

Case No.

967

Application, Transcript,
Small Exhibits, Etc.

BEFORE THE
Oil Conservation Commission

~~XXXXXXXXXXXX~~
Hobbs, New Mexico
October 17, 1955

Examiner Hearing

IN THE MATTER OF:

CASE NO. 967

TRANSCRIPT OF PROCEEDINGS

ADA DEARNLEY AND ASSOCIATES

COURT REPORTERS
605 SIMMS BUILDING
TELEPHONE 3-6691
ALBUQUERQUE, NEW MEXICO

BEFORE THE
OIL CONSERVATION COMMISSION
Hobbs, New Mexico
October 17, 1955

IN THE MATTER OF:

Application of Continental Oil Company
for approval of a 320 acre non-standard
gas proration unit in the Eumont Gas Pool
to consist of W/2 W/2 Section 26 and E/2
E/2 Section 27, Township 20 South, Range
37 East, Lea County, New Mexico, and to
be dedicated to applicant's Sophia Meyer
B-26 Well No. 1 located 2363' FSL and 0'
FWL of Section 26.

Case No. 967

BEFORE:

Warren W. Mankin, Examiner

TRANSCRIPT OF HEARING

HEARING EXAMINER MANKIN: We will now hear Case 967.

MR. KELLAHIN: If the Commission please, J. C. Kellahin,
appearing for Continental Oil Company in its application for a 320
acre non-standard unit in the Eumont Gas Pool. Our witness will
be Mr. E. V. Boynton.

E. V. BOYNTON,

called as a witness, having been first duly sworn, testified as
follows:

DIRECT EXAMINATION

By MR. KELLAHIN:

Q Will you state your name, please?

A E. V. Boynton.

Q By whom are you employed, Mr. Boynton?

A Continental Oil Company.

Q In what position?

A Petroleum Engineer.

Q Have you testified before the New Mexico Oil Conservation Commission as a petroleum engineer and had your qualifications accepted as an expert witness?

A Yes, sir, I have.

MR. KELLAHIN: Are the witness' qualifications acceptable?

HEARING EXAMINER MANKIN: They are acceptable.

Q Mr. Boynton, are you familiar with Continental's application in Case 967?

A Yes, sir.

Q Would you state what that covers?

A This covers an application by Continental Oil Company to the Commission for a 320 acre non-standard proration unit consisting of the west half of the west half of Section 26, Township 20 South, Range 37 East, and the east half of the east half of Section 27, the same township, same range.

Q Have you prepared a plat showing the area involved in this application, Mr. Boynton?

A We have.

(Marked Continental Oil Company Exhibits Nos. 1 through 6, for identification.)

Q Referring to Exhibit Number 1, will you state what that shows?

A This is a plat showing the footage location of the well with respect to the section lines, and our Meyer "B" Lease, which is outlined in red. I believe you have a copy of that one.

HEARING EXAMINER MANKIN: You made that Exhibit 1?

A Exhibit 1, yes.

Q Now, you say the Meyer "B" Lease is outlined in red. Is all of the proposed unit located within the outer boundaries of that lease, Mr. Boynton.

A Yes, it is.

Q I noticed it would leave some of the "B" Lease within Section 26 out of the proposed unit. What do you propose to do with that?

A We have a Meyer A-26 Well, which was originally completed. We propose to communitize the remaining B Meyer 26 acres with the Meyer A-26 and assign that entire unit to the Meyer A-26 No. 1 Well.

Q Would you state what the location of the well is, Mr. Boynton?

A The well is located 2363 feet from the south line, and zero feet from the west line of Section 26, Township 20 South, Range 37 East.

Q Has that location been approved by the Oil Conservation Commission?

A It has.

MR. KELLAHIN: If the Commission please, I would like to call your attention to Case No. 627, Order No. R-412, whereby the location of the well involved in this unit was approved by the Commission.

Q Now, referring to Exhibit Number 2, Mr. Boynton, will you state what that shows?

A This is an ownership map, a plat. Among other things it has the structure drawn on top of the Yates Formation, and it also has the present proration unit assigned to the Meyer B-26 No. 1 Well.

4

Q How is that unit shown, Mr. Boynton?

A It is shown by a solid red line.

Q Yes, sir.

A It also has the proposed unit as shown by a dotted line, red line. In addition, it has the offset wells producing from the same pool as the Meyer B-26 No. 1 is. These wells are circled in green and the unit assigned to the wells are outlined in green, solid green.

Q Are each of these wells circled in green producing from the vertical limits of the Jalmat Formation?

A Yes, sir, they are, to the best of my knowledge.

Q I mean, Eumont Pool. A Yes, sir.

Q Now, are Continental's properties within these areas shown on Exhibit Number 2?

A Yes, sir, they are.

Q How are they marked?

A They are cross-hatched.

Q All of the cross-hatched acreage on Exhibit Number 2 is Continental acreage?

A Continental acreage, yes, sir.

Q Now, referring to the wells circled in green, Mr. Boynton, would you point out the areas of production in relation to the proposed unit? What I mean, is there production from the Eumont Pool to the south of the proposed unit?

A This Meyer B-26 No. 1 Well is almost entirely surrounded by nearby wells to the northwest, the nearest well is some, more or less, one mile distant.

Q Referring to the well northwest of the Meyer B-26 No. 1,

would you state how that well is located in relation to the structure, as compared to the well within the unit?

A I believe this well is a little bit higher than our well, structurally. However, I believe that our entire acreage, the unit that we are proposing can reasonably be assumed to be productive of gas. As a matter of fact, we have proposed a well in the northeast quarter of the northwest quarter of the Section 27 for the development of that quarter section.

Q Now, I notice there is a heavy dashed line appearing on Exhibit No. 2, what does that show?

A That is the outline of the Sophia Meyer Unit.

Q Does all of the proposed unit lie within the boundaries of the Sophia Meyer Unit?

A It does, yes.

Q Referring to Exhibit Number 3, Mr. Boynton, would you state what that is?

A This is a reproduction of the radio-active log on the well, showing the tops of the formations, various formations. It also shows the producing interval of the well. When the well was completed it was drilled down into the Grayburg Formation, but during August of 1955 we plugged the well back to a depth of 3670 feet so that now the well is open from 2815 feet, which includes a portion of the Yates Formation down to the Seven Rivers, the Queen and the Penrose, which is a portion of the Queen Formation.

Q Would you state what zones are opened in the well at the present time?

A Yates, Seven Rivers and Queen.

Q Are all the areas, all the zones open within this well within

the vertical limits of the Eumont Gas Pool as presently defined?

A Yes, sir, they are, yes, sir, they are.

Q Now, when was the well completed, Mr. Boynton?

A This well was initially completed February the 21, 1929 at a total depth of 3,840 feet -- 3,915, pardon me.

Q Would you tell the Examiner how the well was cased?

A It had eight and 5/8 inch casing set at 2,815 feet and produced from the open hole of 2815 to 3915 until it was plugged back.

Q Now, have you made a test on this well, Mr. Boynton?

A We have, yes, sir.

Q Referring to Exhibit Number 4, would you state what that is?

A That is a calculated openflow potential test taken on the well August 22, 1955, after we plugged it out of the Grayburg Formation. It shows the well to be capable of producing 5,500 MCF per day at zero bottom hole pressure and have a deliverability of 3870 MCF per day at 600 pounds.

Q What would the deliverability be at 150 pounds?

A At 150 pounds the well would produce 5400 MCF per day.

Q Where was the shut-in pressure on that well?

A One thousand eighty-eight and two tenths pounds.

Q Does the well produce any liquids?

A No, sir, it does not.

Q Do the sheets attached to the Exhibit Number 4 show the method of calculating the deliverability and openflow potential?

A Yes, we have both the data calculated from the actual well data and also a graphical solution for deliverability and potential.

Q Based on the tests which were made on this well, is it, in your opinion, capable of producing an allowable for a 320-acre unit, if such unit is assigned to the well?

A Yes, sir, it is.

Q Now, referring back to Exhibit Number 2, Mr. Boynton, you referred to the present unit, would you state what that acreage is covered by?

A The present non-standard proration unit consists of the southwest quarter of Section 26, Township 20 South, Range 37 East.

Q Is there another unit involved within the proposed area at the present time?

A In the proposed area, yes, there is. The Mapenza Company has assigned to their Phillips Hopper Number 1, the southeast quarter of Section 27, which includes 80 acres of the proposed location.

MR. KELLAHIN: If the Commission Examiner please, at this time I ask that the Examiner take notice of the Commission's records, whereby Mapenza Oil Company, by letter dated October 13, 1955 requested that the unit just mentioned by Mr. Boynton be dissolved, and by a formal application applies for approval of a non-standard gas proration unit consisting of the west half of the east half of Section 27, Township 20 South, Range 37 East. And by administrative action of the Commission, an application likewise is dated October 13, 1955; for the convenience of the Examiner, the two letters and the application are attached to our exhibit, marked as Exhibits 5 and 6, and we ask that the Commission take notice of its own records as to the correctness and validity of those two exhibits. If the Commission please, at this time we would like to

offer in evidence, Exhibits 1 through 6, inclusive, in Case 967.

HEARING EXAMINER MANKIN: Is there any objection to the entering of these exhibits 1 through 6 in evidence? If not, they will be so entered.

Q Mr. Boynton, I am not sure, I think you answered the question already, but for the record, in your opinion, based on your study of that area, a well located as the well is located in this unit, and developed on the acreage assigned thereto --

A Yes, sir, I believe --

Q Is it your opinion that all of the acreage which we seek to have assigned may be reasonably be presumed to be productive of gas?

A It is, yes, sir.

Q Do you have anything to add to your testimony, Mr. Boynton?

A No, sir, I don't.

By HEARING EXAMINER MANKIN: Mr. Boynton, this well was previously approved for an unorthodox location, being on the section line, and at that time was entered for a unit number. I presume you still want to keep that same unit designation, which I believe is TL position, or TL Unit in Section 26?

A That is correct, we placed the well in the unit in Section 26 at the time the location was approved.

Q And you still want that?

A That will be satisfactory.

Q Will be satisfactory to continue in that same unit in Section 26, for identification purposes and schedule purposes?

A Yes, sir.

Q That is all right?

A Yes, sir.

HEARING EXAMINER MANKIN: All right. Any questions of the witness? If not, the witness may be excused.

(Witness excused.)

HEARING EXAMINER MANKIN: Have you any others?

MR. KELLAHIN: No other witnesses, that is all in Case 967.

HEARING EXAMINER MANKIN: Anyone have a statement to make in Case 967? If not we will take the case under advisement.

STATE OF NEW MEXICO)
: SS
COUNTY OF BERNALILLO)

I, AMADO TRUJILLO, Court Reporter, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Commission Examiner at Hobbs, New Mexico, is a true and correct record to the best of my knowledge, skill and ability.

DATED at Albuquerque, New Mexico, this 30th day of October, 1955.

Amado Trujillo
Court Reporter

BEFORE THE
Oil Conservation Commission
SANTA FE, NEW MEXICO

IN THE MATTER OF:

CASE NO. _____

TRANSCRIPT OF PROCEEDINGS

ADA DEARNLEY AND ASSOCIATES
COURT REPORTERS
605 SIMMS BUILDING
TELEPHONE 3-6691
ALBUQUERQUE, NEW MEXICO

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. 967
Order No. R-714

THE APPLICATION OF CONTINENTAL
OIL COMPANY FOR AN ORDER GRANTING
APPROVAL OF AN EXCEPTION PURSUANT
TO RULE 5 (a) OF THE SPECIAL RULES AND
REGULATIONS FOR THE EUMONT GAS POOL
OF ORDER NO. R-520 IN ESTABLISHMENT OF
A NON-STANDARD GAS PRORATION UNIT OF
320 CONTIGUOUS ACRES CONSISTING OF W/2
W/2 SECTION 26, E/2 E/2 SECTION 27, TOWN-
SHIP 20 SOUTH, RANGE 37 EAST, NMPM, LEA
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 1:30 o'clock p. m. on October 17, 1955, at Hobbs, New Mexico, before Warren W. Mankin, Examiner, duly appointed by the Oil Conservation Commission of New Mexico, in accordance with Rule 1214 of Order R-681.

NOW, on this 10th day of *November*, 1955, the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission", a quorum being present, having considered said application and the recommendations of the Examiner, Warren W. Mankin, 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 pursuant to provisions of Rule 5 (a) of the Special Rules and Regulations for the Eumont Gas Pool of Order No. R-520, the Commission has power and authority to permit the formation of a gas proration unit consisting of other than a legal section after notice and hearing by the Commission.
- (3) That applicant, Continental Oil Company is the co-owner and operator of a federal oil and gas lease in Lea County, New Mexico, the land consisting of other than a legal section, and described as follows, to-wit:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
W/2 W/2 Section 26
E/2 E/2 Section 27

containing 320 acres, more or less.

(4) That applicant, Continental Oil Company has a producing well on the aforesaid lease known as Sophia Meyer "B-26" No. 1, located 2363 feet from the South line and 0 feet from the West line of Section 26, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, said well being on the Section line.

(5) That the aforesaid well was completed and in production prior to the effective date of Order No. R-520, and is located within the horizontal limits of the pool heretofore delineated and designated as the Eument Gas Pool.

(6) That said well at the present time has assigned to it a 160 acre gas proration unit consisting of the SW/4 of Section 26, Township 20 South, Range 37 East.

(7) That it is impractical to pool applicant's said lease with adjoining acreage in the Eument Gas Pool, and that the owners of adjoining acreage in said area have not objected to the formation of the proposed proration unit of 320 acres.

(8) That unless a proration unit consisting of applicant's aforesaid acreage is permitted, applicant will be deprived of the opportunity to recover its just and equitable share of the natural gas in the Eument Gas Pool.

(9) That creation of a proration unit consisting of the aforesaid acreage will not cause but will prevent waste, and will protect correlative rights.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
W/2 W/2 Section 26
E/2 E/2 Section 27

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

(2) That applicant's well, Sophia Meyer "B-26" No. 1, located on the Section line dividing Sections 26 and 27, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, be and the same is hereby granted an allowable in the proportion that the above described 320 acre unit bears

-3-

Order No. R-714

to the standard or orthodox preration unit for said pool, all until further order of the Commission.

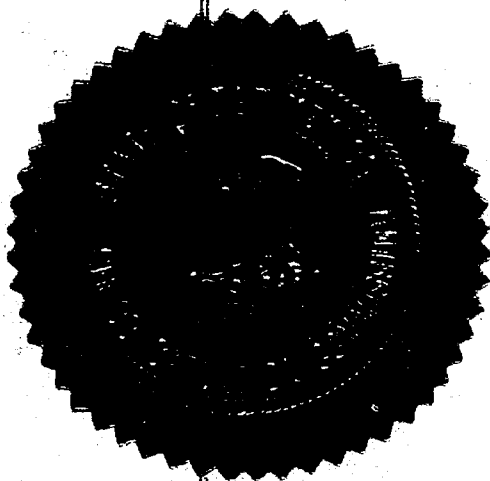
DONE at Santa Fe, New Mexico on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

John F. Simms
JOHN F. SIMMS, Chairman

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

W. B. Macey
W. B. MACEY, Member and Secretary



ts/

Case 967

Hobbs
17th
11:30 P. M.

MAIN OFFICE CCG



SEP 28 AM 8:16

CONTINENTAL OIL COMPANY

FAIR BUILDING

FORT WORTH 2, TEXAS

H. L. JOHNSTON
REGIONAL MANAGER OF PRODUCTION
SOUTHWESTERN REGION

September 28, 1955

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

Attention of Mr. W. B. Macey,
Secretary-Director

Gentlemen:

We are forwarding herewith three applications
in triplicate for exceptions to order no. R-520 and
approval of three non-standard gas proration units.

Confirming the telephone conversation recently
between Mr. Macey and our Mr. Lyon we should appreciate
your setting these applications for hearing in Hobbs on
October 17th, at 1:00 P. M.

Yours very truly,

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

HLJ-MD
Enc

CA 10487

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 POOL CONTAINED IN ORDER
NO. R-520, IN ESTABLISHMENT OF A
NON-STANDARD GAS PRORATION UNIT OF
320 ACRES CONSISTING OF THE W/2 W/2
SECTION 26 AND THE E/2 E/2 SECTION
27, T20S, R37E, NMPM, LEA COUNTY,
N. M. TO BE ALLOCATED TO ITS SOPHIA
MEYER B-26 WELL NO. 1

Comes now Continental Oil Company, hereinafter
called "applicant", and would respectfully show unto the
Commission:

1. That applicant is co-owner and is the operator
of a lease designated the Sophia Meyer "B" lease containing,
among other lands the W/2 W/2 Section 26 and E/2 E/2 Section
27, T20S, R37E, NMPM, Lea County, New Mexico.

2. That applicant drilled and completed on February
21, 1929 a gas well on said lease located 2,363 feet from the
south line and 0 feet from the west line of said Section 26,
which well is now producing from the presently defined vertical
limits of the Eumont Pool.

3. That said well at the present time has assigned
to it a 160-acre gas proration unit consisting of the SW/4 of
said Section 26.

4. That the W/2 NW/4 Section 26 and the E/2 E/2
Section 27 are not now allocated to any gas well and should
be allocated to a producing gas well in the interests of the
prevention of waste and protection of correlative rights. It
is proposed to form a 320-acre unit to consist of the W/2 W/2
of said Section 26 and the E/2 E/2 of said Section 27. The
E/2 SW/4 of said Section 26 will be allocated to the Sophia
Meyer A-26 Well No. 1.

5. That in consideration of the location of the
well and the lands covered by the lease the proposed unit is
the most practical method of allocating the said acreage to
a producing gas well.

Continental Oil Company
Operator
H. C. Johnson

CONTINENTAL OIL COMPANY

Exhibit # 6
Case 967

October 13, 1955

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

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
Conserved EXHIBIT No. 6
CASE 967

Re: Application of Mapanza Oil Company to form a non-standard gas proration unit in the Eumont Pool, Lea County, New Mexico, consisting of 160 acres being W/2 E/2 of Section 27, T20S, R37E.

Attention: Mr. W. B. Macey, Secretary-Director

Gentlemen:

The Mapanza Oil Company herewith applies for formation of a non-standard gas proration unit in the Eumont Gas Pool, Lea County, New Mexico, consisting of 160 acres being W/2 E/2 of Section 27, T20S, R37E. The Mapanza Oil Company #1 Phillips-Hooper well was drilled and completed in the vertical and horizontal limits of the Eumont Gas Pool; exact location is 1900' FSL and 660' FSL, Section 27, T20S, R37E. All rules and regulations of the Commission were followed in the drilling and completion of the well and applicable forms were filed, received, and approved by the Hobbs district office.

A plat is attached showing the acreage to be dedicated outlined in yellow. This plat also shows the well location, with distances from the section line and the offset ownership.

The Operator respectfully requests that the Commission grant his application for a non-standard proration unit in the Eumont Gas Pool, consisting of the above described 160 acres, for the following reasons:

1. The well is located in the Eumont Gas Pool and completed in the vertical and horizontal limits of the Eumont Gas Pool.
2. The acreage covered by this application, in the opinion of the Operator, will be adequately drained by the well in its geographical location.
3. Existing rules and regulations of the Commission have been followed insofar as drilling and completion, geographic spacing, and information requested by the Commission.
4. The Operator believes that the granting of this application will serve the interests of conservation of natural resources in the State of New Mexico.

Listed below are the Operators who have been notified by registered mail, of this application:

Continental Oil Company
P. O. Box 749
Roswell, New Mexico

Stanolind Oil and Gas Company
P. O. Box 899
Roswell, New Mexico

New Mexico Oil Conservation Commission

October 13, 1955

This application is filed under the applicable rule, being the Commission's Order N-520, Rule 5, Paragraph (b)-6.

Yours very truly,

MAPEZA OIL COMPANY

/s/ J. W. Adams

J. W. Adams

JWA/sk
Attest.

STATE OF NEW MEXICO

COUNTY OF LEA

BEFORE ME, the undersigned authority, on this day personally appeared J. W. ADAMS, known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein and that said report is true and correct.

SUBSCRIBED AND SWORN To before me, this the 13th day of October, 1955.

My Commission Expires:

Notary Public in and for
Lea County, New Mexico.

Memo

10/19/55

From

Re: Case 967

To
JWB

OK. to write approval
for normal NSF.

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

November 15, 1955

Mr. Jason Kellahin
P.O. Box 597
Santa Fe, New Mexico

Dear Sir:

In behalf of your client, Continental Oil Company, we enclose two copies of each of the following orders issued November 10, 1955, by the Oil Conservation Commission:

Order R-714, Case 967
Order R-715, Case 968
Order R-716, Case 969

All of these cases were heard on October 17th.

Very truly yours,

W. B. Macey
Secretary - Director

WBM:brp
Encls.

C
O
P
Y

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 POOL CONTAINED IN ORDER
NO. R-520, IN ESTABLISHMENT OF A
NON-STANDARD GAS PRORATION UNIT OF
320 ACRES CONSISTING OF THE W/2 W/2
SECTION 26 AND THE E/2 E/2 SECTION
27, T20S, R37E, N.M.P.M., LEA COUNTY
N. M. TO BE ALLOCATED TO ITS SOPHIA
MEYER B-26 WELL No.1

CASE NO. 967

Comes now Continental Oil Company, hereinafter called "applicant," and would respectfully show unto the Commission:

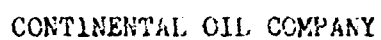
1. That applicant is the co-owner and is the operator of a lease designated the Sophia Meyer "B" Lease containing, among other lands the W/2 W/2 Section 26 and E/2 E/2 Section 27, T20S, R37E, N.M.P.M., Lea County, New Mexico.
2. That applicant drilled and completed on February 21, 1929 a gas well on said lease located 2,363 feet from the south line and 0 feet from the west line of said Section 26, which well is now producing from the presently defined vertical limits of the Eumont Pool.
3. That said well at the present time has assigned to it a 160 acre gas proration unit consisting of the SW/4 of said Section 26,
4. That the W/2 NW/4 Section 26 and the E/2 E/2 Section 27 are not now allocated to any gas well and should be allocated to a producing gas well in the interests of the prevention of waste and protection of correlative rights. It is proposed to form a 320 acre unit to consist of the W/2 W/2 of said Section 26 and the E/2 E/2 of said Section 27. The E/2 SW/4 of said Section 26 will be allocated to the Sophia Meyer A-26 well No.1.
5. That in consideration of the location of the well and the lands covered by the lease the proposed unit is the most practical method of allocating the said acreage to a producing gas well.
6. That the offset operators are as follows:
Stanolind Oil & Gas Co., P. O. Box 68, Hobbs, New Mexico
Makin Drilling Co., P. O. Box 1628, Hobbs, New Mexico

Wherefore, applicant prays that this application be set for hearing before the Commission's duly appointed examiner, that appropriate notice thereof be given and that upon hearing an order be issued granting the 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
/s/ H. L. Johnston
Regional Manager of Production
Southwestern Region

N. M. Oil & Gas Engr. Committee
P. O. Box 127
October 8, 1955
Hobbs, New Mexico



----- Ac^{reage} Proposed for Gas Well ^{CASE}-----
----- Ac^{reage} Now Assigned to Gas Well
----- Ac^{reage} Assigned to Offset Well

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
EXHIBIT NO. 2

CASE: 967
EXHIBIT: 2

TO:

SUBJECT: GAS WELL BACK PRESSURE TEST WELL ~~Layer 3-26 No. 1~~
POOL ~~Layer 3-26 No. 1~~
LOCATION ~~1-26-37~~

A 12 hour back pressure test was conducted on subject well on August 22, 1955 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 Open hole at 31201-3686. A calculated open flow potential of 5,500 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: 5,500 MCFGPD
Deliverability at 600 lbs. psi: 2,870 MCFGPD
Deliverability at 150 lbs. psi: 5,400 MCFGPD
Shut in pressure: 1,088.2 lbs. psi

W. Howard

Gas Tester

CC:

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
Conoco EXHIBIT No. 4
CASE 967

Exhibit: 4
Case 967

CONTINENTAL OIL COMPANY
HOBBS DISTRICT
GAS WELL DATA

VOLUME
(CALCULATED MCFD)

Q 1 1300
Q 2 2036
Q 3 2140
Q 4

WORKING
WELLHEAD PRESSURE (PSIA)

Pc - 1006.2
Pw1 - 951.2
Pw2 - 865.2
Pw3 - 804.2
Pw4

W.H.P. 2

Pc2 - 1,104 N
Pw12 - 837 N
Pw22 - 748 N
Pw33 - 663 N
Pw44 -

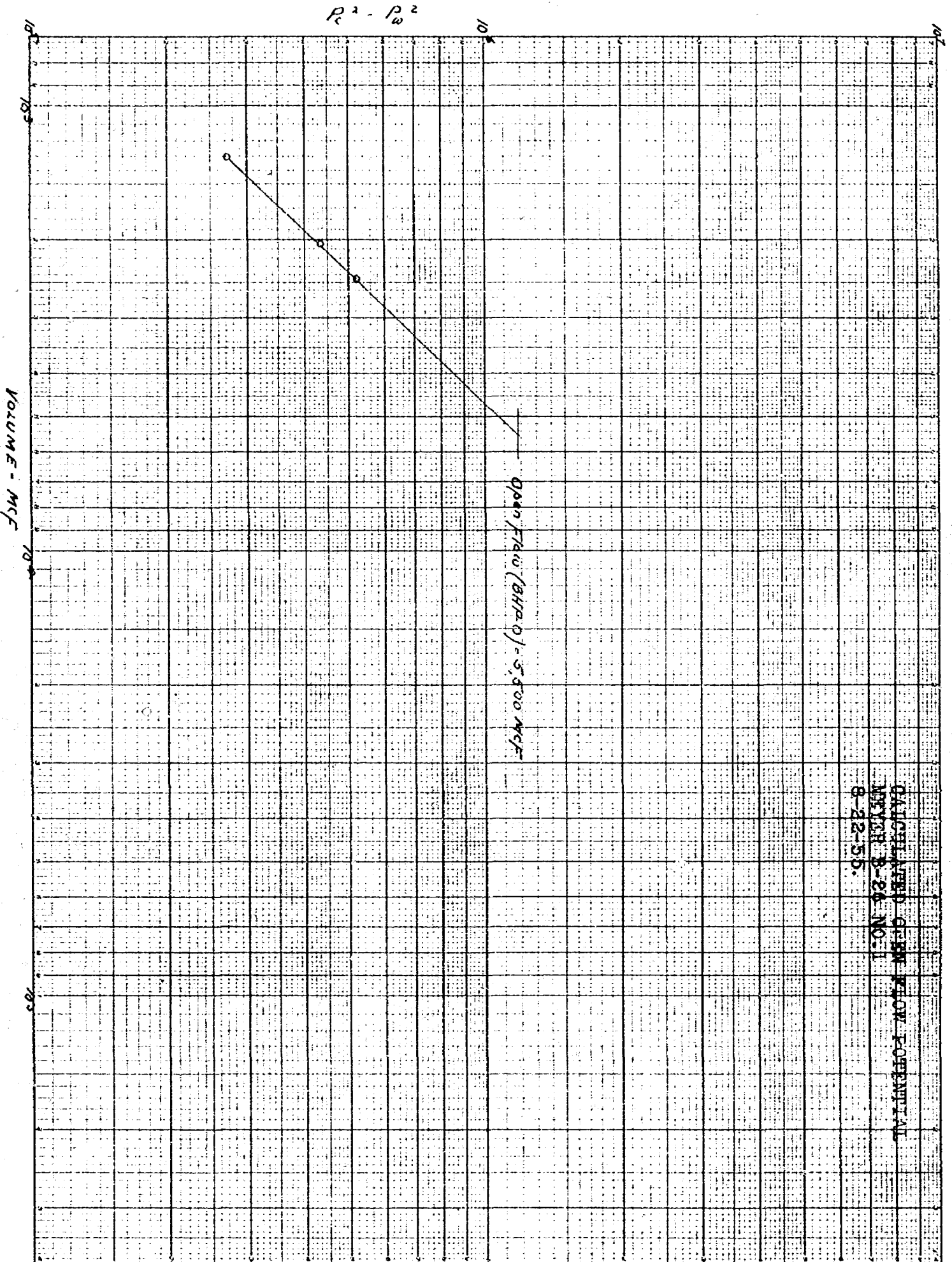
P2 - P2

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

Specific Gravity 600
GPM Content 246
CO2 Content
H2S Content
Water Production 0
Distillate Production 0
Distillate Gravity



CALCULATED OPEN-PISTON POTENTIAL
MAY 1954 NO. 1
8-22-55.

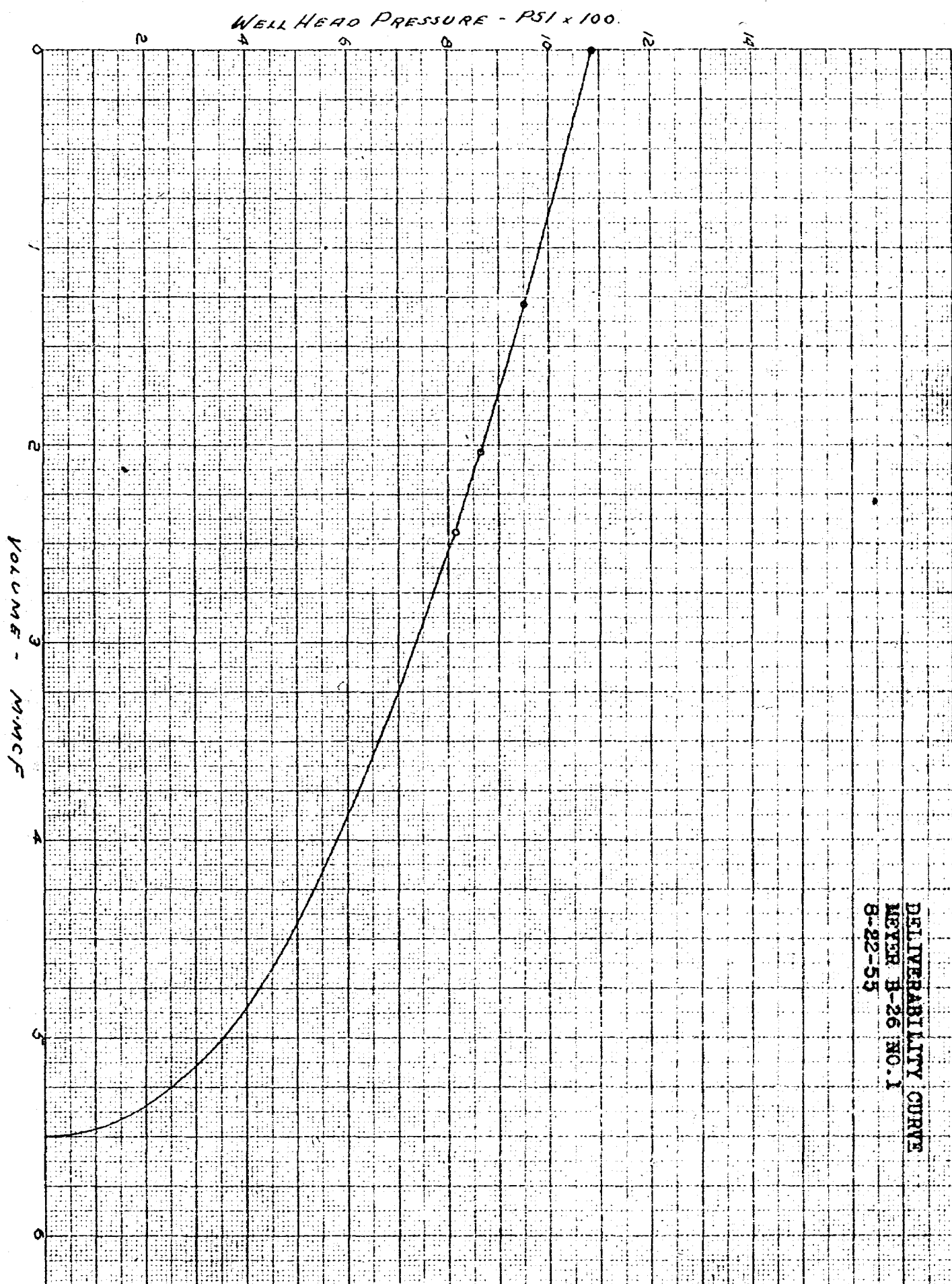


NO. 319-C. MILLIMETERS. 100 BY 250 DIVISIONS.



CODEx BOOK COMPANY, INC. NORWOOD, MASSACHUSETTS.
PRINTED IN U.S.A.

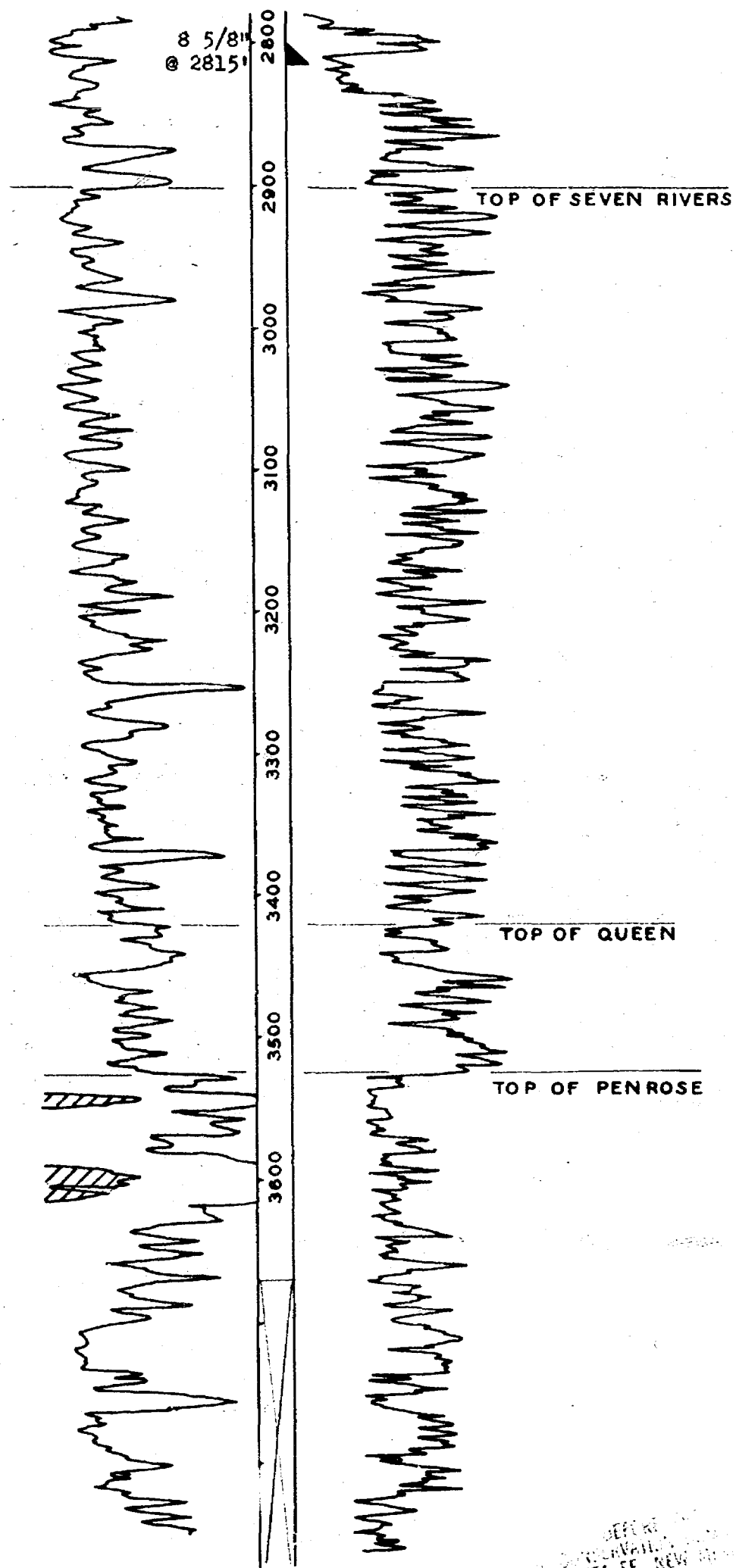
DELIVERABILITY CURVE
MEYER B-26 NO. 1
8-22-55



CONTINENTAL OIL COMPANY

MEYER B-26 NO.1

Elev: 3508'



Open Hole: 2815' to PB 3670'
Producing Interval: 3527' to 3615'.
Queen Formation

RECEIVED
CONTINENTAL OIL COMPANY
SANTA FE, NEW MEXICO
Consolidated
9/6/7
EXHIBIT NO. 3

CASE: 967
EXHIBIT: 3

October 13, 1955

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

Re: Mapenza Oil Company Phillips-Hooper No. 1 gas proration unit - Eumont
Field - 160 acres, located in the SE/4 of Section 27, T20S, R37E,
Lea County, New Mexico

Attention: Mr. W. E. Macey, Secretary-Director

Gentlemen:

The above mentioned proration unit has been assigned to this company since
the beginning of production. We request that this 160 acre unit be dissolved
and that the following 160 acres be assigned to the subject well - W/2 E/2
of Section 27, T20S, R37E. Attached is an application for administrative
order covering the requested different proration unit.

Yours very truly,

MAPENZA OIL COMPANY

J. W. Adams

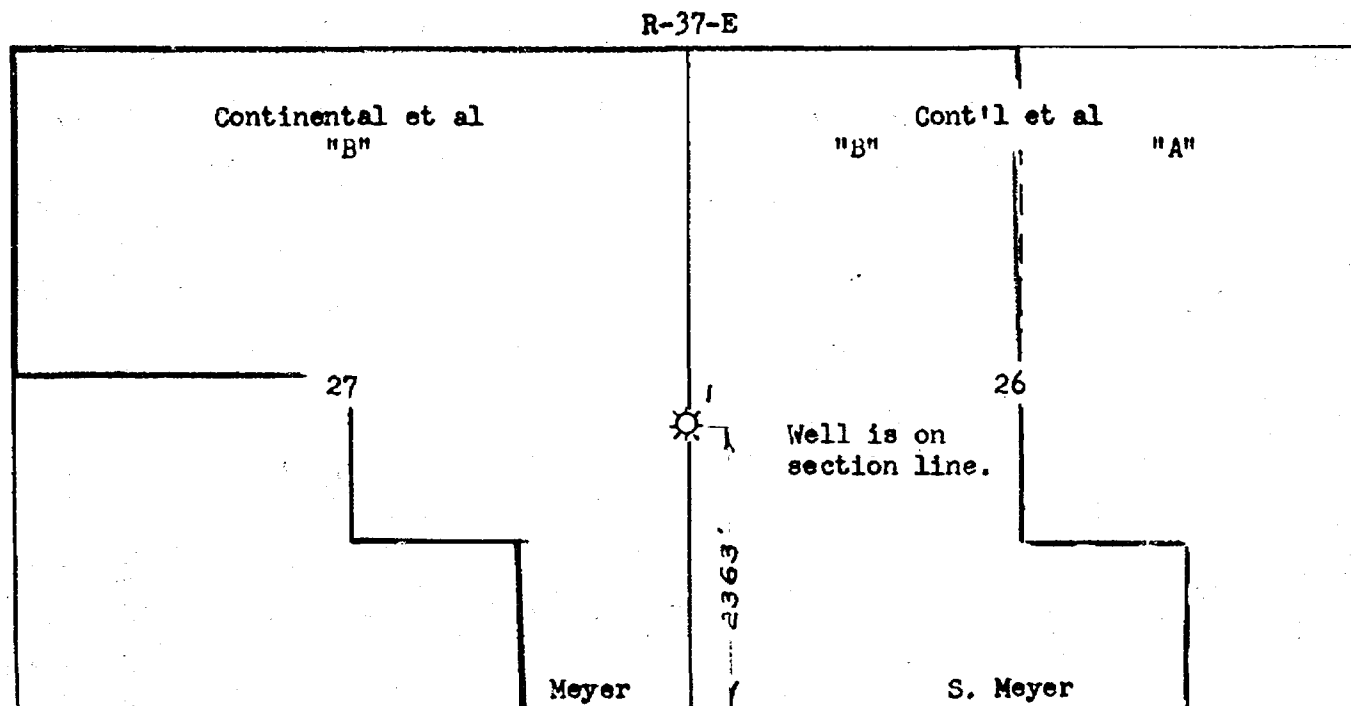
JWA/sk

cc: Morris R. Antwell
A & M Oil Company
Stanaland Oil and Gas Company, Roswell, New Mexico
Continental Oil Company
Attn: T. J. Mathers
Fort Worth, Texas

Attn: R. L. Adams
Roswell, New Mexico

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
Conced
CASE 967

Exhibit 5
CASE 967



CONTINENTAL OIL COMPANY
 S. Meyer B-26 No.1
 On line of Sections 26 & 27,
 Township 20 South, Range 37 East,
 Lea Co., New Mexico..

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

CASE: 967
 EXHIBIT: 1