

CASE 3012:

SOUTHEASTERN NEW MEXICO  
NOMENCLATURE

CASE No.

3012

Application,  
TRANSCRIPTS,  
SMALL Exhibits  
ETC.

SECTION 29: S/2 SE/4 and SE/4 SW/4  
SECTION 32: E/2 NE/4

CASE 3013: Northwestern New Mexico nomenclature case calling for an order extending certain existing pools in Rio Arriba, San Juan, and Sandoval Counties, New Mexico.

a) EXTEND the South Blanco-Pictured Cliffs to include:

TOWNSHIP 23 NORTH, RANGE 2 WEST, NMPM  
SECTION 5: ALL  
SECTION 6: E/2  
SECTION 7: NE/4  
SECTION 8: ALL  
SECTION 9: ALL  
SECTION 15: NE/4  
SECTION 17: W/2  
SECTION 18: S/2  
SECTION 19: N/2

b) EXTEND the Tapacito-Pictured Cliffs Pool to include:

TOWNSHIP 26 NORTH, RANGE 4 WEST, NMPM  
SECTION 1: ALL  
SECTION 2: ALL  
SECTION 11: N/2  
SECTION 12: ALL  
  
TOWNSHIP 27 NORTH, RANGE 4 WEST, NMPM  
SECTION 25: ALL  
SECTION 35: ALL  
SECTION 36: ALL

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

- ALLOWABLE:
- (1) Consideration of the oil allowable for April, 1964.
  - (2) Consideration of the allowable production of gas for April, 1964, from ten prorated pools in Lea and Eddy Counties, New Mexico, also consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico, for April, 1964.

CASE 2942 (De Novo): Application of Sunray DX Oil Company for the creation of new pool and for temporary pool rules, Lea County, New Mexico. Upon application of Sunray DX Oil Company, this case will be heard De Novo under the provisions of Rule 1220.

CASE 3011: Application of Shell Oil Company for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Wagontire Unit Area comprising 8054 acres, more or less, of State, Federal and fee lands in Township 23 South, Range 23 East, Eddy County, New Mexico.

CASE 3012: Southeastern New Mexico nomenclature case calling for an order for the creation and extension of certain pools in Eddy and Chavez

CASE 3012: Southeastern New Mexico nomenclature case calling for an order for the creation and extension of certain pools in Eddy and Chaves Counties, New Mexico:

a) CREATE A new gas pool for Morrow production, designated as the Cemetary-Morrow Gas Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 25 EAST, NMPM  
SECTION 17: ALL

b) CREATE A new oil pool for San Andres production, designated as the West Dayton-San Andres Pool, and described as:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM  
SECTION 33: NW/4 NE/4

c) CREATE A new gas pool for Morrow production, designated as the Loco Hills-Morrow Gas Pool, and described as:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
SECTION 16: ALL

d) CREATE A new gas pool for Morrow production, designated as the Riverside-Morrow Gas Pool, and described as:

TOWNSHIP 16 SOUTH, RANGE 27 EAST, NMPM  
SECTION 31: ALL

e) CREATE A new oil pool for Queen production, designated as the Sand Tank-Queen Pool, and described as:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM  
SECTION 7: NE/4 SE/4

f) CREATE A new oil pool for Delaware production, designated as the Sulphate Draw-Delaware Pool, and described as:

TOWNSHIP 24 SOUTH, RANGE 27 EAST, NMPM  
SECTION 29: SE/4

g) EXTEND the North Benson Queen-Grayburg Pool to include:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM  
SECTION 28: NW/4

ADDITION-----SECTION 29: S/2 NW/4

h) EXTEND the Indian Basin-Upper Pennsylvanian Gas Pool to include:

TOWNSHIP 21 SOUTH, RANGE 23 EAST, NMPM  
SECTION 26: ALL

i) EXTEND the Jackson-Abo Pool to include:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
SECTION 22: SE/4 NW/4

j) EXTEND the Linda-San Andres Pool to include:

TOWNSHIP 6 SOUTH, RANGE 26 EAST, NMPM  
SECTION 29: S/2 SE/4 and SE/4 SW/4  
SECTION 32: E/2 NE/4

## NEW POOLS

- a) It is recommended that a new gas pool be created and designated as the Cemetery-Morrow Gas Pool.

Vertical limits to be the Morrow formation and the horizontal limits should be as follows: as shown in Paragraph (a), Exhibit I

Discovery well was George R. Brown - Humble Federal #1 located in Unit I Section 17 Township 20 Range 25 and was completed on March 3, 1961 ~~with a net depth of 9346 feet~~. Top of perforations is at 9346 feet.

- b) It is recommended that a new oil pool be created and designated as the West Dayton-San Andres Pool.

Vertical limits to be the San Andres formation and the horizontal limits should be as follows: as shown in Paragraph (b), Exhibit I

Discovery well was Dr. A. S. Blauw - Cleveland #2 located in Unit B Section 33 Township 18 Range 26 and was completed on December 22, 1962 ~~with a net depth of 1438 feet~~. Top of perforations is at 1438 feet.

- c) It is recommended that a new gas pool be created and designated as the Loco Hills-Morrow Gas Pool.

Vertical limits to be the Morrow formation and the horizontal limits should be as follows: as shown in Paragraph (c), Exhibit I

Discovery well was Texaco, Inc. - Wooley Unit #1 located in Unit F Section 16 Township 17 Range 30 and was completed on January 17, 1964 ~~with a net depth of 11,102 feet~~. Top of perforations is at 11,102 feet.

NEW POOLS

- d) It is recommended that a new gas pool be created and designated as the RIVERSIDE-MORROW GAS Pool.

Vertical limits to be the Morrow formation and the horizontal limits should be as follows: as shown in Paragraph (d), Exhibit I

Discovery well was John A. Yates - Jean M. #1 located in Unit N Section 31 Township 16 Range 27 and was completed on January 7, 1964 ~~with an initial potential of \$500,000~~ Top of perforations is at 8310 feet.

- e) It is recommended that a new oil pool be created and designated as the SAND TANK-QUEEN Pool.

Vertical limits to be the Queen formation and the horizontal limits should be as follows: as shown in Paragraph (e), Exhibit I

Discovery well was CAP Drilling Company - Aston Federal #1 located in Unit I Section 7 Township 18 Range 30 and was completed on January 29, 1963 ~~with an initial potential of \$500,000~~ Top of perforations is at 2342 feet.

- f) It is recommended that a new oil pool be created and designated as the SULPHATE DRAW-DELAWARE Pool.

Vertical limits to be the Delaware formation and the horizontal limits should be as follows: as shown in Paragraph (f), Exhibit I

Discovery well was Deane H. Stoltz - Humble Federal #1 located in Unit P Section 29 Township 24 Range 27 and was completed on November 8, 1963 ~~with an initial potential of \$500,000~~ Top of perforations is at 2313 feet.

CASE 3012: (a) CREATION OF A NEW GAS POOL

COUNTY	EDDY	POOL	CEMETARY - MORROW GAS		
TOWNSHIP	20S	RANGE	25E	NMPM	
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Purpose: One completed gas well capable of producing.

Discovery Well - George R. Brown, Humble Federal, No. 1 in unit I of section 17-20-25. Completed in Morrow, March 3, 1961. Perforated interval 9346' - 9434'.

Proposed Pool Boundary colored in green. Section 17: All

CASE 3012: (b) CREATION OF A NEW OIL POOL

COUNTY EDDY POOL WEST DAYTON - SAN ANDRES

TOWNSHIP	18S	RANGE	26E	NMFM
6	5	4	3	2
7	8	9	10	11
18	17	16	15	14
19	20	21	22	23
30	29	28	27	26
31	32	33	34	35
36				

Purpose: One completed oil well capable of producing.

Discovery Well: Dr. A. S. Blauw, Cleaveland, Well #2 in unit B  
of section 33-18-26. Completed in San Andres, December 22, 1962.  
Perforated interval 1438' to 1462'.

Proposed Pool Boundary colored in green. Section 33: NW/4 NE/4



CASE 3012: (c) CREATION OF A NEW GAS POOL

COUNTY	EDDY	POOL	LOCO HILLS-MORROW GAS
TOWNSHIP	17S	RANGE	30E NMFM
6	5	4	3 2 1
7	8	9	10 11 12
18	17	16	15 14 13
19	20	21	22 23 24
30	29	28	27 26 25
31	32	33	34 35 36

Purpose: One completed gas well capable of producing.

Discovery Well - Texaco, Inc., Wooley Unit No. 1 in unit F of section 16-17-30. Completed in Morrow January 17, 1964. Perforated interval 11102' to 11143'.

Proposed Pool Boundary colored in green. Section 16: All

CASE 3012: (d) CREATION OF A NEW GAS POOL

COUNTY EDDY POOL RIVERSIDE-MORROW GAS

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

Purpose: One completed gas well capable of producing.

Discovery Well - John A. Yates, Jean M., Well No. 1 in unit N  
of section 31-16-27. Completed in Morrow, January 7, 1964.  
Bottom of casing shoe 8310.

Proposed Pool Boundary colored in green. Section 31: All

CASE 3012: (e) CREATION OF A NEW OIL POOL

COUNTY	EDDY	POOL	SAND TANK-QUEEN
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TOWNSHIP 18S RANGE 30E NMPM

A 6x6 grid with numbers 1 through 36. The numbers are arranged in a boustrophedon pattern, starting from the top right (1) and ending at the bottom left (36). A small square is located at the intersection of the 7th column and the 2nd row.

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

Purpose: One completed oil well capable of producing

Discovery Well: CAP Drilling Co. Aston Federal No. 1 in unit I of section 7-18-30. Completed in Queen, January 29, 1963. Perforated interval 2342' to 2352'.

Proposed Pool Boundary colored in green. Section 7: NE/4 SE/4

CASE 3012: (f) CREATION OF A NEW OIL POOL

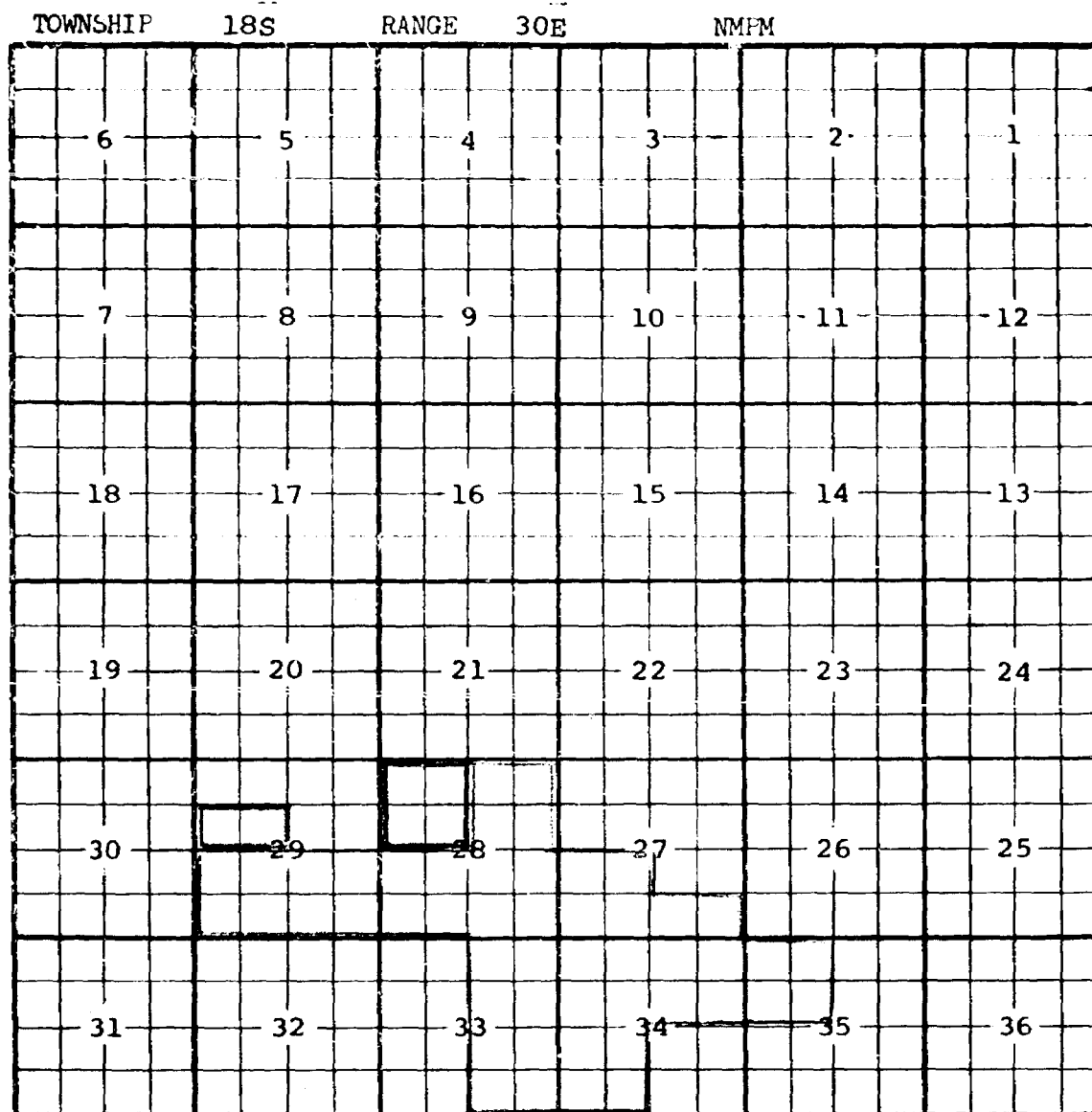
COUNTY	EDDY	POOL	SULPHATE DRAW-DELAWARE
TOWNSHIP	24S	RANGE	27E NMFM
6	5	4	3 2 1
7	8	9	10 11 12
18	17	16	15 14 13
19	20	21	22 23 24
30	29	28	27 26 25
31	32	33	34 35 36

Purpose: One completed oil well capable of producing.

Discovery Well: Deane H. Stoltz, Humble Federal No. 1 in unit P of section 29-24-27. Completed in Delaware, November 8, 1963. Bottom of casing shoe 2313'.

Proposed Pool Boundary colored in green. Section 29: SE/4

CASE 3012: (g) EXTENSION OF AN EXISTING OIL POOL  
COUNTY EDDY POOL NORTH BENSON-QUEEN-GRAYBURG



Purpose: Two completed oil wells capable of producing.

Texaco, Inc., L. R. Manning B, No. 14 in unit F of section 28-18-30. Completed in Queen-Grayburg, January 4, 1964.

Perforated interval 2658' to 3183'.

ADDITION: Sunshine Royalty Co., E.M. Elliott, Well No. 3-29 in unit F of section 29-18-30. Completed in Queen-Grayburg, January 17, 1964. Perforated interval 2798' to 2971'.

Pool Boundary colored in red.

Proposed extension colored in green. Section 28: NW/4

Addition: Section 29: S/2 NW/4

CASE 3012: (h) EXTENSION OF AN EXISTING GAS POOL

COUNTY EDDY POOL INDIAN BASIN-UPPER PENNSYLVANIAN GAS

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

Purpose: One completed gas well capable of producing.

Ralph Lowe, Indian Basin C, No. 1 in unit F, 26-21-23.

Completed in Upper Pennsylvanian, January 27, 1964.

Perforated interval 7366' to 7416'.

Pool boundary colored in red.

Proposed extension colored in green. Section 26: All

CASE 3012: (i) EXTENSION OF AN EXISTING OIL POOL

COUNTY	EDDY	POOL	JACKSON-ABO
TOWNSHIP	17S	RANGE	30E
			NMFM
6	5	4	3
7	8	9	10
18	17	16	15
19	20	21	22
30	29	28	27
31	32	33	34

Purpose: One completed oil well capable of producing.

McDonald Oil Corp., Sinclair Parke, No. 1 in unit F, of  
 section 22-17-30. Completed in Abo, January 13, 1964.  
 Perforated interval 6960' to 6976'.

Pool boundary colored in red.

Proposed extension colored in green. Section 22: SE/4 NW/4

CASE 3012: (j) EXTENSION OF AN EXISTING OIL POOL

COUNTY CHAVES POOL LINDA-SAN ANDRES

TOWNSHIP 6S RANGE 26E NMPM

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

Purpose: Two completed oil wells capable of producing.

Burleson & Huff, England Federal, Well No. 1 in unit N of  
section 29-6-26. Completed in San Andres, December 20, 1963.

Perforated interval 986' to 994'.

Burleson & Huff, George, Well No. 1 in unit H of section 32-6-26. Completed in San Andres, December 1, 1963. Top of perforations 956'.

Pool Boundary colored in red.

Proposed extension colored in green. Section 29: S/2 SE/4 &  
SE/4 SW/4

Section 32: E/2 NE/4



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

a) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, designated as the Cemetery-Morrow Gas Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 25 EAST, NMPM  
SECTION 17: All

b) CREATE A new <sup>oil</sup> pool in Eddy County, New Mexico, classified as an oil pool for San Andres production, designated as the West Dayton-San Andres Pool, and described as:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM  
SECTION 33: NW/4 NE/4

c) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, designated as the Loco Hills-Morrow Gas Pool, and described as:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
SECTION 16: All

d) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, designated as the Riverside-Morrow Gas Pool, and described as:

TOWNSHIP 16 SOUTH, RANGE 27 EAST, NMPM  
SECTION 31: All

e) CREATE A new pool in Eddy County, New Mexico, classified as an oil pool for Queen production, designated as the Sand Tank-Queen Pool, and described as:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM  
SECTION 7: NE/4 SE/4

f) CREATE A new pool in Eddy County, New Mexico, classified as an oil pool for Delaware production, designated as the Sulphate Draw-Delaware Pool, and described as:

TOWNSHIP 24 SOUTH, RANGE 27 EAST, NMPM  
SECTION 29: SE/4

g) EXTEND the North Benson Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM  
SECTION 28: NW/4

-2- March, 1964 Nomenclature

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

✓ TOWNSHIP 21 SOUTH, RANGE 23 EAST, NMPM  
SECTION 26: All

i) EXTEND the Jackson-Abo Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
SECTION 22: SE/4 NW/4

j) EXTEND the Linda-San Andres Pool in Chaves County, New Mexico, to include therein:

✓ TOWNSHIP 6 SOUTH, RANGE 26 EAST, NMPM  
SECTION 29: S/2 SE/4 and SE/4 SW/4  
SECTION 32: E/2 NE/4

DOCKET: REGULAR HEARING - WEDNESDAY - MARCH 18, 1964

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

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- ALLOWABLE:
- (1) Consideration of the oil allowable for April, 1964.
  - (2) Consideration of the allowable production of gas for April, 1964, from ten prorated pools in Lea and Eddy Counties, New Mexico, also consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico, for April, 1964.

CASE 2942 (De Novo): Application of Sunray DX Oil Company for the creation of new pool and for temporary pool rules, Lea County, New Mexico. Upon application of Sunray DX Oil Company, this case will be heard De Novo under the provisions of Rule 1220.

CASE 3011: Application of Shell Oil Company for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Wagontire Unit Area comprising 8054 acres, more or less, of State, Federal and fee lands in Township 23 South, Range 23 East, Eddy County, New Mexico.

CASE 3012: Southeastern New Mexico nomenclature case calling for an order for the creation and extension of certain pools in Eddy and Chaves Counties, New Mexico:

a) CREATE A new gas pool for Morrow production, designated as the Cemetery-Morrow Gas Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 25 EAST, NMPM  
SECTION 17: ALL

b) CREATE A new oil pool for San Andres production, designated as the West Dayton-San Andres Pool, and described as:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM  
SECTION 33: NW/4 NE/4

c) CREATE A new gas pool for Morrow production, designated as the Loco Hills-Morrow Gas Pool, and described as:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
SECTION 16: ALL

d) CREATE A new gas pool for Morrow production, designated as the Riverside-Morrow Gas Pool, and described as:

TOWNSHIP 16 SOUTH, RANGE 27 EAST, NMPM  
SECTION 31: ALL

e) CREATE A new oil pool for Queen production, designated as the Sand Tank-Queen Pool, and described as:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM  
SECTION 7: NE/4 SE/4

f) CREATE A new oil pool for Delaware production, designated as the Sulphate Draw-Delaware Pool, and described as:

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TOWNSHIP 24 SOUTH, RANGE 27 EAST, NMPM  
SECTION 29: SE/4

- g) EXTEND the North Benson Queen-Grayburg Pool to include:

*ad Johnson*

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM  
SECTION 28: NW/4

- h) EXTEND the Indian Basin-Upper Pennsylvanian Gas Pool to include:

TOWNSHIP 21 SOUTH, RANGE 23 EAST, NMPM  
SECTION 26: ALL

- i) EXTEND the Jackson-Abo Pool to include:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
SECTION 22: SE/4 NW/4

- j) EXTEND the Linda-San Andres Pool to include:

TOWNSHIP 6 SOUTH, RANGE 26 EAST, NMPM  
SECTION 29: S/2 SE/4 and SE/4 SW/4  
SECTION 32: E/2 NE/4

CASE 3013: Northwestern New Mexico nomenclature case calling for an order extending certain existing pools in Rio Arriba, San Juan, and Sandoval Counties, New Mexico.

- a) EXTEND the South Blanco-Pictured Cliffs to include:

TOWNSHIP 23 NORTH, RANGE 2 WEST, NMPM  
SECTION 5: ALL  
SECTION 6: E/2  
SECTION 7: NE/4  
SECTION 8: ALL  
SECTION 9: ALL  
SECTION 15: NE/4  
SECTION 17: W/2  
SECTION 18: S/2  
SECTION 19: N/2

- b) EXTEND the Tapacito-Pictured Cliffs Pool to include:

TOWNSHIP 26 NORTH, RANGE 4 WEST, NMPM  
SECTION 1: ALL  
SECTION 2: ALL  
SECTION 11: N/2  
SECTION 12: ALL

TOWNSHIP 27 NORTH, RANGE 4 WEST, NMPM  
SECTION 25: ALL  
SECTION 35: ALL  
SECTION 36: ALL

Docket No. 8-64

- c) EXTEND the Many Rocks-Gallup Oil Pool to include:

TOWNSHIP 31 NORTH, RANGE 16 WEST, NMPM

SECTION 8: SW/4

SECTION 16: SW/4 SW/4

SECTION 21: NW/4 NW/4

TOWNSHIP 32 NORTH, RANGE 17 WEST, NMPM

SECTION 27: SW/4 SW/4

SECTION 34: E/2 NW/4

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF THE STATE OF  
NEW MEXICO FOR THE PURPOSE  
OF CONSIDERING:

CASE NO. 3012  
ORDER NO. R-2679

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on March 18, 1964, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 31st day of March, 1964, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

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

(2) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Cemetery-Morrow Gas Pool. Said Cemetery-Morrow Gas Pool was discovered by George R. Brown, Humble Federal No. 1, located in Unit 1 of Section 17, Township 20 South, Range 25 East, NMPM. It was completed in Morrow on March 3, 1961. The top of perforations is 9346 feet.

(3) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the San Andres formation, said pool to bear the designation of West Dayton-San Andres Pool. Said West Dayton-San Andres Pool was discovered by Dr. A. S. Blauw, Cleaveland No. 2, located in Unit B of Section 33, Township 18 South, Range 26 East, NMPM. It was completed in San Andres on December 22, 1962. The top of perforations is 1438 feet.

(4) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Loco Hills-Morrow Gas Pool. Said Loco Hills-Morrow Gas Pool was discovered by Texaco, Inc., Wooley Unit No. 1, located in Unit F of Section 16, Township 17 South, Range 30 East, NMPM. It was completed in Morrow on January 17, 1964. The top of perforations is 11,102 feet.

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ORDER NO. R-2672

(5) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Riverside-Morrow Gas Pool. Said Riverside-Morrow Gas Pool was discovered by John A. Yates, Gas No. 1, located in Unit N of Section 31, Township 16 South, Range 27 East, NMPM. It was completed in Morrow on January 7, 1964. The bottom of casing shoe is 8310 feet.

(6) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Queen formation, said pool to bear the designation of Sand Tank-Queen Pool. Said Sand Tank-Queen Pool was discovered by CAF Drilling Company, Aston Federal No. 1, located in Unit I of Section 7, Township 18 South, Range 30 East, NMPM. It was completed in Queen on January 29, 1963. The top of perforations is 2342 feet

(7) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Delaware formation, said pool to bear the designation of Sulphate Draw-Delaware Pool. Said Sulphate Draw-Delaware Pool was discovered by Deane H. Stoltz, Humble Federal No. 1, located in Unit P of Section 29, Township 24 South, Range 27 East, NMPM. It was completed in Delaware on November 8, 1963. The bottom of casing shoe is 2313 feet.

(8) That there is need for certain extensions to the Linda-San Andres Pool in Chaves County, New Mexico, the North Benson Queen-Grayburg Pool, the Indian Basin-Upper Pennsylvanian Gas Pool, and the Jackson-Abo Pool, all in Eddy County, New Mexico.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 20 SOUTH, RANGE 25 EAST, NMPM  
SECTION 17: ALL

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

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM  
SECTION 33: NW/4 NE/4

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

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
SECTION 16: ALL

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

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ORDER NO. R-2679

TOWNSHIP 16 SOUTH, RANGE 27 EAST, NMM  
SECTION 31: ALL

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

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMM  
SECTION 7: NE/4 SE/4

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

TOWNSHIP 24 SOUTH, RANGE 27 EAST, NMM  
SECTION 29: SE/4

(g) That the North Benson Queen-Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMM  
SECTION 28: NW/4  
SECTION 29: S/2 NW/4

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

TOWNSHIP 21 SOUTH, RANGE 23 EAST, NMM  
SECTION 26: ALL

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

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMM  
SECTION 22: SE/4 NW/4

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

TOWNSHIP 6 SOUTH, RANGE 26 EAST, NMM  
SECTION 29: S/2 SE/4 and SE/4 SW/4  
SECTION 32: E/2 NE/4

IT IS FURTHER ORDERED:

That the effective date of this order and all creations and extensions included herein shall be April 1, 1964.



- 4 -

CASE NO. 3012  
ORDER NO. K-2575

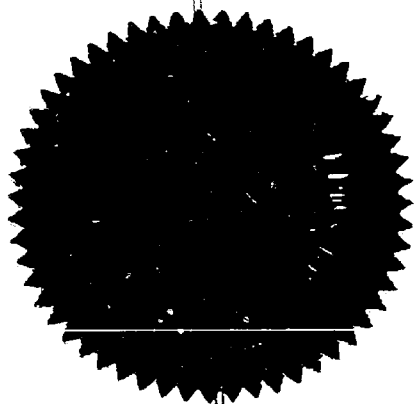
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

*Jack M. Campbell*  
JACK M. CAMPBELL, Chairman

*E. S. Walker*  
E. S. Walker, Member

*A. L. Porter, Jr.*  
A. L. Porter, Jr., Member & Secretary



BEFORE THE  
NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
March 18, 1964

REGULAR HEARING

IN THE MATTER OF:

Southeastern New Mexico nomenclature  
case calling for an order for the  
creation and extension of certain pools in  
Eddy County, and Chaves County, New  
Mexico

Case No. 2012

BEFORE: GOVERNOR JACK M. CAMPBELL,  
A. L. (PETE) PORTER, SECRETARY-DIRECTOR

TRANSCRIPT OF HEARING

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARRINGTON, N. M.  
PHONE 325-1182

SANTA FE, N. M.  
PHONE 983-3971

ALBUQUERQUE, N. M.  
PHONE 243-6691



DEARNLEY, MEIER, WILKINS and CROWNOVER

General Court Reporting Service

Suite 1120 Simms Building Albuquerque, New Mexico Phone 243-6691

BEFORE THE  
NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
March 13, 1964

REGULAR HEARING

IN THE MATTER OF:

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

CASE NO. 3012

BEFORE: HONORABLE JACK M. CAMPBELL, GOVERNOR  
A. L. (PETE) PORTER, SECRETARY-DIRECTOR

TRANSCRIPT OF HEARING

MR. PORTER: Case 3012.

MR. DURRETT: Southeastern New Mexico nomenclature case.

DANIEL S. NUTTER,

called as a witness herein, having been first duly sworn, was  
examined and testified as follows:

DIRECT EXAMINATION

BY MR. DURRETT:

Q Will you please state your name and position for the  
record?



A Dan Nutter, Chief Engineer for the Oil Conservation Commission.

Q Mr. Nutter, are you prepared to make recommendations to the Commission today concerning the creation and extension of certain pools in the Eddy and Chavez Counties, New Mexico, area?

A Yes, I am.

Q Have you prepared your recommendations in the form of an exhibit?

A Yes, I have.

Q How is that marked, Mr. Nutter?

A Identified as Exhibit Number One in Case 3012.

Q Would you please refer to Exhibit Number One and to the docket that has been prepared and distributed here today, and make any comments that you feel pertinent concerning the matter?

A Yes. I would recommend that a pool be created comprising all of Section 17, Township 20 South, Range 25 East, Eddy County, to be designated as the Cemetery-Morrow Gas Pool. This pool was discovered by George R. Brown Humble Federal Well Number One in Unit "I" of Section 17, completed in the morrow formation March 3, 1961. The top of the perforations is 9,346 feet.

I recommend that another pool be created to be designated as the West-Dayton-San Andres Pool, comprising the Northwest Quarter of the Northeast Quarter of Section 33, Township 18 South, Range 26 East, Eddy County. This pool was discovered by Dr. A. S.



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Albuquerque, New Mexico

Phone 243-6691

Blaauw, Cleveland Well Number Two in Unit "B" of Section 33, and it was completed in the San Andres formation December 22, 1962. Top of the perforations is 1438 feet.

I would recommend that a new gas pool, designated as the Loco Hills-Morrow Gas Pool, be created comprising all of Section 16, Township 17 South, Range 30 East, Eddy County. The pool was discovered by Texaco, Inc., Wooley Unit Well Number One in Unit "F" of Section 16, and completed in the Morrow section January 17, 1964. Top of the perforations, 11,102 feet.

I recommend that the Riverside-Morrow Gas Pool be created comprising all of Section 31, Township 16 South, Range 27 East. The pool was discovered by John Yates, General "M" Well Number One, located in Unit "N" of Section 31, completed in the Morrow January 7, 1964, and the bottom of the casing shoe is 8,310 feet.

I recommend that the Sand Tank-Queen Pool be created comprising the Southeast Quarter of the Northeast Quarter of Section 17, Township 18 South, Range 30 East, Eddy County. The pool was discovered by CAP Drilling Company, Unit "I" of Section 8, completed in the Queen formation January 29, 1963, and the top of the perforations is 2,342 feet.

I would recommend that the Sulphate Draw-Delaware Pool be created comprising the Southeast Quarter of Section 29, Township 24 South, Range 27 East, Eddy County. The Pool was discovered by Dean



Stoltz, Humole Federal Number One, Unit "P" of Section 29, completed in the Delaware November 8, 1963. depth of casing shoe 2,313 feet.

Recommend that the extensions of the pools be as shown on the exhibit, which is identical to the docket in extensions in every respect, except that Paragraph "G" has an additional extension. The docket and the exhibit, or the docket shows the Northwest Quarter of Section 28, Township 18 South, Range 30 East, be added to the North Benson Queen-Grayburg Pool. I would also recommend that the South Half of the Northwest Quarter of Section 29 be added to that pool.

With the exception of that one pool, all these other extensions will be as on the docket and on the exhibit.

Q When you speak of the extensions, Mr. Nutter, you are speaking of Paragraphs "G", "H", "I", and "J" on the docket?

A That's correct.

Q And are those also in paragraphs on your exhibit?

A They are.

Q Mr. Nutter, was Exhibit Number One prepared by you or under direction?

A Yes, sir.

MR. DURRETT: If the Commission please, I move the introduction of Exhibit One and this concludes my examination of Mr. Nutter.



MR. PORTER: Without objection, the exhibit will be admitted to the record. Does anyone have a question of Mr. Nutter? He may be excused. Does anyone have anything further to offer in Case 30127?

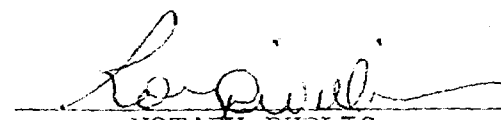
The Commission will take the case under advisement.

\* \* \* \*

STATE OF NEW MEXICO {  
COUNTY OF BERNALILLO {

I, ROY D. WILKINS, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me, and that the same is a true and correct record of the said proceedings, to the best of my knowledge, skill, and ability.

WITNESS my Hand and Seal of Office, this 23rd day of March, 1964.

  
NOTARY PUBLIC

My Commission Expires:  
September 6, 1967.

DEARNLEY, MEIER, WILKINS and CROWNOVER

General Court Reporting Service

Suite 1120 Simms Building Albuquerque, New Mexico Phone 243-6691



IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF THE STATE OF  
NEW MEXICO FOR THE PURPOSE  
OF CONSIDERING:

CASE NO. 3012  
ORDER NO. R-2679

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on March 18, 1964, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this \_\_\_\_\_ day of March, 1964, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

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

(2) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Cemetery-Morrow Gas Pool. Said Cemetery-Morrow Gas Pool was discovered by George R. Brown, Humble Federal No. 1, located in ~~the SE 1/4~~ Unit I of Section 17, Township 20 South, Range 25 East, NMPM. It was completed in Morrow on March 3, 1961. The top of perforations is 9346 feet.

(3) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the San Andres formation, said pool to bear the designation of West Dayton-San Andres Pool. Said West Dayton-San Andres Pool was discovered by Dr. A. S. Blauw, Cleaveland No. 2, located in ~~the NE 1/4~~ Unit B of Section 33, Township 18 South, Range 26 East, NMPM. It was completed in San Andres on December 22, 1962. The top of perforations is 1438 feet.

(4) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Loco Hills-Morrow Gas Pool. Said Loco Hills-Morrow Gas Pool was discovered by Texaco, Inc., Wooley Unit No. 1, located in ~~the NW 1/4~~ Unit F of Section 16, Township 17 South, Range 30 East, NMPM. It was completed in Morrow on January 17, 1964. The top of perforations is 11,102 feet.

(5) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Riverside-Morrow Gas Pool. Said Riverside-Morrow Gas Pool was discovered by John A. Yates, Jean M. No. 1, located in ~~the SW 1/4~~ Unit N of Section 31, Township 16 South, Range 27 East, NMPM. It was completed in Morrow on January 7, 1964. The bottom of casing shoe is 3310 feet.

(6) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Queen formation, said pool to bear the designation of Sand Tank-Queen Pool. Said Sand Tank-Queen Pool was discovered by CAP Drilling Company, Aston Federal No. 1, located in ~~the SE 1/4~~ Unit I of Section 7, Township 13 South, Range 30 East, NMPM. It was completed in Queen on January 29, 1963. The top of perforations is 2342 feet.



(7) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Delaware formation, said pool to bear the designation of Sulphate Draw-Delaware Pool. Said Sulphate Draw-Delaware Pool was discovered by Deane H. Stoltz, Humble Federal No. 1, located in ~~the SE/4~~ Unit P of Section 29, Township 24 South, Range 27 East, NMPM. It was completed in Delaware on November 8, 1963. The bottom of casing shoe is 2313 feet.

(8) That there is need for certain extensions to the Linda-San Andres Pool in Chaves County, New Mexico, the North Benson-Queen-Grayburg Pool, the Indian Basin-Upper Pennsylvanian Gas Pool, and the Jackson-Abo Pool, all in Eddy County, New Mexico.

IT IS THEREFORE ORDERED:

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

✓ TOWNSHIP 20 SOUTH, RANGE 25 EAST, NMPM  
SECTION 17: All

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

✓ TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM  
SECTION 33: NW/4 NE/4

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

✓ TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
SECTION 16: All

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

✓ TOWNSHIP 16 SOUTH, RANGE 27 EAST, NMPM  
SECTION 31: All

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

✓ TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM  
SECTION 7: NE/4 SE/4

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

✓ TOWNSHIP 24 SOUTH, RANGE 27 EAST, NMPM  
SECTION 29: SE/4

(g) That the North Benson-Queen-Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM  
SECTION 28: NW/4  
SECTION 29: S/2 NW/4

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

✓ TOWNSHIP 21 SOUTH, RANGE 23 EAST, NMPM  
SECTION 26: All

CASE NO. 3012

ORDER NO. R-

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

✓ TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
SECTION 22: SE/4 NW/4

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

✓ TOWNSHIP 6 SOUTH, RANGE 26 EAST, NMPM  
SECTION 29: S/2 SE/4 and SE/4 SW/4  
SECTION 32: E/2 NE/4

IT IS FURTHER ORDERED:

That the effective date of this order and all creations and extensions included herein shall be April 1, 1964.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

JACK M. CAMPBELL, Chairman

E. S. Walker, Member

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

S E A L