

CASE 1371:

NORTHWESTERN NEW MEXICO
NOMENCLATURE

Case No.

1371

Application, Transcript,
Small Exhibits, Etc.

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. 1371
Order No. R-1119

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 January 15, 1958, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 28th day of January, 1958, 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 Rio Arriba County, New Mexico, for the production of oil from the Gallup formation, said pool to bear the designation Otero-Gallup Oil Pool. Said Otero-Gallup Oil Pool was discovered by Skelly Oil Company Jicarilla "B" Well No. 2, located in the NE/4 SE/4 Section 31, Township 25 North, Range 5 West, NMPM. It was completed May 9, 1957. The top of the perforations is at 5,980 feet.

(3) That there is need for certain extensions to the Aztec-Pictured Cliffs Pool, the Bisti-Lower Gallup Oil Pool, and to the Horseshoe-Gallup Oil Pool, all in San Juan County, New Mexico, to the Gavilan-Pictured Cliffs Pool and to the Tapacito-Pictured Cliffs Pool, both in Rio Arriba County, New Mexico, and to the Blanco Mesaverde Pool, the South Blanco-Pictured Cliffs Pool, and the Ballard-Pictured Cliffs Pool, all in Rio Arriba and San Juan Counties, New Mexico.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 24 NORTH, RANGE 5 WEST, NMPM

Section 5: NW/4

Section 6: NE/4

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM

Section 31: E/2

Section 32: W/2

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

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM

Section 5: All

Section 6: All

Section 7: All

(c) That the Aztec-Pictured Cliffs Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM

Section 2: E/2

TOWNSHIP 28 NORTH, RANGE 8 WEST, NMPM

Section 18: S/2

Section 19: All

Section 20: All

Section 21: W/2

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

TOWNSHIP 25 NORTH, RANGE 2 WEST, NMPM

Section 25: S/2

Section 36: NW/4

(e) 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 6 WEST, NMPM

Section 5: All

Section 26: NE/4

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM

Section 32: E/2

TOWNSHIP 27 NORTH, RANGE 8 WEST, NMPM

Section 1: W/2
Section 2: All

TOWNSHIP 28 NORTH, RANGE 8 WEST, NMPM

Section 28: S/2
Section 35: All
Section 36: SW/4

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

TOWNSHIP 25 NORTH, RANGE 8 WEST, NMPM

Section 24: S/2
Section 25: N/2

TOWNSHIP 26 NORTH, RANGE 8 WEST, NMPM

Section 4: W/2
Section 5: E/2

(g) That the Bisti-Lower 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 25 NORTH, RANGE 10 WEST, NMPM

Section 35: SW/4

TOWNSHIP 25 NORTH, RANGE 12 WEST, NMPM

Section 5: NE/4
Section 10: SE/4

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

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM

Section 15: N/2

TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM

Section 20: E/2

TOWNSHIP 27 NORTH, RANGE 4 WEST, NMPM

Section 30: W/2
Section 31: N/2
Section 32: All
Section 33: W/2

TOWNSHIP 27 NORTH, RANGE 5 WEST, NMPM

Section 25: S/2
Section 36: N/2

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(1) That the Horseshoe-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 16 WEST, NMPM

Section 2: SW/4 NW/4
Section 3: NE/4 & E/2 NW/4
Section 4: NE/4 NW/4
Section 10: N/2 NW/4

IT IS FURTHER ORDERED:

That the effective date of this order and of all the creations and extensions included herein shall be February 1, 1958.

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

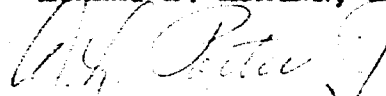
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



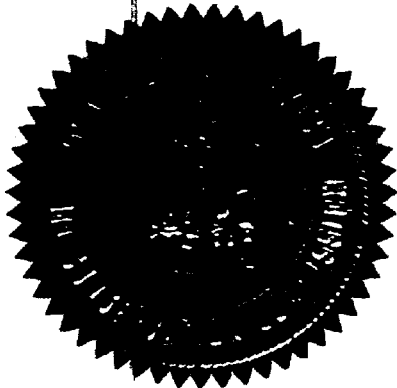
EDWIN L. MECHEM, Chairman



MURRAY E. MORGAN, Member



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



ir/

1371, 2261111
RECOMMENDED POOL CREATIONS AND EXTENSIONS FOR
THE REGULAR JANUARY 1958 HEARING

Creation of a new pool in Rio Arriba County for Oil Production from the Gallup formation and to be known as the Otero Gallup Oil Pool:

Township 24 N, Range 5 W., Rio Arriba County
Section 5, NW/4
Section 6, NE/4

Township 25 N, Range 5 W., Rio Arriba County
Section 31, E/2
Section 32, W/2

based on:

9-17-57
T.P. 5558

Skelly Oil Company #3 Jicarilla "B"
D-5-24N-5W, IP 157 BOPD

5-9-57
T.P. 5980

Skelly Oil Company #2 Jicarilla "B"
I-31-25N-5W, IP 100 BOPD

*Discovery Well
Comp. 589-57
Sep. 5880*

11-1-57
T.P. 5910

Skelly Oil Company #5 Jicarilla "B"
L-32-25N-5W, IP 75 BOPD

10-23-57
T.P. 5988

Skelly Oil Company #4 Jicarilla "B"
M-32-25N-5W, IP 128 BOPD

(A) EXTENSION TO BLANCO MESAVERDE GAS POOL:

Township 26N, Range 5W, Rio Arriba County
Section 5, All
Section 6, All
Section 7, All

based on:

Northwest Production Corporation #2-5 "W"
B-5-26N-5W; AOF 3425 MCF; SICP 1039#/7 days

Northwest Production Corporation #1-7 "W"
M-7-26N-5W; AOF 339 MCF; SICP 1159#/7 days

(C) EXTENSION TO AZTEC PICTURED CLIFFS GAS POOL:

Township 29N, Range 10W, San Juan County
Section 2, E/2

Township 28N, Range 8W, San Juan County
Section 18, S/2
Section 19, 20, All
Section 21, W/2

based on:

Pan-American #1 State Gas Unit "U"
H-2-29N-10W; IP 582 MCF; SICP 800#/7 days

EPNG #3 Sharp
P-18-28N-8W
IP 162 MCF SICP 714#/3 days

EPNG #3 Florance "C"
K-19-28N-8W; AOF 2882 MCF; SICP 805#/9 days

EPNG #3 Riddle "F"
A-20-28N-8W; AOF 1727 MCF; SICP 858#/7 days

EPNG #3 Dryden
M-21-28N-8W; AOF 1108 MCF; SICP 869#/7 days

(d) EXTENSION TO GAVILAN PICTURED CLIFFS GAS POOL

Township 25N, Range 2W, Rio Arriba County
Section 25, S/2
Section 36, NW/4

based on:

San Juan Gas Corporation #36 Federal "C"
E-36-25N-2W; IP 377 MCF

(e) EXTENSION TO SOUTH BLANCO PICTURED CLIFFS GAS POOL.

Township 25N, Range 6W, Rio Arriba County
Section 5, All
Section 26, NE/4

Township 26N, Range 6W, Rio Arriba County
Section 32, S/2

Township 27N, Range 8W, San Juan County
Section 1, W/2
Section 2, All

Township 28N, Range 8W, San Juan County
Section 26, S/2
Section 35, All
Section 36, SW/4

based on:

Superior Oil Company #2-5 Sealy
D-5-25N-6W; IP 5754 MCF; SICP 864 #/24 days

Superior Oil Company #1-5 Sealy
I-5-25-N-6W; IP 5290 MCF; SICP 941#/7 days

Western Drilling Company #1 Warren-Fed.
H-26-25N-6W; IP 942 MCF

EPNG #1 Johnston State
N-32-26N-6W; IP 3400 MCF; SICP 853#/18 days

EPNG #3 Storey
M-26-28N-8W; AOF 5183 MCF; SICP 934#/16 days

(f) EXTENSION TO BALLARD PICTURED CLIFFS GAS POOL:

Township 25N, Range 8W, San Juan County
Section 24, S/2
Section 25, N/2

Township 26N, Range 8W, San Juan County
Section 4, W/2
Section 5, E/2

based on:

Western Natural #1 A. T. Hannett
A-25-25N-8W; IP 175 MCF; SICP 664#

Southern Union #2-8 Newsom
N-4-26N-8W; IP 926 MCF; SICP 700#/7 days

(2) EXTENSION TO BISTI LOWER GALLUP OIL POOL

Township 25N, Range 10W, San Juan County
Section 35, SW/4

Township 25N, Range 12W, San Juan County
Section 5, NE/4
Section 10, SE/4

based on:

Monsanto Chemical #3 Atlas
N-35-25N-10W; IP 228 BOPD

EPNG Products #1 Benally
G-5-25N-12W; IP 162 BOPD

Shell Oil Company #43-10 Government
I-10-25N-12W; IP 388 BOPD

(6) EXTENSION TO TAPICITO PICTURED CLIFFS POOL

Township 25N, Range 3W, Rio Arriba County
Section 15, N/2

Township 26N, Range 3W, Rio Arriba County
Section 20, E/2

Township 27N, Range 4W, Rio Arriba County
Section 30, W/2
Section 31, N/2
Section 32, All
Section 33, W/2

Township 27N, Range 5W, Rio Arriba County
Section 25, S/2
Section 36, N/2

based on:

Pan-American #1 Fred Phillips "C"
H-15-25N-3W; AOF 39,522 MCF; SICP 1050#/25 days

Magnolia Petroleum #5 Jicarilla "B"
A-20-26N-3W; AOF 1818 MCF; SICP 984#.

Magnolia Petroleum #1 Jicarilla "G"
A-35-27N-4W; AOF 4500 MCFD; SICP 1038/7 days

Magnolia Petroleum #3 Jicarilla "G"
M-35-27N-4W AOF 747 MCFD; SICP 1039

EPNG #12 S.J. Un. 27-4
M-30-27N-4W AOF 2737 MCFD; SICP 1045/11 days

EPNG #10-S.J. Un. 27-4
G-32-27N-4W; AOF 1759 MCFD; SICP 1045/11 days

EPNG #8-S.J. Un. 27-4
N-32-27N-4W AOF 1787 MCFD; SICP 1011/11 days

EXTENSION TO HORSESHOE GALLUP OIL POOL:

Township 30N, Range 16W, San Juan County

Section 2, SW/4 NW/4

Section 3, NE/4, E/2 NW/4

Section 4, NE/4 NW/4

Section 10, N/2 NW/4

based on:

Monsanto Chemical Co. #1 State "H"
E-2-30N-16W IP 19 BOPD

Tom Bolack #9 Bolack
G-3-30N-16W; IP 125 BOPD

EPNG Products #2 Horseshoe Canon "B"
C-4-30N-16W; IP 111 BOPD

Tom Bolack #6 Bolack
C-10-30N-16W; IP 1080 BOPD

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
January 15, 1958

IN THE MATTER OF: Case No. 1371

TRANSCRIPT OF PROCEEDINGS

DEARNLEY - MEIER & ASSOCIATES
INCORPORATED
GENERAL LAW REPORTERS
ALBUQUERQUE, NEW MEXICO
3-6691 5-9546

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
January 15, 1958

IN THE MATTER OF:

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

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

TOWNSHIP 24 NORTH, RANGE 5 WEST, NMPM
Section 5: NW/4
Section 6: NE/4

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TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM
Section 31: E/2
Section 32: W/2

(b) Extend the Blanco Mesaverde Pool to include:

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM
Section 5, 6, and 7: All

(c) Extend the Aztec-Pictured Cliffs Pool to
include:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM
Section 2: E/2

TOWNSHIP 28 NORTH, RANGE 8 WEST, NMPM
Section 18: S/2
Sections 19 and 20: All
Section 21: W/2

(d) Extend the Gavilan-Pictured Cliffs Pool to
include:

TOWNSHIP 25 NORTH, RANGE 2 WEST, NMPM
Section 25: S/2
Section 36: NW/4

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

TOWNSHIP 25 NORTH, RANGE 6 WEST, NMPM

Section 5: All

Section 26: NE/4

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM

Section 32: S/2

TOWNSHIP 27 NORTH, RANGE 8 WEST, NMPM

Section 1: W/2

Section 2: All

TOWNSHIP 28 NORTH, RANGE 8 WEST, NMPM

Section 26: S/2

Section 35: All

Section 36: SW/4

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

TOWNSHIP 25 NORTH, RANGE 8 WEST, NMPM

Section 24: S/2

Section 25: N/2

TOWNSHIP 26 NORTH, RANGE 8 WEST, NMPM

Section 4: W/2

Section 5: E/2

(g) Extend the Bisti-Lower Gallup Oil Pool to include:

TOWNSHIP 25 NORTH, RANGE 10 WEST, NMPM

Section 35: SW/4

TOWNSHIP 25 NORTH, RANGE 12 WEST, NMPM

Section 5: NE/4

Section 10: SE/4

(h) Extend the Tapacito-Pictured Cliffs Pool to include:

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM

Section 15: N/2

TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM

Section 20: E/2

TOWNSHIP 27 NORTH, RANGE 4 WEST, NMPM

Section 30: W/2
 Section 31: N/2
 Section 32: All
 Section 33: W/2

TOWNSHIP 27 NORTH, RANGE 5 WEST, NMPM

Section 25: S/2
 Section 36: N/2

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

TOWNSHIP 30 NORTH, RANGE 16 WEST, NMPM

Section 2: SW/4 NW/4
 Section 3: NE/4 & E/2 NW/4
 Section 4: NE/4 NW/4
 Section 10: N/2 NW/4

BEFORE:

Mr. A. L. Porter, Jr.
 Mr. Murray Morgan
 Governor Edwin L. Mechem

TRANSCRIPT OF PROCEEDINGS

MR. PORTER: We will take up next Case 1371.

MR. COOLEY: Case 1371, Northwestern New Mexico nomenclature case.

ELVIS A. UTZ

a witness, of lawful age, having been first duly sworn on oath,
 testified as follows:

DIRECT EXAMINATION

By MR. COOLEY:

Q Would the witness please state his name and position for the record?

A Elvis A. Utz, Engineer with the Oil Conservation Commission.

Q Mr. Utz, in your official capacity as Engineer for the Oil Conservation Commission, have you had an opportunity to make a study of the creation of new pools and the extensions of existing pools in the San Juan and Rio Arriba Counties, New Mexico?

A Yes, I have.

Q Mr. Utz, do you have any recommendation regarding the creation of a new oil pool for Gallup production, designated as the Otero-Gallup Oil Pool?

A Yes, I recommend that the Otero-Gallup Oil Pool be created as advertised, on the basis of four wells completed in the Gallup formation. It so happens I don't have the discovery well or the top of the perforations on that pool.

MR. COOLEY: Off the record.

(Discussion off the record.)

MR. COOLEY: Back on the record.

Q Will you please prepare the name of the discovery well and the data thereon and present it to the Commission?

A I'll add it to Exhibit No. 1.

Q The proposed vertical limits of the Otero-Gallup Oil Pool is the Gallup formation?

A That is correct.

Q Mr. Utz, do you have any recommendation regarding the extension of the Blanco Mesaverde Gas Pool?

A Yes, I recommend that the Blanco Mesaverde Gas Pool be

extended, on the basis of two wells capable of producing in that pool.

Q What are your recommendations regarding the extension of the Aztec-Pictured Cliffs Pool?

A I recommend that the Aztec-Pictured Cliffs Gas Pool be extended as advertised, on the basis of five wells completed in that pool.

Q Do you have any recommendations concerning the extension of the Gavilan-Pictured Cliffs Pool?

A I recommend that the Gavilan-Pictured Cliffs Pool be extended on the basis of one well completed in that pool.

Q Do you have any recommendations concerning the extension of the South Blanco-Pictured Cliffs Gas Pool?

A Yes, I recommend that the South Blanco-Pictured Cliffs Gas Pool be extended as advertised, on the basis of five wells completed in that pool.

Q Do you have any recommendations concerning the extension of the Ballard-Pictured Cliffs Gas Pool?

A I recommend that the Ballard-Pictured Cliffs Gas Pool be extended as advertised, on the basis of four wells completed in that pool.

Q Do you have any recommendations regarding the extension of the Bisti-Lower Gallup Oil Pool?

A I recommend that the Bisti-Lower Gallup Oil Pool be extended as advertised, on the basis of three wells completed in that pool.

Q Have you any recommendations concerning the extension of

the Tapicito-Pictured Cliffs Gas Pool?

A I recommend that the Tapicito-Pictured Cliffs Gas Pool be extended as advertised, on the basis of seven wells completed in that pool.

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

A I recommend that the Horseshoe-Gallup Oil Pool be extended as advertised, on the basis of four wells completed in that pool?

Q Do you have any further recommendations in this case?

A I have not.

Q Have you prepared an exhibit substantiating your recommendations in this case?

A Yes, I have prepared an exhibit which states the recommendations and the wells on which those recommendations are based, which is marked Case 1371, Exhibit No. 1.

MR. COOLEY: Mr. Commissioner, I would like to move the admission of Exhibit No. 1 in Case 1371 at this time.

MR. PORTER: Without objection, it will be admitted.
Anyone have a question of Mr. Utz? Mr. Utz may be excused.

(Witness excused.)

MR. PORTER: Does anyone have any statement or comment in the case? We will take the case under advisement.

The hearing is adjourned.

* * * * *

C E R T I F I C A T E

STATE OF NEW MEXICO)
) ss
COUNTY OF BERNALILLO)

I, ADA DEARNLEY, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Proceedings before the New Mexico Oil Conservation Commission was reported by me in stenotype and reduced to typewritten transcript under my personal supervision, and that the same is a true and correct record to the best of my knowledge, skill and ability.

WITNESS my Hand and Seal this 30th day of January, 1958, in the City of Albuquerque, County of Bernalillo, State of New Mexico.


NOTARY PUBLIC

My commission expires:
June 19, 1959.