

Case No.

296

Application, Transcript,
Small Exhibits, Etc.

QAS 296: CCC for extension or creation of
pools, ~~the~~ New Mexico upon application of
Astec, Shell, Ohio and Tide Water

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED
BY THE OIL CONSERVATION COMMISSION OF
NEW MEXICO, FOR THE PURPOSE OF CON-
SIDERING:

CASE No. 296
ORDER No. R-101

THE MATTER OF THE APPLICATION OF THE
OIL CONSERVATION COMMISSION, UPON ITS
OWN MOTION, FOR THE PURPOSE OF CREATING
NEW POOLS OR EXTENSION OF EXISTING POOLS
TO INCLUDE CERTAIN WELLS IN LEA COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This matter came on for hearing this 7th day of August, 1951, at 10:00 a.m. at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 15th day of October, 1951, the Commission, a quorum being present, considered the testimony adduced relating to the various matters in said cause, and being fully advised in the premises,

FINDS, (1) That due notice of publication having been given in accordance with law, the Commission has jurisdiction of the cause and of the matters and things relating thereto.

(2) That the boundaries of the North Brunson (Ellenburger) pool, as heretofore established and described, should be changed to include Lots 11, 12, 13, and 14 of section 2, and Lots 9, 10, 15, and 16 of section 3, in Township 21 South, Range 37 East, N.M.P.M., Lea County, New Mexico, for the purpose of including therein Aztec Oil and Gas Company's State No. 3 well, and other developments.

(3) That the boundaries of the Hare (Simpson) pool, as heretofore established and described, should be changed to include section 15, Township 21 South, Range 37 East.

IT IS THEREFORE ORDERED, That the application of the Oil Conservation Commission of New Mexico, upon its own motion, for the creation of new pools and the extension of existing pools to certain wells in Lea County, New Mexico, is hereby approved, and that the boundaries of the North Brunson (Ellenburger) pool, be, and the same hereby are extended to include:

Township 21 South, Range 37 East, N.M.P.M.

Lots 11, 12, 13, 14 in section 2

Lots 9, 10, 15, 16 in section 3

and the boundaries of the Hare (Simpson) pool, be, and the same hereby are extended to include:

Township 21 South, Range 37 East, N.M.P.M.

Section 15, all

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

Edwin L. Mechem
EDWIN L. MECHEM, Chairman

Guy Shepard
GUY SHEPARD, Member

R. R. Spurrer
R. R. SPURRER, Secretary

NOTICE FOR PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

The State of New Mexico by its Oil Conservation Commission hereby gives Notice pursuant to law and the Rules and Regulations of said Commission promulgated thereunder of the following special Public hearing to be held August 7, 1951, beginning at 10:00 o'clock A. M. on that day in the Council Chambers, City Hall, Santa Fe, New Mexico

STATE OF NEW MEXICO to:

All named parties, all interested
persons and notice to the public:

CASE NO. 296: In the matter of the application of the Oil Conservation Commission upon its own motion for an Order creating a new pool for or an extension of an existing pool for (1) Aztec Oil and Gas Company's State No. 3 Well located 3175' from the South line and 660' feet from the West line (Lot 13) of Section 2, Township 21 South, Range 37 East, NMPM Lea County, New Mexico; (2) For Shell Oil Company to include SW/4 Section 15, Township 21 S, Range 37 E; (3) Ohio Oil Company to include SE/4 Section 15, Township 21S, Range 37 E; (4) Tidewater Oil Company to include N 1/2 NW/4 Section 15, Township 21 S, Range 37 E, Lea County, New Mexico.

GIVEN under the seal of the Oil Conservation Commission of New Mexico at Santa Fe, New Mexico on July 23, 1951.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


R. R. SPURRIER,
Secretary-Director

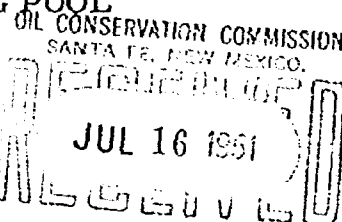
SEAL

C-123

REQUEST FOR THE EXTENSION OF AN EXISTING POOL

OR

THE CREATION OF A NEW POOL



TO: The Oil Conservation Commission
Box 871
Santa Fe, New Mexico

The Continental Oil Company W. C. Hawk B-3
Name of Operator Name of Lease

3-E Located 2970 feet from the ~~XXXX~~ (S) line and 660 feet
Well No.

from the (E) ~~XXXX~~ of 3 21S 37E
Section Township Range

is outside the boundaries of any pool producing from the same formation. On
the basis of the information submitted herewith on form C-105, we hereby re-
quest that the North Brunson pool

be extended to include the following area Lots 15 and 16, Section 3-21S-37E

or that a new pool be created to include the following described area _____

Suggested name: _____

Continental Oil Company
Operator

E. L. Shapiro
Representative
District Superintendent

Jason check for Hawk

OIL CONSERVATION COMMISSION
HOBBS, NEW MEXICO

July 12, 1951

C
O
P
Y

Continental Oil Company
Box C C
Hobbs, New Mexico

Gentlemen:

According to our records your Hawk B #3 3-E-P, 3-21-37 is located outside a designated pool, and you will therefore fill in the enclosed form C-123 and mail in accordance with the instructions thereon.

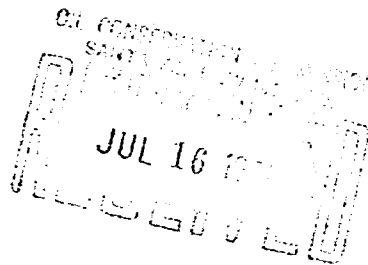
Since this well is located within one mile of the North Brunson pool and is producing from the same formation as the wells in the North Brunson pool it will be prorated in accordance with the regulations governing that pool.

Yours very truly,

OIL CONSERVATION COMMISSION

A. L. Porter, Jr.
Proration Manager

ALP/od
cc/ Mr. R. R. Spurrier



New Mexico
OIL CONSERVATION COMMISSION

GOVERNOR EDWIN L. MECHEM
CHAIRMAN
LAND COMMISSIONER GUY SHEPARD
MEMBER
STATE GEOLOGIST R. R. SPURRIER
SECRETARY AND DIRECTOR



P. O. BOX 1545
HOBBS, NEW MEXICO
July 10, 1951

Mr. R. R. Spurrier
Box 871
Santa Fe, New Mexico

Dear Dick:

I am enclosing herewith form C-123 as filed by the Shell Oil Company and the Aztec Oil and Gas Company. I am retaining one copy of each for my files.

The Shell Oil Company is requesting an extension of the Hare pool to include the SW $\frac{1}{4}$ of section 15-21S-37E. The Ohio Oil Company has already filed a request for the inclusion of the SE $\frac{1}{4}$ of section 15 and the Tidewater Associated Oil Company has filed a request for the inclusion of the NW $\frac{1}{4}$ of the NW $\frac{1}{4}$ of section 15. Since both the Ohio and Tidewater wells were placed on proration in April I believe these requests should be considered at the July 24th hearing. It is my opinion that all of section 15 should become a part of the Hare pool.

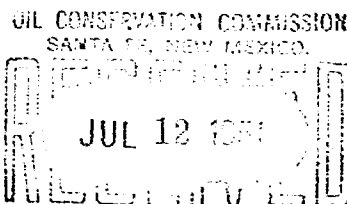
The form C-123 filed by the Aztec Oil and Gas Company is a request for the extension of the North Brunson pool to include Lot 13, section 2-21S-37E for their State # 3. Since this well was completed April 11th, I believe this request should also be considered at the July 24th hearing if possible.

Yours very truly,

OIL CONSERVATION COMMISSION

A. L. Porter, Jr.
Proration Manager

ALP/cd



L. G. Warlick "C" Well No. 7 - Hare Pool

Core #1, coring in Lime and Shale, from 7400' to 7414', cored 14'. Recovered 11' in 11½ hrs. (2½') hard black shale 7400' - 7402½'; (1') hard dark green shale 7402½' - 03½'; (7') hard dense grey limestone, 7403½' - 10½'; (1/2') soft earthy limestone 7410½' - (11') all barren no shows.

Core #2, from 7414' - 7463', cored 49' in 29 hrs. 57 min. Recovered 49'. 7414' - 17' (3') shaly detrital limestone; 7417' - 24' (7') hard brown limy shale; 7424' - 26½' (2½') shaly detrital limestone; 7426½' - 31½' (5') hard limy green & brown shale; 7431½' - 34' (2½') shaly grey limestone; 7434' - 40' (6') sandy grey and green shale; 7440' - 44' (4') very fine limy sand, good odor & good oil stain; 7444' - 51½' (7½') hard limy green shale, no shows; 7451½' - 63' (11½') very fine limy sand, good odor and good oil stain.

Core #3, from 7464' to 7487', cored 23'. Recovered 13'. 7464' - 67' (3') fine sand good odor, good oil stain slightly bleeding oil; 7467' - 7469' (2') hard green shale; 7469' - 7471' (2') very fine shale light green sand fair odor good oil stain; 7471' - 7473' (2') hard green shale. 7473' - 7476' (3') very gummy soft green shale. 7476' - 7477' (1') hard dense limy sand no odor no stain. 7477' - 7487' no recovery lost core.

Core #4, 7487' to 7511' cored 24' in 16 hrs. 22 min. Recovered 15'. 7487' - 88½' (1½') sand w/shale partings; 7488½' - 91½' shale barren; 7491' - 92½' (1½') sand barren. 7492½' - 93' (½') shale barren. 7493' - 7502' (9') sand & sandy shale barren, slight orod in bottom 6". 7502' - 7511' (9') not recovered.

Core #5 coring in McKee Sand from 7512' - 7539'. Cored 27' in 15 hrs. 10 min. Recovered 9'. 7512' - 7518-3/4' (6-3/4') hard green shale. 7518-3/4' - 7520-3/4' (2') soft gummy green shale. 7520-3/4' - 7521' (1/4') hard light green sand.

Core #6, coring in Simpson formation from 7539' to 7557'. Cored 18' in 16 hrs. 55 min. Recovered 18'. 7539' - 7551' (12') very hard green shale. 7551' - 7554½' (3½') very shaly fine grey green sand apparently barren. 7554½' - 7557' (2½') sandy hard green shale apparently barren.

Core #7, coring in Simpson formation from 7559' to 7571' cored 12' in 6 hrs. 33 min. Recovered 12'. 7559' - 7564' (5') hard shaly sand slight odor. 7564' - 7568-3/4' (4-3/4') hard green shale. 7568-3/4' - 7570-3/4' (2') soft gummy green shale. 7570-3/4' - 7571' (1/4') hard dark grey shaly lime.

Core #8, coring in Simpson from 7572' to 7577'. Cored 5' recovered 5'. 7572' - 7575' (3') hard very sandy dark grey. 7575' - 7577' (2') soft gummy green shale.

Core #9, coring from 7598' to 7615'. Cored 17' in 11½ hrs. Recovered 12'. 7598' - 7601' (3') hard grey sand good odor good oil stain. 7601' - 7606' (5') hard green shale. 7606' - 7608' (2') very hard green shale; 7608' - 7610' (2') soft gummy green shale.

Core #10, coring in Simpson from 7615' to 7625'. Cored 10' in 8 hrs. 45 min. Recovered 10'. 7615' 7618½' (3½') hard green shale. 7618½' - 7620½' (2') very hard tight sand, good odor good stain. 7620½' - 7625' (4½') hard tight sand very good stain slightly bleeding oil & gas.

L. G. Warlick "C" Well No. 7 - Hare Pool

Core #11, coring from 7625' to 7631'. Cored 6' recovered 6' medium grain hard grey sand very good odor good stain.

Core #12, coring from 7631' to 7642', cored 11'. Recovered 11'. 7631' - 7632' (1') clean grey sand very good odor. 7632' - 7634½' (2½') sandy green shale fair odor slight oil stain. 7634½' - 7642' (7½') clean grey sand very good odor good oil stain.

Core #13, coring from 7642' to 7647', cored 5'. Recovered 4½'. 7642' - 7644½' (2½') medium to coarse hard grey sand very good odor good stain good fluorescence. 7644½' - 7646½' fine grain hard grey sand slight odor good stain.

DST #1 testing from 7402' to 7572', tool open 4 hrs. 20 min. 5/8" BHC and 1" top choke. Recovered 1000' water blanket plus 5300' oil.

DST #2 testing from 7572' to 7650', packer failed to hold, no test.

DST #3 testing from 7559' to 7650' packer failed to hold, no test.

DST #4 testing from 7593' to 7650' tool open 5 hrs. 20 min. Gas to surface in 70 min. no fluid to surface. Recovered 1000' water blanket plus 5200' of clean oil. Flwg. pressure 1625#, 10 min. shut in 2450#, hydrostatic press. 3850#.

C-123

REQUEST FOR THE EXTENSION OF AN EXISTING POOL
OR
THE CREATION OF A NEW POOL

TO: The Oil Conservation Commission
Box 871
Santa Fe, New Mexico

The The Ohio Oil Company L. G. Warlick "C"
Name of Operator Name of Lease

7 Located 405 feet from the (N) or (S) line and 2310 feet
Well No.
from the (E) or (W) of 15 21S 37E
Section Township Range

is outside the boundaries of any pool producing from the same formation. On
the basis of the information submitted herewith on form C-105, we hereby re-
quest that the Here pool
be extended to include the following area SE/4 of Sec. 15

or that a new pool be created to include the following described area

Suggested name: _____

The Ohio Oil Company
Operator

J. B. Reese
Representative

Core sale

RECORD OF DRILL STEM TESTS
State "S" No. 5, Lea County

DST #1: 7606 - 7700; open 1 Hr. 13 Min.; gas in 5 Min.;
mud in 11 Min.; oil in 13 Min.; F. 62.22 BOPH;
5/8" BHG, 1" top; GOR 611; gravity 43.6; FP.
1300 - 1360, 15" SIP. 2700 psi.

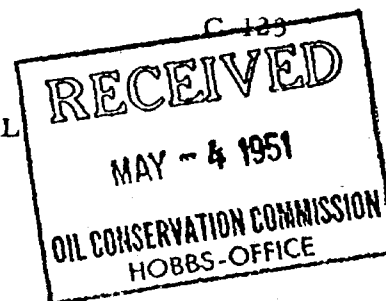
DST #2: 7704 - 7800; open 4 Hrs. and 12 Min.; gas in
3 Min.; mud in 12 Min.; oil in 13 Min.; F.
21.65 BOPH for 4 Hrs.; 5/8" BHG, 1" top; GOR.
1028; gravity 40.8; FP. 850 - 1100 psi, 15"
SIP. 2250 psi.

DST #3: 7844 - 7880; open 45 Min.; rec. 35' DM; FP.
100 - 180.

DST #4: 8005 - 8148; open 3 Hrs.; rec. 6650' oil;
5/8" BHG, 1" top; FP. 375 - 1250 psi; 15"
SIP. 1550 psi.

ORIGINAL

REQUEST FOR THE EXTENSION OF AN EXISTING POOL
OR
THE CREATION OF A NEW POOL



TO: The Oil Conservation Commission
Box 871
Santa Fe, New Mexico

The Tide Water Associated Oil Company State "NM"
Name of Operator Name of Lease

5 Located 660 feet from the (N) or (S) line and 990 feet
Well No.

from the (E) or (W) of 15 21-S 37-E
Section Township Range

is outside the boundaries of any pool producing from the same formation. On
the basis of the information submitted herewith on form C-105, we hereby re-
quest that the Here pool

be extended to include the following area N/2 of NW/4 Section 15, T-21-S,
R-37-E, Lea County, New Mexico

or that a new pool be created to include the following described area

Suggested name: _____

Tide Water Associated Oil Co.
Operator

Orig, 2cc - OCC
1cc - Tulsa
1cc - Houston
1cc - Midland
1cc - file

H.P. Shackelford H.P. Shackelford
Representative
District Foreman

NOTICES OF PUBLICATION

CASE 296

Hobbs Daily News Sun
Santa Fe New Mexican

July 27, 1951

BEFORE THE
OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

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TRANSCRIPTION OF HEARING

CASE NO. 296

August 7, 1951  
(DATE)

E. E. GREESON  
ADA DEARNLEY  
COURT REPORTERS  
BOX 1302  
PHONE 2-4547  
ALBUQUERQUE, NEW MEXICO

BEFORE THE  
OIL CONSERVATION COMMISSION  
STATE OF NEW MEXICO

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In re: In the matter of the application of the Oil Conservation Commission upon its own motion for an order creating a new pool for or extension of an existing pool for certain wells in southeastern New Mexico, as presented by (1) Aztec Oil and Gas Company; (2) Shell Oil Company; (3) Ohio Oil Company; and (4) Tide Water Associated Oil Company.

Case No. 296

TRANSCRIPT OF HEARING  
August 7, 1951

(See transcript in Case 269 and 270 for register of attendance and appearances.)

MR. SHEPARD: Case No. 296.

(Mr. Graham reads the Notice of Publication.)

MR. SHEPARD: Mr. Utz, do you want to testify on this?

MR. UTZ: No, I don't have any testimony on this.

(Off the record.)

MR. SHEPARD: Case No. 296 will be passed temporarily and we will take up Case No. 297.

(Recess in the case.)

MR. SHEPARD: Case No. 296.

(Mr. Graham reads the Notice of Publication.)

MR. SHEPARD: Does anyone have anything to say or anything to make on this. Without any objections it will be approved as read.

We will take up Case No. 291.

-O-O-

STATE OF NEW MEXICO )  
COUNTY OF BERNALILLO ) SS.

I HEREBY CERTIFY that the foregoing and attached transcript of proceedings in Case No. 296 before the Oil Conservation Commission taken on August 7, 1951, is a true and correct record of the same to the best of my knowledge, skill and ability.

DATED at Albuquerque, this 28 day of August, 1951.

E. E. Green  
REPORTER





*Already in  
N. Brunson  
(9/27/51)*

C-123

*296*

REQUEST FOR THE EXTENSION OF AN EXISTING POOL  
OR  
THE CREATION OF A NEW POOL

TO: The Oil Conservation Commission  
Box 871  
Santa Fe, New Mexico

The Aztec Oil and Gas Co. State \_\_\_\_\_  
Name of Operator \_\_\_\_\_ Name of Lease \_\_\_\_\_  
3 Located 3175 feet from the (N) or (S) line and 660 feet  
Well No. \_\_\_\_\_  
from the (E) or (W) of 2 Section \_\_\_\_\_ 21S Township 37E Range

is outside the boundaries of any pool producing from the same formation. On  
the basis of the information submitted herewith on form C-105, we hereby re-  
quest that the North Brunson pool  
be extended to include the following area Lot 13 Sec 2-T21S-R37E  
Lea County, N.M.  
or that a new pool be created to include the following described area \_\_\_\_\_

Suggested name: \_\_\_\_\_

Aztec Oil and Gas Co.  
Operator  
*Prentice R. Watts, Jr.*  
Representative  
Prentice R. Watts, Jr.

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO  
JUL 12 1951  
RECEIVED

#### INSTRUCTIONS

Form C-123, when applicable, is to be submitted not later than twenty (20) days after completion of well and should accompany form C-105. Mail to Oil Conservation Commission, Santa Fe, New Mexico. Submit in triplicate.