

153: Continental Oil Company's
application for 320-acre non-standard
gas proration unit in Eumont.

Case No.

1153

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. 1143
Order No. R-608

THE APPLICATION OF CONTINENTAL OIL
COMPANY FOR AN ORDER GRANTING
APPROVAL OF AN AMENDMENT TO RULE 8
(a) OF THE SPECIAL RULES AND RE-
GULATIONS FOR THE MOUNTAIN GAS POOL.
AS SET FORTH IN ORDER NO. R-608 IN
CONSIDERATION OF A PROPOSED GAS
FRACTURE UNIT OF 320 ACRES
MORE OR LESS OF NE/4 SECTION 10
AND SW/4 SECTION 11, TOWNSHIP 20 SOUTH,
RANGE 37 EAST, NEPM, LEA COUNTY, NEW
MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on
September 24, 1956, at Hobbs, New Mexico, before Daniel S. Hutter,
Examiner duly appointed by the Oil Conservation Commission of New
Mexico, hereinafter referred to as the "Commission," in accordance
with Rule 1214 of the Commission's Statewide Rules and Regulations.

NOW, on this 7th day of November, 1956, the Commission,
a quorum being present, having considered the records and testimony
adduced, and being fully advised in the premises,

FINDS:

(1) That due notice of the time and place of hearing
and the purpose thereof having been given as required by law, the
Commission has jurisdiction of this case and the subject matter
thereof.

(2) That applicant, Continental Oil Company, is the
operator of federal oil and gas leases in Lea County, New Mexico,
the land consisting of other than a legal section, a portion of
which is described as follows, to-wit:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NEPM
Section 10: NE/4
Section 11: SW/4

containing 320 acres, more or less.

Case No. 1183
Order No. R-908

(3) That the applicant, Continental Oil Company, has a producing well on the aforesaid acreage known as its Britt B-10 Well No. 2, located 600 feet from the South line and 600 feet from the East line of Section 10, Township 20 South, Range 37 East.

(4) That the aforesaid well was completed and is productive subsequent to the effective date of Order No. R-820, and is located within the horizontal limits of the pool heretofore delineated and designated as the Eumont Gas Pool; said well presently has 100 acres assigned to it comprising the NE/4 of said Section 10.

(5) That it is practical and in the best interest of conservation to pool the presently dedicated acreage with the SE/4 Section 11, Township 20 South, Range 37 East, in the Eumont Gas Pool.

IT IS THEREFORE ORDERED:

(1) That the application of Continental Oil Company for approval of a non-standard gas proration unit consisting of the following described acreage in the Eumont Gas Pool, Lea County, New Mexico,

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NE/4
Section 10: NE/4
Section 11: SW/4

be and the same is hereby approved, and a proration unit consisting of the aforesaid acreage is hereby created.

(2) That applicant's well, Britt B-10 No. 2, located in the NE/4 NE/4 of said Section 10, Eumont Gas Pool, shall be granted an allowable in the proportion that the above-described 320-acre unit bears to the standard proration unit according to Rule 8 of the pool rules for said pool, all until further order of the Commission.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

John F. Sims
JOHN F. SIMS, Chairman

E. S. Walker
E. S. WALKER, Member

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



MAIN OFFICE OCC

BEFORE THE OIL CONSERVATION COMMISSION
OF THE
STATE OF NEW MEXICO

1956 AUG 12 IN 1:10

IN THE MATTER OF THE APPLICATION
OF CONTINENTAL OIL COMPANY FOR AN
EXCEPTION TO RULE 5 (a) OF THE
SPECIAL RULES AND REGULATIONS FOR
THE LUMONT GAS POOL CONTAINED IN
ORDER NO. R-520 IN ESTABLISHMENT
OF A NON-STANDARD GAS PRORATION
UNIT OF 320 ACRES CONSISTING OF SE/4
SECTION 10 AND SW/4 SECTION 11,
T 20S, R 37E, NMPM, LEA COUNTY,
NEW MEXICO, TO BE ALLOCATED TO ITS
BRITT B-10 WELL NO. 3.

1157

Examiner

He before

DSW @

Horton

on 7/26/56

A P P L I C A T I O N

Comes now applicant, Continental Oil Company and
petitions the Commission for an order approving a non-standard
gas proration unit consisting of SE/4 Section 10 and SW/4 Section
11 both in T 20S, R 37E, NMPM, Eumont gas pool, Lea County,
New Mexico, to be allocated to its Britt B-10 No. 3 well located
660 feet from the south and east lines of said Section 10 and
in support thereof would show:

1. That applicant is operator of the Britt B and
Skaggs B leases containing among other lands the
SE/4 of Section 10 and SW/4 of Section 11, T 20S,
R 37E, NMPM, Lea County, New Mexico.
2. That applicant drilled the Britt B-10 No. 3 at
a location 660 feet from the south and east
lines of said Section 10 and completed it as a
gas well on June 2, 1956.
3. That by Order No. WSP-294 the SE/4 of Section 10
is allocated to the said well but the SW/4 of
Section 11 is not allocated to any gas well, that
all of said acreage may reasonably be presumed
to be productive of gas from the Eumont Pool and
should be allocated to a gas well in the interests
of the prevention of waste and the protection of
correlative rights.

sent
copy

to

Jacob

Horton

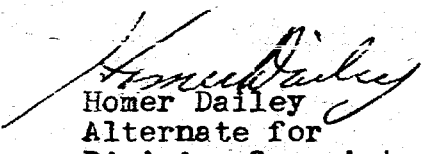
on 9/11/56

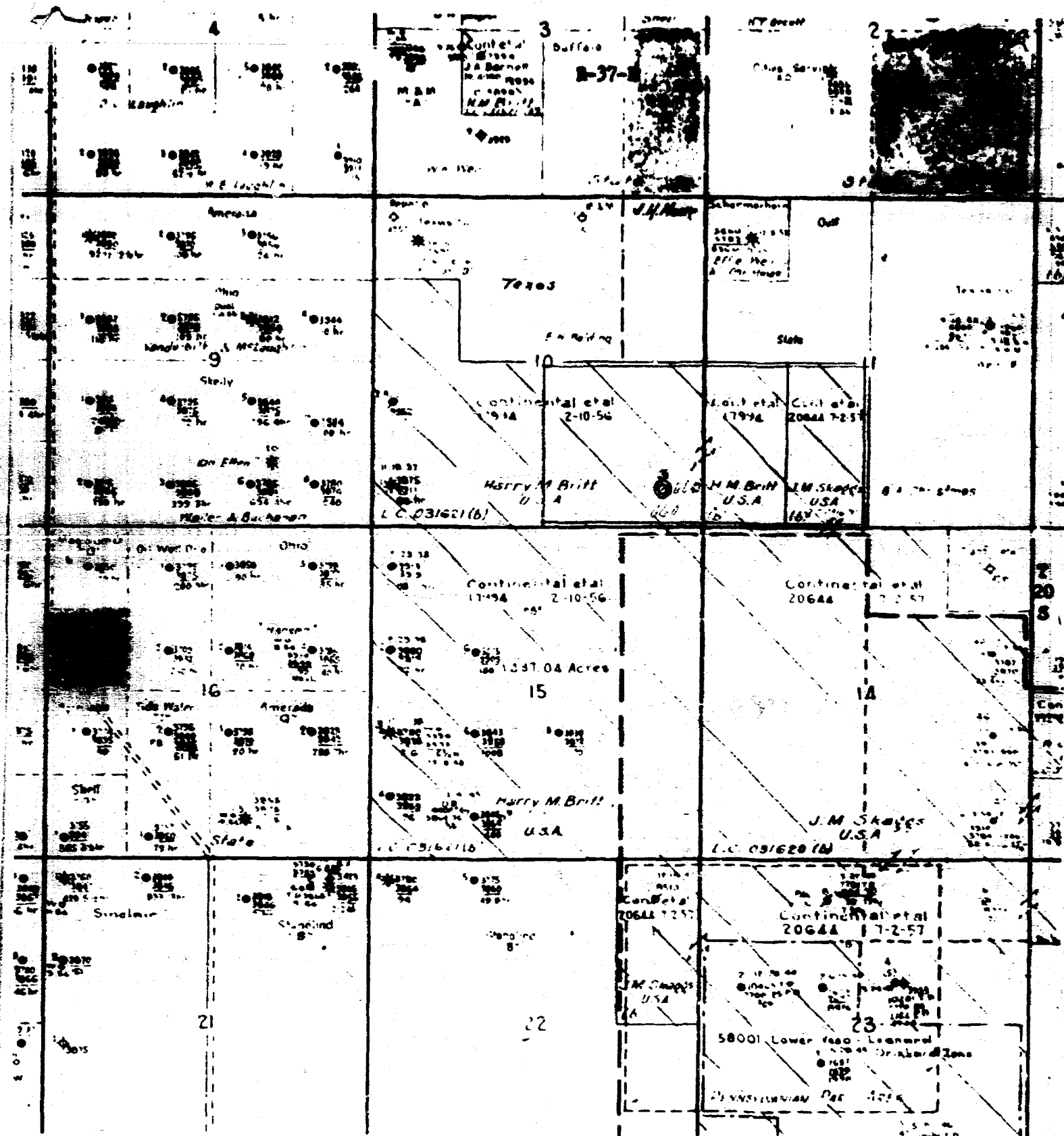
4. That the most practical and economical method of allocating said acreage for Eumont Pool gas production is to establish a 320-acre non-standard gas proration unit for assignment to the Britt B-10 well No. 3 as proposed herein.
5. That approval has been received from the U. S. G. S. to form the proposed unit pending the execution of a formal communitization agreement.

Wherefore, applicant prays that this application be set for hearing before the Commission's duly appointed examiner, in Hobbs, New Mexico, that appropriate notice thereof be given, and that upon hearing an order be entered granting applicant an exception to rule 5 (a) of the special rules and regulations for the Eumont gas pool contained in order No. R-520 for the non-standard gas proration unit described above.

Respectfully submitted,

CONTINENTAL OIL COMPANY


Homer Dailey
Alternate for
Division Superintendent
of Production
New Mexico Division



scale: 1" = 2,000'

LEGEND

Proposed Gas Well ○
 Proposed Gas Unit —

OIL CONSERVATION COMMISSION

P. O. BOX 571

SANTA FE, NEW MEXICO

November 12, 1956

**Mr. Jacob Nellakin
P. O. Box 597
Santa Fe, New Mexico**

Dear Sir:

**On behalf of your client, Continental Oil Company, we
enclose two copies each of Orders R-908 and R-910 issued November
7, 1956, by the Oil Conservation Commission in Cases 1153 and 1154,
which were heard on September 26, 1956, in Hobbs, New Mexico.**

Very truly yours,

**A. L. Porter, Jr.
Secretary-Director**

**jh
encs.**

C
O
P
Y

OK
to approve
w/ 10/8/56

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Date 10/5/56

CASE 1153

Hearing Date 9/26/56

My recommendations for an order in the above numbered cases are as follows:

Enter an order approving Con'tl application
for 320-acre NSP in Eumont. My
reasons for this recommendation:

1. Well presently has 160 acres assigned
and has a calculated open flow
potential of 4.25 million per day.
(2.86 million against 600# + 4.15 million
against 150#)
2. The entire 320 may be presumed to
be productive of gas.
3. There are no other wells anywhere on
the 320-acre unit which could
be dually completed or plugged back.

note to legal

any increase in allowable should be contingent
upon Affidavit of Communitization of R.I.

Sam Butler
Staff Member

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
HOBBS, NEW MEXICO

CASE NO. 1153

TRANSCRIPT o f PROCEEDINGS

SEPTEMBER 26, 1956

DEARNLEY-MEIER AND ASSOCIATES

COURT REPORTERS

605 SIMMS BUILDING

TELEPHONE 3-6691

ALBUQUERQUE, NEW MEXICO

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
HOBBS, NEW MEXICO
SEPTEMBER 26, 1956

IN THE MATTER OF:

CASE NO: 1153: Application of Continental Oil Company
for an order establishing a 320-acre
non-standard gas proration unit in the Eumont Gas Pool
in exception to Rule 5 (a) of the Special Rules and
Regulations for said pool as set forth in Order R-520.
Applicant, in the above-styled cause, seeks an order
establishing a 320-acre non-standard gas proration
unit in the Eumont Gas Pool comprising the SE/4 of
Section 10 and the SW/4 of Section 11, Township 20,
South, Range 37 East, Lea County, New Mexico. Said
unit to be dedicated to Applicant's Britt "B-10" Well
No. 3 located 660 feet from the South and East lines
of said Section 10.

BEFORE:

Daniel S. Nutter, Examiner.

TRANSCRIPT o f PROCEEDINGS

MR. NUTTER: The hearing will come to order. The next
case on the Docket is 1153.

MR. COOLEY: Application of Continental Oil Company for
an order establishing a 320-acre non-standard gas proration unit
in the Eumont Gas Pool in exception to Rule 5(a) of the Special
Rules and Regulations for said pool as set forth in Order R-520.

MR. KELLAHIN: Jason Kellahin, representing Continental
Oil Company. I would like to call Mr. Boynton as a witness.

(Witness sworn.)

E. V. BOYNTON

a witness, called on behalf of the Applicant, having been first duly sworn on oath, testified as follows:

DIRECT EXAMINATION

BY MR. KELLAHIN:

Q State your name, please. A E. V. Boynton.

Q By whom are you employed?

A Continental Oil Company.

Q In what position? A District Engineer.

Q Have you testified before the Oil Conservation Commission in the past and had your qualifications accepted?

A I have.

MR. KELLAHIN: Are they accepted?

MR. NUTTER: They are.

Q Mr. Boynton, are you familiar with the application in Case 1153? A Yes, I am.

Q What is proposed under that case?

A It is proposed to enlarge the present gas proration unit which includes the Southeast Quarter of Section 10, Township 20 South, Range 37 East, to include the Southwest Quarter of Section 11, Township 20 South, Range 37 East.

Q What well would that acreage then be dedicated to?

A The acreage would be dedicated to the Britt "B-10" No. 3 Gas Well.

Q Where is the Britt "B-10" located?

DEARNLEY-MEIER & ASSOCIATES
INCORPORATED
GENERAL LAW REPORTERS
ALBUQUERQUE - SANTA FE
3-6691 2-1869

A 660 from the South and East lines of Section 10, Township 20 South, Range 37 East.

Q Referring to what is marked for identification as No. 1, Mr. Boynton, what does that show?

A Exhibit No. 1 is an ownership plat on which have been drawn contours on top of the Yates Formation; it shows the present proration unit, and the proposed proration unit outlined in red. It also shows the offset proration units and offset gas wells circled in yellow.

MR. NUTTER: Do you have some extra copies of those exhibits?

A Excuse me. Yes, I do.

Q Now, referring to the contours shown on that Exhibit, Mr. Boynton, what does that reflect as to the location of the well?

A The contours show that the Britt "B-10" No. 3 Well is located in the Southeast Quarter of Section 10, and that the western and eastern extremity of the proposed gas unit are higher structurally than the well location.

Q Was there any acreage in Section 10 that could be attributed to that well not now dedicated to a unit?

A No.

Q Referring to what has been marked for identification as Exhibit No. 2, what is that?

A Exhibit No. 2 is a radioactive log of the Britt "B-10" No. 3, upon which have been drawn the perforation tops and the

interval open to production as shown in blue.

Q Where is the well completed?

A In the Lower Queen, or Penrose Formation.

Q Now, referring to what has been marked as Exhibit No. 3, Mr. Boynton, what is that?

A Exhibit No. 3 is a calculated open flow potential of the gas well taken on June 2nd, 1956; it shows it to be 4,250,000 cubic feet per day with a deliverability at 600 pounds of 2,860,000 cubic feet per day; this is also a graphic illustration of the open flow potential and the deliverability of the well. This illustrates that the well will produce for the proposed 320-acre proration unit.

Q Would it make the allowable of a 320-acre unit at the present rates?

A Yes, sir, it will.

Q Now, in your opinion, Mr. Boynton, will the Britt "B-10" Well No. 3 effectively drain the acreage proposed to be dedicated to it?

A It will, yes.

Q May all that acreage be reasonably presumed to be productive of gas?

A Yes. That was illustrated on Exhibit No. 1 from the structural position of the well.

Q Is it lower than the remaining portion of the lease?

A It is.

MR. KELLAHIN: That is all the questions I have.

MR. NUTTER: What does the cross-hatched area on Exhibit

1 indicate?

A That indicates acreage operated by Continental Oil Company.

MR. NUTTER: Does anyone have any questions of the witness?

MR. KELLAHIN: I would like to offer in evidence Exhibits 1 through 3, inclusive.

MR. NUTTER: Without objection they will be received.

Does anyone have anything further in this case, any statements?

If not, the witness may be excused and we will take the case under advisement.

MR. KELLAHIN: May I add something to this? Mr. Boynton, is the acreage proposed to be dedicated to this well included in one basic lease, or --

A No, the Southwest Quarter of Section 11 is divided into 240-acre tracts, being the H. M. Britt on the west, and the J. M. Skaggs on the east.

Q (By Mr. Kellahin) Has the United States Geological Survey given approval to the pooling of those leases for the purpose of forming a unit?

A Yes.

Q Referring to Exhibit No. 4, what is that?

A A letter from John A. Anderson, Regional Oil and Gas Supervisor, stating until the communitization procedures are consummated, they have no objection to our forming a 320 acre gas production unit consisting of the Britt and Skaggs leases.

Q Where is the original of that letter?

A In our files in Roswell, New Mexico.

MR. KELLAHIN: I would like to offer in evidence Exhibit No. 4.

MR. NUTTER: Without objection it will be received. Any extension of the acreage in this proration unit will be contingent upon receipt of the communitization affidavit.

If there is nothing further in this case, we will take it under advisement.

-0- -0- -0- -0- -0-

STATE OF NEW MEXICO)
: ss
COUNTY OF BERNALILLO)

I, THURMAN J. MOODY, 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 by me, and that the same is a true and correct transcript to the best of my knowledge, skill and ability.

WITNESS my Hand and Seal, this, the 8th day of October, 1956, in the City of Albuquerque, County of Bernalillo, State of New Mexico.


Notary Public.

My Commission Expires:
April 3, 1960.

DOCKET: EXAMINER HEARING SEPTEMBER 26, 1956

New Mexico Oil Conservation Commission 9:00 a.m., Hobbs, New Mexico

Oil Conservation Commission Office, 1000 W. Broadway, Hobbs, New Mexico

The following cases will be heard before Daniel S. Nutter, Examiner:

CASE 1150: Application of Amerada Petroleum Corporation for an order granting permission to make up underproduction on its M. J. Raley "A" No. 1 Oil Well resulting from pipeline proration in exception to Rule 503 (f) of the New Mexico Oil Conservation Commission Rules and Regulations. Applicant, in the above-styled cause, seeks permission to make up approximately 3,990 barrels of under-produced oil which accrued to its M. J. Raley "A" No. 1 Well located 660 feet from the North and East lines of Section 18, Township 20 South, Range 38 East, North Warren McKee Pool, Lea County, New Mexico, which resulted from the Cities Service pipeline proration during the months of April and May of 1956.

CASE 1151: Application of The Texas Company for an order establishing a 114.41-acre non-standard gas proration unit in the Jalmat Gas Pool in exception to Rule 5 (a) of the Special Rules and Regulations for said pool as set forth in Order R-520. Applicant, in the above-styled cause, seeks an order establishing a 114.41-acre non-standard gas proration unit in the Jalmat Gas Pool consisting of the following acreage:

Township 24 South, Range 37 East
Section 31: Lots 3 & 4 (W/2 SW/4)

Township 25 South, Range 37 East
Section 6: Lot 4 (NW/4 NW/4)

Said unit to be dedicated to applicant's C. C. Fristoe "B" (NCT-4) No. 2 Well located 660 feet from the South and West lines of Section 31, Township 24 South, Range 37 East, Lea County, New Mexico.

CASE 1152: Application of Continental Oil Company for an order authorizing a gas-gas dual completion in the Tubb and Blinbry formations of undesignated gas pools in the SE/4 of Section 28, Township 20 South, Range 38 East, Lea County, New Mexico, in exception to Rule 112-A of the New Mexico Oil Conservation Commission Rules and Regulations, and further, authorizing the commingling of the liquids produced from the two zones in exception to Rule 303 of the New

Mexico Oil Conservation Commission Rules and Regulations. Applicant, in the above-styled cause proposes to dually complete in the Tubb and Blinberry formations its Warren Unit Well No. 8 located 1980 feet from the South and East lines of Section 28, Township 20 South, Range 38 East, Lea County, New Mexico, by means of parallel strings of tubing and to store the liquids produced therefrom in common tankage.

CASE 1153:

Application of Continental Oil Company for an order establishing a 320-acre non-standard gas proration unit in the Eumont Gas Pool in exception to Rule 5 (a) of the Special Rules and Regulations for said pool as set forth in Order R-520. Applicant, in the above-styled cause, seeks an order establishing a 320-acre non-standard gas proration unit in the Eumont Gas Pool comprising the SE/4 of Section 10 and the SW/4 of Section 11, Township 20 South, Range 37 East, Lea County, New Mexico. Said unit to be dedicated to applicant's Britt "B-10" Well No. 3 located 660 feet from the South and East lines of said Section 10.

CASE 1154:

Application of Continental Oil Company for an order establishing a 480-acre non-standard gas proration unit in the Eumont Gas Pool in exception to Rule 5 (a) of the Special Rules and Regulations for said pool as set forth in Order R-520. Applicant, in the above-styled cause, seeks an order establishing a 480-acre non-standard gas proration unit in the Eumont Gas Pool comprising the W/2 Section 14 and E/2 E/2 Section 15, Township 20 South, Range 37 East, Lea County, New Mexico. Said unit to be dedicated to applicant's Skaggs "B-14" Well No. 1 located 1980 feet from the South line and 660 feet from the West line of said Section 14.

CASE 1155:

Application of Continental Oil Company for an order establishing a 240-acre non-standard gas proration unit in the Jalmat Gas Pool in exception to Rule 5 (a) of the Special Rules and Regulations for said pool as set forth in Order R-520. Applicant, in the above-styled cause, seeks an order establishing a 240-acre non-standard gas proration unit in the Jalmat Gas Pool comprising the SE/4 and E/2 SW/4 of Section 31, Township 21 South, Range 36 East, Lea County, New Mexico. Said unit to be dedicated to applicant's Lockhart "B-31" Well No. 4 located 330 feet from the South line and 660 feet from the East line of said Section 31.

CASE 1156:

Application of Continental Oil Company for a 240-acre non-standard gas proration unit in the Eumont Gas Pool in exception to Rule 5 (a) of the Special Rules and Regulations for said pool, and for the forced pooling of all interests therein within the vertical limits of the Eumont Gas Pool in compliance with Section 65-3-14 (c) NMSA (1953). Applicant, in the above-styled cause, seeks an order establishing a

240-acre non-standard gas proration unit in the Eumont Gas Pool comprising the NE/4 and the E/2 NW/4 of Section 28, Township 20 South, Range 37 East, Lea County, New Mexico. Said unit to be dedicated to applicant's Meyer B-28 "A" Well No. 1 located 1980 feet from the North and East lines of said Section 28; and further for the forced pooling of all interests therein within the vertical limits of the Eumont Gas Pool.

CASE 1157:

Application of Continental Oil Company for a 360-acre non-standard gas proration unit in the Eumont Gas Pool in exception to Rule 5 (a) of the Special Rules and Regulations for said pool, and for the forced pooling of all interests therein within the vertical limits of the Eumont Gas Pool in compliance with Section 65-3-14 (c) NMSA (1953). Applicant, in the above-styled cause, seeks an order establishing a 360-acre non-standard gas proration unit in the Eumont Gas Pool comprising the SE/4 and E/2 SW/4 of Section 28, and N/2 NE/4 and NE/4 NW/4 of Section 33, Township 20 South, Range 37 East, Lea County, New Mexico. Said unit to be dedicated to applicant's Meyer B-28 "A" Well No. 2 located 660 feet from the South line and 1980 feet from the East line of said Section 28; and further for the forced pooling of all interests therein within the vertical limits of the Eumont Gas Pool.

CONTINUED CASE

CASE 1137:

Application of Humble Oil and Refining Company for permission to convert its State "A" Well No. 2 into a salt water disposal well in the San Andres formation of the Hobbs Pool in accordance with New Mexico Oil Conservation Commission Statewide Rule 701. Applicant, in the above-styled cause, seeks an order granting permission to convert its previously abandoned State "A" Well No. 2 into a salt water disposal well; said well is located 330 feet from the South and East lines of Section 25, Township 18 South, Range 37 East, Lea County, New Mexico. Applicant proposes to inject salt water below the oil-water contact of the San Andres formation in the Hobbs Pool.

MAIN OFFICE OCC



1956 AUG 29 PM 1:10

CONTINENTAL OIL COMPANY

Roswell, New Mexico
August 28, 1956

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

We forward herewith applications for non-standard
proration units for the following wells:

Lockhart B-31	No. 4
Britt B-10	No. 3
Skaggs B-14	No. 1

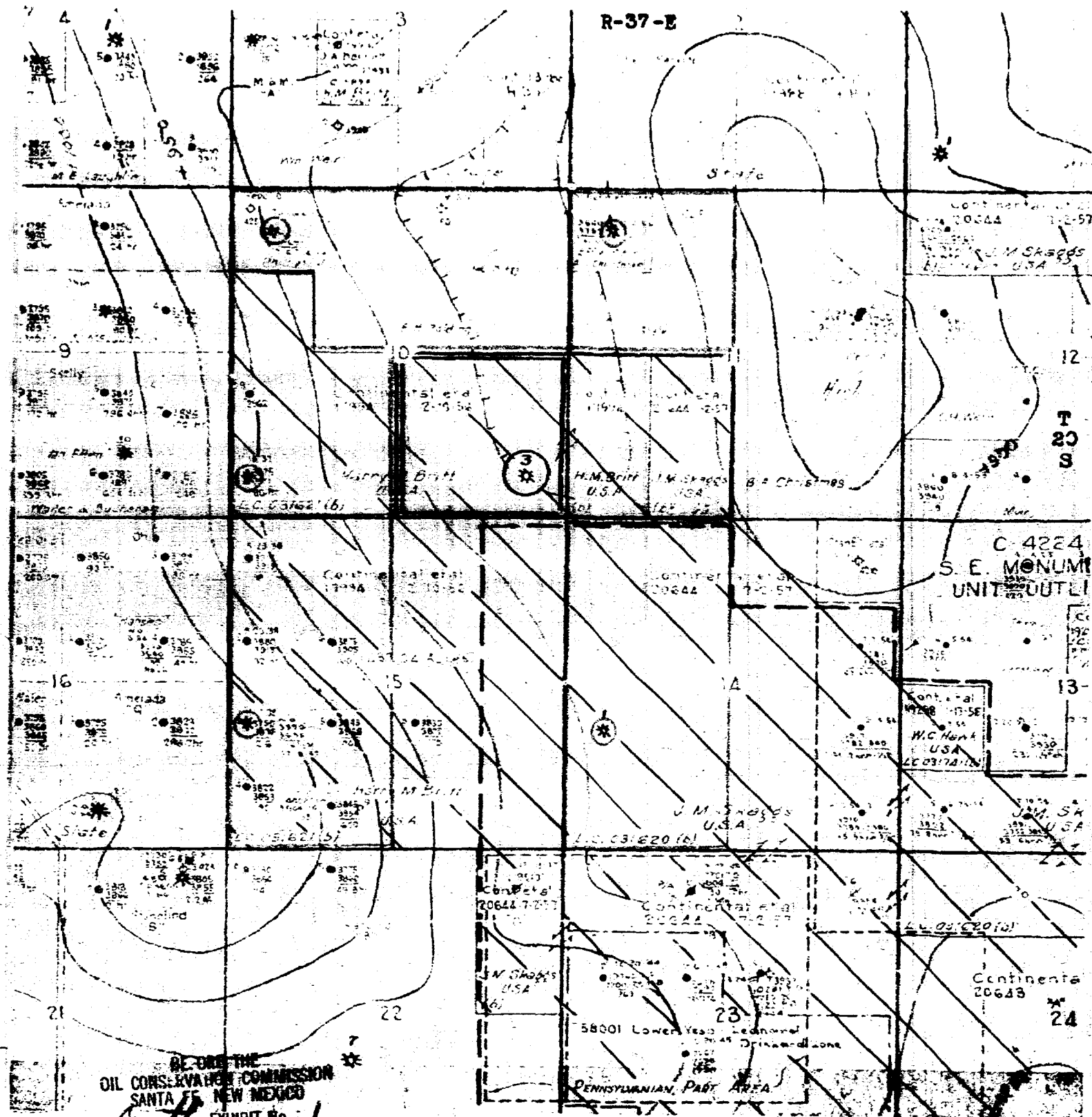
Please place these applications on your docket for
hearing in Hobbs, New Mexico, at the earliest convenient
date.

Yours very truly,

J. A. Moore
HOMER DAILEY
Alternate for the
Division Superintendent

HD-BC

cc: HLJ, NAR, WEA



BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
EXHIBIT No. 1
CASE 1153

CONTINENTAL OIL COMPANY

scale: 1"=2000' 25' contours on top of Yates

- Subject Gas Well
 — Offset Gas Well
 — Acreage Proposed for Gas Well
 — Acreage Now Assigned to Gas Well
 — Acreage Assigned to Offset Gas Well

July, 1956

CASE: 1153
EXHIBIT: 1

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
Curt H EXHIBIT No. 3
CASE 1153

CONTINENTAL OIL COMPANY

Hobbs, New Mexico
June 13, 1956

TO: Mr. E. V. Boynton - Hobbs, New Mexico

SUBJECT: GAS WELL BACK PRESSURE TEST WELL Britt No. 3
POOL Emont

LOCATION 660' from South and East lines of 10-20-37

An 8 hour back pressure test was conducted on subject well
on June 2, 1956 to determine the theoretical open flow
capacity of the Queen gas zone at zero bottom hole pressure and
the deliverability characteristics at various rates of flow. Well is
producing from Perforations at 3624-3790'.

A calculated open flow potential of 4,250 MCF of gas per day
was obtained.

Attached are curves representing the calculated open flow
potential and deliverability and a chart tabulating the data obtained
by this test.

Calculated open flow potential: 4,250 MCFGPD
Deliverability at 600 lbs. psi: 2,860 MCFGPD
Deliverability at 150 lbs. psi: 4,150 MCFGPD
Shut in pressure: 1,062.2 lbs. psia

J. H. Fowler

Gas Tester

CC:

Case 1153
Exhibit No 3

CONTINENTAL OIL COMPANY
HOBBBS DISTRICT
GAS WELL DATA

VOLUME (CALCULATED MCFD)		DATE	WORKING WELLHEAD PRESSURE (PSIA)	$W.H.P^2$	$P_c^2 - P_w^2$
			$P_c - 1062.2$	$P_c^2 1128 \text{ H}$	
Q_1	793	18/64	$P_{w1} - 964.2$	$P_{w1}^2 930 \text{ H}$	198 H
Q_2	1229	21/64	$P_{w2} - 885.2$	$P_{w2}^2 784 \text{ H}$	344 H
Q_3	1512	24/64	$P_{w3} - 885.2$	$P_{w3}^2 681 \text{ H}$	447 H
Q_4	2041	28/64	$P_{w4} - 780.2$	$P_{w4}^2 609 \text{ H}$	519 H

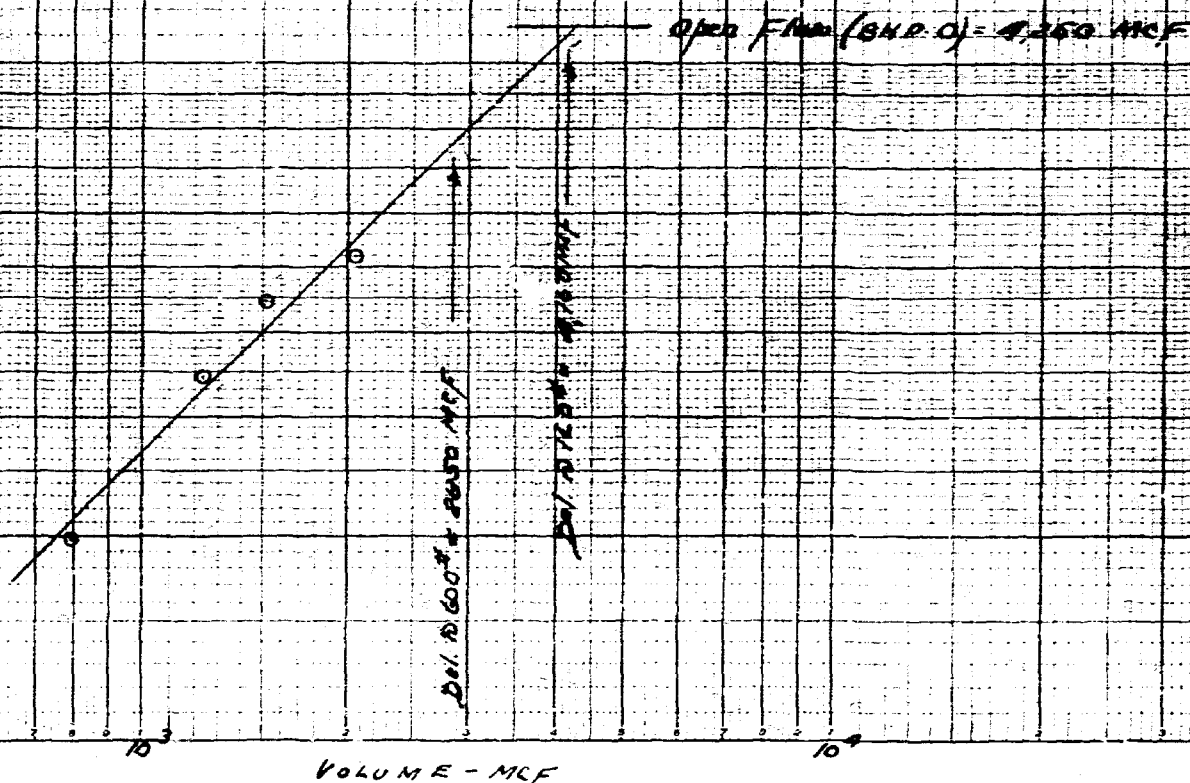
Volumes were corrected for specific gravity, flowing temperature, atmospheric pressure and supercompressibility when applicable.

Specific gravity .650 (Est.)
 GPH Content NA
 CO₂ Content NA
 H₂S Content NA
 Water Production 0
 Distillate Production None
 Distillate Gravity -



CALCULATED OIL FLOW POTENTIAL
AND DELIVERABILITY CURVE.

Confidential - Pitt D-10 No. 3.
6/2/56





IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. Box 6721
Roswell, New Mexico

June 29, 1956

Continental Oil Company
Petroleum Building
Roswell, New Mexico

Gentlemen:

During a discussion on June 28, 1956, concerning plans for development of gas production on Federal lands within the New Mexico Federal Unit, Mr. J. A. Moore of your company requested that we express our views regarding the formation of certain non-standard gas spacing and proration units as follows:

In the SE $\frac{1}{4}$ sec. 30, T. 21 S., R. 36 E., N.M.P.M., Summit Gas Pool, Leases Las Cruces 032099 (a) and (b), well No. Lockhart A-30 No. 3, NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 30, now has an allocation based on a proration unit of 80 acres. This office has no objection to the formation of a 160-acre gas proration unit to be followed by a communitization agreement filed for approval by the Survey.

In the E $\frac{1}{2}$ sec. 29, T. 24 S., R. 37 E., N.M.P.M., Jalmat Gas Pool, Leases Las Cruces 032326 (a) and (b), well Jack A-29 No. 3, SE $\frac{1}{4}$ E $\frac{1}{2}$ sec. 29, is presently assigned an allotment based on a proration unit of 280 acres. We have no objection to the formation of a 320-acre proration unit with subsequent communitization.

In the SE $\frac{1}{4}$ sec. 10 and SE $\frac{1}{4}$ sec. 11, T. 20 S., R. 37 E., N.M.P.M., Summit Gas Pool, Leases Las Cruces 031620 (b) and 031681 (b), well Britt B-10 No. 3, SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 10, was recently completed and will be assigned an allotment based upon 240 acres covered by Las Cruces 031621 (b) and comprising the SE $\frac{1}{4}$ sec. 10 and the E $\frac{1}{2}$ SE $\frac{1}{4}$ section 11. We offer no objection to the inclusion of the intervening 80 acres in the W $\frac{1}{2}$ SE $\frac{1}{4}$ sec. 11, covered by Las Cruces 031620 (b), to form a proration unit of 320 acres, followed by later communitization of the tract.

Yours very truly,


JOHN A. ANDERSON
Regional Oil and Gas Supervisor

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New Mexico Division

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