

CASE 2121:

NORTHWESTERN NEW MEXICO
MENCLATURE

Casa No.

~~2121~~ 2121

Application, Transcript,
Small Exhibits, Etc.

NO. 33-60

DOCKET: REGULAR HEARING, WEDNESDAY, NOVEMBER 16, 1960

OIL CONSERVATION COMMISSION - 9 A.M. - MABRY HALL, STATE CAPITOL, SANTA FE, N.M.

- ALLOWABLE:
- (1) Consideration of the oil allowable for December, 1960.
 - (2) Consideration of the allowable production of gas for December, 1960, for six prorated pools in Lea County, New Mexico, and also presentation of purchasers' nominations for the six-month period beginning January 1, 1961 for that area. Consideration of the allowable production of gas for eight prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico for December 1960.

NEW CASES

- CASE 2118: Application of The Ohio Oil Company for the promulgation of temporary special rules and regulations governing the Lea-Devonian Pool, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order promulgating temporary special rules and regulations governing the Lea-Devonian Pool, Lea County, New Mexico, including a provision for 80-acre proration units.
- CASE 2119: Application of The Ohio Oil Company for the creation of a new oil pool for Bone Springs production and for the promulgation of temporary special rules and regulations governing said pool. Applicant, in the above-styled cause, seeks an order creating a new oil pool for Bone Springs production to be designated the Lea-Bone Springs Pool and to comprise the SW/4 of Section 12, Township 20 South, Range 34 East, Lea County, New Mexico. Applicant further seeks the promulgation of temporary special rules and regulations governing said pool including a provision for 80-acre proration units.
- CASE 2120: Southeastern New Mexico nomenclature case calling for an order creating new pools and extending existing pools in Chaves, Eddy, Lea and Roosevelt Counties, New Mexico:
- (a) Create a new oil pool for San Andres production, designated as the West Bitter Lake-San Andres Pool, and described as:

Township 10 South, Range 25 East, NMPM
Section 17: SE/4

- (b) Create a new gas pool for Pennsylvanian production, designated as the Black River-Pennsylvanian Gas Pool, and described as:

Township 24 South, Range 26 East, NMPM
Section 12: SE/4

- (c) Create a new gas pool for Ellenburger production, designated as the Custer-Ellenburger Gas Pool, and described as:

Township 24 South, Range 36 East, NMPM
Section 36: NW/4

- (d) Create a new oil pool for Pennsylvanian production, designated as the South Prairie-Pennsylvanian Pool, and described as:

Township 8 South, Range 36 East, NMPM
Section 20: NE/4

- (e) Delete certain portions of the Middle Lynch-Yates Pool, described as:

Township 20 South, Range 34 East, NMPM
Section 15: W/2 SW/4
Section 16: SE/4
Section 21: E/2 NW/4, S/2 NE/4, and SE/4
Section 22: W/2 NW/4, W/2 SE/4, and SW/4

- (f) Extend the Allison-Pennsylvanina Pool, to include:

Township 8 South, Range 36 East, NMPM
Section 36: SE/4

- (g) Extend the South Bitter Lake-San Andres Pool, to include:

Township 10 South, Range 25 East, NMPM
Section 22: S/2 SW/4 and SW/4 SE/4

- (h) Extend the Caprock-Queen Pool, to include:

Township 12 South, Range 31 East, NMPM
Section 35: SE/4 SE/4

- (i) Extend the Caudill-Wolfcamp Pool, to include:

Township 15 South, Range 36 East, NMPM
Section 21: NW/4

- (j) Extend the Cedar Lake-Abo Pool, to include:

Township 17 South, Range 31 East, NMPM
Section 20: S/2 SE/4
Section 29: N/2 NE/4

- (k) Extend the Eagle Creek-San Andres Pool, to include:

Township 17 South, Range 25 East, NMPM
Section 14: SW/4

- (l) Extend the East E.K-Queen Pool, to include:

Township 18 South, Range 34 East, NMPM
Section 22: NW/4 SE/4

- (m) Extend the Southwest Gladiola-Devonian Pool, to include:

Township 12 South, Range 37 East, NMPM
Section 35: N/2 NW/4

- (n) Extend the Langlie Mattix Pool to include:

Township 22 South, Range 37 East, NMPM
Section 29: N/2 NW/4 and SW/4 NW/4

- (o) Extend the Lynch-Yates Pool to include:

Township 20 South, Range 34 East, NMPM
Section 22: S/2 S/2
Section 26: SE/4 and W/2 NE/4
Section 27: N/2
Section 28: E/2 SW/4

- (p) Extend the Mescalero-Devonian Pool to include:

Township 10 South, Range 32 East, NMPM
Section 27: NW/4

(q) Extend the Pearl-Queen Pool to include:

Township 20 South, Range 35 East, NMPM

Section 3: W/2 W/2

Section 4: E/2 NE/4 and SE/4

(r) Extend the North Square Lake-Grayburg Pool to include:

Township 16 South, Range 31 East, NMPM

Section 9: SE/4 NE/4

(s) Extend the Tubb Gas Pool to include:

Township 22 South, Range 38 East, NMPM

Section 18: SE/4

CASE 2121:

Northwestern New Mexico nomenclature case calling for an order for the creation of a new pool and for extending existing pools in San Juan and Rio Arriba Counties, New Mexico.

(a) Create a new pool classified as an oil pool for Gallup production, designated as the Kutz-Gallup Oil Pool and described as:

Township 27 North, Range 11 West, NMPM,

Section 2: N/2 & SW/4

Section 4: S/2 & NW/4

Section 5: All

Section 9: N/2 & SE/4

Section 10: N/2

Section 11: NW/4

Township 28 North, Range 11 West, NMPM,

Section 31: SE/4

Section 32: SW/4

(b) Extend the South Blanco-Pictured Cliffs Pool, to include:

Township 25 North, Range 4 West, NMPM,

Section 13: N/2

Township 26 North, Range 5 West, NMPM,

Section 10: SW/4

Township 28 North, Range 6 West, NMPM,

Section 35: E/2

(c) Extend the Otero-Chacra Pool, to include:

Township 24 North, Range 5 West, NMPM,
Section 4: NW/4

Township 25 North, Range 5 West, NMPM,
Section 33: SW/4

(d) Extend the Cha Cha-Gallup Oil Pool, to include:

Township 28 North, Range 13 West, NMPM,
Section 7: E/2 (Partial)
Section 8: W/2 (Partial)

Township 29 North, Range 13 West, NMPM,
Section 31: SW/4

Township 29 North, Range 14 West, NMPM,
Section 20: NE/4
Section 21: S/2 & NW/4
Section 22: SW/4
Section 25: SW/4
Section 26: S/2 & NW/4
Section 27: All
Section 28: N/2
Section 36: N/2 & SE/4

(e) Extend the Devils Fork-Gallup Pool, to include:

Township 24 North, Range 7 West, NMPM,
Section 11: E/2 NE/4

(f) Extend the Verde-Gallup Oil Pool, to include:

Township 30 North, Range 15 West, NMPM,
Section 5: S/2 SW/4

Township 31 North, Range 14 West, NMPM,
Section 22: SW/4 NW/4

CASE 2089:

(De Novo)

Application of Val R. Reese & Associates, Pan American Petroleum Corporation, El Paso Natural Gas Company and Redfern and Herd for a hearing de novo in Case 2089 which was an application for special rules and regulations governing the drilling, spacing and production of oil and gas wells in the Escrito-Gallup Oil Pool, Rio Arriba County, New Mexico.

(•) Create a new pool in San Juan County 2121.

New Mexico, classified as an oil pool for Gallup

production, designated as the Kutz-Gallup Oil Pool and

described as:

TOWNSHIP 27 NORTH, RANGE 11 WEST, NMPH.

Section 2: N/2 & SW/4

Section 4: S/2 & NW/4

Section 5: All

Section 9: N/2 & SE/4

Section 10: N/2

Section 11: NW/4

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPH.

Section 31: SE/4

Section 32: SW/4

Based On:

Discovery well:

EPNG Prod. #1 Frontier "B"

P-9-27N-11W

IP 30 BOPD

Completed: 4-11-58

Top Perf: 5818'

1960 NOV 2 AM 8:45

MAIN OFFICE 000

(b) Extend the South Blanco-Pictured Cliffs Pool
boundary in Rio Arriba & San Juan Count ies,

New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 4 WEST, NMPH,
Section 13: N/2

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPH,
Section 10: SW/4

TOWNSHIP 28 NORTH, RANGE 6 WEST, NMPH,
Section 35: E/2

Based on:

(c) Extend the Otero-Chacra Pool
boundary in Rio Arriba Count y,
New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 5 WEST, NMPH.
Section 4: NW/4

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPH.
Section 33: SW/4

Based on:

(d) Extend the Che Ch₂-Gallup Oil Pool
boundary in San Juan Count^y,
New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 13 WEST, NMPH.
Section 7: E/2 (partial)
Section 8: W/2 (partial)

TOWNSHIP 29 NORTH, RANGE 13 WEST, NMPH.
Section 31: SW/4

TOWNSHIP 29 NORTH, RANGE 14 WEST, NMPH.
Section 20: NE/4
Section 21: S/2 & NW/4
Section 22: SW/4
Section 25: SW/4
Section 26: S/2 & NW/4
Section 27: All
Section 28: W/2
Section 36: N/2 & SE/4

Based on:

(•) Extend the Devils Fork-Gallup Pool
boundary in Rio Arriba Count Y,
New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 7 WEST, NMPM,
Section 11: E/2 NE/4

Based on:

(f) Extend the Verde-Gallup Oil Pool
boundary in San Juan Count y,

New Mexico, to include therein:

TOWNSHIP 30 NORTH, RANGE 15 WEST, NMPM.
Section 5: S/2 SW/4

TOWNSHIP 31 NORTH, RANGE 14 WEST, NMPM.
Section 22: SW/4 NW/4

Based on:

The following is recommended for the northwest nomenclature case:

- (a) Create a new pool in San Juan County, New Mexico, classified as an oil pool for Gallup production, designated as the Kutz-Gallup Oil Pool and described as:

TOWNSHIP 27 NORTH, RANGE 11 WEST, NMPM

Section 2: N/2 & SW/4

Section 4: S/2 & NW/4

Section 5: All

Section 9: N/2 & SE/4

Section 10: N/2

Section 11: NW/4

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPM

Section 31: SE/4

Section 32: SW/4

based on:

Discovery well:

El Paso Nat. Gas Products #1 Frontier "B"

P-9-27N-11W

IP 30 BOPD

Completed 4-11-58

Top Perforations 5818'.

Tennessee Gas Transmission Company #1 Bolack Gas Unit "A"

B-2-27N-11W

IP 104 BOPD

El Paso Natural Gas Products #3 Frontier "B"

E-4-27N-11W

IP 33 BOPD

El Paso Nat. Gas Products #4 Frontier "B"

M-4-27N-11W

IP 240 BOPD

El Paso Natural Gas Products #1 Frontier Pooled Unit "E"

O-4-27N-11W

IP 96 BOPD

El Paso Natural Gas Products #3 Frontier "C"

E-5-27N-11W

IP 100 BOPD

El Paso Natural Gas Products #4 Frontier "C"

G-5-27N-11W

IP 200 BOPD

El Paso Natural Gas Products #2 Frontier "C"

I-5-27N-11W

IP 216 BOPD

Aztec Oil & Gas #1 Santa Fe "G"

K-5-27N-11W

IP 84 BOPD

El Paso Natural Gas Products #5 Frontier "B"

A-9-27N-11W

IP 158 BOPD

El Paso Natural Gas Products #2 Frontier "D"

D-9-27N-11W

IP 305 BOPD

plus 14
other wells

Western Natural Gas #1 Schlosser-Federal
C-10-27N-11W
IP 319 BOPD

British-American Oil Producing Company #6 Fullerton-Government
E-11-27N-11W
IP 18 BOPD

Pan American Petroleum #88 Gallegos Canyon Unit
O-31-28N-11W
IP 65 BOPD

Western Natural Gas #1 Krause-Federal
M-32-28N-11W
IP 130 BOPD

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

3 wells

TOWNSHIP 25 NORTH, RANGE 4 WEST, NMPM
Section 13: N/2

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM
Section 10: SW/4

TOWNSHIP 28 NORTH, RANGE 6 WEST, NMPM
Section 35: E/2

based on:

Arizona Explorations #3 Jicarilla Apache "M"
A-13-25N-4W
AOF 2061 MCFPD, SICP 1013#/9 days

Aztec Oil & Gas #3 Jicarilla "B"
M-10-26N-5W
AOF 2328 MCFPD, SICP 905#/7 days

El Paso Natural Gas #97 San Juan Unit 28-6
E-35-28N-6W
AOF 5626 MCFPD, SICP 1104#/59 days.

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

1 well

TOWNSHIP 24 NORTH, RANGE 5 WEST, NMPM
Section 4: NW/4

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM
Section 33: SW/4

based on:

Aspen Crude Purchasing #1-4 Jicarilla
D-4-24N-5W
AOF 502 MCFPD, SICP 625#/7 days

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

plus
NE 1/4 21 7 29N 11W
NE 1/4 26
16 wells

TOWNSHIP 28 NORTH, RANGE 13 WEST, NMPM
Section 7: E/2 (partial)
Section 8: W/2 (partial)

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TOWNSHIP 29 NORTH, RANGE 13 WEST, NMPN
Section 31: SW/4

TOWNSHIP 29 NORTH, RANGE 14 WEST, NMPN
Section 20: NE/4
Section 21: S/2 & NW/4 ///
Section 22: SW/4
Section 25: SW/4
Section 26: S/2 & NW/4 ///
Section 27: All
Section 28: N/2
Section 36: N/2 & SE/4

plus the following acreage not shown on the docket:

TOWNSHIP 29 NORTH, RANGE 14 WEST, NMPN
Section 21: NE/4
Section 26: NE/4

based on:

Pan American #1 Navajo "G"
A-20-29N-14W
IP 136 BOPD

Pan American #5 Navajo "E"
H-21-29N-14W
IP 178 BOPD

Pan American #4 Navajo "E"
C-21-29N-14W
IP 203 BOPD

Pan American #2 Navajo "E"
I-21-29N-14W
IP 101 BOPD

Pan American #3 Navajo "E"
K-21-29N-14W
IP 164 BOPD

Pan American #1 Navajo "E"
N-22-29N-14W
IP 147 BOPD

Humble Oil & Refining #1 Navajo "L"
E-26-29N-14W
IP 241 BOPD

Humble Oil & Refining #3 Navajo "L"
G-26-29N-14W
IP 263 BOPD

Humble Oil & Refining #2 Navajo "L"
M-26-29N-14W
IP 250 BOPD

Humble Oil & Refining #4 Navajo "L"
O-26-29N-14W
IP 332 BOPD

El Paso Nat. Gas Products #1 Ojo Amarillo
A-27-29N-14W
IP 304 BOPD

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Case No. 2121

El Paso Natural Gas Products #2 Ojo Amarillo
C-27-29N-14W
IP 231 BOPD

El Paso Nat. Gas Products #3 Ojo Amarillo
I-27-29N-14W
IP 143 BOPD

El Paso Nat. Gas Products #4 Ojo Amarillo
K-27-29N-14W
IP 400 BOPD

El Paso Nat. Gas Products #5 Ojo Amarillo
L-28-29N-14W
IP 337 BOPD

El Paso Nat. Gas Products #6 Ojo Amarillo
O-28-29N-14W
IP 432 BOPD

- (e) Extend the Devils Fork-Gallup Pool boundary in Rio Arriba County, New Mexico, to include therein:

1 well

TOWNSHIP 24 NORTH, RANGE 7 WEST, NMPM
Section 11: E/2 NE/4

based on:

Pan American #2 Dashko "D"
H-11-24N-7W
IP 94 BOPD

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

2 wells

TOWNSHIP 30 NORTH, RANGE 15 WEST, NMPM
Section 5: S/2 SW/4

TOWNSHIP 31 NORTH, RANGE 14 WEST, NMPM
Section 22: SW/4 NW/4

based on:

El Paso Nat. Gas Products #9 Malco Cop. 1a
M-5-30N-15W
IP 60 BOPD

Mobil Oil Co. #13 Ute Mountain
E-22-31N-14W
IP 39 BOPD

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. 2121
Order No. R-1825

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on November 16, 1960, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 21st day of November, 1960, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

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

(2) That there is need for the creation of a new pool in San Juan County, New Mexico, for the production of oil from the Gallup formation, said pool to bear the designation Kutz-Gallup Oil Pool. Said Kutz-Gallup Oil Pool was discovered by El Paso Natural Gas Products Company, Frontier "B" Well No. 1, located in the SE/4 SE/4 of Section 9, Township 27 North, Range 11 West, NMPM. It was completed April 11, 1958. The top of the perforations is at 5818 feet.

(3) That there is need for certain extensions to the Devils Fork-Gallup Oil Pool and the Otero-Chacra Pool in Rio Arriba County, New Mexico, to the Cha Cha-Gallup Oil Pool and the Verde-Gallup Oil Pool in San Juan County, New Mexico and to the South Blanco-Pictured Cliffs Pool in Rio Arriba and San Juan Counties, New Mexico.

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CASE No. 2121
Order No. R-1825

IT IS THEREFORE ORDERED:

(a) That a new pool in San Juan County, New Mexico, classified as an oil pool for Gallup production, be and the same is hereby created and designated as the Kutz-Gallup Oil Pool, consisting of the following described area:

TOWNSHIP 27 NORTH, RANGE 11 WEST, NMPM

Section 2: N/2 and SW/4
Section 4: S/2 and NW/4
Section 5: All
Section 9: N/2 and SE/4
Section 10: N/2
Section 11: NW/4

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPM

Section 31: SE/4
Section 32: SW/4

(b) That the South Blanco-Pictured Cliffs Pool in Rio Arriba and San Juan Counties, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 25 NORTH, RANGE 4 WEST, NMPM

Section 13: E/2

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM

Section 10: SW/4

TOWNSHIP 28 NORTH, RANGE 6 WEST, NMPM

Section 35: E/2

(c) That the Otero-Chacra Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 24 NORTH, RANGE 5 WEST, NMPM

Section 4: NW/4

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM

Section 33: SW/4

(d) That the Cha Cha-Gallup Oil Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 28 NORTH, RANGE 13 WEST, NMPM

Section 7: E/2 (partial)
Section 8: W/2 (partial)

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CASE No. 2121
Order No. R-1825

TOWNSHIP 29 NORTH, RANGE 13 WEST, NMPM
Section 31: SW/4

TOWNSHIP 29 NORTH, RANGE 14 WEST, NMPM
Section 20: NE/4
Section 21: All
Section 22: SW/4
Section 25: SW/4
Section 26: All
Section 27: All
Section 28: N/2
Section 36: N/2 and SE/4

(e) That the Devils Fork-Gallup Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 24 NORTH, RANGE 7 WEST, NMPM
Section 11: E/2 NE/4

(f) That the Verde-Gallup Oil Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

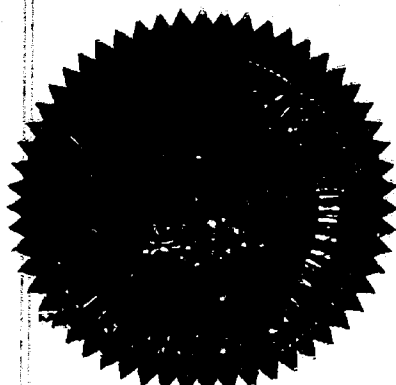
TOWNSHIP 30 NORTH, RANGE 15 WEST, NMPM
Section 5: S/2 SW/4

TOWNSHIP 31 NORTH, RANGE 14 WEST, NMPM
Section 22: SW/4 NW/4

IT IS FURTHER ORDERED:

That the effective date of this order and of all the creations and extensions included herein shall be December 1, 1960.

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



STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

John Burroughs
JOHN BURROUGHS, Chairman

Murray E. Morgan
MURRAY E. MORGAN, Member

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

esr/

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
November 16, 1960

IN THE MATTER OF:

NORTHWESTERN NEW MEXICO NOMENCLATURE CASE
calling for an order for the creation of a
new pool and for extending existing pools
in San Juan and Rio Arriba Counties, New
Mexico.

CASE

No. 2121

BEFORE:

Mr. A. L. Porter
Mr. Murray Morgan

TRANSCRIPT OF PROCEEDINGS

MR. PORTER: Next case on the docket, 2121, Northwestern
New Mexico nomenclature case.

(Witness sworn.)

A. R. KENDRICK

a witness, called by and on behalf of the Oil Conservation Commis-
sion, was duly sworn, and testified as follows:

DIRECT EXAMINATION

BY MR. PAYNE:

Q Will the witness please state his name and position?

A A. R. Kendrick, Engineer, Oil Commission.

Q Have you made a study concerning the necessity or desira-
bility of creating a new pool or extending existing pools in San
Juan and Rio Arriba Counties, New Mexico?



A I have.

Q What are your recommendations concerning the creation of a new pool for Gallup production?

A I recommend that a new pool be created in San Juan County for the production of oil from the Gallup formation, known as the Kutz-Gallup Oil Pool, based on a discovery well, El Paso Natural Gas Products Company No. 1, Frontier "B" located in Unit P of 9, 27 North, 11 West; initial potential 30 barrels of oil per day; completed April 11, 1958, top perforation 5818 feet, vertical limits of this pool to be the Gallup formation; horizontal limits as shown on the docket for this case. There are fourteen other wells producing in the area identified on the docket.

Q What are your recommendations concerning the extension of the South Blanco-Pictured Cliffs Pool?

A That the South Blanco-Pictured Cliffs Pool be extended as shown in Paragraph B of Exhibit 1, on the basis of three wells completed therein.

Q What are your recommendations concerning extension of the Otero-Chacra Pool?

A That the pool be extended as shown in Paragraph C of Exhibit 1 on the basis of one well completed therein.

Q What are your recommendations concerning the extension of the Cha Cha-Gallup Oil Pool?

A That the Cha Cha-Gallup Oil Pool be extended as shown in Paragraph D of Exhibit 1, which includes acreage not shown on the



docket as follows: Township 29 North, Range 14 West, Section 21, Northeast 1/4; Section 26, Northeast 1/4, based on 16 wells completed therein.

Q What are your recommendations concerning extension of the Devils Fork-Gallup Pool?

A That it be extended as shown in Paragraph E of Exhibit 1, on the basis of one well completed therein.

Q What are your recommendations concerning the Verde-Gallup Oil Pool?

A That it be extended as shown in Paragraph F of Exhibit 1, on the basis of two wells completed therein.

MR. PAYNE: I move the introduction of Exhibit Number 1 in Case 2121.

MR. PORTER: Without objection the Exhibit will be admitted to the record. Does anyone have any questions? The witness may be excused.

(Whereupon, the hearing was adjourned at 6:30 o'clock P.M.)

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO



STATE OF NEW MEXICO)
) ss
 COUNTY OF BERNALILLO)

I, JUNE PAIGE, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing was reported by me in Stenotype, and that the same was reduced to typewritten transcript under my supervision, and contains a true and correct record of said proceedings, to the best of my knowledge, skill and ability.

DATED this 29th day of December, 1960, in the City of Albuquerque, County of Bernalillo, State of New Mexico.

June Paige
 NOTARY PUBLIC

My Commission Expires:

May 11, 1964.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO

