

CASE 2920:

NORTHWESTERN NEW MEXICO

NOMENCLATURE

CASE No.

2920

Application,

TRANSCRIPTS,

SMALL Exhibits

ETC.

Memo

From
D. S. NUTTER
CHIEF ENGINEER

To
use the #136 in Unit P of
Sec 2 as the type log.

The vertical limits of
the Penn "B" gas zone
would be from 6404 to
6554. The vertical
limits of the Penn "C" oil
zone would be
from 6554 to the top
of the Malaga shale
(a) 6827. Brown w/
could agree w/ this.

Memo

From
D. S. NUTTER
CHIEF ENGINEER

To
last jurisdiction. The
location was given as
Unit P of Sec 2 and was
apparently picked up from
the location as given on
the electric log. However
this well is in Unit N
of Sec 2.

I suggest that when
we recall the case
next month that we

Memo



To Al Kendrick

We had to discuss
Paragraphs (a) & (b) of
the NW nomenclature
case not only in account
of the depth 6709 not
appearing on the log of
the #144 well but also
because our description
of the well location was
wrong and we therefore

GOVERNOR
JACK M. CAMPBELL
CHAIRMAN

State of New Mexico MAIN OFFICE OCC
Oil Conservation Commission
1963 SEP 25 AM 8:27



LAND COMMISSIONER
E. S. JOHNNY WALKER
MEMBER

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO
September 23, 1963

Case 2920
Mrs. Ida Rodriguez
Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

RE: Northwest Nomenclature Case for October, 1963

Dear Ida:

The enclosed paragraph sheets reflect our desires for subject case.

Your ad may reflect the following:

Redesignate the Rattlesnake-Pennsylvanian Oil Pool in San Juan County.
Redesignate the Puerto Chiquito-Gallup Oil Pool in Rio Arriba County.
Create the Rattlesnake-Pennsylvanian "B" Pool in San Juan County.
Extend the following pool boundaries:
RIO ARRIBA COUNTY
Boulder-Mancos Oil Pool
Devils Fork-Gallup Pool
Otero-Gallup Oil Pool
SAN JUAN COUNTY
Many Rocks-Gallup Oil Pool
Totah-Gallup Oil Pool

The ad for the Rattlesnake pools are similar to those for Case No. 2900 but are changed slightly. The Discovery wells are the same.

Someone there might advise R. W. Byram that he missed part of Order R-2528 relative to the Devils Fork-Gallup Pool - he does not show Section 9, Township 24 North, Range 6 West as being in the pool.

Yours very truly,

AK
A. R. Kendrick

(a) Redesignate the Rattlesnake-Pennsylvanian Oil Pool, San Juan County,
as the Rattlesnake-Pennsylvanian "CB" Oil Pool, and define the vertical
limits to be from the depth correlative to the point depicted at 6554 feet on
log of the Continental Rattlesnake Well No. 136, located in Unit J of Section 2,
Township 29 North, Range 19 West, to the depth correlative to the point
depicted at 6827 feet on said log.

1997
(b) Redesignate the Puerto Chiquito-Gallup Oil Pool, Rio Arriba County, as the Puerto Chiquito-Mancos Oil Pool, and define the vertical limits to be from the depth correlative to the point depicted at ~~3143~~ feet on the log of the Intex Hijo Well No. 1, located in Unit F, of Section 5, Township 26 North, Range 1 East, to the depth correlative to the point depicted at 3143 feet on said log. (From the top of the Mancos to the base of the Greenhorn formations) This change is required by Order K-~~8869~~. ~~No change in the horizontal limits at this time.~~

Niobrara Member
of the Mancos
Shale

(6) Create a new pool in San Juan Count y,
New Mexico, classified as a gas pool for Pennsylvanian
production, designated as the Rattlesnake-Pennsylvanian "B" Pool and
described as:

TOWNSHIP 29 NORTH, RANGE 19 WEST, NMPM,
Section 2: S/2
Section 11: N/2

Based on:

Continental #144 Rattlesnake
N-2-29N-19W Perf: 6402' - 6446'
IP 675 MCFPD

Continental #146 Rattlesnake
S-11-29N-19W Perf: 6392' - 6442'
IP 700 MCFPD

Vertical limits to be the Pennsylvanian formation identical to the zone from 6404 feet to 6554 feet in the Continental Rattlesnake Well No. 136, located in Unit J of Section 2, Township 29 North, Range 19 West.

(d) Extend the Boulder-Mancos Oil Pool
boundary in Rio Arriba County Y,
New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 1 WEST, NMPH,
Section 27: W/2 SE/4

Based on:

Foutz & Bursum #1 Val
1-27-28N-1W
1P 22 BOPD

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

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPH,
Section 9: E/2 NW/4, W/2 NE/4 & E/2 SE/4

Based on:

#131
EPNG Prod. Co. #130 Canyon Largo Unit
G-9-24N-6W
IP 88 DOPB

(f) Extend the Many Rocks-Gallup Oil Pool
boundary in San Juan Count Y,
New Mexico, to include therein:

TOWNSHIP 31 NORTH, RANGE 16 WEST, NMPM,
Section 17: NE/4 SW/4, N/2 SE/4 & SE/4 SE/4

TOWNSHIP 32 NORTH, RANGE 17 WEST, NMPM,
Section 26: W/2 SW/4
Section 35: NW/4 SE/4 ✓

Based on:

Atlantic #17-4 Navajo
J-17-31N-16W
IP 40 BOPD

Atlantic #17-5 Navajo
P-17-31N-16W
IP 120 BOPD

Skelly #10 Navajo "P"
L-26-32N-17W
IP 44 BOPD

Skelly #7 Navajo "P"
J-35-32 N-17W
IP 138 BOPD

(S) Extend the Otero-Gallup Oil Pool
boundary in Rio Arriba County Y,

New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM,
Section 16: SE/4
Section 21: NE/4
Section 22: SW/4 NW/4

Based on:

Continental #3 Northeast Haynes
P-16-24N-5W
IP 110 BOPD

Continental #5 Northeast Haynes
E-22-24N-5W
IP 110 BOPD

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

TOWNSHIP 28 NORTH, RANGE 12 WEST, NMPH,
Section 18: S/2 NE/4

Based on:

Sunray DX #136 Gallegos Canyon Unit
N-18-28N-12W
IP 45 BOPD ✓

9-20-63

Memo

From

Oil Conservation Commission
1000 Rio Brazos Road
AZTEC, NEW MEXICO

To Dan Nutter:

We agree with the Conoco people relative to paragraphs (a) & (b) of Case No 2900.

Attached is a copy of the log of the #136 which you propose as the type section. We had misplaced it when we made the legal ad.

Also enclosed is a copy of a cross-section as submitted by Brown of Conoco which has been real helpful to us.

NW
name for
1963 SEP 23 10 41 AM
MAIN OFFICE OCC

DOCKET: REGULAR HEARING - WEDNESDAY, OCTOBER 16, 1963

OIL CONSERVATION COMMISSION - 9 A.M., - HOBBS HIGH SCHOOL AUDITORIUM, 1300 EAST
SCHARBAUER, HOBBS, NEW MEXICO

- ALLOWABLE:**
- (1) Consideration of the oil allowable for November, 1963.
 - (2) Consideration of the allowable production of gas for November, 1963, from ten prorated pools in Lea and Eddy Counties, New Mexico, also consideration of the allowable production of gas from nine ~~pro~~-rated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico, for November, 1963.
- CASE 2916:** Application of Gulf Oil Corporation for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order force-pooling all mineral interests in the Fowler Paddock Gas Pool underlying the W/2 of Section 23, Township 24 South, Range 37 East, Lea County, New Mexico.
- CASE 2917:** Application of Jake L. Hamon for a gas well-salt water disposal dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dually complete his Northeast Lynch Unit Well No. 1, located in Unit H of Section 17, Township 20 South, Range 35 East, Lea County, New Mexico, to produce hydrocarbons from an undesignated Pennsylvanian gas pool and to dispose of produced salt water through the annulus between the surface and intermediate casing strings into the open hole interval from 894 to 4000 feet.
- CASE 2918:** Application of Humble Oil & Refining Company for the creation of a new pool and for tubing exceptions therein, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new oil pool for Gallup production comprising all of Sections 7 and 18, Township 28 North, Range 14 West; all of Sections 10 through 13, and N/2 and SE/4 of Section 14, Township 28 North, Range 15 West; all of Sections 7 and 8, SW/4 of Section 15, all of Sections 16 through 22, SW/4 of Section 23, SW/4 of Section 25, all of Sections 26 through 30, N/2 and SE/4 of Section 32, and all of Sections 33 through 36, Township 29 North, Range 15 West; All of Sections 11 through 14 and all of Section 24, Township 29 North, Range 16 West. Applicant further seeks an exception to Rule 107(d)1 of the Commission Rules and Regulations to permit all oil wells completed in said pool to be flowed through production casing without tubing for as long as said wells are capable of natural flow. (This case will be continued to November 13, 1963.)
- CASE 2919:** 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 and Lea Counties, New Mexico, the extension of vertical limits and change of pool name to a certain existing pool in Eddy County, New Mexico and extension of certain existing pools in Eddy, Lea, and Roosevelt 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, extensions of vertical limits, change of pool name, and extensions should not be made.

- (a) Create a new pool in Eddy County, New Mexico, classified as an oil pool for Cisco production, designated as the Cedar Lake-Cisco Pool, and described as:

TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM
SECTION 30: SW/4

- (b) Create a new pool in Lea County, New Mexico, classified as a gas pool for Pennsylvanian production, designated as the ~~Lynch~~-Pennsylvanian Gas Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 35 EAST, NMPM
SECTION 17: NE/4

- (c) Extend the North Benson-Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM
SECTION 28: N/2 S/2

- (d) Extend the Corral Canyon-Delaware Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 25 SOUTH, RANGE 30 EAST, NMPM
SECTION 17: W/2 NE/4

- (e) Extend the Goodwin-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 37 EAST, NMPM
SECTION 31: NW/4

- (f) Extend the West Henshaw-Grayburg Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM
SECTION 2: Lot 5

- (g) Extend the Jackson-Abo Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM
SECTION 22: NE/4 SW/4

- (h) Extend the North Justis-Montoya Pool in Lea County, New Mexico, to include therein:

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

(i) Extend the vertical limits of the South Lea-Grayburg Pool in Eddy County, New Mexico, to include the Queen formation and change the pool name from South Leo-Grayburg Pool to the South Leo ~~Queen~~-Grayburg Pool.

(j) Extend the Loco Hills Pool in Eddy County, New Mexico, to include therein;

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM
SECTION 19: NE/4 NW/4

(k) Extend the Lusk-Strawn Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM
SECTION 25: NE/4

(l) Extend the Maljamar-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM
SECTION 22: NW/4

(m) Extend the Mesa-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM
SECTION 16: SW/4

(n) Extend the North Mescalero-Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 10 SOUTH, RANGE 32 EAST, NMPM
SECTION 11: SE/4

(o) Extend the East Millman Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
SECTION 21: E/2 SE/4

(p) Extend the Milnesand-San Andres Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM
SECTION 6: S/2

(q) Extend the West Milnesand-San Andres Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 8 ~~SOUTH~~, RANGE 34 EAST, NMPM
SECTION 21: ~~SW~~/4

(r) Extend the Oil Center-Blinsbry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM
SECTION 3: Lots 14 and 15

(s) Extend the Paddock Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM
SECTION 25: NE/4

(t) Extend the East Red Lake Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
SECTION 1: SW/4 SW/4

(u) Extend the Shugart Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM
SECTION 19: S/2

(v) Extend the West Teas-Yates Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM
SECTION 9: S/2 SW/4

(w) Extend the Vacuum-Abo Reef Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM
SECTION 27: S/2 SW/4
SECTION 33: S/2 NE/4

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM
SECTION 11: SE/4

(x) Extend the Vacuum-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
SECTION 36: NE/4

(y) Extend the Vacuum-Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM
SECTION 31: S/2 & NE/4

(z) Extend the Weir-Blinebry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
SECTION 9: E/2 SE/4

(aa) Extend the West Wilson-Yates Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM
SECTION 3: S/2
SECTION 4: SE/4

CASE 290:

Northwest New Mexico nomenclature case calling for the creation and extension of certain pools in San Juan and Rio Arriba Counties, New Mexico, and for the designation and redesignation of certain vertical limits.

(a) Redesignate the Rattlesnake-Pennsylvanian Oil Pool, ~~San Juan~~ County, as the Rattlesnake-Pennsylvanian "CD" Oil Pool, and define the vertical limits to be from the depth correlative to the point depicted at 5934 feet on log of the Continental Rattlesnake Well No. 136, located in Unit J of Section 2, Township 29 North, Range 19 West, to the depth correlative to the point depicted at 6827 feet on said log.

(b) Create the Rattlesnake-Pennsylvanian "B" Gas Pool in Township 29 North, Range 19 west, San Juan County, and to define the vertical limits to be identical to the zone from 6404 feet to 6554 feet in the above-described Continental Rattlesnake Well No. 136. Horizontal limits to be described as:

TOWNSHIP 29 NORTH, RANGE 19 WEST, NMPM
SECTION 2: S/2
SECTION 11: N/2

(c) Redesignate the Puerto Chiquito-Gallup Oil Pool, Rio Arriba County, as the Puerto Chiquito-Mancos Oil Pool and define the vertical limits to be from the depth correlative to the point depicted at 1997 feet on the log of the Intex Hijo Well No. 1, located in Unit F of Section 5, Township 26 North, Range 1 East, to the depth correlative to the point depicted at 3143 feet on said log. (From the top of the Niobrara Member of the Mancos Shale to the base of the Greenhorn formation).

(d) Extend the Boulder-Mancos Oil Pool boundary in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 1 WEST, NMPM
SECTION 27: N/2 SE/4

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

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM
SECTION 9: E/2 NW/4, W/2 NE/4 & E/2 SE/4

NMOCC Exhibit No. 1
Case No. 2920

The following is recommended for the Northwest nomenclature case for October, 1963:

- (a) Redesignate the Rattlesnake-Pennsylvanian Oil Pool, San Juan County, as the Rattlesnake-Pennsylvanian "CD" Oil Pool, and define the vertical limits to be from the depth correlative to the point depicted at 6554 feet on log of the Continental Rattlesnake Well No. 136, located in Unit J of Section 2, Township 29 North, Range 19 West, to the depth correlative to the point depicted at 6827 feet on said log.
- (b) Redesignate the Puerto Chiquito-Gallup Oil Pool, Rio Arriba County, as the Puerto Chiquito-Mancos Oil Pool, and define the vertical limits to be from the depth correlative to the point depicted at 1997 feet on the log of the Intex Hijo Well No. 1, located in Unit F, Section 5, Township 26 North, Range 1 East, to the depth correlative to the point depicted at 3143 feet on said log. (From the top of the Niobrara to the base of the Greenhorn formation.) This change is required by Order R-2565. No change in the horizontal limits at this time.
- (c) Create a new pool in San Juan County, New Mexico, classified as a gas pool for Pennsylvanian production, designated as the Rattlesnake-Pennsylvanian "B" Pool and described as:

TOWNSHIP 29 NORTH, RANGE 19 WEST, NMPM
Section 2: S/2
Section 11: N/2

based on:

Continental Oil Company #144 Rattlesnake
N-2-29N-19W
IP 675 MCFPD Perfs. 6402-6446

Continental Oil Company #146 Rattlesnake
B-11-29N-19W
IP 700 MCFPD Perfs. 6392-6442

vertical limits to be the Pennsylvanian formation identical to the zone from 6404 feet to 6554 feet in the Continental Rattlesnake Well No. 136, located in Unit J of Section 2, Township 29 North Range 19 West.

- (d) Extend the Boulder-Mancos Oil Pool boundary in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 1 WEST, NMPM
Section 27: N/2 SE/4

based on:

Poutz & Bursum #1 Val
I-27-28N-1W
IP 22 BOPD

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

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM
Section 9: E/2 NW/4, W/2 NE/4 and E/2 SE/4

based on:

E1 Paso Nat. Gas Products Company #131 Canyon Largo Unit
G-9-24N-6W
IP 88 BOPD

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

TOWNSHIP 31 NORTH, RANGE 16 WEST, NMPH
Section 17: NE/4 SW/4, N/2 SE/4 and SE/4 SE/4

TOWNSHIP 32 NORTH, RANGE 17 WEST, NMPH
Section 26: W/2 SW/4
Section 35: NW/4 SE/4

based on:

Atlantic Refining Company #17-4 Navajo
J-17-31N-16W
IP 40 BOPD

Atlantic Refining Company #17-5 Navajo
P-17-31N-16W
IP 120 BOPD

Skelly Oil Company #10 Navajo "P"
L-26-32N-17W
IP 44 BOPD

Skelly Oil Company #7 Navajo "P"
J-35-32N-17W
IP 138 BOPD

- (g) Extend the Otero-Gallup Oil Pool boundary in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 5 WEST, NMPH
Section 10: SE/4
Section 21: NE/4
Section 22: SW/4 NW/4

based on:

Continental Oil Company #3 Northeast Haynes
P-16-24N-5W
IP 110 BOPD

Continental Oil Company #5 Northeast Haynes
E-22-24N-5W
IP 110 BOPD

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

TOWNSHIP 28 NORTH, RANGE 12 WEST, NMPH
Section 18: S/2 NE/4

based on:

Sunray DX Oil Company #136 Gallegos Canyon Unit
H-18-28N-12W
IP 45 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. 2920
ORDER NO. R-2580

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on October 16, 1963, at Hobbs, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

Now, on this 30th day of October, 1963, 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 redesignation of the Rattlesnake-Pennsylvanian Oil Pool in San Juan County, New Mexico, as the Rattlesnake-Pennsylvanian "CB" Oil Pool and to define the vertical limits of said pool as; top of pool being that point correlative to the point depicted at 6554 feet and bottom of pool correlative to the point depicted at 6827 feet on the log of the Continental Rattlesnake Well No. 136 located in Unit J of Section 2, Township 29 North Range 19 West, NEM.
- (3) That there is need for the redesignation of the Puerto Chiquito-Gallup Oil Pool in Rio Arriba County, New Mexico, as the Puerto Chiquito-Manecos Oil Pool and to define the vertical limits of said pool as; top of pool being that point correlative to the point depicted at 1997 feet and bottom of pool correlative to the point depicted at 3143 feet on the log of the Intex Hijo Well No. 1 located in Unit F of Section 5, Township 26 North, Range 1 East, NEM. (From the top of the Niobrara formation to the bottom of the Greenhorn formation).
- (4) That there is need for the creation of a new pool in San Juan County, New Mexico, for the production of gas from the Pennsylvanian formation, said pool to bear the designation of Rattlesnake-Pennsylvanian "B" Pool.

-2-

Order No. R-2580
Case No. 2920

Said Rattlesnake-Pennsylvanian "B" Pool was discovered by Continental Oil Company's, Rattlesnake Well No. 144 located in Unit N of Section 2, Township 29 North, Range 19 West, NMPM. It was completed in Pennsylvanian "B" on June 8, 1962. The top of the perforations is 6402 feet. The vertical limits are described as the interval from 6404 feet to 6554 feet as found on the log of Continental Oil Company's Rattlesnake Well No. 136, located in Unit J of Section 2, Township 29 North, Range 19 West.

(5) That there is need for certain extensions to the Boulder-Mancos Oil Pool, the Devils Fork-Gallup Pool, and the Ottero-Gallup Oil Pool, all in Rio Arriba County, New Mexico, and to the Many Rocks-Gallup Oil Pool and the Totah-Gallup Oil Pool, both in San Juan County, New Mexico.

IT IS THEREFORE ORDERED:

(a) That the Rattlesnake-Pennsylvanian Oil Pool, San Juan County, New Mexico, is hereby redesignated as the Rattlesnake-Pennsylvanian "C" Oil Pool with vertical limits correlative to the zone from 6554 feet to 6827 feet depicted on the log of Continental Rattlesnake Well No. 136, located in Unit J of Section 2, Township 29 North, Range 19 West, NMPM.

(b) That the Puerto Chiquito-Gallup Oil Pool, Rio Arriba County, New Mexico, is hereby redesignated as the Puerto Chiquito-Mancos Oil Pool with vertical limits correlative to the zone from 1997 feet to 3143 feet depicted on the log of Intex Hijo Well No. 1 located in Unit F of Section 5, Township 26 North, Range 1 West, NMPM.

(c) That a new pool in San Juan County, New Mexico, classified as a gas pool for Pennsylvanian production, is hereby created and designated as the Rattlesnake-Pennsylvanian "B" Pool, consisting of the following-described area:

TOWNSHIP 29 NORTH, RANGE 19 WEST, NMPM

SECTION 2: S/2
SECTION 11: N/2

Vertical limits described as the interval from 6404 feet to 6554 feet as found on the log of Continental Rattlesnake Well No. 136 located in Unit J of Section 2, Township 29 North, Range 19 West, NMPM.

(d) That the Boulder-Mancos Oil Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 28 NORTH, RANGE 1 WEST, NMPM

SECTION 27: N/2 SE/4

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

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM

SECTION 9: E/2 NW/4, W/2 NE/4 and E/2 SE/4

-3-

Order No. R-2580

Case No. 2920

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

TOWNSHIP 31 NORTH, RANGE 16 WEST, NMPM

SECTION 17: NE/4 SW/4, N/2 SE/4 and SE/4 SE/4

TOWNSHIP 32 NORTH, RANGE 17 WEST, NMPM

SECTION 26: W/2 SW/4

SECTION 35: NW/4 SE/4

(g) That the Otero-Gallup Oil Pool in Rio Arriba County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 24 NORTH, RANGE 5 WEST, NMPM

SECTION 16: SE/4

SECTION 21: NE/4

SECTION 22: SW/4 NW/4

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

TOWNSHIP 28 NORTH, RANGE 12 WEST, NMPM

SECTION 18: S/2 NE/4

IT IS FURTHER ORDERED:

That the effective date of this order and all creations, extensions, redesignations, and designations of vertical limits included herein shall be November 1, 1963.

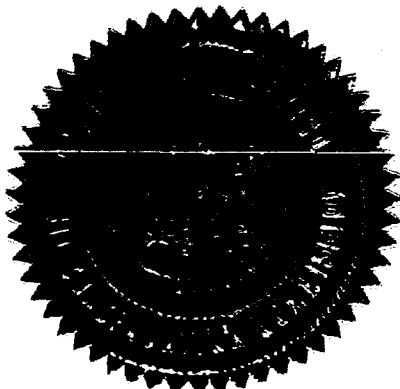
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

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

October 16, 1963

REGULAR HEARING

IN THE MATTER OF:
New Mexico nomenclature case
calling for the creation and extension
of pools in San Juan and Rio
Arriba Counties, New Mexico, and for the
designating and redesignation of certain
vertical limits.

Case No. 2920

BEFORE: S. "Johnnie" Walker, Land Commissioner
"Pete" Porter, Secretary-Director

TRANSCRIPT OF HEARING

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.
PHONE 325-1182

SANTA FE, N. M.
PHONE 963-3671

ALBUQUERQUE, N. M.
PHONE 243-6691

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
HOBBS, NEW MEXICO
October 16, 1963

REGULAR HEARING

IN THE MATTER OF:

Northwest New Mexico nomenclature case
calling for the creation and extension
of certain pools in San Juan and Rio
Arriba Counties, New Mexico, and for the
designation and redesignation of certain
vertical limits.

Case No. 2920

BEFORE: E. S. "Johnnie" Walker, Land Commissioner
A. L. "Pete" Porter, Secretary-Director

TRANSCRIPT OF HEARING

MR. PORTER: We will take up Case 2920, the Northwest
New Mexico nomenclature case.

E. C. ARNOLD,

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

DIRECT EXAMINATION

BY MR. DURRETT:

Q Please, state your name and position for the record?

A E. C. Arnold, Supervisor, District 3, for the Oil
Conservation Commission.

Q Mr. Arnold, are you prepared to recommend to the

DEARNLEY, MEIER, WILKINS and CROWNOVER

General Court Reporting Service

Suite 1120 Simms Building

Albuquerque, New Mexico Phone 243-6691

Commission today that it issue an order creating and extending certain pools in Rio Arriba and San Juan Counties and concerning the designation and redesignation of certain vertical limits and have you prepared your recommendations in the form of an exhibit?

A Yes, I have.

Q How is that marked, Mr. Arnold?

A Exhibit No. 1, Case 2920.

Q And is this exhibit basically similar to the docket that has been prepared and distributed here today?

A Yes, I believe it is exactly the same as the docket.

Q Would you, please, refer to the exhibit and to the docket and briefly summarize your recommendations to the Commission?

A Paragraph "A" the recommendation is to redesignate the Rattlesnake-Pennsylvanian Oil Pool in San Juan County as the Rattlesnake-Pennsylvanian "CD" Oil Pool, and to define the vertical limits to be from the depth correlative to the point depicted at 6554 feet on the log of Continental Rattlesnake Well No. 136, located in Unit "J" of Section 2, Township 29 North, Range 19 West, to a depth correlative to the point depicted at 6827 feet on said log.

Paragraph "B", I recommend that we redesignate the Puerto Chiquito-Gallup Oil Pool, Rio Arriba County, as the Puerto Chiquito-Mancos Oil Pool and define the vertical limits to be from the depth correlative to the point depicted at 1997 feet on the log of the Intex Hijo Well No. 1, located in Unit "F" of Section 5, Township

DEARNLEY, MEIER, WILKINS and CROWNOVER

General Court Reporting Service

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



DEARNLEY, MEIER, WILKINS and CROWNOVER

General Court Reporting Service

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

26 North, Range 1 East, to the depth correlative to the point depicted at 3143 feet on said log, this is from the top of the Niobrara Member of the Mancos Shale to the base of the Greenhorn formation. There will be no change in the horizontal limits at this time.

Under Paragraph "C", I recommend that we create a new pool in San Juan County, New Mexico, classified as a gas pool for Pennsylvanian production, designated as the Rattlesnake- Pennsylvanian "B" Gas Pool. The horizontal limits to be Township 29 North, Range 19 West, Section 2, the South half and Section 11, the North half.

Q Just a moment, now, is your recommendation concerning the creation of the Rattlesnake-Pennsylvanian "B" Gas Pool under Paragraph "C"?

A That's correct.

Q Then, it should be changed on the docket, it appears on the docket as Paragraph "B", but that should be changed, is that right?

A Yes.

Q Now, then, following the same line of thought, on your exhibit your recommendation concerning redesignating the Puerto Chiquito-Gallup pool is in fact Paragraph "B" on the exhibit, is that correct?

A That's correct. In Paragraph "C" the discovery well was the Continental Rattlesnake No. 136, located in Unit J,



Section 2, Township 29 North, Range 19 West and the vertical limits are recommended as the top of the zone at 6404 to 6554 feet as taken from this log.

Under Paragraph "D", I recommend that the Boulder-Mancos Oil Pool boundary on Rio Arriba County, New Mexico, be extended as shown on the docket.

And Paragraph "E", I recommend the Devils Fork-Gallup Pool be extended as shown on the docket.

Paragraph "F", I recommend the Many Rocks-Gallup Oil Pool be extended as shown on the docket.

Paragraph "G", I recommend the Otero-Gallup Oil Pool be extended as shown on the docket.

Paragraph "H", I recommend the Totah-Gallup Oil Pool be extended as shown on the docket.

Q Do you have anything else to offer to the Commission at this time, Mr. Arnold?

A I don't believe so.

Q Was Exhibit No. 1 prepared by you or under your direct supervision?

A I, also, have a log of the Continental Well No. 136, which I will mark as Exhibit No. 2, and a log of the Intex Hijo Well No. 1, which I will mark as Exhibit No. 3.

MR. PORTER: Who did you obtain those logs?

A They were both Schlumberger well logs.

Q And are Exhibits 2 and 3, the two well logs, kept by you

DEARNLEY, MEIER, WILKINS and CROWNOVER

General Court Reporting Service

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



in the official files of the Oil Conservation Commission in the ordinary course of your business and duties?

A Yes.

MR. DURRETT: If the Commission please, I move the introduction of Exhibits 1, 2, and 3, and that concludes my direct examination of Mr. Arnold.

MR. PORTER: Without objection the exhibits will be admitted.

CROSS EXAMINATION

BY MR. PORTER:

Q Mr. Arnold, in connection with, I believe, Paragraph "A" and "C" on your exhibit, we have an existing pool called the Rattlesnake-Pennsylvanian Oil Pool and, then, there has been a discovery of gas in the same well?

A That's right.

Q And, so, its necessary to create a gas pool?

A Yes, we have, based upon Continental's recommendations, designated four producing zones in that area, Zones A, B, C, and D, and the Rattlesnake-Pennsylvanian Oil Pool is completed in two of these zones, the C and D Zones, and the Rattlesnake-Pennsylvanian Gas Pool is completed in the "B" Zone. The 136 Well was, I believe, originally completed as a gas well in the B Zone, in fact, it was the discovery well for the B Zone, and it has since been recompleted as an oil well in the CD Zone, that's the reason it shows as the discovery well in the B Zone even though its not

DEARNLEY, MEIER, WILKINS and CROWNOVER

Phone 243-6691

General Court Reporting Service

Albuquerque, New Mexico

Suite 1120 Simms Building



completed in that zone at the present time.

MR. PORTER: Thank you, does anyone else have a question of this witness? You may be excused.

Does anyone else have anything further to offer in this case?

The Commission will take the case under advisement.

At this time I wish to thank Governor Easley for helping us for the last few minutes of the hearing.

If there is nothing else to come before the Commission, the hearing will be adjourned.

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) ss

I, NORRIS R. CROWNOVER, 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 this 3rd day of November, 1963.

Norris R. Crownover
NOTARY PUBLIC

My Commission Expires:

July 11, 1967.

DEARNLEY, MEIER, WILKINS and CROWNOVER

General Court Reporting Service

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



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. 2920
Order No. R-2580

THE APPLICATION OF THE OIL
CONSERVATION COMMISSION UPON
ITS OWN MOTION FOR AN ORDER

Creating, Redesignating, Designating
Vertical Limits and Extending
Certain Pools in Rio Arriba
and San Juan Counties,
New Mexico.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on October 16, 1963
at ~~Santa Fe~~ ^{Hobbs}, New Mexico, before the Oil Conservation Commission of New Mexico,
hereinafter referred to as the "Commission."

NOW, on this 16 day of October, 1963, 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) }
(3) } See attached sheet
(4) }
(5) }

(2) That there is need for the redesignation of the Rattlesnake-Pennsylvanian Oil Pool in San Juan County, New Mexico, as the Rattlesnake-Pennsylvanian "CD" Oil Pool and to define the vertical limits of said pool as; top of pool being that point correlative to the point depicted at 6554 feet and bottom of pool correlative to the point depicted at 6827 feet on the log of the Continental Rattlesnake Well No. 136 located in Unit J of Section 2, Township 29 North, Range 19 West, NMPM.

(3) That there is need for the redesignation of the Puerto Chiquito-Gallup Oil Pool in Rio Arriba County, New Mexico, as the Puerto Chiquito-Mancos Oil Pool and to define the vertical limits of said pool as; top of pool being that point correlative to the point depicted at 1997 feet and bottom of pool correlative to the point depicted at 3143 feet on the log of the Intex Hijo Well No. 1 located in Unit F of Section 5, Township 26 North, Range 1 East, NMPM. (From the top of the Niobrara formation to the bottom of the Greenhorn formation).

(4) That there is need for the creation of a new pool in San Juan County, New Mexico, for the production of gas from the Pennsylvanian formation, said pool to bear the designation of Rattlesnake-Pennsylvanian "B" Pool. Said Rattlesnake-Pennsylvanian "B" Pool was discovered by Continental Oil Company's Rattlesnake Well No. 144 located in ~~the 24th unit~~ Unit N of Section 2, Township 29 North, Range 19 West, NMPM. It was completed in Pennsylvanian "B" on June 8, 1962. The top of the perforations is 6402 feet. The vertical limits are described as the interval from 6404 feet to 6554 feet as found on the log of Continental Oil Company's Rattlesnake Well No. 136, located in Unit J of Section 2, Township 29 North, Range 19 West.

(5) That there is need for certain extensions to the Boulder-Mancos Oil Pool, the Devils Fork - Gallup Pool, and the Otero-Gallup Oil Pool, all in Rio Arriba County, New Mexico, and to the Many Rocks - Gallup Oil Pool and the Totah - Gallup Oil Pool, both in San Juan County, New Mexico.

It Is Therefore Ordered:

(a) That the Rattlesnake - Pennsylvanian Oil Pool, San Juan County, New Mexico, is hereby redesignated as the Rattlesnake - Pennsylvanian "CD" Oil Pool with vertical limits from ~~6554 feet to 6827 feet~~ as depicted correlative to the zone from 6554 feet to 6877 feet depicted on the log of Continental Rattlesnake Well No. 136, located in Unit J of Section 2, Township 29 North, Range 19 West, NMPPM.

(b) That the Puerto Chiquito - Gallup Oil Pool, Rio Arriba County, New Mexico, is hereby redesignated as the Puerto Chiquito - Mancos Oil Pool with vertical limits correlative to the zone from 1997 feet to 3143 feet depicted on the log of Intex Hijo Well No. 1 located in Unit F of Section 5, Township 26 North, Range 1 East, NMPPM.

~~---~~

(C) That a new pool in San Juan
County 4, New Mexico, classified as a gas pool for
Pennsylvanian production, is hereby created and designated as the
Rattlesnake - Pennsylvanian "B" Pool, consisting
of the following-described area:

Township 29 North, Range 19 West, NM PM

Section 2: S/2

Section 11: N/2

Vertical limits described as the interval from 6404 feet to 6554 feet
as found on the log of Continental Rattlesnake Well No. 136 located
in Unit 1 of Section 2, Township 29 North, Range 19 West, NM PM.

(d) That the Boulder - Mancos Oil Pool in Rio Arriba
County 4, New Mexico, as heretofore classified, defined, and described,
is hereby extended to include therein:

Township 28 North, Range 1 West, NM PM

Section 27: N/2 (NE 1/4) SE/4

(e) That the Devils Fork - Gallup Pool in Rio Arriba
County 4, New Mexico, as heretofore classified, defined, and described,
is hereby extended to include therein:

Township 24 North, Range 6 West, NM PM

Section 9: E/2 NW/4, W/2 NE/4 and E/2 SE/4

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

Township 31 North, Range 16 West, NMPM
Section 17: NE $\frac{1}{4}$ SW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$ and SE $\frac{1}{4}$ SE $\frac{1}{4}$

Township 32 North, Range 17 West, NMPM
Section 26: W $\frac{1}{2}$ SW $\frac{1}{4}$
Section 35: NW $\frac{1}{4}$ SE $\frac{1}{4}$

(g) That the Otero - Gallup Oil Pool in Rio Arriba
County y, New Mexico, as heretofore classified, defined, and described,
is hereby extended to include therein:

Township 24 North, Range 5 West, NMPM
Section 16: SE $\frac{1}{4}$
Section 21: NE $\frac{1}{4}$
Section 22: SW $\frac{1}{4}$ NW $\frac{1}{4}$

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

Township 28 North, Range 12 West, NMPM
Section 18: S $\frac{1}{2}$ NE $\frac{1}{4}$

It Is Further Ordered:

That the effective date of this order and all
creations, extensions, redesignations, and designations of
vertical limits included herein shall be November 1, 1963.

Done at Santa Fe, New Mexico, on the day and year
hereinafore designated.

State Of New Mexico
Oil Conservation Commission