

OIL CONSERVATION DIVISION  
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July 2, 1990

State of New Mexico  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico



Attention: Mr. David R. Catanach

Re: Case No. 9936 (f), (g), (i)  
Order No. R-9171  
Chaves County, New Mexico

Gentlemen:

Reference is made to your recent Order No. R-9171 for Case No. 9936 which was heard on May 2, 1990 in Santa Fe, New Mexico. Also please refer to my letter of April 25, 1990 concerning BHP Petroleum Company Inc.'s position in this matter (copy of letter enclosed).

Because of the recent decision in Case No. 9936 (f), (g), and (i), BHP Petroleum Company Inc. is still operating three PrePermian gas wells located in the same general area out of two different field names. Additionally, the fields, from the best that I can tell, still have some acreage description problems.

It would be most helpful to BHP if we could resolve the problems associated with the Comanche Spring and Rabbit Flats PrePermian gas fields. I again believe that this can be accomplished by doing the following:

1. Abolish the Rabbit Flats PrePermian Gas Pool;
2. Delete the W/2 Section 36, T10S, R27E from the Comanche Spring PrePermian Gas Pool;
3. Add the W/2 Section 36, T10S, R26E to the Comanche Spring PrePermian Gas Pool (BHP operated Yates "36" State No. 1 well);
4. Add the N/2 Section 8, T11S, R27E to the Comanche Spring PrePermian Gas Pool (BHP operated Conoco "8" Federal Com No. 1 well);
5. Add the S/2 Section 25, T10S, R26E to the Comanche Spring PrePermian Gas Pool (Samedan operated State "35" No. 1 well); and

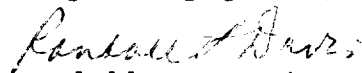
Page 2  
OCD Letter  
July 2, 1990

6. Correct the proration unit description for the BHP operated Ervin Ranch State "Com" No. 1 well to reflect All Section 5, T11S, R27E instead of the N/2 Section 5.

These corrections, deletions and additions will significantly assist BHP in reporting field production to the proper agencies. Also this will eliminate the problem of having two fields covering the same type of production in the same area.

I would be happy to discuss this matter with you further either by telephone or in person in your office. Please call me after you have had time to read this letter and we can determine a time and place to meet. I will be out of my office on July 4 and July 5, 1990.

Very truly yours,

  
Randall L. Davis  
Land Manager, Western Area  
Inland Business Unit

rld

enclosures

xc: Samedan Oil Corporation  
10 Desta Drive, Suite 240E  
Midland, Texas 79705  
Attention: Mr. Jack Anderson

Mr. Jason Edgington-BHP  
Mr. Chris Camden-BHP  
Mr. Bill Morris-BHP

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

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

CASE NO. 9936  
Order No. R-9171

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

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on May 2, 1990, at Santa Fe, New Mexico, before Examiner David R. Catalach.

NOW, on this 4th day of May, 1990, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

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

(2) There is need for the creation of a new pool in Chaves County, New Mexico, for the production of oil from the San Andres formation, said pool to bear the designation of South Acme-San Andres pool. Said South Acme-San Andres Pool was discovered by the Yates Petroleum Corporation Cactus Flower State Unit Well No. 2 located in Unit F of Section 19, Township 8 South, Range 27 East, NMPM. It was completed in the San Andres formation on August 7, 1989. The top of the perforations is at 1,969 feet.

(3) There is need for the creation of a new pool in Chaves County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of Otterback Ranch-Atoka Gas Pool. Said Otterback Ranch-

33

-2-  
Case No. 9936  
Order No. R-9171

Atoka Gas Pool was discovered by the Foran Oil Company State ET Well No. 1 located in Unit C of Section 36, Township 15 South, Range 27 East, NMPM. It was completed in the Atoka formation on June 10, 1989. The top of the perforations is at 8,712 feet.

(4) There is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Bone Spring formation, said pool to bear the designation of Pierce Crossing-Bone Spring Pool. Said Pierce Crossing-Bone Spring Pool was discovered by the Quinoco Petroleum Inc. Queen Lake 20 Federal Well No. 1 located in Unit E of Section 20, Township 24 South, Range 29 East, NMPM. It was completed in the Bone Spring formation on October 19, 1989. The top of the perforations is at 8,966 feet.

(5) 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 Russell-Wolfcamp Gas Pool. Said Russell-Wolfcamp Gas Pool was discovered by The Petroleum Corporation of Delaware Superior Federal Well No. 5 located in Unit K of Section 5, Township 20 South, Range 29 East, NMPM. It was completed in the Wolfcamp formation on July 31, 1989. The top of the perforations is at 9,665 feet.

(6) 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 Scanlon Draw-Wolfcamp Pool. Said West Scanlon Draw-Wolfcamp Pool was discovered by the Pennco Exploration Winchester Federal Well No. 1 located in Unit H of Section 4, Township 20 South, Range 28 East, NMPM. It was completed in the Wolfcamp formation on July 8, 1982. The top of the perforations is at 8,849 feet.

(7) There is need for the dismissal of the proposed abolishment of the Rabbit Flats-Prepermian Gas Pool in Chaves County, New Mexico, pending further study.

(8) There is need for the dismissal of the proposed contraction of the Comanche Spring-Prepermian Gas Pool in Chaves County, New Mexico, pending further study.

(9) There is need for the dismissal of the proposed extension to the Comanche Spring-Prepermian Gas Pool in Chaves County, New Mexico, pending further study.

43

-3-  
Case No. 9936  
Order No. R-9171

(10) There is need for the dismissal of the proposed extension to the North Shugart-Bone Spring Pool in Eddy County, New Mexico, pending further study.

(11) There is need for certain extensions to the South Palma Mesa-Pennsylvanian Gas Pool in Chaves County, New Mexico, and the South Carlisbad-Strawn Gas Pool, the North Dagger Draw-Upper Pennsylvanian Pool, the South Dagger Draw-Upper Pennsylvanian Associated Pool, the Diamond Mound-Morrow Gas Pool, the Grayburg-Morrow Gas Pool, the La Huerta-Delaware Pool, the East Loving-Delaware Pool, the North Loving-Atoka Gas Pool, the Parkway-Bone Spring Pool, the Parkway-Delaware Pool, the Salt Draw-Atoka Gas Pool, the South Sand Dunes-Lower Pennsylvanian Gas Pool, the Shugart Yates-Seven Rivers-Queen-Grayburg Pool, the Turkey Track Seven Rivers-Queen-Grayburg-San Andres Pool, and the Winchester-Bone Spring Pool, all in Eddy County, New Mexico.

IT IS THEREFORE ORDERED THAT:

(a) A new pool in Chaves County, New Mexico, classified as an oil pool for Bone Spring production is hereby created and designated as the South Acme-San Andres Pool, consisting of the following described area:

TOWNSHIP 8 SOUTH, RANGE 27 EAST, NMPM  
Section 19: W/2  
Section 30: NW/4

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

TOWNSHIP 15 SOUTH, RANGE 27 EAST, NMPM  
Section 36: W/2

(c) A new pool in Eddy County, New Mexico, classified as an oil pool for Bone Spring production is hereby created and designated as the Pierce Crossing-Bone Spring Pool, consisting of the following described area:

TOWNSHIP 24 SOUTH, RANGE 29 EAST, NMPM  
Section 20: NW/4

-4-  
Case No. 9936  
Order No. R-9171

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

TOWNSHIP 20 SOUTH, RANGE 29 EAST, NMPM  
Section 5: W/2

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

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

(f) The proposed abolishment of the Rabbit Flats-PrePermian Gas Pool in Chaves County, New Mexico, is hereby dismissed.

(g) The proposed contraction of the Comanche Spring-PrePermian Gas Pool in Chaves County, New Mexico, is hereby dismissed.

(h) The South Carlisbad-Strawn 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 32: All  
Section 33: S/2

(i) The proposed extension to the Comanche Spring-PrePermian Gas Pool in Chaves County, New Mexico, is hereby dismissed.

(j) The North Dagger Draw-Upper Pennsylvanian Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 24 EAST, NMPM  
Section 24: W/2  
TOWNSHIP 20 SOUTH, RANGE 24 EAST, NMPM  
Section 1: SW/4  
Section 2: N/2

-5-  
Case No. 9936  
Order No. R-9171

(k) The South Dagger Draw-Upper Pennsylvanian Associated Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 24 EAST, NMPM  
Section 11: S/2  
Section 14: All

(l) 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: E/2

(m) The Grayburg-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
Section 14: W/2

(n) The La Huerta-Delaware Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM  
Section 9: S/2

(o) The East Loving-Delaware Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM  
Section 14: NW/4

(p) The North Loving-Atoka Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM  
Section 19: E/2  
Section 30: E/2

51

-6-  
Case No. 9936  
Order No. R-9171

(q) The South Palma Mesa-Pennsylvanian Gas Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 27 EAST, NMPM  
Section 26: All

(r) The Parkway-Bone Spring Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM  
Section 14: NW/4

(s) The Parkway-Delaware Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM  
Section 26: SW/4

(t) The Salt Draw-Atoka 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 28: E/2

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

TOWNSHIP 24 SOUTH, RANGE 31 EAST, NMPM  
Section 15: W/2  
Section 16: E/2

(v) The Shugart Yates-Seven Rivers-Queen-Grayburg 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: SE/4

(w) The proposed extension to the North Shugart-Bone Spring Pool in Eddy County, New Mexico, is hereby dismissed.

53

-7-  
Case No. 9936  
Order No. R-9171

(x) The Turkey Track Seven Rivers-Queen-Grayburg-San Andres Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM  
Section 11: SW/4

(y) The Winchester-Bone Spring Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM  
Section 32: W/2

IT IS FURTHER ORDERED THAT:

(1) Pursuant to Section 70-2-18, MMSA 1978, contained in Chapter 271, Laws of 1969, any well which, by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one which is presently dedicated thereto, shall have 60 days from the effective date of this order in which to file new forms C-102 dedicating a standard unit for the pool to said well, or to obtain a non-standard unit approved by the Division. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Form C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Division within said 60-day period shall subject the well to cancellation of allowable.

(2) The effective date of this order and all creations and extensions included herein shall be June 1, 1990.

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

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

*William J. Lemay*  
WILLIAM J. LEMAY  
Director

S E A L  
fd/

April 25, 1990



State of New Mexico  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, NM 87501  
ATTN: Mr. David R. Catanach

Re: Docket No. 12-90  
Case 9936 (f),(g),(i)  
Chaves County, NM  
BHP C-EXSW02375  
C-EXSW02376  
C-EXSW02378  
C-EXSW02379  
C-EXSW02390  
C-EXSW02395

Gentlemen:

We recently talked about the existing problem of having two fields covering parts of the same lands - Comanche Spring and Rabbit Flats. BHP Petroleum Company Inc. requested that these fields be combined into only the Comanche Spring - PrePermian Gas Pool so that both the State of New Mexico and BHP's records would not be confused.

In Docket No. 12-90, Case 9936 (f),(g) and (i) was made as an attempt to clarify the Comanche Spring - PrePermian Gas Pool by accomplishing the following:

1. Abolishing the Rabbit Flats - PrePermian Gas Pool (f);
2. Deleting the W/2 Section 36, T10S, R27E from the Comanche Spring - PrePermian Gas Pool (g); and
3. Adding the Samedan operated State "35" Com. No. 1 well (S/2 Section 25, T10S, R26E) to the Comanche Spring Field (i).

Each of these orders are definitely a step in the right direction. However, in order to complete the records for the Comanche Spring - PrePermian Gas Pool, BHP believes it will be necessary to include the following wells and lands in the corrected Field:

1. W/2 Section 36, T10S, R26E which is the proration unit for the BHP Petroleum Company Inc. operated Yates "36" State No. 1 well (see attached State Form C-105);

April 25, 1990

Page 2

Mr. David R. Catanach

2. N/2 Section 8, T11S, R27E which is the proration unit for the BHP Petroleum Company Inc. operated Conoco "8" Federal No. 1 well (see attached Federal Form 3160-4); and
3. The current description of the N/2 Section 5, T11S, R27E which is part of the Comanche Spring Field should be changed to read All Section 5, T11S, R27E since this section is comprised of Lots 1, 2, 3, 4 and S/2 Section 5 which make up the proration unit for the Ervin Ranch State "Com" No. 1 well operated by BHP (see attached State Form C-102).

BHP Petroleum Company Inc. would appreciate that the above additions and corrections be made to the Comanche Spring Field in addition to those mentioned in Case 9936 (f), (g) and (i).

Should you have any questions, please call me at (713) 780-5363.

Very truly yours,



Randall L. Davis  
Land Manager, Western Area  
Inland Business Unit

RLD:CFL

Enclosures

cc: Samedan Oil Corporation  
10 Desta Drive, Suite 240E  
Midland, TX 79705  
ATTN: Mr. Jack E. Anderson

BHP Petroleum (Americas) Inc.

Mr. Jason Edgington  
Mr. Chris Camden  
Mr. Bill Morris



CASE 9935: Application of Harvey E. Yates Company for a horizontal directional drilling pilot project and special operating rules therefor, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to initiate a horizontal directional drilling pilot project in the S/2 of Section 26, Township 13 South, Range 35 East,, forming a standard 320-acre gas spacing and proration unit in the Northwest Austin-Mississippian Gas Pool. The applicant proposes to utilize its existing Duncan Unit Well No. 3 located 660 feet from the South line and 1980 feet from the West line (Unit N) of said Section 26 by kicking-off from vertical in a northeasterly direction, build angle to approximately 90 degrees, and drill horizontally in the Northwest Austin-Mississippian Gas Pool for approximately 1000 to 1200 feet. Applicant further requests that special operating provisions be established for said project area including the designation of a prescribed area limiting the horizontal extent of the wellbore such that it can be no closer than 1980 feet from the end boundaries nor closer than 660 feet from the side boundaries of said spacing unit. Said project area is located approximately 4 miles west-northwest of McDonald, New Mexico.

CASE 9898: (Continued from April 4, 1990, Examiner Hearing.)

Application of Doyle Hartman for compulsory pooling, a non-standard gas proration unit and simultaneous dedication, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Eumont Gas Pool underlying the SE/4 SW/4 and SE/4 of Section 5 and the NE/4 NE/4 and NE/4 NW/4 of Section 8, all in Township 20 South, Range 37 East, forming a non-standard 280-acre gas spacing and proration unit for said pool. The applicant proposes to dedicate all production from the Eumont Gas Pool to the existing Britt-Laughlin Com. Well No. 5 (formerly the Oxy USA, Inc. Laughlin "B" Well No. 5) located 330 feet from the South line and 2310 feet from the East line (Unit O) of said Section 5 and to the existing Britt-Laughlin Com. Well No. 1 (formerly the Britt "B-8" Well No. 1) located 660 feet from the North line and 1980 feet from the West line (Unit C) of said Section 8 and to a third well to be drilled at an undetermined location in the SE/4 of said Section 5. Applicant further seeks to be designated operator of the non-standard gas proration unit so created and be entitled to recover out of the production therefrom his costs of drilling, completing and equipping a new infill well, plus a 200% risk factor for drilling, completing and equipping such new infill well, and an equitable and proper percentage of the value of the existing wellbores of applicant's Britt-Laughlin Com. Well Nos. 1 and 5, and all costs of supervision and operation of such non-standard gas proration unit, and that such order also provide for any other relief which may be deemed equitable and proper. The subject area is located approximately 2.25 miles south of Monument, New Mexico.

CASE 9936: In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating, abolishing, contracting, and extending certain pools in Chaves and Eddy Counties, New Mexico.

- (a) CREATE a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production and designated as the South Acme-San Andres Pool. The discovery well is the Yates Petroleum Corporation Cactus Flower State Unit Well No. 2 in Unit F of Section 19, Township 8 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 8 SOUTH, RANGE 27 EAST, NMPM  
Section 19: E/2  
Section 30: NW/4

- (b) CREATE a new pool in Chaves County, New Mexico, classified as a gas pool for Atoka production and designated as the Otterback Ranch-Atoka Gas Pool. The discovery well is the Foran Oil Company State ET Well No. 1 located in Unit C of Section 36, Township 15 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 15 SOUTH, RANGE 27 EAST, NMPM  
Section 36: W/2

- (c) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Bone Spring production and designated as the Pierce Crossing-Bone Spring Pool. The discovery well is the Quinoco Petroleum Inc. Queen Lake 20 Fed. Well No. 1 located in Unit E of Section 20, Township 24 South, Range 29 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 29 EAST, NMPM  
Section 20: NW/4

- (d) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the Russell-Wolfcamp Gas Pool. The discovery well is the Petroleum Corporation of Delaware Superior Fed. Well No. 5 located in Unit K of Section 5, Township 20 South, Range 29 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 29 EAST, NMPM  
Section 5: W/2

- (e) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the West Scanlon Draw-Wolfcamp Pool. The discovery well is the Pennzoil Exploration Winchester Fed. Well No. 1 located in Unit H of Section 4, Township 20 South, Range 28 East, NMPM. Said pool would comprise:

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

- (f) ABOLISH the Rabbit Flats-PrePermian Gas Pool in Chaves County, New Mexico, consisting of the following described acreage:

TOWNSHIP 10 SOUTH, RANGE 26 EAST, NMPM  
Section 36: W/2

Should be part of Comanche Springs

as should the N1/2 Sec 8 T11S, R27E

- (g) CONTRACT the Comanche Springs-PrePermian Gas Pool in Chaves County, New Mexico, by the deletion of the following described acreage:

*This was the wrong Range*

TOWNSHIP 10 SOUTH, RANGE 27 EAST, NMPM  
Section 36: W/2

*Should be deleted as it is in the wrong Range*

- (h) EXTEND the South Carlsbad-Strawn Gas Pool in Eddy County, New Mexico, to include therein:

*X*

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM  
Section 32: All  
Section 33: S/2

- (i) EXTEND the Comanche Springs-PrePermian Gas Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 10 SOUTH, RANGE 26 EAST, NMPM  
Section 25: S/2

- (j) EXTEND the North Dagger Draw-Upper Pennsylvanian Pool in Eddy County, New Mexico, to include therein:

*new Dagger Draw*

TOWNSHIP 19 SOUTH, RANGE 24 EAST, NMPM  
Section 24: W/2

TOWNSHIP 20, SOUTH, RANGE 24 EAST, NMPM  
Section 1: SW/4  
Section 2: N/2

- (k) EXTEND the South Dagger Draw-Upper Pennsylvanian Associated Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 24 EAST, NMPM  
Section 11: S/2  
Section 14: All

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

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

- X* (m) EXTEND the Grayburg-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
Section 14: W/2

- So offset to C&F 7d*  
(n) EXTEND the La Huerta-Delaware Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM  
Section 9: S/2

- X* (o) EXTEND the East Loving-Delaware Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM  
Section 14: NW/4

- X* (p) EXTEND the North Loving-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM  
Section 19: E/2  
Section 30: E/2

- So offset to Puffer*  
(q) EXTEND the South Palma Mesa-Pennsylvanian Gas Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 27 EAST, NMPM  
Section 26: All

- X* (r) EXTEND the Parkway-Bone Spring Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM  
Section 34: NW/4

- X* (s) EXTEND the Parkway-Delaware Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM  
Section 26: SW/4

- X* (t) EXTEND the Salt Draw-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

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