco production is hereby created and designated as the East Tanneyhill-Cisco Pool, consisting of the following described area:

TOWNSHIP 6 SOUTH, RANGE 34 EAST, NMPM Section 8: SE/4

(j) That the Carlebad-Canyon Gau Pool in Eddy County, New Mexico, consisting of the following described area:

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM Section 21: 5/2

is hereby abolished.

-6. Case No. 7260 Order No. R-6698

(k) That the Carlabad Permo-Pennsylvanian Gas Pool in Eddy County, New Hexico, consisting of the following described area:

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM Section 15: All

is hereby abolished.

(1) That the Baldridge Canyon-Morrow Gas Poul in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 SOUTH, RANGE 24 EAST, NMPM

TOWNSHIP 23 SOUTH, RANGE 25 EAST, NMPM Section 31: 5/2

TOWNSHIP 24 SOUTH, RANGE 24 EAST, NMPM Section 1: E/2 Section 12: E/2

TOWNSHIP 24 SOUTH, RANGE 25 EAST, NMPM Section 6: W/2 Section 7: N/2

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

TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM Section 30: SE/4

(n) That the proposed extension to the Bull's Eye-San Andres Pool in Eddy County, New Mexico, consisting of the following

TOWNSHIP 8 SOUTH, RANGE 28 EAST, NMPH Section 12: N/2 SE/4

TOWNSHIP 8 SOUTH, RANGE 29 EAST, NMPM Section 7: NW/4 SW/4

is hereby dismissed.

(o) That the North Caprock-Mississippien Pool in Lea County, Now Mexico, as heretofore classified, defined, and described,

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is hereby extended to include therein:

TOWNSHIP 12 SOUTH, RANGE 32 EAST, NHPM Section 5: SE/4

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

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM Section 14: N/2
Section 15: All Section 16: E/2
Section 20: E/2
Section 21: All

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

TOWNSHIP 20 SOUTH, RANGE 26 EAST, NMPM Section 33: E/2

(r) That the Comenche Stateline Tansill-Yates-Seven Rivers-Queen 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 20: E/2 NE/4

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

TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM Section 6: \$/2

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

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM Section 22: \$/2 Section 27: N/2

(u) That the East Empire Yates-Seven Rivers Pool in Eddy County, New Mexico, as heretofore classified, defined, and -8-Case No. 7260 Order No. R-6698

described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM Section 23: NW/4 SW/4

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

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

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

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM Section 30: E/2

(x) That the North McMillan-Morrow Gas Poul in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 27 EAST, NMPM Section 21: 5/2

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

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM Section 28: W/2

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

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM Section 10: S/2 Section 23: N/2

(aa) That the North Paterson-Pennsylvanian Pool in Roose-velt County, New Mexico, as heretofore classified, defined, and described, is hereby extanded to include therein:

TOWNSHIP 4 SOUTH, RANGE 33 EAST, NMPM Section 16: NW/4 Section 17: SE/4

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

TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPM Section 5: Lots 1, 2, 3, 4, 5, 6, 7, and 8

(cc) That the vertical limits of the Shugart-Pennsylvanian Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, are hereby contracted to the Morrow formation only and said pool redesignated to Shugart-Morrow Gas Pool, and the horizontal limits of said Shugart-Morrow Gas Pool extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM Section 26: N/2

Provided however, that the Amoco Production Company Greenwood Unit Well No. 2, located in Unit G of Section 34, Township 18 South, Range 31 East, NMPM, is hereby authorized to commingle undesignated Atoka and Shugart-Morrow production in the wellbore and to report all of said production as Shugart-Morrow Gas Pool production.

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

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM Section 7: E/2 Section 18: All

(ee) That the East Weir-Blinebry Pool in Lee County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

> JOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM Section 7: N/2 N/2 Section 8: N/2 N/2 Section 9: W/2 NW/4

IT IS FURTHER ORDERED:

(1) That pursuant to Section 70-2-18, NMSA 1978, any well which by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger

-10-Case No. 7260 Order No. R-6698

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, abolishments, contractions, and extensions included herein shall be June 1, 1981.

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

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

JOE D. RAMEY

SEAL

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CASE 7225: (Continued from April 22, 1981, Examiner Hearing)

Application of Knox Industries, Inc. for an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox Morrow location of its Maddox Well No. 1 to be drilled 1980 feet from the South line and 660 feet from the West line of Section 12, Township 23 South, Range 34 East, Northeast Antelope Ridge Field, the S/2 of said Section 12 to be dedicated to the well.

CASE 7258: Application of HNC Oil Company for compulsory pooling, Lea County, New Mexico.

Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp and Pennsylvanian formations underlying the S/2 of Section 32, Township 21 South, Range 35 East, 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, designation of applicant as operator of the well, and a charge for the risk involved in drilling said well.

CASE 7086: (Continued from April 8, 1981, Examiner Hearing)

Application of Blackwood & Nichols Company, Ltd. for designation of a tight formation, San Juan and Rio Arriba Counties, New Mexico. Applicant, in the above styled cause, seeks the designation of the Pictured Cliffs formation underlying portions of Townships 30 and 31 North, Ranges 6, 7, and 8 West, containing 33,500 acres, more or less, as a tight formation pursuant to Section 107 of the Natural Gas Policy Act and 18 CFR Section 271.701-705.

CASE 7259: In the matter of the hearing called by the Oil Conservation Division on its own motion to permit
New Mexico State University and Fireman's Fund Insurance Company to appear and show cause why two
certain geothermal wells, being the New Mexico State University Well No. TG-3 and Well No. DT-4,
both located in the NW/4 SE/4 of Section 14, Township 29 South, Range 8 West, Luna County, New
Mexico, should not be ordered plugged and abandoned in accordance with a Division-approved plugging
program.

CASE 7260: In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating, abolishing, contracting vertical limits, and extending horizontal limits of certain pools in Eddy, Lea, and Roosevelt Counties, New Mexico:

(a) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the West Antelope Ridge-Atoka Gas Pool. The discovery well is Monsanto Company Back Basin Well No. 1 located in Unit I of Section 20, Township 23 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM Section 20: E/2

(b) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Strawn production and designated as the Antelope Ridge-Strawn Gas Pool. The discovery well is Estoril Production Corporation Curry Federal Well Mo. 1 located in Unit I of Section 22, Township 23 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM Section 15: \$/2 Section 22: All

(c) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Montoya production and designated as the Fowler-Montoya Pool. The discovery well is Gulf Oil Corporation Lillie Well No. 1 located in Unit D of Section 23, Township 24 South, Range 37 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM Section 23: NW/4

(d) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the Grama Ridge-Atoka Gas Pool. The discovery well is Minerals, Inc. Llano 33 State Well No. 1 located in Unit J of Section 33, Township 21 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NHPM Section 33: S/2

CASE NO. 7260 (a) CREATION OF A NEW GAS POOL WEST ANTELOPE RIDGE-ATOKA GAS COUNTY LEA TOOL TOWNSHIP 23 South 34 East RANGE milm 10 -- 11 -14 -21-24. 23 - 28 26-29 32 33 - 35 - 34 -36-One completed gas well capable of producing DISCOVERY WELL: Monsanto Company Back Basin Well #1-I in Sec. 20, T23S,R34E, completed Feb. 15, 1981, in the Atoka formation. Top perforation at 12,620'. Proposed pool boundary outlined in red. SECTION 20: E/2

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CASE NO.7260 (b) CREATION OF A NEW GAS POOL

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ANTELOPE RIDGE-STRAWN GAS

OTSCOVERY WELL: Gulf Oil Corporation Lillie Well #1-D in Sec. 23, T245,R37
completed Oct. 30, 1980, in the Montoya formation. Top perforation 8,664 f
Proposed pool boundary outlined in red. SECTION 23: NW/4

COUNTY LEA GRAMA RIDGE-ATOKA GAS POOL TOWNSHIP 21 SOUTH RANGE 34 EAST NMPM - 11 10 -12 -18--17--14 - 15 -- 16 --13-20 23-- 29+ 28 - 26 25 - 30 36 31-- 32 -34--35-PURPOSE: One completed gas well capable of producing. DISCOVERY WELL: Minerals, Inc. Llano 33 State Well #1-J in Sec. 33, T215,R34E, completed March 13, 1981, in the Atoka formation. Top perforation 12,851 ft. Proposed pool boundary outlined in red. SECTION 33: S/2

CASE NO. 7260 (e) CREATION OF A NEW GAS POOL

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Purpose: One completed gas well capable of producing.

Disc. Well: Marbob Energy Corp. State CJ Com #1-6, 24-20-26

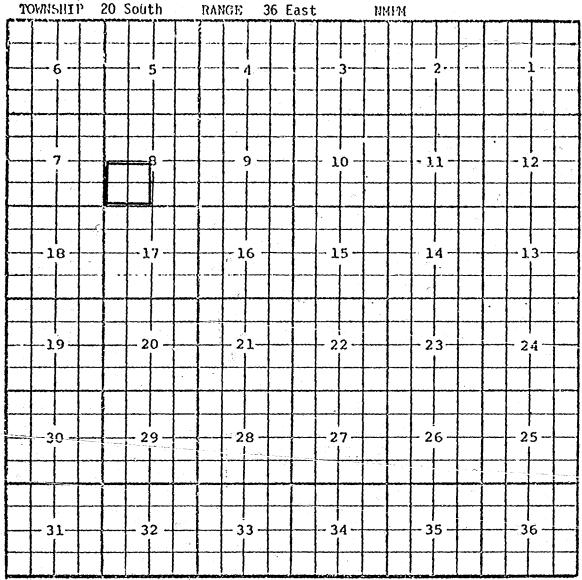
Comp. 11-19-80, through Wolfcamp perfs, from 7867-7062.

Proposed pool boundary outlined in blue.

Section 24: N/2

(f) CREATION OF A NEW OIL POOL

COUNTY LEA POOL NORTH-OSUDO-BONE SPRING
TOWNSHIP 20 South RANGE 36 East NMFM



PURPOSE: One completed oil well capable of producing.

DISCOVERY WELL: Jake L. Hamon, Hamon-Samedan Petty #1-N in Sec. 8, T20S, R36E, completed January 19, 1981, in the Bone Spring formation. Top perf 8233 ft.

Proposed	p001	boundary	outlined	in	red.	SEC	TION	8:	SW/4		·	
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CASE NO. 7260 (g) CREATION OF A NEW OIL POOL.
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Purpose: One completed oil well capable of producing.

Disc. Well: Bass Enterprises Prod. Co. Palmillo St. #1-J, 1-19-28

Completed 6-11-80, through Wolfcamp perfs 8693-8795!

Proposed pool boundary outlined in blue.

Section 1: NW/4 SE/4

CASE NO. 7260 (h) CREATION OF A NEW GAS POOL

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Purpose: One	e completed	gas well c	apable of	producing.	
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Disc. well: Comp. 2-25-80				om #1-G, 3-18-2	7
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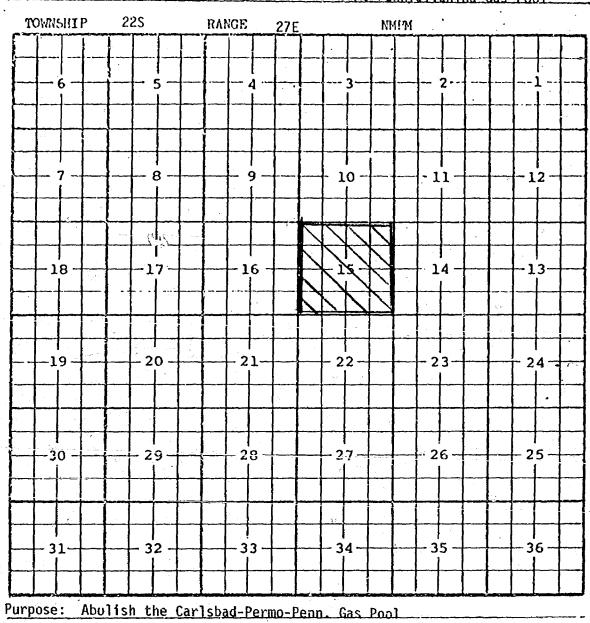
Disc. well: Amoco Prod. Co. Federal F Gas Com #1-G, 3-18-27	
Comp. 2-25-80, through Atoka perfs, 9344-56!	

Proposed pool boundary outlined in blue. Section 3: E/2

CASE NO. 7260 (i) CREATION OF A NEW OIL POOL ROOSEVELT EAST TANNEYHILL-CISCO COUNTY mor TOWNSHIP 6 South 34 East RANGE NMFM 10 -11 -12 -18 15 14 - 20 --19 22 23-24 -30 29 - 28 26 25 31. 32 33. 34 35 36 PURPOSE: One completed oil well capable of producing. DISCOVERY WELL: Energy Reserves Group, Inc. El Paso State Well #1-P in Sec. 8, T6S, R34E, completed January 20, 1981, in the Cisco formation. Top perf 7679 ft. Proposed pool boundary outlined in red. SECTION 8: SE/4

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Purpose: Abolish the Carlsbad-Canyon Gas Pool, sa	id acreage to be include
in the East Carlsbad-Wolfcamp Gas Pool.	
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Pool boundary outlined in Red.	
Section 21: 5/2	•
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Said acreage to be included in the E	ast Carlshad-Wolfcamp Gas Pool.
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Pool boundary outlined in red.	
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Proposed abolishment hachured in blu	le.
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CASE NO. 7260 (1) EXTENSION OF AN EXISTING GAS POOL (page 1 of 4 pages)

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CASE NO. 7260 (1) EXTENSION OF AN EXISTING GAS POOL Contd. (Page 2 of # pages)
COUNTY Eddy POOL Baldridge Canyon-Morrow Gas

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Purpose:	See Exhibit I.					
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Pool boundary outlined in Red.

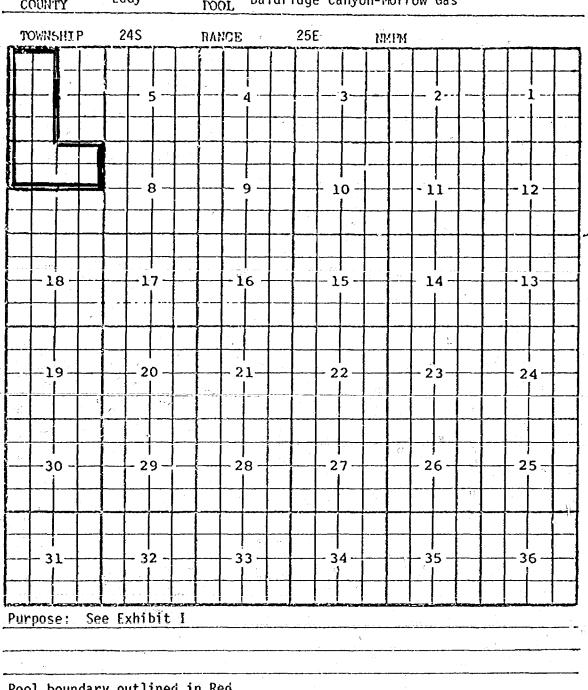
Proposed extension outlined in Blue.

Section 1: E/2

Section 12: E/2

CASE NO. 7260 (1) EXTENSION OF AN EXISTING GAS POOL Contd. Page 4 of 4 pages

COUNTY Eddy POOL Baldridge Canyon-Morrow Gas



Purpose: See Exhibit I

Pool boundary outlined in Red.

Proposed extension outlined in Blue.

Section 6: W/2

Section 7: N/2

(m) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA BAUM-UPPER PENNSYLVANIAN POOL : 13 South 33 East TOWNSHIP RANGE NMPM 10 - 11 -12 -16 15. 14. -19 20 21-22 . 23 24 - 28 - 26 25 -33-- 35 -- 36 -31-- 34 -PURPOSE: One completed oil well capable of producing. R.L. Burns Corporation State 30 Com Well #3-0 in Sec. 30, T13S, R33E, completed Feb. 18, 1981, in the Upper Pennsylvanian formation. Top perf 9710 ft. Pool boundary outlined in red. Proposed Pool extension outlined in green. SECTION 30: SE/4

CASE NO. 7260 (n) EXTENSION OF AN EXISTING OIL POOL COUNTY Chaves POOL Bull's Eye-San Andres

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The Harlow Corp.	Bar			_ 2 -3-81_		
The Harlow Corp.	O'Brien Lightcap	#1-L	7-8-29	2-13-81	SA	2701

Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 12: N/2 SE/4

TO BE DISMISSED DUE TO AN ERROR IN ADVERTISING.

CASE NO.7260 (n) EXTENSION OF AN EXISTING OIL POOL Contd.)Page 2 of 2 pages)
COUNTY Chaves POOL Bull's Eye-San Andres

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Purpose: See Exhibit I

TO BE DISMISSED DUE TO ERROR IN ADVERTISING. Pool boundary outlined in red. Proposed extension cutlined in Blue. Section 7: NW/4 SW/4

CASE NO. 7260 (o) EXTENSION OF AN EXISTING OIL POOL

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Morris R. Antweil Lucky Larry Well #1 located in Unit 0, Sec. 5, T12S, R32E, completed June 25, 1980, in the Mississippian formation. Top perf 11,112 ft.

Pool boundary	outlined	in red.					
Proposed pool	extension	outlined	in green	SECTION 5:	SE/4		
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2260 (p) EXTENSION OF AN EXISTING GAS POOL  East Carlsbad-Wolfcamp Gas	
CASE NO. 7260 (b) EXTENSION OF AN EXISTING GAS PROLE East Carlsbad-Wolfcamp Gas	
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Pool boundary	
Proposed extension outlined in Blue.  Section 14: N/2  Section 14: ALL	• • • • •
Section 14: ALL  Section 14: ALL	
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CASE NO. 7260 (2) EXTENSION OF AN EXISTING GAS POOL COUNTY FOOL POOL Catclaw Draw-Morrow Gas

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Operator Lease #&Ut. S.T.R. Comp. Form. TOP

Jake L. Hamon Fed. 33 1-I 32-20-26 2-10-81 Morrow 10021

Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 33: E/2

CASE NO.7260 (r) EXTENSION OF AN EXISTING OIL POOL COUNTY FOOL COMANCHE STATELINE-TANSILL-YATES-SR-QUEEN TOWNSHIP 26 South RANGE 36 East MMPM 10 --11 -12-18 -16 - 15 14 --19 - 20 --21-24--30 29 - 28 -- 26 -25 PURPOSE: One completed oil well capable of producing. BTA Oil Producers Lea 20 7426 JV-S #2-A in Sec. 20, T26S,R36E, completed March 1, 1981, in the Tansill-Yates formation. Top perf 3176 ft. Pool boundary outlined in red. Proposed pool extension outlined in green. SECTION 20: E/2 NE/4

CASE NO. 7260 (s) EXTENSION OF AN EXISTING GAS POOL

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Purpose: One completed gas well capable of producing.		
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Pool boundary outlined in red.		
Proposed extension outlined in blue.		
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Section 27: N/2		

CASE NO. 7260 (u) EXTNESION OF AN EXISTING OIL POOL COUNTY Eddy POOL East Empire-Yates SR

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CASE NO. 7260 (V) EXTENSION OF AN EXISTING GAS POOL

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CASE NO. 7260

LEA

(w) EXTENSION OF AN EXISTING GAS POOL

SOUTH KEMNITZ-ATOKA-MORROW GAS

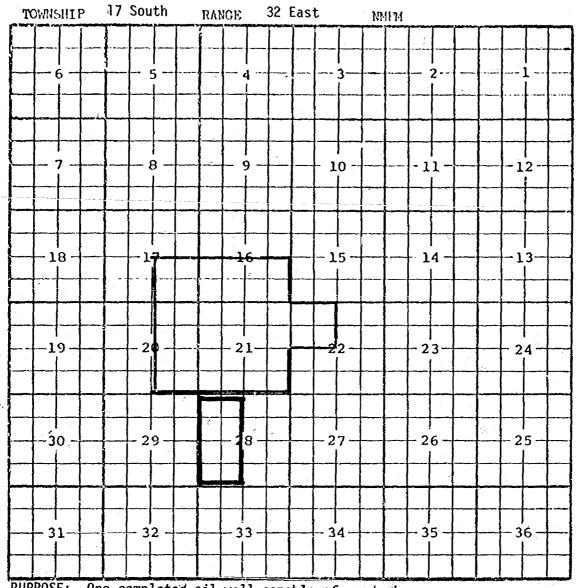
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PURPOSE: On	e completed	gas well capable of producing.	
Tenneco 0il	Company Stat	te LF-30 Well #1-H in Sec. 30, T16S,R34E, co	mpleted
March 9, 198	l, in the At	toka/Morrow formation with top perf at 12,68	6'
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roposed poo	l extension	outlined in green. SECTION 30: E/2	
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CASE NO. 7260 (x) EXTENSION OF AN EXISTING GAS POOL COUNTY Eddy POOL North McMillan-Morrow Gas

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Section 21: S/2

CASE NO. 7260 (y) EXTENSION OF AN EXISTING OIL POOL
COUNTY LEA FOOL MALJAMAR-STRAWN
TOWNSHIP 17 South RANGE 32 East NMFM



PURPOSE: One completed oil well capable of producing.

Amoco Production Company, Federal BI Well #1-N in Sec. 28, T17S, R32E,

completed March 18, 1981, in the Strawn formation. Top perf 11,634 ft.

Pool bou	ndary	outlin	ed in r	ed.					
Proposed	pool	extens	ion out	lined i	n green.	SECTION	28:	1/2	
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CASE NO. 7260 (z) EXTENSION OF AN EXISTING GAS POOL
COUNTY Eddy POOL Malaga-Morrow Gas

COUNTY LUGY	rout, r	<u>lalaga-Morrow (</u>	uas .	
TOWNSHIP 24S	RANGE	28E 1	MHM	
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18	16	15		13
19	21	22	23	24
30 - 29 -	28	27	26	25
31 32	33	34	35	36
32		3.7	33	
Purpose: Two completed	gas wells ca	ipable of produ	ucing.	
<u>Derator</u> Lea	se#8	ult. S.T.R.	Comp.	Form TOP
minoi? USA, Inc. Kir	kes #1	-J 10-24-28	3-21-81	Morrow 12312
Maddox Energy Corp. Far	l Guitar #1	-G 23-24-28	3-18-81	Morrow 12499'
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roposed extension outlin		4		
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CASE NO. 7260 (aa) EXTENSION OF AN EXISTING OIL POOL

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completed o	oil wel	ls capat	ole of pi	roducing.	The state of the state of	1	
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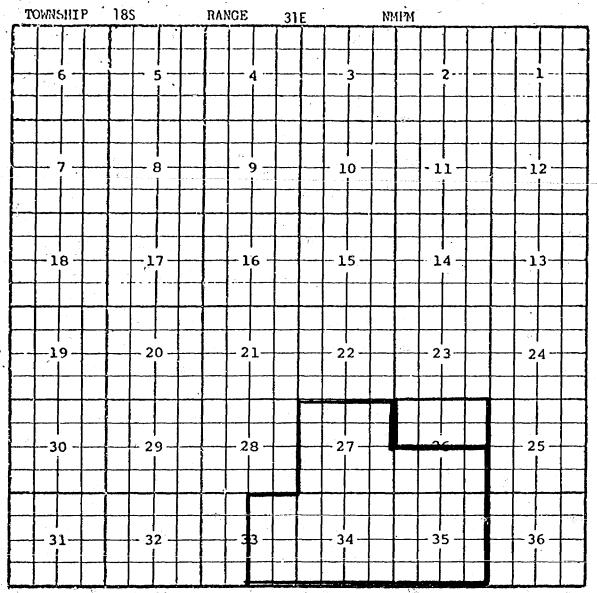
Enserch Expl. Inc. Amoco State Well #3-E in Sec. 16, T4S,R33E, completed Feb. 15; 1981, in the Pennsylvanian formation. Top perf 7834 ft.

			**
	Pool boundary outlined in red.		ζ
	Proposed pool extension outlined in green.	SECTION 17:	SE/4
Addition		SECTION 16:	NW/4
	Section 2 Control of the Control of		
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CASE NO. 7260 (bb) EXTENSION OF AN EXISTING GAS POOL

COUNTY	LEA	POOL SO	UTH SALT LA	KE-MORROW GAS	
TOWNSHIP	21 South	RANGE 32	East	NMPM	
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DUDDOCT					
PURPOSE: Perry R. B	une complet ass C.A. Lo	ed gas well c omis Fed Well	apable of p	oroducing.	2E, completed
				perf 13,672	
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CASE NO. 7260 (cc)CONTRACTION OF VERTICAL LIMITS AND REDESIGNATION OF AN EXISTING GAS POOL COUNTY Eddy POOL Shugart-Pennsylvanian Gas Pool to Shugart-Morrow Gas Pool



Purpose: Redesignation of the Shugart-Pennsylvanina Gas Pool to the Shugart-Morrow Gas Pool, in order to correctly reflect the producing interval in said pool, and one completed gas well capable of producing.

Operator	Lease	_#&Ut		Comp	- Form.	TOP
Amoco Prod. Co.	Greenwood Pre-Grayburg	1-C	26-18-31	11-2-80	Morrow	
and the second second	Ut. Fed. D Com		*			
Pool boundary ou	tlined in red.				5, A	
Proposed extensi	on outlined in blue.		·			
	Séction 26: N/2					

TOWNSHIP	18\$	RANGE	31E	NMPM	
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					<del></del>
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18	17	16	- 15	14-	13
10	20	21.	22	23	24
-30 -	29	28	27	26	25
	11			- - <u> -</u>  -	
31	32 -	33	34	35 -	36
31	32				30
Purposo: Tur	complete	d: 020 vol10	canable of pr		

Purpose: Two completed gas wells capable of producing.

Operator	Lease	#&Ut.	S,T,R,	Comp.	Form,	TOP
Holly Energy Inc.	Roche Fed.	2.1	7-18-31	3-15-81	Morrow-	11498
11 11 16	Canadian Kenwoo	d 1-F	18-18-31	12 -2-80	Morrow	11730
	18 Federal					
Pool boundary out	tlined in red.				•	
88 T T T T T T T T T T T T T T T T T T	:			z., <u>\$</u> :		
Proposed extension	on outlined in blu	е.				•
	Section 7: E/2	-				
	Section 18: ALL		·			

CASE NO. 7260 (ee) EXTENSION OF AN EXISTING OIL POOL

TOWNSHIP 20 South RANCK 38 East NMIM	country	LEA	TOOL EAS	T WEIR	-BLINEBRY		Series of the August Series of the Series of
18	TOWNSHIP	20 South	RANGE 38	East	NMIM	•	
7 8 9 1011 -12							
77 88 9 101112					3	2	1
PURPOSE: Two completed oil wells capable of producing.  Morris R. Antweil Albert Well #1-B in Sec. 8, T20S, R38E, completed Sept.  1980, in the Blinebry formation. Top perf 5974 feet.  Famarack Pet. Co. Inc. Depew Well #1-E in Sec. 9, T20S, R38E, completed Name of the Blinebry formation. Top perf 6036 feet.						<u> </u>  _	
PURPOSE: Two completed oil wells capable of producing.  formis R. Antweil Albert Well #1-B in Sec. 8, T20S, R38E, completed Sept.  [980, in the Blinebry formation. Top perf 5974 feet.  [amarack Pet. Co. Inc. Depew Well #1-E in Sec. 9, T20S, R38E, completed New York Pet. Pet. Pet. Pet. Pet. Pet. Pet. Pet.							
18 - 17 - 16 - 15 - 14 - 13 - 13 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 25 - 25 - 25 - 26 - 25 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 25 - 26 - 26							
PURPOSE: Two completed oil wells capable of producing.  formis R. Antweil Albert Well #1-B in Sec. 8, T20S, R38E, completed Sept.  Tamarack Pet. Co. Inc. Depew Well #1-E in Sec. 9, T20S, R38E, completed Name of the Blinebry formation. Top perf 5974 feet.  Tool boundary outlined in red.		8	9_		- 10	-11	
PURPOSE: Two completed oil wells capable of producing.  For is R. Antweil Albert Well #1-B in Sec. 8, T20S, R38E, completed Sept.  Separate Pet. Co. Inc. Depew Well #1-E in Sec. 9, T20S, R38E, completed New Years of the Blinebry formation. Top perf 5974 feet.  Separate Pet. Co. Inc. Depew Well #1-E in Sec. 9, T20S, R38E, completed New Years of the Blinebry formation. Top perf 6036 feet.							
19 - 20 - 21 - 22 - 23 - 24 - 25 - 25 - 25 - 25 - 25 - 25 - 25			<del></del>				
19 - 20 - 21 - 22 - 23 - 24 - 25 - 25 - 25 - 25 - 25 - 25 - 25	-}}-						
PURPOSE: Two completed oil wells capable of producing.  Borris R. Antweil Albert Well #1-B in Sec. 8, T20S, R38E, completed Sept.  980, in the Blinebry formation. Top perf 5974 feet.  Tamarack Pet. Co. Inc. Depew Well #1-E in Sec. 9, T20S, R38E, completed New 1980 in the Blinebry formation. Top perf 6036 feet.	18	17-	16 -		- 15 -	14-	13-
PURPOSE: Two completed oil wells capable of producing.  Borris R. Antweil Albert Well #1-B in Sec. 8, T2OS, R38E, completed Sept.  980, in the Blinebry formation. Top perf 5974 feet.  amarack Pet. Co. Inc. Depew Well #1-E in Sec. 9, T2OS, R38E, completed No.  980 in the Blinebry formation. Top perf 6036 feet.			<b>┨</b>				
URPOSE: Two completed oil wells capable of producing.  For is R. Antweil Albert Well #1-B in Sec. 8, T2OS, R38E, completed Sept.  980, in the Blinebry formation. Top perf 5974 feet.  amarack Pet. Co. Inc. Depew Well #1-E in Sec. 9, T2OS, R38E, completed No.  980 in the Blinebry formation. Top perf 6036 feet.						<del> </del>	
PURPOSE: Two completed oil wells capable of producing.  Borris R. Antweil Albert Well #1-B in Sec. 8, T2OS, R38E, completed Sept.  980, in the Blinebry formation. Top perf 5974 feet.  amarack Pet. Co. Inc. Depew Well #1-E in Sec. 9, T2OS, R38E, completed No.  980 in the Blinebry formation. Top perf 6036 feet.		-{	╂╼┼╌┼				
PURPOSE: Two completed oil wells capable of producing.  Morris R. Antweil Albert Well #1-B in Sec. 8, T20S, R38E, completed Sept.  1980, in the Blinebry formation. Top perf 5974 feet.  1980 in the Blinebry formation. Top perf 6036 feet.  1980 in the Blinebry formation. Top perf 6036 feet.	19-		21-		22	23	
PURPOSE: Two completed oil wells capable of producing.  Borris R. Antweil Albert Well #1-B in Sec. 8, T20S, R38E, completed Sept.  980, in the Blinebry formation. Top perf 5974 feet.  amarack Pet. Co. Inc. Depew Well #1-E in Sec. 9, T20S, R38E, completed No.  980 in the Blinebry formation. Top perf 6036 feet.  ool boundary outlined in red.							11
PURPOSE: Two completed oil wells capable of producing.  Borris R. Antweil Albert Well #1-B in Sec. 8, T20S, R38E, completed Sept.  980, in the Blinebry formation. Top perf 5974 feet.  amarack Pet. Co. Inc. Depew Well #1-E in Sec. 9, T20S, R38E, completed No.  980 in the Blinebry formation. Top perf 6036 feet.  ool boundary outlined in red.			-			<del>                                     </del>	
PURPOSE: Two completed oil wells capable of producing.  Norris R. Antweil Albert Well #1-B in Sec. 8, T20S, R38E, completed Sept.  980, in the Blinebry formation. Top perf 5974 feet.  Tamarack Pet. Co. Inc. Depew Well #1-E in Sec. 9, T20S, R38E, completed No.  980 in the Blinebry formation. Top perf 6036 feet.	<del>-  </del>						
PURPOSE: Two completed oil wells capable of producing.  Morris R. Antweil Albert Well #1-B in Sec. 8, T20S, R38E, completed Sept.  980, in the Blinebry formation. Top perf 5974 feet.  Tamarack Pet. Co. Inc. Depew Well #1-E in Sec. 9, T20S, R38E, completed Name of the Blinebry formation. Top perf 6036 feet.  Tool boundary outlined in red.	30		28		- 27	26	25
PURPOSE: Two completed oil wells capable of producing.  Morris R. Antweil Albert Well #1-B in Sec. 8, T20S, R38E, completed Sept.  980, in the Blinebry formation. Top perf 5974 feet.  Tamarack Pet. Co. Inc. Depew Well #1-E in Sec. 9, T20S, R38E, completed Name of the Blinebry formation. Top perf 6036 feet.  Tool boundary outlined in red.					,		
PURPOSE: Two completed oil wells capable of producing.  Morris R. Antweil Albert Well #1-B in Sec. 8, T20S, R38E, completed Sept.  980, in the Blinebry formation. Top perf 5974 feet.  Tamarack Pet. Co. Inc. Depew Well #1-E in Sec. 9, T20S, R38E, completed Name of the Blinebry formation. Top perf 6036 feet.  980 in the Blinebry formation. Top perf 6036 feet.	+						
PURPOSE: Two completed oil wells capable of producing.  Morris R. Antweil Albert Well #1-B in Sec. 8, T20S, R38E, completed Sept.  980, in the Blinebry formation. Top perf 5974 feet.  Tamarack Pet. Co. Inc. Depew Well #1-E in Sec. 9, T20S, R38E, completed Name of the Blinebry formation. Top perf 6036 feet.  Tool boundary outlined in red.							
PURPOSE: Two completed oil wells capable of producing.  Morris R. Antweil Albert Well #1-B in Sec. 8, T20S, R38E, completed Sept.  980, in the Blinebry formation. Top perf 5974 feet.  amarack Pet. Co. Inc. Depew Well #1-E in Sec. 9, T20S, R38E, completed Name of the Blinebry formation. Top perf 6036 feet.  980 in the Blinebry formation. Top perf 6036 feet.	+ 31-+	32	33		- 34	35	36
forris R. Antweil Albert Well #1-B in Sec. 8, T20S, R38E, completed Sept. 980, in the Blinebry formation. Top perf 5974 feet.  amarack Pet. Co. Inc. Depew Well #1-E in Sec. 9, T20S, R38E, completed No. 980 in the Blinebry formation. Top perf 6036 feet.	++++						
Morris R. Antweil Albert Well #1-B in Sec. 8, T20S, R38E, completed Sept. 980, in the Blinebry formation. Top perf 5974 feet.  Tamarack Pet. Co. Inc. Depew Well #1-E in Sec. 9, T20S, R38E, completed No. 100 perf 6036 feet.  Top perf 6036 feet.	IRPOSE:	Two completed	oil walls	canabl	o of produci	na	
980, in the Blinebry formation. Top perf 5974 feet.  amarack Pet. Co. Inc. Depew Well #1-E in Sec. 9, T20S, R38E, completed No. 100 perf 6036 feet.  ool boundary outlined in red.							leted Sept. 29
amarack Pet. Co. Inc. Depew Well #1-E in Sec. 9, T20S, R38E, completed No. 980 in the Blinebry formation. Top perf 6036 feet.  Ool boundary outlined in red.							and the second
980 in the Blinebry formation. Top perf 6036 feet.  9001 boundary outlined in red.							completed Nov.
ool boundary outlined in red.							
					*		
	ol bound	ary outlined in	n red.				
roposed pool extension outlined in green. SECTION 7: N/2 N/2	roposed p	ool extension	outlined i	n gree	n. SECTION	7: N/2 N/	2
SECTION 8: N/2 N/2					SECTION		
SECTION 9: W/2 NW/4					SECTION	9: W/2 NW	/4

- CASE 7260: In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating, abolishing, contracting vertical limits, and extending horizontal limits of certain pools in Eddy, Lea, and Roosevelt Counties, New Mexico:
  - (a) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the West Antelope Ridge-Atoka Gas Pool. The discovery well is Monsanto Company Back Basin Well No. 1 located in Unit I of Section 20, Township 23 South, Range 34 East, NMPM. Said pool would comprise:

## TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPH Section 20: E/2

(b) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Strawn production and designated as the Antelope Ridge-Strawn Cas Pool. The discovery well is Estoril Production Corporation Curry Federal Well No. 1 located in Unit I of Section 22, Township 23 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM Section 15: S/2
Section 22: All

(c) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Montoya production and designated as the Fowler-Montoya Pool. The discovery well is Gulf Oil Corporation Lillie Well No. 1 located in Unit D of Section 23, Township 24 South, Range 37 East, NMPM. Said pool would comprise:

# TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPH Section 23: NW/4

(d) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the Grama Ridge-Atoka Gas Pool. The discovery well is Minerals, Inc. Llano 33 State Well No. 1 located in Unit J of Section 33, Township 21 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NHPM Section 33: S/2

(e) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the McMillan-Wolfcamp Gas Pool. The discovery well is Marbob Energy Corporation State CJ Com Well No. 1 located in Unit G of Section 24, Township 20 South, Range 26 East, NMPM. Said pool would comprise:

#### TOWNSHIP 20 SOUTH, RANGE 26 EAST, NMPM Section 24: N/2

(f) CREATE a new pool in Les County, New Mexico, classified as an oil pool for Bone Spring production and designated as the North Osudo-Bone Spring Pool. The discovery well is Jake L. Hamon Hamon-Samedan-Petty Well No. 1 located in Unit N of Section 8, Township 20 South, Range 36 East, NMPM. Said pool would comprise:

## TOWNSHIP 20 SOUTH, RANGE 36 EAST, NMPM Section 8: SW/4

(g) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the West Palmillo-Wolfcamp Pool. The discovery well is Bass Enterprises Production Company Palmillo State Well No. 1 located in Unit J of Section 1, Township 19 South, Range 28 East, NMPM. Said pool would comprise:

# TOWNSHIP 19 SOUTH, RANGE 28 EAST, NHPM Section 1: NW/4 SE/4

(h) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Scoggin Braw-Atoka Gas Pool. The discovery well is Amoco Production Company Federal F Gas Com Well No. 1 located in Unit C of Section 3, Township 18 South, Range 27 East, NMPM. Said pool would comprise:

# TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM Section 3: E/2

(i) CREATE a new pool in Roosevelt County, New Mexico, classified as an oil pool for Cisco production and designated as the East Tanneyhill-Cisco Pool. The discovery well is Energy Reserves Group, Inc. El Paso State Well No. 1 located in Unit P of Section 8, Township 6 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 6 SOUTH, RANGE 34 EAST, NMPM

Section 8: SEZZ

(j) ABOLISH the Carlsbad-Canyon Cas Pool in Eddy County, New Hexico, described as: (acreage to be added to East Carlsbad-Wolfcamp Cas Pool)

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM Section 21: S/2

(k) ABOLISH the Carlsbad Permo-Pennsylvanian Gas Pool in Eddy County, New Mexico, described as: (acreage to be added to East Carlsbad-Wolfcamp Gas Pool)

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM Section 15: All

(1) EXTEND the Baldridge Canyon-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 24 EAST, NMPM Section 36: S/2

TOWNSHIP 23 SOUTH, RANGE 25 EAST, NMPM Section 31: S/2

TOWNSHIP 24 SOUTH, RANGE 24 EAST, NMPM Section 1: E/2 Section 12: E/2

TOWNSHIP 24 SOUTH, RANGE 25 EAST, NMPM Section 6: W/2 Section 7: N/2

(m) EXTEND the Baum-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM Section 30: SE/4

TO BE DISMISSED DUE TO ERROR IN ADVERTISING (n) EXTEND the Bull's Eye-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 28 EAST, NMPM Section 12: N/2 SE/4

TOWNSHIP 8 SOUTH, RANGE 29 EAST, NMPM Section 7: NW/4 SW/4

(c) EXTEND the North Caprock-Mississippian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 12 SOUTH, RANGE 32 EAST, NMPM Section 5: SE/4

(p) EXTEND the East Carlsbad-Wolfcamp Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM Section 14: N/2 Section 15: All Section 16: E/2 Section 20: E/2

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

TOWNSHIP 20 SOUTH, RANGE 26 EAST, NMPM Section 33: E/2

(r) EXTEND the Comanche Stateline Tansill-Yates-Seven Rivers-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 26 SOUTH, RANGE 36 EAST, NORTH Section 20: E/2 NE/4

(s) EXTEND the Diamond Mound-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM Section 6: S/2

(t) EXTEND the Dublin Ranch-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NOPM Section 22: S/2 Section 27: N/2

Section 21: All

(u) EXTEND the East Empire Yates-Seven Rivers Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPH Section 23: NW/4 SW/4

(v) EXTEND the Hare-San Andres Gas Pool in Lea County, New Mexico, to include therein:

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

(w) EXTEND the South Kermitz Atoka-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM Section 30: E/2

(x) EXTEND the North McMillan-Morrow Gas Pool in Fddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 27 EAST, NMPH Section 21: S/2

(y) EXTEND the Haljamar-Strawn Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM Section 28: W/2

(2) EXTEND the Malaga-Morrow Cas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NHPH Section 10: S/2 Section 23: N/2

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

TOWNSHIP 4 SOUTH, RANGE 33 EAST, NMPM Section 17: SE/4
Section 16: NW/4

Addition

(bb) EXTEND the South Salt Lake-Morrow Gas Pool in Les County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPM Section 5: Lots 1, 2, 3, 4, 5, 6, 7, and 8

(cc) CONTRACT the vertical limits of the Shugart-Pennsylvanian Cas Pool to include the Morrow formation only and redesignate said pool as Shugart-Morrow Gas Pool, and extend the horizontal limits of said pool to include therein:

> TOWNSHIP 18 SOUTH, RANGE 31 EAST, NYPM Section 26: N/2

(dd) EXTEND the North Shugart-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPH Section 7: E/2 Section 18: All

(EX) EXTEND the East Weir-Blinebry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM Section 7: N/2 N/2

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

(i) CREATE a new pool in Roosevert county, and designated as the East Tanneyhill-Cisco Pool. The discovery well is El Paso State Well No. 1 located in Unit P of Section 8, Township 6 South, Range 34 East, NHPM. Salu pool would comprise:

#### NEW POOLS

It is recommended that a new GAS pool be created and designated
as the WEST ANTELOPE RIDGE-ATOKA GAS Pool.
Vertical limits to be theATOKAformation and the
horizontal limits should be as follows: As shown in Paragraph (a) Exhibit I
Discovery well was Monsanto Company Back Basin Well #1
located in Unit I Section 20 Township 23 Range 34 and was completed on
Feb. 15, 1981 . Top of perforations is at 12,620 feet.
It is recommended that a new GAS pool be created and designated as the ANTELOPE RIDGE-STRAWN GAS Pool.
Vertical limits to be the STRAWN formation and the
horizontal limits should be as follows: As shown in Paragraph (b) Exhibit I
Discovery well was Estoril Prod. Corp. Curry Federal Well #1
located in Unit I Section 22 Township 23 Range 34 and was completed on
Jan.13, 1981 . Top of perforations is at 12,049 feet.
It is recommended that a new OIL pool be created and designated as the FOWLER-MONTOYA Pool.
Vertical limits to be the MONTOYA formation and the
horizontal limits should be as follows: As shown in Paragraph (c) Exhibit I
Discovery well was Gulf Oil Corporation Lillie #1
located in Unit D Section 23 Township 24 Range 37 and was completed on
Top of perforations is atfeet.

# New Pools

18 recommended
It is recommended that a new GAS pool be created and designated  Wertical limits to be the ATOMA  ATOMA
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horizated Pool.
Vertical limits to be the Pool.  horizontal limits should be
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As shown in D. and the
Located in Unstall Inc. 13 Paragraph (d) Full
horizontal limits to be the ATOKA formation and the Discovery well was Minerals, Inc. Llano 33 State #1  March 13, 1981  Top of perforations is at 12,851  Inc. Llano 33 State #1  Top of perforations is at 12,851
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It is completed on
Top of perforations is at 12,851 feet.  as the McMILLAN-WOLFCARD GAS
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as the McMILLAN-WOLFCAMP GAS  Vertical limits to be the Molecular Pool.  horizontal
and a
Vertical limits to be the WOLFCAMP  horizontal limits should be as follows: As shown in Paragraph (e) Exhibit I  located in Unit G Section 24 Towns 1000 Pool be created and designated MOLFCAMP  WOLFCAMP  formation and the Exhibit I
Thirts should be so of the sound of the soun
Discovery Well as inclows: As shown in the formation and the
Discovery well was Marbob Energy Corp. State CJ Com Well #1  November 19, 1980  Movember 19, 1980  Movember 19, 1980  Movember 19, 1980  Formation and the formation and the Exhibit I
November 1 Unit G Section 24 Section 24 Section 24
Top of and
Located in Unit G Section 24 Township 20 Range 26 and was completed on  It is recommended that a new OIL  As shown in Paragraph (e) Exhibit I  November 19, 1980  Top of perforations is at 7867 feet.  As the NORTH OSUDO-BONE SPRING  Pool.  Pool.  Pool.
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as the NORTH OSUM PAR LINET a new OIL
as the NORTH OSUDO-BONE SPRING Pool be created and vertices.
Vertical limits to be the BONE SPRING  Pool.  horizontal limits should a
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Limite
Discovery De as follows. As show formation
locate well was Jake L. Hame in Paragraph (a)
horizontal limits should be as follows: As shown in Paragraph (f) Exhibit I  January 10 Section 8
Discovery well was Jake L. Hamon Hamon-Samedan Petty Well #1  January 19, 1981  Township 20  Discovery Well #1
January 19, 1981  Top of powers  As shown in Paragraph (f) Exhibit I  As shown in Paragraph (f) Exhibit I  Bection 8 Township 20 Range 36 and walk
Perrorate "do Compla"
orations is at 8233
feet.

#### NEW POOLS

It is recommended that a new orc pool be created and designated
as the WEST PALMILLO-WOLFCAMP Pool.
Vertical limits to be the WOLFCAMP formation and the
horizontal limits should be as follows: As shown in Paragraph (g) Exhibit I
Discovery well was Bass Enterprises Prod. Co. Palmillo State Well #1
located in Unit J Section 1 Township 19 Range 28 and was completed on
June 11, 1980 . Top of perforations is at 8693. feet.
It is recommended that a new GAS pool be created and designated as the SCOGGIN DRAW-ATOKA GAS Pool.
Vertical limits to be the ATOKA formation and the
horizontal limits should be as follows: As shown in Paragraph (h) Exhibit I
Discovery well was Amoco Production Co. Federal F Gas Com Well #1
located in Unit G Section 3 Township 18 Range 27 and was completed on February 25, 1980 . Top of perforations is at 9344 feet.
It is recommended that a new OIL pool be created and designated as the EAST TANNEYRILL-CISCO Pool.
Vertical limits to be the CISCO formation and the
horizontal limits should be as follows: As shown in Paragraph (i) Exhibit I
Discovery well was Energy Reserves Group, Inc. El Paso State Well #1
located in Unit P Section 8 Township 6 Range 34 and was completed on January 20, 1981 . Top of perforations is at 7679 feet.

#### NEW POOLS

It is recommended that a new OIL pool be created and designated
as the WEST PALMILLO-WOLFCAMP Pool.
Vertical limits to be the WOLFCAMP formation and the
horizontal limits should be as follows: As shown in Paragraph (g) Exhibit I
Discovery well was Bass Enterprises Prod. Co. Palmillo State Well #1
located in Unit J Section 1 Township 19 Range 28 and was completed on
June 11, 1980 . Top of perforations is at 8693. feet.
It is recommended that a new GAS pool be created and designated as the SCOGGIN DRAW-ATOKA GAS Pool.
Vertical limits to be the ATOKA formation and the
horizontal limits should be as follows: As shown in Paragraph (h) Exhibit I
Discovery well was Amoco Production Co. Federal F Gas Com Well #1
located in Unit G Section 3 Township 18 Range 27 and was completed on February 25, 1980 . Top of perforations is at 9344 feet.  It is recommended that a new OIL pool be created and designated
as the EAST TANNEYHILL-CISCO Pool.
Vertical limits to be the formation and the
horizontal limits should be as follows: As shown in Paragraph (i) Exhibit I
Discovery well was Energy Reserves Group, Inc. El Paso State Well #1
located in Unit ^P Section ⁸ Township ⁶ Range ³⁴ and was completed on January 20, 1981 . Top of perforations is at ⁷⁶⁷⁹ feet.

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(c) CREATION OF A NEW OIL POOL CASE NO. 7260 FOOT, FOWLER-MONTOYA LEA COUNTY

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DISCOVERY WELL: Gulf Oil Corporation Lillie Well #1-D in Sec. 23, T245,R37E, completed Oct. 30, 1980, in the Montoya formation. Top perforation 8,664 feet.

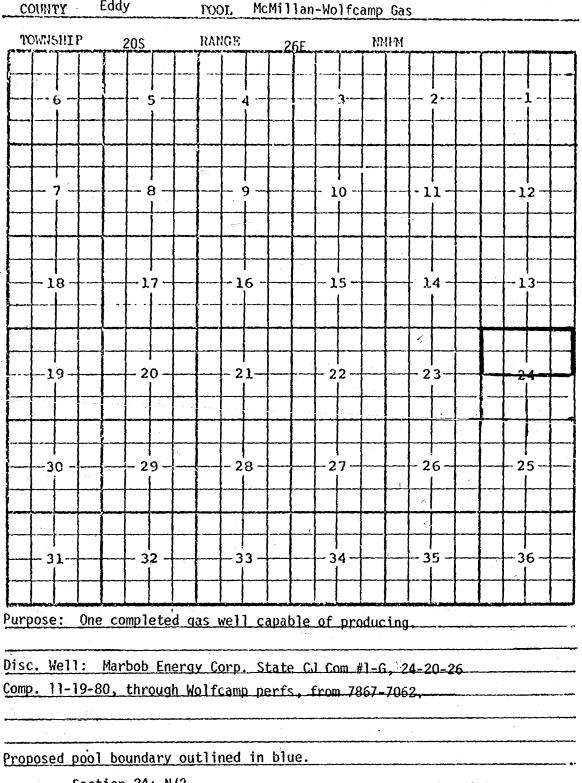
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CASE NO. 7260

(d) CREATION OF A NEW GAS POOL

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CASE NO. 7260 (e) CREATION OF A NEW GAS POOL COUNTY -



Section 24: N/2

(f) CREATION OF A NEW OIL POOL

COUNTY LEA POOL NORTH OSUDO-BONE SPRING

TOWNSHIP	20 South	RANGE	36 East	NMPM	
6-	5			3	1
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31	32	33	3	- 34 35 -	36

PURPOSE: One completed oil well capable of producing.

DISCOVERY WELL: Jake L. Hamon, Hamon-Samedan Petty #1-N in Sec. 8, T20S, R36E, completed January 19, 1981, in the Bone Spring formation. Top perf 8233 ft.

Proposed	pool	boundar	y outli	ned i	n red.	SECTI	ON 8:	SW/4			
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CASE NO. 7260 (g) CREATION OF A NEW OIL POOL
COUNTY FADV POOL West Palmillo-Wolf

COUNTY F	ddy	POOL	<u>West Pa</u>	lmillo-Wo	lfcamp Pool	······································
TOWNSHIP	198	RANGE	28E	M	1PM	
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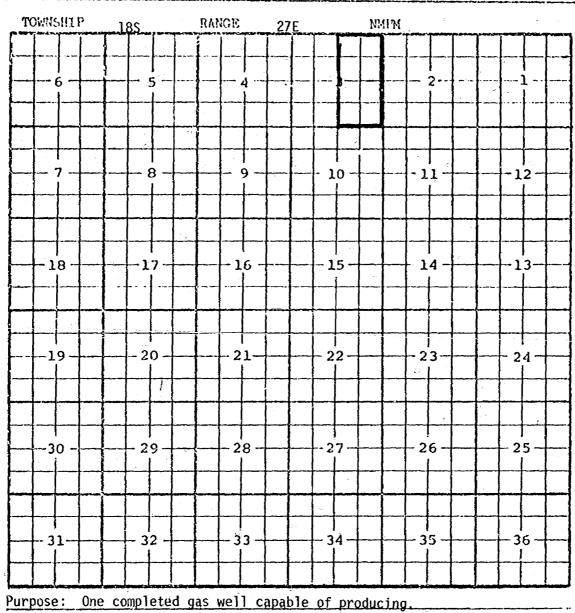
Disc. Well: Bass Enterprises Prod. Co. Palmillo St. #1-J. 1-19-28

Completed 6-11-80, through Wolfcamp perfs 8693-8795'

Proposed pool boundary outlined in blue.

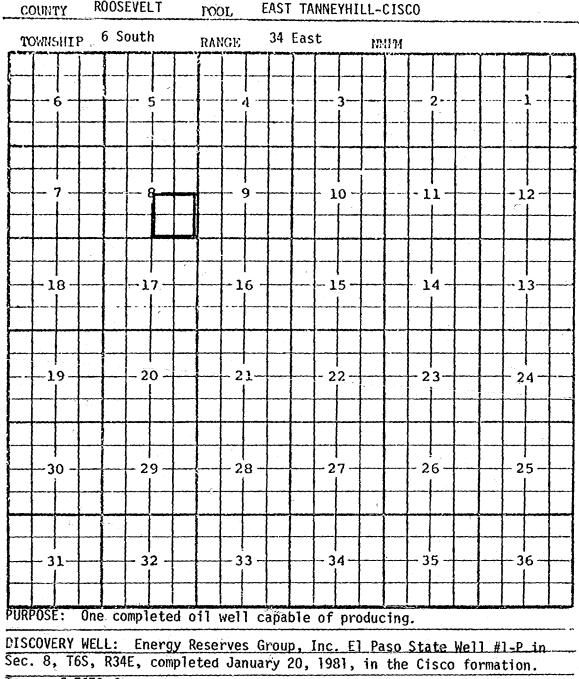
Section 1: NW/4 SE/4

CASE NO. 7260 (h) CREATION OF A NEW GAS POOL
COUNTY Eddy POOL Scoggin Draw-Atoka Gas COUNTY



Disc. well: Amoco Prod. Co. Federal F	Gas Com #1-G, 3-18-27
Comp. 2-25-80, through Atoka perfs, 934	
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Proposed pool boundary outlined in blue	
Section 3: E/2	
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CASE NO. 7260 (i) CREATION OF A NEW OIL POOL ROOSEVELT



Top perf 7679 ft.

Proposed pool	boundary outli	ned in red.	SECTION 8:	SE/4	
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CASE NO. 7260 (j) ABOLISHMENT OF AN EXISTING GAS POOL

COUNTY	Eddy	POOL, C	arlsbad-Car	nyon Gas	
TOWNSHIP	225	RANGE	27E	NMIM	
6-	5	4	3-	2	1
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18	17	16	15		
19	20	31	22		
30	29	28	27		
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Proposed abo	Section 2 Nishment ha	1; \$/2	lue		4

CASE NO. 7260 (k) ABOLISHMENT OF AN EXISTING GAS POOL

COUNTY	Eddy	POOL	Carls	bad-Pe	ermo-	-Pen	nys.	Lvani	na (Gas.	Pool.	
TOWNSHIP	225	RANGÉ	27E	·		NMI	M	MOverythete/~Ar	-		·	***************************************
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Purpose: Al	oolish the Ca	rlsbad-P	ermo-P	enn.	Gas_	Pool				ابسیما		
	to be inclu											
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Pool boundar	y outlined in	red.	············									
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Proposed abo	olishment hack							<u> </u>				41
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CASE NO. 7260 (1) EXTENSION OF AN EXISTING GAS POOL (page 1 of 4 pages)

COUNTY Eddy POOL Baldridge Canyon-Morrow Gas

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31	32	33 -	34-	35	36
Pumpasa: Ei					

Purpose: Five completed gas wells capable of producing.

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11	11	11	St.IB	Com	#1-N	31-23-25	12-13-80	H	- 10496 1
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11	11	1)	St.HK	Com	#1-L	6-24-25	2 -5-80	· II	<u>10640'</u>
11	11	1)	St.IC	Com	#1-C	7-24-25	7-30-80	11	108301

Pool boundary outlined in red,

Proposed extensions outlined in Blue.

Section 36: S/2

CASE NO. 7260 (1) EXTENSION OF AN EXISTING GAS POOL Contd. (Page 2 of 4 pages)

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Purpose:	See E	xhit	it	I.															:-	
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Pool bound	dawy o	1	inad	l in	Po	<u></u>														
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Proposed (extens	ion																		•
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CASE NO. 7260 (1) EXTENSION OF AN EXISTING GAS POOL Contd. (Page 3 of 4 Pages)

COUNTY	Eddy	POOL	aldridge Canyon-Horr	TOW GROS	2
	245	RANGE	24E NMPM		
Pool b	e: See Exhi	bit I. Lined in R section Section	1		

CASE NO. 7260 (1) EXTENSION OF AN EXISTING GAS POOL Contd. Page 4 of 4 pages

COUNTY	Eddy	roor E	Baldridge	Canyo	n-Morrow	ı Gas		
TOWNSHIP	245	RÂNGE	25E	•	NHIM		·	
TOWNSHIP1930	245	RANGE - 4		10-		23	2	5
Purpose: Si Pool bounda Proposed ex	tension ou Se	d in Red.	/2					
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CASE NO.7260 (n) EXTENSION OF AN EXISTING OIL POOL Contd.)Page 2 of 2 pages)

COUNTY	Chaves	NOOL	Bull's Eye-	San Andres	
TOWNSHI	P 8S	RANGE	29E	NMPM	
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30 -	29-	28		26-	25
					
31-	32	33	34	35 -	36
Purpose:	See Exhibit I				
	7.00				

TO BE DISMISSED DUE TO ERROR IN ADVERTISING.

Pool boundary outlined in red.

Proposed extension outlined in Blue.

Section 7: NW/4 SW/4

CASE NO. 7260 (n) EXTENSION OF AN EXISTING OIL POOL COUNTY Chaves FOOL Bull's Eye-San Andres

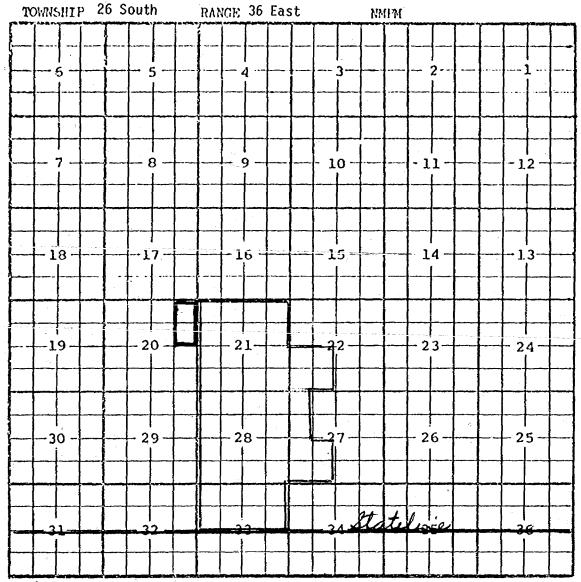
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COUNTY	LEA	POOL NORT	H CAPROCK	-MISSISSIPPIAN	
TOWNSHIP	12 South	RANGE 32	East	MIMI	
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31-	32	33	34-	35	36
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PURPOSE: Or	ne completed	oil well can	able of my	enducina	
Morris R. Ar	ntweil Lucky	Larry Well #	1 located	in Unit O. Se	c. 5, T12S, R32E,
completed Ju	ine 25, 1980,	in the Miss	issippian	formation. To	op perf 11,112 ft.
Pool boundar	y outlined i	n red			-
	<u></u>		argen SEC	CTIÓN 5: SE/4	
·	- CAUCIIS IOII	VACINED III.	Areen ser	11UN 9: SE/4	
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CASE NO. 7260 (q) EXTENSION OF AN EXISTING GAS POOL

COUNTY	Eddy	PCOL	Catclaw Draw	w-Morrow Gas	
TOWNSHIP	208	RANGE	26E	NMPM *	
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7	8-		10]]] '	12
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19	20 -	21-	22-		24
-30	29-	28	27-	26-	25
31-	32	33	34=	35 -	36
	1-1-1-			2	
Purpose: On	e completed	gas well ca	pable of pr	oducina.	
			÷		
Operator Jake L. Hamo	Lease n Fed. 3	#&Ut. 3 1-I	\$.T.R. 32 -20-26	Comp.	Form, 10P
Jake E. Hallo	ii reu. 3.) -1	₹-20-26	2-10-81	Morrow 10021
Pool boundar	y outlined i	in red.	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · ·
Proposed ext	ension outli	ned in blue	- 		
	Secti	on 33: E/2			
					



PURPOSE: One completed oil well capable of producing.
BTA Oil Producers Lea 20 7426 JV-S #2-A in Sec. 20, T26S,R36E, completed
March 1, 1981, in the Tansill-Yates formation. Top perf 3176 ft.

roposed pool ext	tension outli	ned in green.	SECTION 20:	E/2 NE/4	
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CASE NO. 7260 (s) EXTENSION OF AN EXISTING GAS POOL

	COUNTY	EDDY	POOL [DIAMOND	MOUND-MORE	ROW GAS		
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-7 - 8 - 9 - 10 - 1112			4-	+	- 3	2	i	_
7 - 8 - 9 - 10 - 1112								
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-19 20 21 22 23 24						- - - - - - - - - - 		
-19 20 21 22 23 24	1 1 1		11:					
PURPOSE: One completed gas well capable of producing. PURPOSE: One completed gas well capable of producing. Purpose: May 1 Sample of producing. Purpose: May 1 Sample of producing. Purpose: One completed gas well capable of producing. Poperator Lease #&Ut Sample of producing. Pool boundary outlined in red		8	7 9		- 10	11	12	
-19 - 20 - 21 - 22 - 23 - 24 - 25 - 30 - 29 - 28 - 27 - 26 - 25 - 25 - 25 - 25 - 25 - 25 - 25				<u> </u>				
PURPOSE: One completed gas well capable of producing. PURPOSE: One completed gas well capable of producing. Purpose: May 1 Sample of producing. Purpose: May 1 Sample of producing. Purpose: One completed gas well capable of producing. Poperator Lease #&Ut Sample of producing. Pool boundary outlined in red		1111	1 1-1-	 		_ _ _	 	
PURPOSE: One completed gas well capable of producing. Operator LEASE #&Ut S-T-R COMP. FORM. Gulf Oil Corp. Callaway Fed 3-S 6-16-28 3-14-81 Morrow Pool boundary outlined in red	18	117-	16		15	14	13-	
PURPOSE: One completed gas well capable of producing. Operator LEASE #&Ut S-T-R COMP. FORM. Gulf Oil Corp. Callaway Fed 3-S 6-16-28 3-14-81 Morrow Pool boundary outlined in red								
PURPOSE: One completed gas well capable of producing. Operator LEASE #&Ut S-T-R COMP. FORM. Gulf Oil Corp. Callaway Fed 3-S 6-16-28 3-14-81 Morrow Pool boundary outlined in red			1-1-					
PURPOSE: One completed gas well capable of producing. Operator LEASE #&Ut S-T-R COMP. FORM. Gulf Oil Corp. Callaway Fed 3-S 6-16-28 3-14-81 Morrow Pool boundary outlined in red							 	
PURPOSE: One completed gas well capable of producing. Operator LEASE #&Ut S-T-R COMP. FORM. Gulf Oil Corp. Callaway Fed 3-S 6-16-28 3-14-81 Morrow Pool boundary outlined in red	19	1 20 1	21	11	22	23-	24	
PURPOSE: One completed gas well capable of producing. Operator LEASE #&Ut S-T-R COMP. FORM. Gulf Oil Corp. Callaway Fed 3-S 6-16-28 3-14-81 Morrow Pool boundary outlined in red								
PURPOSE: One completed gas well capable of producing. Operator LEASE #&Ut S-T-R COMP. FORM. Gulf Oil Corp. Callaway Fed 3-S 6-16-28 3-14-81 Morrow Pool boundary outlined in red								
PURPOSE: One completed gas well capable of producing. Operator LEASE #&Ut S-T-R COMP. FORM. Gulf Oil Corp. Callaway Fed 3-S 6-16-28 3-14-81 Morrow Pool boundary outlined in red	30	29	28	44-	27	26	25-	
PURPOSE: One completed gas well capable of producing. Operator LEASE #&Ut S-T-R COMP. FORM. Gulf Oil Corp. Callaway Fed 3-S 6-16-28 3-14-81 Morrow Pool boundary outlined in red			1-1-1				 	
PURPOSE: One completed gas well capable of producing. Operator LEASE #&Ut S-T-R COMP. FORM. Gulf Oil Corp. Callaway Fed 3-S 6-16-28 3-14-81 Morrow Pool boundary outlined in red				++-				
PURPOSE: One completed gas well capable of producing. Operator LEASE #&Ut S-T-R COMP. FORM. Gulf Oil Corp. Callaway Fed 3-S 6-16-28 3-14-81 Morrow Pool boundary outlined in red			+++				 	
Operator LEASE #&Ut S-T-R COMP. FORM. Gulf Oil Corp. Callaway Fed 3-S 6-16-28 3-14-81 Morrow Pool boundary outlined in red	31-	-+-+ 32 +	33	++-	34	35	36-	
Operator LEASE #&Ut S-T-R COMP. FORM. Gulf Oil Corp. Callaway Fed 3-S 6-16-28 3-14-81 Morrow Pool boundary outlined in red		1111						
Operator LEASE #&Ut S-T-R COMP. FORM. Gulf Oil Corp. Callaway Fed 3-S 6-16-28 3-14-81 Morrow Pool boundary outlined in red	PURPOSE:	One complet	ed gas we	11 capal	ble of pro	ducing.		
Gulf Oil Corp. Callaway Fed 3-S 6-16-28 3-14-81 Morrow Pool boundary outlined in red						20	· · · · · · · · · · · · · · · · · · ·	
Pool boundary outlined in red	Operator	LEA	SE	#&Ut	S-T-R	COMP.	FORM.	TOP
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CASE NO. 7260 (t) EXTENSION OF AN EXISTING GAS POOL

COUNTY E	ddy I	OOL Dubli	n Ranch-At	oka Gas		
YOWNSHIP 22	2S 1	RANGE 2	.8E	NMPM		
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	32	22	24	35 -	36	
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Purpose: One	completed gas	s well capa	ble of pro	ducing.		
Operator	Lease		S.T.R.			OP
Dinero Opr. Co	. Big Chi	ef 2-N	22-22-2	8 3-16-81	_Atoka	11417
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Proposed exten					1.7 	
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CASE NO. 7260 (u) EXTENSION OF AN EXISTING OIL POOL

COUNTY	Eddy	P	OOL	East		ire-		SR	·	-		
TOWNSHIP	178	R	ANGE		28E	-	NP	11M				
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Purpose:	One compl	eted oil	we11'	capal	ble	of p	roduc	ing.				
Operator		10200	#8	allt.	 د	T R		Comr		Form	т	
W.A.Moncri												
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Pool bounda	arv outli	ned in r	ad									
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Proposed ex	xtension o	outlined	in bl	ue.								
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CASE NO. 7260 (v) EXTENSION OF AN EXISTING GAS POOL

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CASE NO. 7260 (w) EXTENSION OF AN EXISTING GAS POOL

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CASE NO. 7260 (x) EXTENSION OF AN EXISTING GAS POOL

COUNTY	Eddy	POOL N	orth McMilla	in-Morrow Gas	5	
TOWNSHIE	² 198	RANGE	27E	NMPM		
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urpose:	one complet	ed gas well o	capable of p	roducing.		
perator		Lease	#&Ut.	S.T.R.	Comp. Form	
	Povalty Co			21-19-27		
क्तान्य । त	Royalty Co.	Fed. Com			-2-26-81 Morr	ow 991
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ool boun	dary outline	d in red.				 • <u>!</u>
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roposed		tlined in blu				
	Se	ction 31: S/2)			
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CASE NO. 7260

(y) EXTENSION OF AN EXISTING OIL POOL

COUNTY	LEA	LOOF	MALJA	MAR-STRAWN		- 	-	e e
YOWNSHIP	17 South	RANGE	32	East	NMFM			
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30 -	29	3-1-28	3	27	+++ ?	26	25	
31	32	3:	3	34-		35	-36-	
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PURPOSE: O	ne completed	oil wel	l capa	ble of pro	ducina.			
	ction Company					28, T17S	, R32E,	 : :
completed M	arch 18, 1981	, in th	e Stra	awn format	ion. Top	perf 11	634 ft.	
								
	ry outlined i							
Proposed poo	ol extension	outline	d in c	ireen. SEC	C110N 28	35 W/2		·
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CASE NO. 7260 (z) EXTENSION OF AN EXISTING GAS POOL

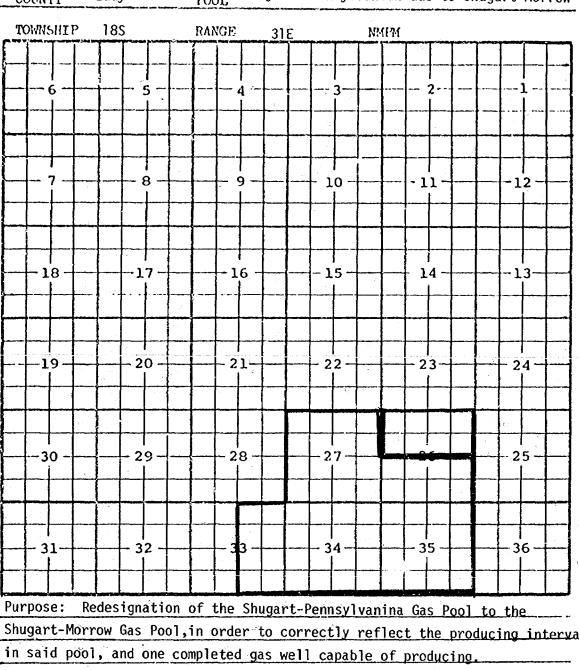
COUNTY	Edd	у	100L	Malaga	-Morrow	Gas	Britanian Strategy	
TOWNSH	IF.	248	RANCE	28E	مرسدات موادود دارد	NMPM		
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Pool boun	dary ou	tlined i	n red.		 	·		
Proposed (extensi	on outli	ned in Blu	e				
			on 10: S/2					
	,, ,, ,,-,,	Section	on 23: N/2		·			
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CASE NO. 7260 (aa) EXTENSION OF AN EXISTING OIL POOL

	COUNTY	/260 (aa) 		NORTH PETERS	OIL POOL ON-PENNSYLVANI	TAN
		4 South	RANGE 33	4	NMIM	
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	6 -					
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	}-			 	<u> </u>	
<u>{</u>	7-	8 -	9 -	10-		12
	18	12-	6 -	15-	14	13
	19-	20 -	21-	22-	23	24
			2			
	30 -	29	28 -	27-	26	25
	31-	32	33-	34-	35	36
=	PURPOSE:	Two complete	od odlavalla	capable of		
						R33E, completed
			 		. Top perf 78	
						3E, completed
	reb. 15, 1	1981, in the	Pennsylvania	an formation.	Top perf 78	34 ft.
S.	Pagi bound	lary outlined	d in red	 		
		ool extension		in green. Sf	CTION 17: SE	/4
Addition -						/4
••						
	•		·.	······································		
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CASE NO. 7260 (bb) EXTENSION OF AN EXISTING GAS POOL

COUNTY	LEA	POOL	SOUTH S	ALT LAKE-	MORROW GAS	
TOWNSHIP	21 South	RANGE	32 East	M	(PM	
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7				10 -	11-	12
-+-+						
18-	17-	16		-15	14	13
				 		
19	20 -	2]	l — —	22-	23-	24
30	29 -	28	8 	27	26-	25
				 		
		3				
31-	32 -	3:	3	-34	35	36
	One complete ass C.A. Loc					32E, completed
	1981, in the					
		<u> </u>				
	ary outlined					•
	ool extensio				.4 0	
	OTTON 3. L.C	,,,,	J, 4, J,	υ, /, an	U 0	
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Shugart-Morrow Gas Pool, in order to correctly reflect the producing interval

Operator	Lease	#&Ut	S.T.R.	Comp.	Form.	TOP
Amoco Prod. Co.	Greenwood Pre-Grayburg	1-C	26-18-31	•		
•	Ut. Fed. D Com					
Pool boundary ou	tlined in red.				•	
			-16		+	
Proposed extension	on outlined in blue.					
	Section 26: N/2					

					•	

CASE NO. 7260 (dd) EXTENSION OF AN EXSITING GAS POOL

COUNTY Eddy POOL North Shugart-Morrow Gas

TOWNSHIP	185	RANGE	31 <u>E</u>	MADA		
6	5 -	4		3	2.	
	8	9 -		10	- 11 -	12
18	17-	15		15	14	13
	20 -	20	 	- 22	23	24
-30	29	28		-27	26-	25
31-	32 -	33		34	35	36
Purpose: Tv	vo completed	gas wells	capable	of produci	ng.	CONTRACTOR OF THE PROPERTY OF

#&Ut. S.T.R. Form. **Operator** Lease Comp. Holly Energy Inc. Roche Fed. 7-18-31 3-15-81 Morrow Canadian Kenwood 18 Federal 1-F 18-18-31 12 -2-80 Morrow Pool boundary outlined in red. Proposed extension outlined in blue. Section 7: E/2 Section 18: ALL

TOP

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11730

CASE NO. 7260 (ee) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA	POOL EAST WEIR -B	LINEBRY	
TOWNSHIP 20 South	RANGE 38 East	NMIM	
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19 20	21	23	- 24
30 - 29 -	28 - 2	27 - 26	25
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
31 32	33 + 3	35	36
PURPOSE: Two completed	oil wells capable	of producing.	·
Morris R. Antweil Albert	· ·		ted Sept. 29,
1980, in the Blinebry fo			·
Tamarack Pet. Co. Inc. D			mpleted Nov.28
1980 in the Blinebry for	mation. Top perf	5036 feet.	
Pool boundary outlined i	n red.		
Proposed pool extension		SECTION 7: N/2 N/2	
- William III - I I I I I		SECTION 8: N/2 N/2	
		SECTION 9: W/2 NW/	
			*

CASE 7260:

CASE 7225: (Continued from April 22, 1981, Examiner Hearing)

Application of Knox Industries, Inc. for an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox Morrow location of its Maddox Well No. 1 to be drilled 1980 feet from the South line and 660 feet from the West line of Section 12, Township 23 South, Range 34 East, Northeast Antelope Ridge Field, the S/2 of said Section 12 to be dedicated to the well.

CASE 7258: Application of HNC Oil Company for compulsory pooling, Lea County, New Mexico.

Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp and Pennsylvanian formations underlying the S/2 of Section 32, Township 21 South, Range 35 East, 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, designation of applicant as operator of the well, and a charge for the risk involved in drilling said well.

CASE 7086: (Continued from April 8, 1981, Examiner Hearing)

Application of Blackwood & Nichols Company, Ltd. for designation of a tight formation, San Juan and Rio Arriba Counties, New Mexico. Applicant, in the above-styled cause, seeks the designation of the Pictured Cliffs formation underlying portions of Townships 30 and 31 North, Ranges 6, 7, and 8 West, containing 33,500 acres, more or less, as a tight formation pursuant to Section 107 of the Natural Gas Policy Act and 18 CFR Section 271.701-705.

CASE 7259: In the matter of the hearing called by the Oil Conservation Division on its own motion to permit
New Mexico State University and Fireman's Fund Insurance Company to appear and show cause why two
certain geothermal wells, being the New Mexico State University Well No. TG-3 and Well No. DT-4,
both located in the NW/4 SE/4 of Section 14, Township 29 South, Range 8 West, Luna County, New
Mexico, should not be ordered plugged and abandoned in accordance with a Division-approved plugging
program.

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

(a) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the West Antelope Ridge-Atoka Gas Pool. The discovery well is Honsanto Company Back Basin Well No. 1 located in Unit I of Section 20, Township 23 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM Section 20: E/2

(b) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Strawn production and designated as the Antelope Rigge-Strawn Gas Pool. The discovery well is Estoril Production Corporation Curry Federal Well No. 1 located in Unit I of Section 22, Township 23 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM Section 15: 5/2 Section 22: All

(c) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Montoya production and designated as the Fowler-Montoya Pool. The discovery well is Gulf Oil Corporation Lillie Well No. 1 located in Unit D of Section 23, Township 24 South, Range 37 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM Section 23: NW/4

(d) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the Grama Ridge-Atoka Gas Pool. The discovery well is Minerals, Inc. Llano 33 State Well No. 1 located in Unit J of Section 33, Township 21 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM Section 33: S/2

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NOMENCLATURE ADVERTISEMENT FOR MAY 1981 CASE NO. 2260

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, Lea, and Roosevelt Counties, New Mexico, the abolishment of certain existing pools in Eddy County, New Mexico, the contraction of the vertical limits of an existing pool in Eddy County, New Mexico, and the extension of the horizontal limits of certain existing pools in Eddy, Lea, and Roosevelt Counties, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations, abolishments, contractions, and extensions should not be made.

(a) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the West Antelope Ridge-Atoka Gas Pool. The discovery well is Monsanto Company Back Basin Well No. 1 located in Unit I of Section 20, Township 23 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM Section 20: E/2

(b) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Strawn production and designated as the Antelope Ridge-Strawn Gas Pool. The discovery well is Estoril Production Corporation Curry Federal Well No. 1 located in Unit I of Section 22, Township 23 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 23:SOUTH, RANGE 34 EAST, NMPM Section 15: S/2
Section 22: All

(c) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Montoya production and designated as the Fowler-Montoya Pool. The discovery well is Gulf Oil Corporation Lillie Well No. 1 located in Unit D of Section 23, Township 24 South, Range 37 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM Section 23: NW/4

(d) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the Grama Ridge-Atoka Gas Pool. The discovery well is Minerals, Inc. Llano 33 State Well No. 1 located in Unit J of Section 33, Township 21 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM Section 33: S/2

(e) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the McMillan-Wolfcamp Gas Pool. The discovery well is Marbob Energy Corporation State CJ Com Well No. 1 located in Unit G of Section 24, Township 20 South, Range 26 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 26 EAST, NMPM Section 24: N/2

(f) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Bone Spring production and designated as the North Osudo-Bone Spring Pool. The discovery well is Jake L. Hamon, Hamon-Samedan-Petty Well No. 1 located in Unit N of Section 8, Township 20 South, Range 36 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 36 EAST, NMPM Section 8: SW/4

(g) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the West Palmillo-Wolfcamp Pool. The discovery well is Bass Enterprises Production Company Palmillo State Well No. 1 located in Unit J of Section 1, Township 19 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM Section 1: NW/4 SE/4

(h) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Scoggin Draw-Atoka Gas Pool. The discovery well is Amoco Production Company Federal F Gas Com Well No. 1 located in Unit G of Section 3, Township 18 South, Range 27 East, NMPM. Said Pool would comprise:

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM Section 3: E/2

Nomenclature Advertisement for May 1981

(i) CREATE a new pool in Roosevelt County, New Mexico, classified as an oil pool for Cisco production and designated as the East Tanneyhill-Cisco Pool. The discovery well is Energy Reserves Group, Inc. El Paso State Well No. 1 located in Unit P of Section 8, Township 6 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 6 SOUTH, RANGE 34 EAST, NMPM > Section 8: SE/4

(j) ABOLISH the Carlsbad-Canyon Gas Pool in Eddy County, New Mexico, described as: (acreage to be added to East Carlsbad-Wolfcamp Gas Pool)

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM

Section 21: S/2

(k) ABOLISH the Carlsbad-Permo-Pennsylvanian Gas Pool in Eddy County, New Mexico, described as: (acreage to be added to East Carlsbad-Wolfcamp Gas Pool)

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM Section 15: All

(1) EXTEND the Baldridge Canyon-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 24 EAST, NMPM Section 36: \$/2

TOWNSHIP 23 SOUTH, RANGE 25 EAST, NMPM Section 31: S/2

TOWNSHIP 24 SOUTH, RANGE 24 EAST, NMPM Section 1: E/2 Section 12: E/2

TOWNSHIP 24 SOUTH, RANGE 25 EAST, NMPM Section 6: W/2 Section 7: N/2

(m) EXTEND the Baum-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM V Section 30: SE/4

(n) EXTEND the Bull's Eye-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 28 EAST, NMPM Section 12: N/2 SE/4

TOWNSHIP 8 SOUTH, RANGE 29 EAST, NMPM Section 7: NW/4 SW/4

(o) EXTEND the North Caprock-Mississippian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 12 SOUTH, RANGE 32 EAST, NMPM Section 5: SE/4

(p) EXTEND the East Carlsbad-Wolfcamp Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM Section 14: N/2
Section 15: All
Section 16: E/2

Section 20: E/2 Section 21: All

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

TOWNSHIP 20 SOUTH, RANGE 26 EAST, NMPM Section 33: E/2

(r) EXTEND the Comanche Stateline-Tansill-Yates-Seven Rivers-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 26 SOUTH, RANGE 36 EAST, NMPM Section 20: E/2 NE/4

(s) EXTEND the Diamond Mound-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM V Section 6: \$/2

(t) EXTEND the Dublin Ranch-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM Section 22: S/2
Section 27: N/2

(u) EXTEND the East Empire-Yates-Seven Rivers Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM V Section 23: NW/4 SW/4

(v) EXTEND the Hare-San Andres Gas Pool in Lea County, New Mexico, to include therein:

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

(w) EXTEND the South Kemnitz-Atoka-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM Section 30: E/2

(x) EXTEND the North McMillan-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 27 EAST, NMPM Section 21: S/2

(y) EXTEND the Maljamar-Strawn Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM Section 28: W/2

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

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM Section 10: S/2
Section 23: N/2

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

TOWNSHIP 4 SOUTH, RANGE 33 EAST, NMPM Section 17: SE/4

(bb) EXTEND the South Salt Lake-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPM Section 5: Lots 1, 2, 3, 4, 5, 6, 7, and 8

(cc) CONTRACT the vertical limits of the Shugart-Pennsylvanian Gas Pool to the Morrow formation only and redesignate said pool to Shugart-Morrow Gas Pool, and extend horizontal limits of said pool to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM Y Section 26: N/2

(dd) EXTEND the North Shugart-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM ✓ Section 7: E/2 Section 18: All

(ee) EXTEND the East Weir-Blinebry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM

Section 7: N/2 N/2 Section 8: N/2 N/2 Section 9: W/2 NW/4

NOMENCLATURE ADVERTISEMENT FOR MAY 1981 CASE NO. 7260

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, Lea, and Roosevelt Counties, New Mexico, the abolishment of certain existing pools in Eddy County, New Mexico, the contraction of the vertical limits of an existing pool in Eddy County, New Mexico, and the extension of the horizontal limits of certain existing pools in Eddy, Lea, and Roosevelt Counties, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations, abolishments, contractions, and extensions should not be made.

(a) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the West Antelope Ridge-Atoka Gas Pool. The discovery well is Monsanto Company Back Basin Well No. 1 located in Unit I of Section 20, Township 23 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM Section 20: E/2

(b) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Strawn production and designated as the Antelope Ridge-Strawn Gas Pool. The discovery well is Estoril Production Corporation Curry Federal Well No. 1 located in Unit I of Section 22, Township 23 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 23:SOUTH, RANGE 34 EAST, NMPM Section 15: S/2 Section 22: All

(c) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Montoya production and designated as the Fowler-Montoya Pool. The discovery well is Gulf Oil Corporation Lillie Well No. 1 located in Unit D of Section 23, Township 24 South, Range 37 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM Section 23: NW/4

(d) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the Grama Ridge-Atoka Gas Pool. The discovery well is Minerals, Inc. Llano 33 State Well No. 1 located in Unit J of Section 33, Township 21 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM Section 33: S/2

(e) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the McMillan-Wolfcamp Gas Pool. The discovery well is Marbob Energy Corporation State CJ Com Well No. 1 located in Unit G of Section 24, Township 20 South, Range 26 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 26 EAST, NMPM Section 24: N/2

(f) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Bone Spring production and designated as the North Osudo-Bone Spring Pool. The discovery well is Jake L. Hamon, Hamon-Samedan-Petty Well No. 1 located in Unit N of Section 8, Township 20 South, Range 36 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 36 EAST, NMPM Section 8: SW/4

(g) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the West Palmillo-Wolfcamp Pool. The discovery well is Bass Enterprises Production Company Palmillo State Well No. 1 located in Unit J of Section 1, Township 19 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM Section 1: NW/4 SE/4

(h) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Scoggin Draw-Atoka Gas Pool. The discovery well is Amoco Production Company Federal F Gas Com Well No. 1 located (1) Unit G of Section 3, Township 18 South, Range 27 East, NMPM. Said Pool would comprise:

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM Section 3: E/2

(i) CREATE a new pool in Roosevelt County, New Mexico, classified as an oil pool for Cisco production and designated as the East Tanneyhill-Cisco Pool. The discovery well is Energy Reserves Group, Inc. El Paso State Well No. 1 located in Unit P of Section 8, Township 6 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 6 SOUTH, RANGE 34 EAST, NMPM Section 8: SE/4

- (j) ABOLISH the Carlsbad-Canyon Gas Pool in Eddy County, New Mexico, described as: (acreage to be added to East Carlsbad-Wolfcamp Gas Pool)

 TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM
 Section 21: S/2
- (k) ABOLISH the Carlsbad-Permo-Pennsylvanian Gas Pool in Eddy County, New Mexico, described as: (acreage to be added to East Carlsbad-Wolfcamp Gas Pool)

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM Section 15: All

(1) EXTEND the Baldridge Canyon-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 24 EAST, NMPM Section 36: S/2

TOWNSHIP 23 SOUTH, RANGE 25 EAST, NMPM Section 31: S/2

TOWNSHIP 24 SOUTH, RANGE 24 EAST, NMPM Section 1: E/2 Section 12: E/2

TOWNSHIP 24 SOUTH, RANGE 25 EAST, NMPM Section 6: W/2 Section 7: N/2

(m) EXTEND the Baum-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM Section 30: SE/4

(n) EXTEND the Bull's Eye-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 28 EAST, NMPM Section 12: N/2 SE/4

TOWNSHIP 8 SOUTH, RANGE 29 EAST, NMPM Section 7: NW/4 SW/4

(o) EXTEND the North Caprock-Mississippian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 12 SOUTH, RANGE 32 EAST, NMPM Section 5: SE/4

(p) EXTEND the East Carlsbad-Wolfcamp Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM Section 14: N/2
Section 15: All Section 16: E/2
Section 20: E/2
Section 21: All

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

TOWNSHIP 20 SOUTH, RANGE 26 EAST, NMPM Section 33: E/2

(r) EXTEND the Comanche Stateline-Tansill-Yates-Seven Rivers-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 26 SOUTH, RANGE 36 EAST, NMPM Section 20: E/2 NE/4

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(s) EXTEND the Diamond Mound-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM Section 6: S/2

(t) EXTEND the Dublin Ranch-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

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

Section 27: N/2

(u) EXTEND the East Empire-Yates-Seven Rivers Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM Section 23: NW/4 SW/4

EXTEND the Hare-San Andres Gas Pool in Lea County, New Mexico, to include (v) therein:

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

(w) EXTEND the South Kemnitz-Atoka-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM Section 30: E/2

(x) EXTEND the North McMillan-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 27 EAST, NMPM Section 21: S/2

(y) EXTEND the Maljamar-Strawn Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM Section 28: W/2

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

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM Section 10: S/2

Section 23: N/2

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

> TOWNSHIP 4 SOUTH, RANGE 33 EAST, NMPM Section 17: SE/4

(bb) EXTEND the South Salt Lake-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPM Section 5: Lots 1, 2, 3, 4, 5, 6, 7, and 8

(cc) CONTRACT the vertical limits of the Shugart-Pennsylvanian Gas Pool to the Morrow formation only and redesignate said pool to Shugart-Morrow Gas Pool, and extend horizontal limits of said pool to include therein:

> TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM Section 26: N/2

(dd) EXTEND the North Shugart-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM Section 7: E/2

Section 18: All

(ee) EXTEND the East Weir-Blinebry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM

Section 7: N/2 N/2 Section 8: N/2 N/2 Section 9: W/2 NW/4

SANTA FE

OIL CONSERVATION DIVISION ARTESIA, NEW MEXICO

DISTRICT II

NOMENCLATURE ADVERTISEMENT FOR MAY, 1981

(a) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the McMillan Wolfcamp-Gas pool. The discovery well is Marbob Energy Corp. State CJ Com #1 located in Unit G of Section 24, Township 20 South, Range 26 East NMPM. Said pool would comprise:

Township 20 South, Range 26 East, NMPM.

Section 24: N/2

(b) Create a new pool in Eddy County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the West Palmillo-Wolfcamp oil pool. The discovery well is Bass Enterprises Prod. Co. Palmillo State #1 located in Unit J of Section 1, Township 19 South, Range 28 East NMPM. Said pool would comprise:

Township 19 South, Range 28 East, NMPM.

Section 1: NW/4 SE/4

(c) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Scoggin Draw-Atoka gas pool. The discovery well is Amoco Production Co. Federal F Gas Com #1 located in Unit G of Section 3, Township 18 South, Range 27 East NMPM. Said pool would comprise:

Township 18 South, Range 27 East, NMPM.

Section 3: E/2

(d) Extend the Baldridge Canyon-Morrow Gas Pool in Eddy County, New Mexico to include therein:

Township 23 South, Range 24 East, NMPM.

Section 36: S/2

Township 23 South, Range 25 East, NMPM. Section 31: S/2

Township 24 South, Range 24 East, NMPM.

Section 1: E/2 Section 12: E/2

Township 24 South, Range 25 East, NMPM.

Section 6: W/2 Section 7: N/2

(e) Extend the Bull's Eye-San Andres Pool in Eddy County, New Mexico, to inclued therein:

Township 8 South, Range 28 East, NMPM.

Section 12: N/2 SE/4

Township 8 South, Range 29 East, NMPM.

Section 7: NW/4 SW/4

(f)Abolish the Carlsbad-Permo-Pennsylvanian and Carlsbad-Canyon Gas Pools and extend the horizontal limits of the East Carlsbad-Wolfcamp Gas Pool to correctly reflect the producing interval of existing wells to include

Township 22 South, Range 27 East, Eddy County, NMPM.

Section 14: N/2

Section 15: ALL

Section 16: E/2

Section 20: E/2

Section 21: ALL

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

Τοwnship 20 South, Range 26 East, NMPM.
Section 33: E/2

(h) Extend the Diamond Mound-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

Township 16 South, Range 28 East, NMPM.

Section 6: lots 1, 2, 7, 8, 9, 10, 15 & 168 S/2

(i) Extend the Dublin Ranch-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

Township 22 South, Range 28 Edst, NMPM.

Section 22: S/2
Section 27: N/2

(j) Extend the East Empire-Yates-Seven Rivers Pool in Eddy County, New Mexico, to include therein: Township 17 South, Range 28 East, NMPM. Section 23: NW/4 SW/4

(k) Extend the North McMillan Morrow-Gas Pool in Eddy County, New Mexico, to include therein: Township 19 South, Range 27 East, NMPM. Section 21: S/2

(1) Extend the Malaga Morrow Gas Pool in Eddy County, New Mexico, to include therein:

Township 24 South, Range 28 East, NMPM.

Section 10: S/2
Section 23: N/2

(m) Redesignate the Shugart-Pennsylvanian Gas Pool to the Shugart-Morrow Gas Pool, in order to correctly reflect the producing interval in said pool, and extend the horizontal limits to include therein:

Township 18 South, Range 31 East, NMPM.

Section 26: N/2

(n) Extend the North Shugart-Morrow Gas Pool in Eddy County, New Mexico, to include therein: Township 18 South, Range 31 East, NMPM. Section 7: E/2 Section 18: ALL

April 20, 1981

Xc: Carl Ulvog Santa Fe, NM

Hobbs, OCD

E Chd WC Gen Paul 22

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:

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

CASÉ NO. 7260 ORDER NO. 7-6.698

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9:00 a.m. on May 20, 1981, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this day of May, 1981, the Division Director, having considered the testimony, the record, and the recommendations of the Examnier, 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 pool in Lea County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of West Antelope Ridge-Atoka Gas Pool. Said West Antelope Ridge-Atoka Gas Pool was discovered by the Monsanto Company Back Basin Well No. 1 located in Unit I of Section 20, Township 23 South, Range 34 East, NMPM. It was completed in the Atoka formation on February 15, 1981. The top of the perforations is at 12,620 feet.
- (3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Strawn formation, said pool to bear the designation of Antelope Ridge-Strawn Gas Pool Said Antelope Ridge-Strawn Gas Pool was discovered by the Estoril Production Corporation Curry Federal Well No. l located in Unit I of Section 22, Township 23 South, Range 34 East, NMPM. It was completed in the Strawn formation on January 13, 1981. The top of the perforations is at 12,049 feet.
- (4) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Montoya formation, said pool to bear the designation of Fowler-Montoya Pool. Said Fowler-Montoya Pool was discovered by the Gulf Oil Corporation Lillie Well No. 1 located in Unit D of Section 23, Township 24 South, Range 37 East, NMPM. It was completed in the Montoya formation on October 30, 1980. The top of the perforations is at 8664 feet.
- (5) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of Grama Ridge-Atoka Gas Pool. Said Grama Ridge-Atoka Gas Pool was discovered by the Minerals, Inc. Llano 33 State Well No. 1 located in Unit J of Section 33, Township 21 South, Range 34 East, NMPM. It was completed in the Atoka formation on March 13, 1981. The top of the perforations is at 12,851 feet.
- (6) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Wolfcamp formation, said pool to bear the designation of McMillan-Wolfcamp Gas Pool. Said McMillan-Wolfcamp Gas Pool was discovered by the Marbob Energy Corporation State CJ Com Well No. 1 located in Unit G of Section 24, Township 20 South, Range 26 East, NMPM. It was completed in the Wolfcamp formation on November 19, 1980. The top of the perforations is at 7867 feet.

All

- (7) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Bone Spring Formation, said pool to bear the designation of North Osudo-Bone Spring Pool. Said North Osudo-Bone Spring Pool was discovered by the Jake L. Hamon Hamon-Samedan Petty Well No. 1 located in Unit N of Section 8, Township 20 South, Range 36 East, NMPM. It was completed in the Bone Spring formation on January 19, 1981. The top of the perforations is at 8233 feet.
- (8) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Wolfcamp formation, said pool to bear the designation of West Palmillo-Wolfcamp Pool. Said West Palmillo-Wolfcamp Pool was discovered by the Bass Enterprises Production Company Palmillo State Well No. 1 located in Unit J of Section 1, Township 19 South, Range 28 East, NMPM. It was completed in the Wolfcamp formation on June 11, 1980. The top of the perforations is at 8693 feet.
- (9) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of Scoggin Draw-Atoka Gas Pool. Said Scoggin Draw-Atoka Gas Pool was discovered by the Amoco Production Company Federal F Gas Com Well No. 1 located in Unit G of Section 3, Township 18 South, Range 27 East, NMPM. It was completed in the Atoka formation on February 25, 1980. The top of the perforations is at 9344 feet.
- (10) That there is need for the creation of a new pool in Roosevelt County, New Mexico, for the production of oil from the Cisco formation, said pool to bear the designation of East Tanneyhill-Cisco Pool. Said East Tanneyhill-Cisco Pool was discovered by the Energy Reserves Group, Inc. El Paso State Well No. 1 located in Unit P of Section 8, Township 6 South, Range 34 East, NMPM. It was completed in the Cisco formation on January 20, 1981. The top of the perforations is at 7679 feet.
- (11) That there is need for the abolishment of the Carlsbad-Canyon Gas Pool in Eddy County, New Mexico, in order that the acreage may be included in the East Carlsbad-Wolfcamp Gas Pool
- (12) That there is need for the abolishment of the Carlsbad-Permo-Pennsylvanian Gas Pool in Eddy County, New Mexico, in order that the acreage may be included in the East Carlsbad-Wolfcamp Pool.
- (13) That there is need for the contraction of the vertical limits of the Shugart-Pennsylvanian Gas Pool in Eddy County, New Mexico, to Morrow formation only and the redesignation of said pool to Shugart-Morrow Gas Pool.

that the amoes Production Company Breamood Unit hall no. 2, located in Unit of g Section 34, Township 18 South, Range 31 East, NMPM, which has been completed in and producing from boths the Atoka and hurran formations since 1988, whould be permitted to continue to se permitted to continue to se peroduce as comingled Shugart-Moreon and undesignated atoka lest for statistical purposes should be considered to be producing from the Lugart-Moreon 120 Pool only.

- (14) That there is need for certain extensions to the Baldridge Canyon-Morrow Gas Pool, the East Carlsbad-Wolfcamp Gas Pool, the Catclaw Draw-Morrow Gas Pool, the Diamond Mount-Morrow Gas Pool, the Dublin Ranch-Atoka Gas Pool, the East Empire-Yates-Seven Rivers Pool, the North McMillan-Morrow Gas Pool, the Malaga-Morrow Gas Pool, the Shugart-Morrow Gas Pool, and the North Shugart-Morrow Gas Pool, all in Eddy County, New Mexico, and the Baum-Upper Pennsylvanian Pool, the North Caprock-Mississippian Pool, the Comanche Stateline-Tansill-Yates-Seven Rivers-Queen Pool, the Hare-San Andres Gas Pool, the South Kemnitz-Atoka-Morrow Gas Pool, the Maljamar-Strawn Pool, the South Salt Lake-Morrow Gas Pool, and the East Weir-Blinebry Pool, all in Lea County, New Mexico, and the North Peterson-Pennsylvanian Pool in Roosevelt County, New Mexico.
- (15) That there is need to dismiss the proposed extension to the Bull's Eye-San Andres Pool in Chaves County, New Mexico, due to an error in advertising.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM Section 20: E/2

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

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM Section 15: S/2 Section 22: All

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

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM Section 23: NW/4

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

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM Section 33: S/2

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

TOWNSHIP 20 SOUTH, RANGE 26 EAST, NMPM Section 24: N/2

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

TOWNSHIP 20 SOUTH, RANGE 36 EAST, NMPM Section 85 SW/4

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

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM Section 1: NW/4 SE/4

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

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM Section 3: E/2

(i) That a new pool in Roosevelt County, New Mexico, classified as an oil pool for Cisco production is hereby created and designated as the East Tanneyhill-Cisco Pool, consisting of the following described area:

TOWNSHIP 6 SOUTH, RANGE 34 EAST, NMPM Section 8: SE/4

(j) That the Carlsbad-Canyon Gas Pool in Eddy County, New Mexico, consisting of the following described area:

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM Section 21: S/2

is hereby <u>abolished</u>.

(k) That the Carlsbad Permo-Pennsylvanian Gas Pool in Eddy County, New Mexico, consisting of the following described area:

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM Section 15: All

is hereby abolished.

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

TOWNSHIP 23 SOUTH, RANGE 24 EAST, NMPM Section 36: S/2

TOWNSHIP 23 SOUTH, RANGE 25 EAST, NMPM Section 31: S/2

TOWNSHIP 24 SOUTH, RANGE 24 EAST, NMPM

Section 1: E/2 Section 12: E/2

TOWNSHIP 24 SOUTH, RANGE 25 EAST, NMPM Section 6: W/2

Section 7: N/2

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

> TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM Section 30: SE/4

(n) That the proposed extension to the Bull's Eye-San Andres Pool in Eddy Gaunty, New Mexico, consisting of the following described area:

> TOWNSHIP 8 SOUTH, RANGE 28 EAST, NMPM Section 12: N/2 SE/4

> TOWNSHIP 8 SOUTH, RANGE 29 EAST, NMPM Section 7: NW/4 SW/4

is hereby dismissed.

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

> TOWNSHIP 12 SOUTH, RANGE 32 EAST, NMPM Section 5: SE/4

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

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM

Section 14: N/2 Section 15: E/2 Section 16: Section 20: E/2

Section 21: All

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

> TOWNSHIP 20 SOUTH, RANGE 26 EAST, NMPM Section 33: E/2

(r) That the Comanche Stateline-Tansill-Yates-Seven Rivers-Queen 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 20: E/2 NE/4

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

TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM Section 6: S/2

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

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

Section 27: N/2

(u) That the East Empire-Yates-Seven Rivers 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 23: NW/4 SW/4

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

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

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

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM Section 30: E/2

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

TOWNSHIP 19 SOUTH, RANGE 27 EAST, NMPM Section 21: S/2

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

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM Section 28: W/2

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

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM Section 10: S/2

Section 23: N/2

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

TOWNSHIP 4 SOUTH, RANGE 33 EAST, NMPM

Section 17: SE/4 Section 16: NW/4

Addition -----

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

TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPM Section 5: Lots 1, 2, 3, 4, 5, 6, 7, and 8

(cc) That the vertical limits of the Shugart-Pennsylvanian Gas Pool in Eddy, County, New Mexico, as heretofore classified, defined, and described, are hereby contracted to the Morrow formation only and said pool redesignated to Shugart-Morrow Gas Pool, and horizontal limits of said Shugart-Morrow Gas Pool extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM Section 26: N/2

Provided however, that the amoes Production Company Arcenwood Unit Well 20.2, located in Unit G & Section 34, Township 18 South, Range 31 East, NMPM, is hereby an thorised to commingle undosignated Atoka and Shugart-Morrow production in the Well-bore and to report ace of said production as Shugart-Morrow far Pool production.

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

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM Section 7: E/2 Section 18: All

(ee) That the East Weir-Blinebry 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 7: N/2 N/2 Section 8: N/2 N/2 Section 9: N/2 NW/4



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IT IS FURTHER ORDERED:

- (1) That pursuant to Section 70-2-18, NMSA 1978, contained in Chapter 271, 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 well bears to a standard unit for the pool that the acreage dedicated to the 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
- (2) That the effective date of this order and all creations, abolishments, contractions, and extensions included herein shall be June 1, 1981.

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

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

JOE D. RAMEY Director

SEAL