CASE 2308:

MORTHWESTERN NEW MEXICO MOMENCLATURE

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DEFORE THE OIL COMBERVATION CONCISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE MEARING CALLED BY THE OIL COMMERVATION COMMISSION OF THE STATE OF MEN MEXICO FOR THE FURPOSE OF COMMISSIONS:

> CASE No. 2308 Order No. R-2000

THE APPLICATION OF THE OIL COMBERVATION COMMISSION UPON ITS OWN MOTION FOR AN ORDER EXPENDING CHEMAIN POOLS IN RIO ARRIBA, SAMBOVAL AND SAN JUAN COUNTIES, NEW NEXTCO.

ORDER OF THE CONMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on June 14, 1961, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

MCW, on this 16th day of June, 1961, 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,

FIRDS:

- (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 certain extensions to the Cha Cha-Gallup Oil Pool, to the Horseshoe-Gallup Oil Pool, to the Shiprock-Gallup Oil Pool and to the Totah-Gallup Oil Pool in San Juan County, New Mexico, and to the Ballard-Pictured Cliffs Pool in Rio Arriba, Sandoval and San Juan Counties, New Mexico.

IT IS THEREFORE CHORRED:

(a) That the Ballard-Pictured Cliffs Pool in Rio Arriba, Sandoval and San Juan Counties, New Mexico, as heretofore classified, defined, and described, he and the same is hereby extended to include therein:

TOWNSHIP 26 HORTH, RANGE 7 WEST, HMPM Section 19: SW/4

(b) That the Cha-Gallup Gil Pool in San Juan County, New Mexico, as heretofore classified, defined, and described,

CASE No. 2308 Order No. R-2000

be and the same is hereby extended to include therein:

FORMULE 29 HOURS, SAME 14 WEST, MADE Section 22: MW/4 and W/2 MW/4 Section 34: E/2 HW/4

(c) That the Morseshoe-Sallup Oil Pool in San Juan County, New Newico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TORREST 30 HONTH, BANGE 16 MEST, MAPN Section 2: ME/4 MM/4 and MM/4 ME/4

rowmerry 31 Months, RANGE 16 WEST, HIGH Section 26: 8/2 SW/4 and SW/4 SE/6

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

TOWNSHIP 29 MORTE, MARGE 18 WEST, MAPPE Section 16: NW/4 SW/4 Section 17: H/2 SW/4 and NW/4 SW/4

(e) That the Totah-Gallup Oil Pool in Sun Juan County, New Mexico, as heretofore classified, defined, and described, he and the same is hereby extended to include therein:

TORRETT 29 MORTE, DANGE 13 MRST, HMSM Section 19: HM/4 Section 20: W/2 SE/4 Section 30: E/2 HM/4 Section 35: W/2 SW/4

TOWNSHIP 29 MONTH, MANGE 14 WEST, MINPA Section 24: E/2 ME/4

IT IS FURTHER CREEKED:

That the effective date of this order and all the extensions herein shall be July 1, 1961.

BONE at Samta Fe, New Mexico, on the day and year herein-above designated.

STATE OF NEW MENTOD

OIL COMMENSATION COMMISSION

ENTEN I. MICHEN, Chairman

Ca malker

E. S., WALKER, Monther

A. L. Chitu, A.

A. I. FORTER, 32., Monther &

OSE/

NMOCC Exhibit No. 1 Case No. 2308

The following is recommended for the Northwest Nomenclature case for June, 1961?

(a) Extend the Ballard-Pictured Cliffs Pool boundary in Rio Arriba, Sandoval, and San Juan Counties, New Mexico, to include therein?

TOWNSHIP 26 NORTH, RANGE 7 WEST, MMPM Section 19: SW/4

based on!

Kay Kimbell #5 Liberman N-19-26N-7W IP 2139 MCFPD

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

TOWNSHIP 29 NORTH, RANGE 14 WEST, NMPM Section 22: NW/4 & W/2 NE/4 Section 34: E/2 NE/4

based on?

Pan American Petroleum #8 Navajo "E" E-22-29N-14V IP 237 BOPD

Pan American #9 Navajo "K" G-22-29N-14W IP 12 BOPD

Il Paso Natural Gas Products #7 0jo Amarillo A-34-29N-14W IP 45 BOPD

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

TOWNSHIP 30 NORTH, RANGE 16 WEST, NMPM Section 2: NE/4 NW/4 & NW/4 NE/4

TOWNSHIP 31 NORTH, RANGE 16 West, NMPM Section 26: S/2 SW/4 & SW/4 SE/4

based on:

El Paso Natural Gas Products #3 Navajo Lowe B-2-30N-16W IP 18 BOPD

Atlantic Refining #8 Ute M-26-31N-16W IP 8 BOPD

Atlantic Refining #18 Ute N=26-31N-16W IP 20 BOPD

Atlantic Refining #19 Ute 0-26-31N-16W IP:30 BOPD (d) Extend the Shiprock-Gallup Oil Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 29 NORTH, RANGE 18 WEST, NMPM Section 16: NW/4 SW/4 Section 17: N/2 SE/4 & NE/4 SW/4

baced one

Royal Development #3 Shiprock Navajo 16 "L" L-16-29N-18W
IP 10 BOPD

Royal Development #7 Shiprock Navajo 16 "L" L-16-29N-18W
IP 3 BOPD

Royal Development #8 Shiprock Navajo 16 *L* L-16-29N-18W
IP 5 BOPD

Royal Development #1 Shiprock Navajo 17 "I" I-17-29N-18W
IP 8 BOPD

Royal Development #2 Shiprock Navajo 17 "I" I-17-29N-18W IP 8 BOPD

Royal Development #3 Shiprock Navajo 17 "I" I-17-29N-18W
IP 12 BOPD

Royal Development #4 Shiprock Navajo 17 *I* I-17-29N-18W
IP 9 BOPD

Royal Development #6 Shiprock Navajo 17 *I* I-17-29N-18W
IP 7 BOPD

Reyal Development #8 Shiprock Navajo 17 "I" I-17-29N-18W
IP 6 BOPD

Royal Development #1 Shiprock Navajo 17 "J" J-17-29N-18W
IP 6 BOPD

Royal Development #2 Shiprock Navajo 17 "J"
J-17-29N_18W
IP 8 BOPD

Royal Development #3 Shiprock Navajo 17 "J" J-17-29N-18W IP & BOPD

Royal Development #4 Shiprock Navajo 17 "J" J-17-29N-18W
IP 3 BOPD

Royal Development #6 Shiprock Navajo 17 *J**
J-17-29N-18W
IP 5 BOPD

Royal Development #5 Shiprock Navajo 17 "K" K-17-29N-18W
IP 6 BOPD

Royal Development #6 Shiprock Navajo 17 *K* K-17-29N-18W IP 4 BOPD

Royal Development #7 Shiprock Navajo 17 *K* K-17-29N-18W
IP 12 BOPD

(e) Extend the Totah=Gallup Oil Pool boundary in San Juan County, New Mexico to include therein?

TOWNSHIP 29 NORTH, RANGE 13 WEST, NMPM

Section 19: NW/4
Section 20: W/2 SE/4
Section 30: E/2 NE/4
Section 35: W/2 SW/4

TOWNSHIP 29 NORTH, RANGE 14 WEST, NMPM Section 24: E/2 NE/4

based on?

Aztec 0il & Gas #26 Hagood "G" C-19-29N-13W IP 389 BOPD

Aztec 0il & Gas #20 Hagood "G" - 0-20-29N-13W IP 335 BOPD

Elliott Incorporated #1 Totah "A"
A-30-29N-13W
IP 880 BOPD

Pan American Petroleum #92 Gallegos Canyon Unit L-35-29N-13W IP 362 BOPD

Pan American #2 Navajo "H" A-24-29N-14W IP 225 BOPD

DOCKET: REGULAR HEARING - WEDNESDAY - JUNE 14, 1961

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

ALLOWABLE:

- (1) Consideration of the oil allowable for July, 1961.
- (2) Consideration of the allowable production of gas for July, 1961, for ten prorated pools in Lea County, New Mexico. Consideration of the allowable production of gas for nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico, for July, 1961 and also presentation of purchaser's nominations for the six-month period beginning August 1, 1961 for that area.

CASE 2304:

Application of the Oil Conservation Commission on its own motion to amend Rules 1209 and 1216 to conform to Section 65-3-11.1 of the New Mexico Statutes Annotated, 1953 compilation, as amended.

CASE 2305:

Application of Texaco Inc. for permission to market stock tank liquids approximately 11.5 percent in excess of top unit allowable plus such other liquids, including propane, which may be recovered by the installation of an extraction and stabilization plant on its Little Lucky Lake Unit, Little Lucky Lake Unit, Little Lucky Lake-Devonian Pool, Chaves County, New Mexico.

CASE 2306:

Application of El Paso Natural Gas Company for an exception to Order No. R-333-C and D, as amended. Applicant, in the above-styled cause, seeks an exception to Order No. R-333-C and D, as amended, to provide for an administrative procedure whereby the time may be extended for conducting and reporting initial deliverability tests on gas wells in the Basin-Dakota Gas Pool, San Juan and Rio Arriba Counties, New Mexico, when the taking of such tasts would prevent the full production of allowable from Pictured Cliffs wells connected to the same pipeline facility. Applicant further seeks an extension of time for conducting and reporting such tests for all Dakota wells without initial deliverability tests which, prior to October 1, 1961, are connected to a low-pressure pipeline facility servicing Pictured Cliffs wells. It is further requested that provision be made for assigning allowables based upon such delayed initial deliverability tests, effective retroactively to the date of connection of the Dakota well to the low-pressure pipeline facility.

CASE 2307:

Southeastern New Mexico nomenciature case calling for the extension of certain existing pools in Eddy, Lea, and Roosevelt Counties, New Mexico.

(a) Extend the Allison-Pennsylvanian Pool to include:

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM SECTION 10: SE/4

(b) Extend the Culwin-Queen Pool to include:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM SECTION 36: NE/4 and SW/4

(c) Extend the Double X-Delaware Pool to include:

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM SECTION 15: SE/4

(d) Extend the Drinkard Pool to include:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM SECTION 12: NW/4

(e) Extend the North Hackberry-Yates Pool to include:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM SECTION 30: S/2 NE/4, SE/4, and E/2 SW/4

(f) Extend the Justis Tubb-Drinkard Pool to include:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM SECTION 23: W/2 NE/4

(g) Extend the Lea-Bone Springs Pool to include:

TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM SECTION 11: NW/4

(h) Extend the Paduca-Delaware Pool to include:

TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM

SECTION 15: SE/4 SECTION 20: SE/4 SECTION 28: NW/4 (i) Extend the Fearl-Queen Pool to include:

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM SECTION 15: SW/4

(j) Extend the South Prairie-Pennsylvanian Pool to include:

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM SECTION 21: N/2 NW/4

(k) Extend the East Red Lake-Queen Pool to include:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM SECTION 11: N/2 SE/4 SECTION 12: W/2 NW/4

(1) Extend the Saunders Pool to include:

TOWNSHIP 14 SOUTH, RANGE 33 EAST, NMPM SECTION 21: SE/4

(m) Extend the North Shugart-Queen-Grayburg Pool to inlude:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM SECTION 9: NE/4
SECTION 30: SE/4

(n) Extend the Turkey Track Pool to inlude:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM SECTION 21: S/2 SE/4 SECTION 27: W/2 NW/4

(o) Extend the East Vacuum-Abo Pool to inlude:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM SECTION 35: SE/4

CASE 2308:

Northwestern New Mexico nomenclature case calling for an order for the extension of existing pools in San Juan, Sandoval, and Rio Arriba Counties, New Mexico.

(a) Extend the Ballard-Pictured Cliffs Pool to include:

TOWNSHIP 26 NORTH, RANGE 7 WEST, NMPM, SECTION 19: SW/4

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

TOWNSHIP 29 NORTH, RANGE 14 WEST, NMPM, SECTION 22: NW/4 & W/2 NE/4

SECTION 34: E/2 NE/4

(c) Extend the Horseshoe-Gallup Oil Pool to include:

TOWNSHIP 30 NORTH, RANGE 16 WEST, NMPM SECTION 2: NE/4 NW/4 & NW/4 NE/4

TOWNSHIP 31 NORTH, RANGE 16 WEST, NMPM SECTION 26: S/2 SW/4 & SW/4 SE/4

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

TOWNSHIP 29 NORTH, RANGE 18 WEST, NMPM, SECTION 16: NW/4 SW/4

SECTION 17: N/2 SE/4 & NE/4 SW/4

(e) Extend the Totah-Gallup Oil Pool to include:

TOWNSHIP 29 NORTH, RANGE 13 WEST, NMPM

SECTION 19:

SECTION 20: W/2 SE/4 SECTION 30: E/2 NE/4

SECTION 35: W/2 SW/4

TOWNSHIP 29 NORTH, RANGE 14 WEST, NMPM SECTION 24: E/2 NE/4

State of Mets Mexico Oil Conservation Commission STATE GEOLOGIST A. L. PORTER, JR. AZTEC May 15, 1961 Mrs. Ida Rodriguez Oil Conservation Commission Box 871 Santa Pe, New Mexico Re: Northwest Nomenclature Case June, 1961 Dear Ida: The ad for subject case may read as follows: Extend certain pools as indicated: San Juan County: Cha Cah-Gallup Oil Pool Horseshoe-Gallup Oil Pool . Shiprock-Gallup Cil Pool Totah-Gallup Cil Pool Rio Arriba, Sandoval and San Juan Counties? Ballard-Pictured Cliffs Pool Paragraph sheets will follow. Youre very truly ARKIKS Engineer, District #3

TOWNSHIP 26 NORTH, RANGE 7 WEST, MMPM, Section 19: SW/4

Based on:

Kay Kimbell #5 Liberman N-19-26-7 IP 2139 MCFPD (b) Extend the Cha Cha-Gallup Gil Pool boundary in San Juan County,

New Mexico, to include therein:

TOWNSHIP 29 NORTH, RANGE 14 WEST, NMPM, Section 22: NW/4 & W/2 NE/4
Section 34: E/2 NE/4

Based on:

Pan American Petroleum #8 Mavajo "E" E-22-29-14 IP 237 BOPD

Pan American Petroleum #9 Navajo "E" 6-22-29-14 IP 12 BOPD

EPNG Prod. #7 Ojo Amarillo A-34-29-14 1P 45 BOPD (c) Extend the Norseshoe-Gallup 011

boundary in _____ San Juan ____ Count y,

New Mexico, to include therein:

TOWNSHIP 30 NORTH, RANGE 16 WEST, NMPM, Section 2: ME/4 NW/4 & NW/4 NE/4

TOWNSHIP 31 NORTH, RANGE 16 WEST, MMPM, Section 26: S/2 SW/4 & SW/4 SE/4

Based on:

EPNG Prod. #3 Navajo Lowe B-2-30-16 IP 18 BOPD

Atlantic #8 Ute M-26-31-16 IP 8 BOPD

Atlantic #18 Ute N-26-31-16 !P 20 BOPD

Atlantic #19 UTE 0-26-31-16 IP 30 BOPD

(Over)

J-17-29-18

IP 8 BOPD

Royal Dev. #3 Shiprock Navajo 17 "J" J-17-29-18 IP 8 BOPD

Royal Dev. #4 Shiprock Navajo 17 "J" J-17-29-18 IP 3 BOPD

Royal Dev. #6 Shiprock Navajo 17 "J" J-17-29p18 IP 5 BOPD

#5 Shiprock Navajo 17 "K" K-17-29-18 IP 6 BOPD

#6 Shiprock Navajo 17 "K" K-17-29-18 IP 4 BOPD

#7 Shiprock Navajo 17 "K" K-17-29-18 IP 12 BOPD

(e) E	xtend the	Totah-Gallup Oil	Pool
boundar	y in	San Juan	Count_y,
New Mex	ico, to in	nclude therein:	

TOWNSHIP 29 NORTH, RANGE 13 WEST, NMPM, Section 19: HW/4
Section 20: W/2 SE/4

Section 20: W/2 SE/4 Section 30: E/2 NE/4 Section 35: W/2 SW/4

TOWNSHIP 29 NORTH, RANGE 14 WEST, NMPM, Section 24: E/2 NE/4

Based on:

AXMEN Aztec #26 Nagood "G" C-19-29-13 IP 389 BOPD

Aztec #20 Nagood "G" 0-20-29-13 1P 335 BOPD

Elliott Inc. #1 Totah "A" A-30-29-13 IP 880 BOPD

Pan American # 92 Gallegos Canyon Unit L-35-29-13 IP 362 BOPD

Pan American #2 Navajo "N" A-24-29-14 IP 225 BOPD

DEARNLEY-MEIER REPORTING SERVICE, Inc. PHONE CH 3-4691

BEFORE THE OIL CONSERVATION COMMISSION Santa Fe, New Mexico June 14, 1961

IN THE MATTER OF:

Northwestern New Mexico nomenclature case calling for an order for the extension of existing pools in San Juan, Sandoval, and Rio Arriba Counties, New Mexico.

Case 2308

TRANSCRIPT OF HEARING



DEARNLEY-MEIER REPORTING SERVICE, Inc.

BEFORE THE OIL CONSERVATION COMMISSION Santa Fe, New Mexico June 14, 1961

IN THE MATTER OF:

Northwestern New Mexico nomenclature case calling for an order for the extension of existing pools in San Juan, Sandoval, and Rio Arriba Counties, New Mexico.

Case 2308

BEFORE: Honorable Edwin L. Mechem

Mr. A. L. Porter Mr. E. S. Walker

TRANSCRIPT OF HEARING

MR. PORTER: We will take up next Case 2308.

MR. MORRIS: Northwestern New Mexico nomenclature case calling for an order for the extension of existing pools in San Juan, Sandoval, and Rio Arriba Counties, New Mexico.

(Witness sworn.)

A. R. KENDRICK

called as a witness, having been first duly sworn, testified as

follows:

(Whereupon, Commission's Exhibit No. 1 was marked for identification.)

DIRECT EXAMINATION

BY MR. MORRIS:

Will the witness please state his name and position? A. R. Kendrick, Engineer for the Oil Conservation



Commission.

- Q Are you Engineer in the Aztec District Office, Mr. Ken-drick?
 - A Yes, sir.
- Q In that capacity have you made a study concerning the extension of the existing pools in San Juan, Sandoval and Rio Arriba Counties, New Mexico?
 - A I have.
- Q What is your recommendation concerning the extension of the Ballard-Pictured Cliffs Pool?
- A That the pool be extended as shown in Paragraph (a), Exhibit 1, on the basis of one well completed in the pool.
- Q Do you have a recommendation concerning the extension of the Cha-Gallup Oil Pool?
- A Yes. That the pool be extended as shown in Paragraph
 (b), Exhibit 1, based on three wells completed in that area.
- Q What is your recommendation concerning the extension of the Horseshoe-Gallup Oil Pool?
- A That the pool be extended as shown in Paragraph (c) of Exhibit 1 on the basis of four wells completed in that area.
- Q What is your recommendation concerning the extension of the Shiprock-Gallup Oil Pool?
- A That the pool be extended as shown in Paragraph (d) of Exhibit 1 on the basis of seventeen wells completed in that area.



Do you have anything further you would like to offer, Mr. Kendrick?

Exhibit 1.

MR. MORRIS: At this time, Mr. Commissioner, we offer Exhibit 1 in Case 2308, and that concludes the direct examination of this witness.

MR. PORTER: Exhibit 1 will be admitted.

(Whereupon, Commission's Exhibit No. 1 was admitted in evidence.)

MR. PORTER: The witness may be excused.

(Witness excused.)

MR. PORTER: If there is nothing further to be offered in Case 2308, we will take the case under advisement, and the hearing is adjourned.

STATE OF NEW MEXICO COUNTY OF BERNALILLO)

I, ADA DEARNLEY, Court Reporter, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, is a true and correct record to the best of my knowledge, skill and

IN WITNESS WHEREOF I have affixed my hand and notarial seal ability. this 20th day of June, 1961.

Vaa Dearling
Notary Public-Court Reporter

My commission expires:

June 19, 1963.

ALBUQUERQUE, NEW MEXICO