

HEAD OFFICE OCC



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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. I. 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.

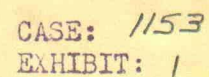
Yours very truly,

A handwritten signature in cursive script, appearing to read "H. A. Moore".

HOMER DAILEY
Alternate for the
Division Superintendent

HD-BC

cc: ALJ, NAR, WEA



BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
EXHIBIT No. 3
CASE 1152

CONFIDENTIAL OIL COMPANY

Hobbs, New Mexico
June 13, 1956

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

SUBJECT: GAS WELL BACK PRESSURE TEST WELL Britt B-10 No. 3
POOL Eumont
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



Gas Tester

CC:

CASE 1152
Eumont

CONTINENTAL OIL COMPANY
HOBBS DISTRICT
GAS WELL DATA

VOLUME (CALCULATED NCFD)		WORKING WELLHEAD PRESSURE (PSIA)		$\frac{11.4 \cdot P^2}{P_c^2}$		$\frac{P_c^2}{P_w^2} - \frac{P_w^2}{P_c^2}$	
CHOKE							
Q ₁	793	18/64	P _c - 1062.2	P _{w1} - 964.2	P _c ² 1128 M	P _{w1} ² 930 M	198 M
Q ₂	1229	21/64	P _{w2} - 885.2	P _{w2} ² 784 M			344 M
Q ₃	1512	24/64	P _{w3} - 885.2	P _{w3} ² 681 M			447 M
Q ₄	2041	28/64	P _{w4} - 780.2	P _{w4} ² 609 M			519 M

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

Specific gravity .850 (Est.)

GRI Content NA

CO₂ Content NA

H₂S Content NA

Water Production 0

Distillate Production None

Distillate Gravity -



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 SW $\frac{1}{4}$ sec. 30, T. 21 S., R. 36 E., N.M.P.M., Eumont Gas Pool, leases Las Cruces 032099 (a) and (b), well No. Lockhart A-30 No. 5, NE $\frac{1}{4}$ SW $\frac{1}{4}$ 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 $\frac{1}{4}$ NE $\frac{1}{4}$ 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 SW $\frac{1}{4}$ sec. 11, T. 20 S., R. 37 E., N.M.P.M., Eumont 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 $\frac{1}{2}$ SW $\frac{1}{4}$ section 11. We offer no objection to the inclusion of the intervening 80 acres in the W $\frac{1}{2}$ SW $\frac{1}{4}$ 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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DLN LBH LP *Ra*

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
1153 EXHIBIT No. 61
CASE 1153

MAIN OFFICE OCC

BEFORE THE OIL CONSERVATION COMMISSION
OF THE
STATE OF NEW MEXICO

1956 AUG 22 PM 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 EUMONT 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.

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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. NSP-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.

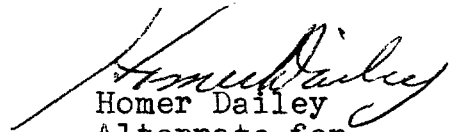
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&
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on 9/11/56

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

Proposed Gas Well ○
Proposed Gas Unit —

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

November 12, 1956

C
O
P
Y

Mr. Jason Kellahin
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

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