

Case No.

29

Application, Transcript,
Small Exhibits, Etc.

October 2, 1941

Honorable Glenn Staley
Proration Office
Hobbs, New Mexico

Re: Case No. 29

Dear Glenn:

Enclosed please photostat of Exhibit
No. 1, introduced in the above captioned case.

Very truly yours,

Oil Conservation Commission

BY:

Carl B. Livingston
Chief Clerk & Legal Advisor

CBL:MS

October 2, 1941

Keith Quail, Esq.
Artesia, New Mexico

Dear Keith:

Re: Case 29

Exhibit No. 1 introduced in the above
captioned case is hereby withdrawn and transmitted
to you.

A photostatted copy has been substituted
as requested by you.

Very truly yours,

Oil Conservation Commission

By

Carl E. Livingston
Chief Clerk & Legal Advisor

CBL:MS

Copy of

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as requested
and directed
at hearing.

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B&B # 2
842

BEFORE THE OIL CONSERVATION
COMMISSION OF THE STATE
OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF BASSETT &
BIRNEY ET AL, A MINING PARTNERSHIP, FOR A CLOSER
SPACING PERMIT THAN IS AT PRESENT PERMITTED BY
THE RULES OF THE COMMISSION.

WAIVER AND ANSWER

TO THE HONORABLE OIL CONSERVATION COMMISSION, STATE OF NEW
MEXICO:

Comes now Bert Aston and R. W. Fair and hereby accept
service of a copy of the Petition of Bassett & Birney et al,
a mining partnership, in this cause and do further enter
their general appearance herein.

The said Bert Aston and R. W. Fair further state that
they do hereby give their consent and do expressly waive
any objection to the location requested in the Petition of
the said Bassett & Birney et al, a mining partnership, filed
in this cause, and do hereby expressly consent to the en-
trance of the order requested by said petitioner at a hear-
ing held at any time without further notice.


Bert Aston

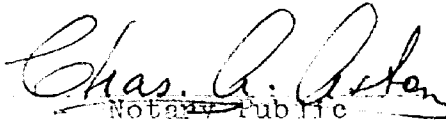

R. W. Fair

STATE OF NEW MEXICO)
 : ss
COUNTY OF EDDY)

Bert Aston, being first duly sworn, deposes and says:
That he has read the foregoing Waiver and Answer; that he
knows the contents thereof; and that the statements contain-
ed therein are true and correct.


Bert Aston

Subscribed and sworn to before me this 10 day of
September, A. D., 1941.


Notary Public

My commission expires:

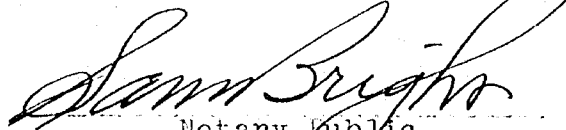
11-27-43

STATE OF TEXAS)
 : ss
COUNTY OF)

R. W. Fair, being first duly sworn, deposes and says:
That he has read the foregoing Waiver and Answer; that he
knows the contents thereof; and that the statements contain-
ed therein are true and correct.


R. W. Fair

Subscribed and sworn to before me this day of
September, A. D., 1941.


Notary Public

My commission expires:

May 31, 1943

B+B et al
EB

BEFORE THE OIL CONSERVATION
COMMISSION OF THE STATE
OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF BASSETT &
BIRNEY ET AL, A MINING PARTNERSHIP, FOR A CLOSER
SPACING PERMIT THAN IS AT PRESENT PERMITTED BY
THE RULES OF THE COMMISSION

WAIVER AND ANSWER

TO THE HONORABLE OIL CONSERVATION COMMISSION, STATE OF NEW
MEXICO:

Comes now Martin Yates, Jr., Mary E. Yates, Ira C.
Dixon, William Dooley and Martin Yates, III, composing a
partnership doing business under the name of Dixon & Yates
Oil Company, and hereby accept service of a copy of the
Petition of Bassett & Birney et al, a mining partnership,
in this cause and do further enter their general appearance
herein.

The said Martin Yates, Jr., Mary E. Yates, Ira C.
Dixon, William Dooley and Martin Yates, III, composing a
partnership doing business under the name of Dixon & Yates
Oil Company, further state that they do hereby give their
consent and do expressly waive any objection to the location
requested in the Petition of the said Bassett & Birney et al,
a mining partnership, filed in this cause, and do hereby ex-
pressly consent to the entrance of the order requested by
said petitioner at a hearing held at any time without furth-
er notice.

Martin Yates Jr
Martin Yates, Jr.
Mary E. Yates
Mary E. Yates
Ira C. Dixon
Ira C. Dixon

William Dooley
William Dooley
Martin Yates III
Martin Yates, III

STATE OF NEW MEXICO :
 : ss
COUNTY OF EDDY :

Martin Yates, Jr., Mary E. Yates, Ira C. Dixon, William Dooley and Martin Yates, III, composing a partnership doing business under the name of Dixon & Yates Oil Company, being first duly sworn, depose and say: That they have read the foregoing Waiver and Answer; that they know the contents thereof; and that the statements therein contained are true and correct.

Martin Yates Jr
Martin Yates, Jr.
Mary E. Yates
Mary E. Yates
Ira C. Dixon
Ira C. Dixon
William Dooley
William Dooley
Martin Yates III
Martin Yates, III

Subscribed and sworn to before me this 8th day of
September, A. D.. 1941.

Burt King
Notary Public

My commission expires:

Jan. 10-1942.

NEW MEXICO OIL CONSERVATION COMMISSION
HOBBBS, NEW MEXICO

August 26, 1941

C
O
P
Y

The Santa Fe New Mexican
Santa Fe, New Mexico

The Artesia Advocate
Artesia, New Mexico

Re: Case #29. Notice for Publication

Gentlemen:

Please publish the enclosed notice once,
immediately. Please proof read the notice carefully
and send a copy of the paper carrying such notice.

Upon completion of the publication, please send
publisher's affidavit.

For payment, please submit statement in duplicate
accompanied by voucher executed duplicate. The
necessary voucher blanks are enclosed.

Very truly yours,

Oil Conservation Commission

By

Carl B. Livingston
Chief Clerk & Legal Advisor.

CBL:MS

NEW MEXICO OIL CONSERVATION COMMISSION
HOBBS, NEW MEXICO

August 26, 1941

Honorable Glenn Staley
Proration Umpire
Hobbs, New Mexico

Re: Case #29

Dear Glenn:

Bassett & Birney's petition in the above captioned matter was acted upon by the Commission yesterday.

Publication of Notice of hearing set for September 25th at 2 P.M., is proceeding in Eddy County as well as in Santa Fe.

Very truly yours,

Oil Conservation Commission

By Carl B. Livingston
Chief Clerk & Legal Advisor

Carl B. Livingston
Chief Clerk & Legal Advisor

CBL:MS

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NEW MEXICO OIL CONSERVATION COMMISSION
HOBBS, NEW MEXICO

August 26, 1941

Keith F. Quail, Esq.
Artesia, New Mexico

Re: Case #29

Dear Keith:

Enclosed is copy of Notice for Publication in
the above captioned case.

Please check the proof with the printer and
urge that the publication affidavit be transmitted
to the Commission promptly.

Very truly yours,

Oil Conservation Commission

By

Carl B. Livingston
Chief Clerk & Legal Advisor

CBL:MS

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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. 29

ORDER NO. 399

THE PETITION OF C. N. BASSETT FOR
BASSETT & BIRNEY ET AL, A MINING CO-
PARTNERSHIP, FOR A WELL LOCATION IN THE
NW CORNER OF THE NE $\frac{1}{4}$ OF THE SE $\frac{1}{4}$, SECTION 11,
TOWNSHIP 18S, RANGE 29E, N.M.P.M., EDDY COUNTY,
CLOSER TO THE BOUNDARY LINE OF SAID 40-ACRE
TRACT THAN IS PERMITTED BY THE PRESENT RULES
AND REGULATIONS OF THE OIL CONSERVATION
COMMISSION, WHICH SAID LOCATION IS 50 FEET
EAST OF THE WEST LINE AND 330 FEET SOUTH OF
THE NORTH LINE OF SAID 40-ACRE TRACT.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at two o'clock P.M.,
September 25, 1941, at Santa Fe, New Mexico.

NOW, on the same said date, the Commission having
before it for consideration the testimony adduced at the
hearing of said case and being fully advised in the premises,
the Commission finds:

F I N D I N G S

1. That notice by publication of the filing of the
application herein, the time and the place of the hearing thereon,
and the purpose of said hearing, have been regularly given in
all respects as required by law, and the Commission has
jurisdiction of the subject matter embraced in said petition
and of the parties interested therein, and jurisdiction to
issue and promulgate the hereinafter prescribed order.

2. That geological sub-surface structural conditions
appear to be such within the NE $\frac{1}{4}$ of the SE $\frac{1}{4}$, Section 11,
Township 18S- Range 29E, N.M.P.M., as to make a well location
in accordance with existing rules of the Commission to be less
likely to result in the production of oil in commercial
quantities, and that it further appears to the Commission that
because of said structural conditions a well location in the
NW corner of said NE $\frac{1}{4}$ of the SE $\frac{1}{4}$, at a point 50 feet east of

the west boundary line and 330 feet south of the north boundary line of said 40-acre tract is more likely to produce oil in commercial quantities.

3. The petitioner is the owner of the NW₁ of the SE₁, Section 11, Township 18S, Range 29E, N.E.P.M., being the 40-acre unit affected.

4. That said location petitioned for appears to be a reasonable and practicable location which will not create waste.

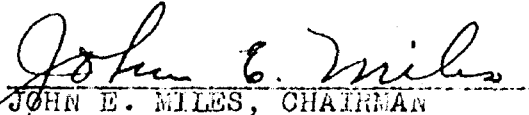
IT IS THEREFORE ORDERED:

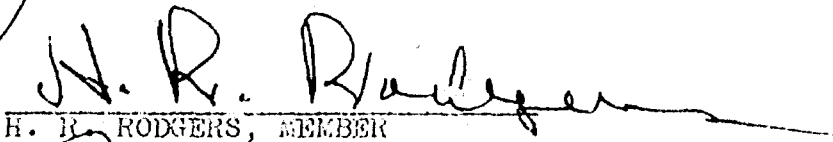
1. That the petitioners are hereby allowed to fix the well location petitioned for as follows:

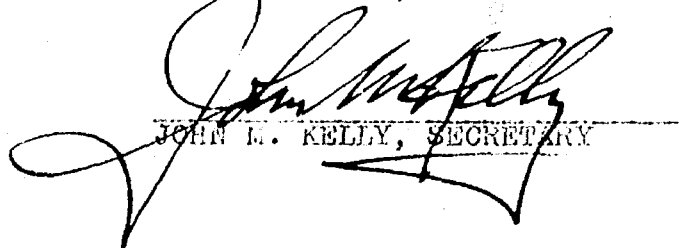
At a point 50 feet east of the west boundary line and 330 feet south of the north boundary line of the NE₁ of the SE₁ Section 11, Township 18S, Range 29E, N.E.P.M.

subject to the usual administrative requirements with respect to bond and the usual filing in triplicate with the Commission Notice of Intention to Drill, on Form C-101, setting out the special location herein granted.

OIL CONSERVATION COMMISSION


JOHN E. MILES, CHAIRMAN


H. R. RODGERS, MEMBER


JOHN M. KELLY, SECRETARY

CASE NO. 29

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

THE PETITION OF C. N. BASSETT FOR BASSETT & BIRNEY ET AL, A MINING CO-PARTNERSHIP, FOR A WELL LOCATION IN THE NW CORNER OF THE NE $\frac{1}{4}$ OF THE SE $\frac{1}{4}$, SECTION 11, TOWNSHIP 18S, RANGE 29E, N.M.P.M., EDDY COUNTY, CLOSER TO THE BOUNDARY LINE OF SAID 40-ACRE TRACT THAN IS PERMITTED BY THE PRESENT RULES AND REGULATIONS OF THE OIL CONSERVATION COMMISSION, WHICH SAID LOCATION IS 50 FEET EAST OF THE WEST LINE AND 330 FEET SOUTH OF THE NORTH LINE OF SAID 40-ACRE TRACT.

Pursuant to order of the Commission, duly made and entered, setting September 25, 1941, at two o'clock in the afternoon, for hearing in the above entitled matter, said hearing was convened at two o'clock, P. M., of September 25, 1941, at La Fonda, Santa Fe, New Mexico, immediately after the hearing in Case No. 30, the Commission sitting as follows:

HON. JOHN E. MILES, Governor of New Mexico, Chairman
HON. JOHN M. KELLY, State Geologist, Secretary
HON. H. R. ROGERS, Commissioner of Public Lands, Member
HON. CARL B. LIVINGSTON, Chief Clerk and Legal Advisor.

APPEARANCES:

Lloyd L. Gray	Gulf Oil Corp.	Tulsa, Okla.
Ira Van Tuyl	" " "	Hobbs, N.M.
D. R. McKeithan	Phillips Pet. Co.	Bartlesville, Okla.
C. A. Daniels	" " "	Amarillo, Tex.
K. F. Quail	Bassett & Birney	Artesia, N.M.
Martin Yates III	" " "	" " "
E. M. Perry	" " "	" " "
Roy Langston	Oil Conservation Com.	Artesia, N.M.
Roy Yarbrough	" " "	
Hugh L. Sawyers	N.M. Oil & Gas Assn.	Las Cruces, N.M.
Glenn Staley	Proration Office	Hobbs, N.M.
S. R. Saunders	Gulf Refining Co.	Tulsa, Okla.
W. H. Duly	" Oil Corp.	Hobbs, N.M.
D. M. Hawkins	Phillips Pet. Co.	Odessa, Tex.
Don L. Dickason	Great Western Producers	Albuquerque, N.M.
R. O. <i>De Woody</i>	" " "	Lubbock, Tex.
William A. Sloan	" " "	Albuquerque, N.M.
O. D. Crites	Shell Oil Co.	Houston, Tex.
H. B. Hurley	Continental Oil Co.	Ft. Worth, Tex.
E. P. Keeler	" " "	Hobbs, N.M.
G. L. Tate	Magnolia Pet. Co.	Dallas, Tex.
S. P. Hannifin	" " "	Roswell, N.M.
Howard Jennings	" " "	" " "
H. J. Kenler	Shell Oil Co.	Midland, Tex.
G. H. Cord	Stanolind Oil & Gas Co.	Ft. Worth, Tex.
J. O. Seth	" " " " "	Santa Fe, N.M.
Edgar Kraus	Atlantic Rfg. Co.	Carlsbad, N.M.
A. E. Willig	The Texas Co.	Ft. Worth, Tex.

The hearing was called to order by Governor Miles, who requested Mr. Livingston to read the call of the hearing, as follows:

"The Oil Conservation Commission, by law invested with jurisdiction as the oil and gas regulatory body of the State of New Mexico, hereby gives notice of the following public hearing to be held at the Capitol, Santa Fe, New Mexico.

Case No. 29

The petition of C. M. Bassett for Bassett & Birney et al, a mining co-partnership, for a well location in the NW corner of the NE $\frac{1}{4}$ of the SE $\frac{1}{4}$, Section 11, Township 18S, Range 29E, N.M.P.M., Eddy County, closer to the boundary line of said 40-acre tract than is permitted by the present rules and regulations of the Oil Conservation Commission, which said location is 50 feet east of the west line and 330 feet south of the north line of said 40-acre tract. This case is set for 2 o'clock P.M., September 25, 1941.

Any person having any interest in the subject of said hearing shall be entitled to be heard.

The foregoing Notice of Publication was made pursuant to the direction of the Commission at its Executive Meeting August 25, 1941.

Given under the seal of said Commission at Santa Fe, New Mexico, on August 26, 1941.

OIL CONSERVATION COMMISSION

BY (SGD) John E. Kelly
Secretary."

BY MR. LIVINGSTON: The Commission is now ready to proceed on this case.

BY MR. KEITH F. QUAIL: If the Commission please, this petition asks for nothing more than making this location closer to the boundary line of this forty-acre tract in Section 11, Township 18 S., Range 29 E., a portion of the Loco Hills area. This forty-acre tract is the NE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of said Section 11. We are asking that we be authorized to locate this well 330 feet from this line (indicating on black board map) and 50 feet out from this line, instead of the usual 330 feet location from each line.

MARTIN YATES, III,

being called as a witness on behalf of the petitioners,
and being first duly sworn, was examined by Mr. Quail,
and testified as follows:

DIRECT EXAMINATION

- Q State your name, please.
- A Martin Yates, III.
- Q Are you a partner of the mining partnership known as
Bassett & Birney?
- A I am.
- Q What is the business of that partnership?
- A The business of the partnership is producing oil.
- Q This black board map shows the location of a well in the
SW $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Sec. 12, Twp. 18 S., Range 29 E. I will
ask you to state what you know about that well?
- A That well was drilled sometime last year by the Dixon-Yates
Oil Company, to a depth of 2705 feet. That well encountered
salt water in the Loco Hills production zone, and was
subsequently plugged and abandoned.
- Q This map also shows a well in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ of Sec. 11, Twp.
18 S., R. 29 E. I will ask you to state what you know about
that well?
- A That is a producing oil well, drilled by Aston & Fair, and
is producing from the loco Hills horizon.
- Q What is the depth of that well?
- A 2668 feet.
- Q Here is another well located in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ of Sec. 11, Twp.
18 S., Range 29 E. Tell what you know of that well.
- A That well is also owned by Aston & Fair, and is a producing --
- BY GOVERNOR MILES: That is in the SW $\frac{1}{4}$ NE $\frac{1}{4}$.
- A The SW $\frac{1}{4}$ NE $\frac{1}{4}$. That well was drilled to a total depth of
2653 feet.
- Q The map shows a location in the NW $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec. 11, Twp.
18 S., Range 29 E. Tell the Commission what you know in
regard to that well.

- A That well was drilled by Bassett & Birney, et al, and it is a gas well. It encountered the top of the gas sand at 2610 feet, and was drilled to a total depth of 2650 feet, with a capacity of 7,000,000 cubic feet, gas.
- Q Bassett & Birney drilled that well?
- A Yes, sir, and produced a gasser out of the Loco Hills oil strata.
- Q On what is commonly known as an institutional state lease?
- A It is.
- Q This partnership alleges it desires to make a location at approximately this point (indicating on black board). Will you state to the Commission why you wish to make a location there?
- A The well on the SW $\frac{1}{4}$ NW $\frac{1}{4}$ of Sec. 12 is a water well, which encountered salt water in the oil producing strata. That well is approximately -- a little over a quarter of a mile from our proposed location, and a quarter of a mile from the Bassett & Birney well in the NW $\frac{1}{4}$ SE $\frac{1}{4}$. The Continental and Yates drilled a water well in the NWPSW $\frac{1}{4}$, which is a quarter of a mile west of our gas well. We feel the regional dip in that area is to the east. If we made this quarter of a mile location we would be in danger of encountering water instead of oil in the Loco Hills strata.
- Q Have you had a survey made?
- A Yes, we had a geochemical survey made of the area around the gas well, our proposed location, and the other well offsets, by the Geochemical Service Corporation, of Tulsa, Oklahoma, and by that survey we were advised to drill a well as close as we could to the gas well.
- Q I hand you this instrument, and ask you what it is?
- A This is the geochemical soil analysis made by the Geochemical Service Corporation of Tulsa.
- Q This is the report to which you referred, is it?
- A That is right.

BY MR. QUAIL: It is offered in evidence.

(Marked "B. & B. Ex. No. 1).
-4-

BASSETT & BIRNEY EXHIBIT NO. 1

"July 26, 1941

Bassett & Birney
c/o Harvey E. Yates
Artesia, New Mexico

Gentlemen:

Herewith is a reconnaissance geochemical map and report covering portions of Sections 11 and 12-T18S-R29E-LoCo Hills Area-Eddy County, New Mexico.

We trust this report meets your approval and serves the purpose for which it is intended.

Very truly yours,

GEOCHEMICAL SERVICE CORPORATION

(SGD) John W. Merritt

President

(John W. Merritt)
JWM/bc

RECONNAISSANCE

GEOCHEMICAL REPORT

FOR

BASSETT & BIRNEY

PORTIONS OF SECTIONS 11 AND 12-T18S-R29E

LOCO HILLS AREA, EDDY COUNTY, NEW MEXICO

GEOCHEMICAL SERVICE CORPORATION
Tulsa Oklahoma

July 26, 1941

RECONNAISSANCE GEOCHEMICAL REPORT

FOR

BASSETT & BIRNEY

PURPOSE OF THE REPORT

Twelve soil samples covering the area between two oil wells, a gas well and a dry hole in Sections 11 and 12-T18S-R29E, Eddy County, New Mexico were sent to Geochemical Service Corporation in order to determine what locations might be made for local sand production in the N/2 of the SE/4 of Section 11. Sufficient samples, to advise regarding the entire 80 acres were not taken, but those sent enable us to advise regarding three or four possible locations.

METHODS OF WORK

In geochemical (soil analysis) mapping, it has been observed that hydrocarbon values are found high at the margin of production in such a way as to form a band of high values sometimes called a halo surrounding the producing area. Sometimes production will reach into this band and sometimes it will stop just short of it. The halo band may be wide or it may be narrow, depending upon the nature of the production. Sometimes the band may be less than 500 feet wide; at other times it may reach one-fourth, one-half mile or more in width. In order to obtain a clear picture of a producing area, obviously the work should be carried on in detail until the entire area is surrounded and mapped.

The values over production as well as the values in a dry spot are lower than those within the halo band so that without the halo pattern it is difficult to distinguish between dry and producing areas unless other information is available to tell which side of a fractional halo band is the productive side. Fortunately, in this case the record of wells gives us that information.

RESULTS OF ANALYSES

The attached chemomap shows the hydrocarbon values in PPB (parts per billion) together with the location of each of the analyses. It will be observed that the dry hole has a value of one and the samples taken at the oil and gas wells range in value from one to seven. Two high value points were found. In the northeast corner of the SE/4 of Section 11 a value of 150 PPB occurs and northwest of it a value of 22 PPB is found. These two points would appear to be on a halo band which must separate production to the west from the dry hole in Section 12. This halo band is sketched in between the wells in Section 11 and the dry hole in Section 1w, but no sample was taken at that point to substantiate this interpretation.

RECOMMENDATIONS

It would appear from the present work that the northeast corner location of the N/2 of the SE/4 of Section 11 would lie in the halo band and should be an unfavorable location for an oil or gas well. The location west of that would be marginal but probably should produce. The location west of the latter should be a productive location. The location with the value of seven in the southwest corner of the NE/4 of the SE/4 of Section 11 should produce though it is not certain which direction the halo band takes from the point at which we register 150 PPB.

Respectfully submitted,

GEOCHEMICAL SERVICE CORPORATION

(John W. Merritt)

(SGD) John W. Merritt

bc
7/26/41

President"

(Map attached to original exhibit)

- Q Will you indicate on the map just exactly what that report shows with reference to the halo which runs through that area?
- A That runs something like this (illustrating); that is the halo area.
- Q This is the area in which you are advised to drill?
- A That is right.
- Q The report recommends you put that as far away as possible from this halo?
- A That is right.
- Q It is true that the only tract affected by this location is this tract owned by the Bassett & Birney partnership?
- A That is right.
- Q Did you contact any of the offset owners?
- A The Dixon Oil Company and Aston & Fair, who own all the offsets to this particular well.
- Q Did they have any objection to this well?
- A They did not.
- Q Did they execute any instrument?

A Dixon & Yates and Aston & Fair executed waivers.

BY MR. QUAIL: We realize these operators would not be affected, but as a matter of courtesy we did obtain waivers, and we would like to introduce them in evidence.

Q I hand you an instrument, and ask you to state what it is.

A That is the waiver executed by Aston & Fair

BY MR. QUAIL: If there is no objection, we will introduce that in evidence. (Marked B . & B. Ex. No. 2)

BASSETT & BIRNEY EXHIBIT NO. 2

"BEFORE THE OIL CONSERVATION
COMMISSION OF THE STATE
OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF BASSETT & BIRNEY
ET AL, A MINING PARTNERSHIP, FOR A CLOSER SPACING
PERMIT THAN IS AT PRESENT PERMITTED BY THE RULES OF
THE COMMISSION.

WAIVER AND ANSWER

TO THE HONORABLE OIL CONSERVATION COMMISSION, STATE OF
NEW MEXICO:

Comes now Bert Aston and R. W. Fair and hereby accept
service of a copy of the Petition of Bassett & Birney et al,
a mining partnership, in this cause and do further enter
their general appearance herein.

The said Bert Aston and R. W. Fair further state that
they do hereby give their consent and do expressly waive
any objection to the location requested in the Petition of
the said Bassett & Birney et al, a mining partnership, filed
in this cause, and do hereby expressly consent to the en-
trance of the order requested by said petitioner at a hearing
held at any time without further notice.

(Sgd) Bert Aston

(Sgd) R. W. Fair

STATE OF NEW MEXICO §
; ss
COUNTY OF EDEY §

Bert Aston, being first duly sworn, deposes and says:
That he has read the foregoing Waiver and Answer; that he
knows the contents thereof; and that the statements con-
tained therein are true and correct.

(Sgd) Bert Aston

Subscribed and sworn to before me this 10 day of
September, A. D. 1941.

(SEAL) (Sgd) Chas. A. Aston
Notary Public
My commission Expires: 11-27-43

STATE OF NEW MEXICO
COUNTY OF

R. W. Fair, Notary Public, sworn, to and says:
That he has read the foregoing Waiver and Answer; that he
knows the contents thereof; and that the statements contain-
ed therein are true and correct.

(Sgd) R. W. Fair

Subscribed and sworn to before me this ____ day of
September, A. D., 1941.

(SEAL) (Sgd) Sam Bright
Notary Public
My commission Expires: May 3, 1943."

Q Look at this instrument and state what it is.

A This is the waiver executed by Dixon & Yates Oil Company.

BY MR. QUAIL: If there is no objection, we desire to introduce
this waiver in evidence. (Marked B. & B. Ex. No. 3)

BASSETT & BIRNEY EXHIBIT NO. 3

"BEFORE THE OIL CONSERVATION
COMMISSION OF THE STATE
OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF BASSETT &
BIRNEY ET AL, A MINING PARTNERSHIP, FOR A CLOSER
SPACING PERMIT THAN IS AT PRESENT PERMITTED BY
THE RULES OF THE COMMISSION

WAIVER AND ANSWER

TO THE HONORABLE OIL CONSERVATION COMMISSION, STATE OF NEW
MEXICO:

Comes now Martin Yates, Jr., Mary E. Yates, Ira C.
Dixon, William Dooley and Martin Yates, III, composing a
partnership doing business under the name of Dixon & Yates
Oil Company, and hereby accept service of a copy of the
Petition of Bassett & Birney et al, a mining partnership,
in this cause and do further enter their general appearance
therein.

The said Martin Yates, Jr., Mary E. Yates, Ira C.
Dixon, William Dooley and Martin Yates, III, composing a
partnership doing business under the name of Dixon & Yates
Oil Company, further state that they do hereby give their

consent and do expressly waive any objection to the location requested in the Petition of the said Bassett & Birney et al, a mining partnership, filed in this cause, and do hereby expressly consent to the entrance of the order requested by said petitioner at a hearing held at any time without further notice.

(Sgd) Martin Yates, Jr.

(Sgd) Mary E. Yates

(Sgd) Ira Dixon

(Sgd) William Dooley

(Sgd) Martin Yates III

STATE OF NEW MEXICO {
:
COUNTY OF EDDY {

Martin Yates, Jr., Mary E. Yates, Ira C. Dixon, William Dooley and Martin Yates, III, composing a partnership doing business under the name of Dixon & Yates Oil Company, being first duly sworn, depose and say: That they have read the foregoing Waiver and Answer; that they know the contents thereof; and that the statements therein contained are true and correct.

(Sgd) Martin Yates, Jr.

(Sgd) Mary E. Yates

(Sgd) Ira C. Dixon

(Sgd) William Dooley

(Sgd) Martin Yates III

Subscribed and sworn to before me this 8th day of September, A. D. 1941.

(Sgd) Beth King

(SEAL)

Notary Public

My commission expires: Jan. 10, 1942."

Q One more question: This tract upon which you propose to make this location is an institutional state lease?

A It is.

Q If you do bring in a well, the state will receive its 1/8th royalty?

BY MR. KELLY: Are all of these forty acre tracts on the same lease?

A I am not sure about that, but they are all on the same basic lease.

BY MR. KELLY: Does anybody have any objection to this location?

(No answer)

Witness dismissed.

BY MR. QUAIL: The report I introduced in evidence, when the Commission has read it, we would like to have it returned.

BY MR. KELLY: It will have to be photostatted and be put in the record, then you can have it.

The Commission acts favorably on the request, and you will received a signed order before you leave.

C E R T I F I C A T E

I hereby certify that the foregoing and attached ten pages of typewritten matter are a true, correct and complete transcript of the shorthand notes taken by me, and the exhibits offered in evidence, with the exception of the map attached to original B. & B. Exhibit No. 1, in Case No. 29, before the Oil Conservation Commission of New Mexico on the 25th day of September, 1941, and by me extended into typewriting.

Witness my hand this 29th day of September, 1941.

Esther Barton

PROOF OF PUBLICATION

STATE OF NEW MEXICO }
County of Eddy ss.

A. L. Bert Editor
JOE RYBLOCKER, being duly sworn deposes and says that he is the publisher
of THE ARTESIA ADVOCATE, a newspaper published in Artesia, Eddy
County, New Mexico, that the notice of Case No. 29

New Mexico Oil Conservation Commission

a copy of which is hereto attached was first published in said newspaper
in its issue dated Sept. 4, 1941
and was published in the weekly issue of said newspaper, and not in
any supplement, thereafter for the full period of one con-
secutive weeks, the last publication thereof being in the issue dated

Sept. 4, 1941

A. L. Bert

Subscribed and sworn to before me on Sept. 5, 1941

Leatrice Blocker
Notary Public

Publishers Fee \$ 4.12

NOTICE FOR PUBLICATION

STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

The Oil Conservation Commission, by law invested with jurisdiction as the oil and gas regulatory body of the State of New Mexico, hereby gives notice of the following public hearing to be held at the Capitol, Santa Fe, New Mexico:

Case No. 29

The petition of C. N. Bassett for Bassett & Birney et al, a mining co-partnership, for a well location in the NW corner of the NE $\frac{1}{4}$ of the SE $\frac{1}{4}$, Section 11, Township 18S, Range 29E, N. M. P. M., Eddy County, closer to the boundary line of said 40-acre tract than is permitted by the present rules and regulations of the Oil Conservation Commission, which said location is 50 feet east of the west line and 330 feet south of the north line of said 40 acre tract. This case is set for 2 o'clock P. M., September 25, 1941.

Any person having any interest in the subject of said hearing shall be entitled to be heard.

The foregoing Notice of Publication was made pursuant to the direction of the Commission at its Executive Meeting August 25, 1941.

Given under the seal of said Commission at Santa Fe, New Mexico, on August 26, 1941.

OIL CONSERVATION
COMMISSION,

By (Sgd) John M. Kelly,
Secretary.

(SEAL)

36-1t

LEGAL ADVERTISING

NOTICE FOR PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION
COMMISSION

The Oil Conservation Commission, by law invested with jurisdiction as the oil and gas regulatory body of the State of New Mexico, hereby gives notice of the following public hearing to be held at the Capitol, Santa Fe, New Mexico:
Case No. 29

The petition of O. N. Bassett for Bassett & Birney et al, a mining co-partnership, for a well location in the NW corner of the NE $\frac{1}{4}$ of the SE $\frac{1}{4}$, Section 11, Township 18S, Range 28E, N. M. P. M., Eddy County, closer to the boundary line of said 40-acre tract than is permitted by the present rules and regulations of the Oil Conservation Commission, which said location is 50 feet east of the west line and 330 feet south of the north line of said 40-acre tract. This case is set for 2 o'clock P. M., September 25, 1941.

Any person having any interest in the subject of said hearing shall be entitled to be heard.

The foregoing Notice of Publication was made pursuant to the direction of the Commission at its Executive Meeting August 25, 1941.

Given under the seal of said Commission at Santa Fe, New Mexico, on August 26, 1941.

OIL CONSERVATION
COMMISSION

By (Sgd) JOHN M. KELLY
Secretary.

(SEAL)
Publish August 29, 1941

lines, times, \$

Tax \$

Total \$352

Received payment,

By.....

Affidavit of Publication

State of New Mexico, }
County of Santa Fe } ss.

I, S. B. Floyd, being first duly sworn, declare and say that I am the (Business Manager) (Editor) of the Santa Fe New Mexican, a daily newspaper, published in the English Language, and having a general circulation in the City and County of Santa Fe, State of New Mexico, and being a newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 of the Session Laws of 1937; that the publication, a copy which is hereto attached, was published in said paper once each week for consecutive weeks, and on the same day of each week in the regular issue of the paper during the time of publication, and that the notice was published in the newspaper proper, and not in any supplement, once each week for weeks consecutively, the first publication being on the 29th day of August, 1941, and the last publication on the day of, 19.....; that payment for said advertisement has been (duly made), or (assessed as court costs); that the undersigned has personal knowledge of the matters and things set forth in this affidavit.

[Signature]

Manager.

Subscribed and sworn to before me, this 2nd day of September, A. D., 1941

Anna K. Ormsbee

Notary Public.

My Commission expires

June 11, 1945

NOTICE FOR PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

The Oil Conservation Commission, by law invested with jurisdiction as the oil and gas regulatory body of the State of New Mexico, hereby gives notice of the following public hearing to be held at the Capitol, Santa Fe, New Mexico:

Case No. 29

The petition of C. N. Bassett for Bassett & Birney et al, a mining co-partnership, for a well location in the NW corner of the NE $\frac{1}{4}$ of the SE $\frac{1}{4}$, Section 11, Township 18S, Range 29E, N. M. P. M., Eddy County, closer to the boundary line of said 40-acre tract than is permitted by the present rules and regulations of the Oil Conservation Commission, which said location is 50 feet east of the west line and 330 feet south of the north line of said 40-acre tract. This case is set for 2 o'clock P.M., September 25, 1941.

Any person having any interest in the subject of said hearing shall be entitled to be heard.

The foregoing Notice of Publication was made pursuant to the direction of the Commission at its Executive Meeting August 25, 1941.

Given under the seal of said Commission at Santa Fe, New Mexico, on August 26, 1941.

OIL CONSERVATION COMMISSION

BY (Sgd) John M. Kelly
Secretary

SEAL

WILLIAM A. WATSON
KEITH F. QUAIL

LAW OFFICES
WATSON & QUAIL

August 23, 1941

YARD BUILDING
ARTESIA, NEW MEXICO

Oil Conservation Commission
Capital Building
Santa Fe, New Mexico

Att'n: Carl B. Livingston

Re: Petition of Bassett & Birney et al for
an unorthodox location.

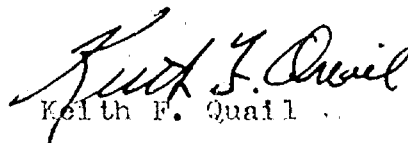
Dear Carl:

Please find enclosed Petition of Bassett & Birney
et al for an unorthodox location.

Please have the Commission take this matter up at
its hearing the 25th of this month so that an Order
for Publication may be entered.

I presume it will be possible to hear this matter
on the 25th of September.

Cordially yours,


Keith F. Quail

KFQ/db
Encl. 1

BEFORE THE OIL CONSERVATION
COMMISSION OF THE STATE
OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF BASSETT &
BIRNEY ET AL, A MINING PARTNERSHIP, FOR A CLOSER
SPACING PERMIT THAN IS AT PRESENT PERMITTED BY
THE RULES OF THE COMMISSION.

P E T I T I O N

TO THE HONORABLE OIL CONSERVATION COMMISSION, STATE OF NEW
MEXICO;

Comes now C. N. Bassett, the duly authorized and act-
ing manager of Bassett & Birney et al, a mining partnership,
appearing herein by his attorney, Keith F. Quail, and states
to the Commission:

That Bassett & Birney et al, a mining partnership, is
the record owner of that certain oil and gas lease, number
B-6058, issued by the Commissioner of Public Lands of the
State of New Mexico, under date of March 10th, A. D., 1936,
and the leasehold estate created thereby insofar as the
same embrace the Northeast Quarter of the Southeast Quarter
(NE $\frac{1}{4}$ SE $\frac{1}{4}$) of Section 11, Township 18 South, Range 29 East,
N. M. P. M., Eddy County, New Mexico; that petitioner de-
sires to drill a well for oil and gas in the northwest
(NW) corner of said tract of land above described, at a
point fifty (50) feet east of the west line and three hun-
dred and thirty (330) feet south of the north line, said
location being closer to the boundary line of said forty
acre tract than is permitted by the present rules and regu-
lations of the Oil Conservation Commission, and said

petitioner, in support of this Petition, respectfully states:

1.

That Dixon & Yates have heretofore drilled a commercial oil well located in the northeast (NE) corner of the Northeast Quarter of the Northeast Quarter (NE $\frac{1}{4}$ NE $\frac{1}{4}$) of Section 12, Township 18 South, Range 29 East, N. E. P. M., Eddy County, New Mexico, known as the Saunders No. 1, at an elevation of 3543 feet, in which well the top of the producing horizon was encountered at 2803 feet and the bottom of said horizon was encountered at 2823 feet.

2.

That Dixon & Yates have heretofore drilled a commercial oil well located in the northwest corner of the Northwest Quarter of the Northeast Quarter (NW $\frac{1}{4}$ NE $\frac{1}{4}$) of Section 12, Township 18 South, Range 29 East, N. E. P. M., Eddy County, New Mexico, known as the Saunders No. 2, in which well the top of the producing horizon was encountered at 2714 feet and the bottom of said horizon was encountered at 2738 feet.

3.

That Frank Montgomery has heretofore drilled a commercial oil well located in the northwest corner of the Northeast Quarter of the Northwest Quarter (NE $\frac{1}{4}$ NW $\frac{1}{4}$) of Section 12, Township 18 South, Range 29 East, N. E. P. M., Eddy County, New Mexico, known as the Saunders No. 1, in which well the top of the producing horizon was encountered at 2656 feet and the bottom of said horizon was encountered at 2686 feet.

4.

That Frank Montgomery has heretofore drilled a commercial oil well located in the northwest corner of the Northwest Quarter of the Northwest Quarter (NW $\frac{1}{4}$ NW $\frac{1}{4}$) of Section

12, Township 18 South, Range 29 East, N. M. P. M., Eddy County, New Mexico, known as the Saunders No. 2, in which well the top of the producing horizon was encountered at 2645 feet and the bottom of said horizon was encountered at 2675 feet.

5.

Allen, Fair and Pope have heretofore drilled a commercial oil well located in the northwest corner of the Northeast Quarter of the Northeast Quarter ($NE\frac{1}{4}NE\frac{1}{4}$) of Section 11, Township 18 South, Range 29 East, N. M. P. M., Eddy County, New Mexico, known as the State B. No. 2, at an elevation of 3517 feet, in which well the top of the producing horizon was encountered at 2651 feet and the bottom of said horizon was encountered at 2672 feet.

6.

Allen, Fair and Pope have heretofore drilled a commercial oil well located in the northwest corner of the Northwest Quarter of the Northeast Quarter ($NW\frac{1}{4}NE\frac{1}{4}$) of Section 11, Township 18 South, Range 29 East, N. M. P. M., Eddy County, New Mexico, known as the State B. No. 1, at an elevation of 3523 feet, in which well the top of the producing horizon was encountered at 2645 feet and the bottom of said horizon was encountered at 2669 feet.

7.

That Continental Oil Company and Martin Yates have heretofore drilled a commercial oil well located in the northeast corner of the Northeast Quarter of the Northwest Quarter ($NE\frac{1}{4}NW\frac{1}{4}$) of Section 11, Township 18 South, Range 29 East, N. M. P. M., Eddy County, New Mexico, known as the Continental

Yates, Brainerd No. 1, at an elevation of 3531 feet, in which well the top of the producing horizon was encountered at 2642 feet and the bottom of said producing horizon was encountered at 2670.

8.

That Continental Oil Company and Martin Yates have heretofore drilled a commercial oil well located in the southeast corner of the Northwest Quarter of the Northwest Quarter ($NW\frac{1}{4}NW\frac{1}{4}$) of Section 11, Township 18 South, Range 29 East, N. M. P. M., Eddy County, New Mexico, known as the Continental Yates, Brainerd No. 2, at an elevation of 3518 feet, in which well the top of the producing horizon was encountered at 2626 feet and the bottom of said producing horizon was encountered at 2641 feet.

9.

That Continental Oil Company and Martin Yates have heretofore drilled a commercial oil well located in the southwest corner of the Southwest Quarter of the Northwest Quarter ($SW\frac{1}{4}NW\frac{1}{4}$) of Section 11, Township 18 South, Range 29 East, N. M. P. M., Eddy County, New Mexico, known as the Continental Yates, Brainerd No. 3, at an elevation of 3518 feet, in which well the top of the producing horizon was encountered at 2644 feet and the bottom of said producing horizon was encountered at 2656 feet.

10.

Continental Oil Company and Martin Yates have heretofore drilled a commercial oil well located in the northeast corner of the Southeast Quarter of the Northwest Quarter ($SE\frac{1}{4}NW\frac{1}{4}$) of Section 11, Township 18 South, Range 29 East, N. M. P. M., Eddy County, New Mexico, known as the Continental

Yates, Brainard No. 4, at an elevation of 3513 feet, in which well the top of the producing horizon was encountered at 2629 feet and the bottom of said producing horizon was encountered at 2651 feet.

11.

That Continental Oil Company and Martin Yates have heretofore drilled a well located in the northeast corner of the Northwest Quarter of the Southwest Quarter ($NW\frac{1}{4}SW\frac{1}{4}$) of Section 11, Township 18 South, Range 29 East, N. M. P. M.; Eddy County, New Mexico, known as the Continental Yates, Brainard No. 5, in which well the top of the first oil horizon was encountered at 2645 feet and the bottom of said oil horizon was encountered at 2683 feet, and the top of the second oil horizon was encountered at 2797 feet and the bottom of said oil horizon was encountered at 2832 feet, which said well having failed to produce, the same was plugged and abandoned.

12.

That Aston & Fair have heretofore drilled a commercial oil well located in the northwest corner of the Southwest Quarter of the Northeast Quarter ($SW\frac{1}{4}NE\frac{1}{4}$) of Section 11, Township 18 South, Range 29 East, N. M. P. M., Eddy County, New Mexico, known as the State No. 1, at an elevation of 3511 feet, in which well the top of the producing horizon was encountered at 2631 feet and the bottom of said horizon was encountered at 2653 feet.

13.

That Aston & Fair have heretofore drilled a commercial oil well located in the northwest corner of the Southeast Quarter of the Northeast Quarter ($SE\frac{1}{4}NE\frac{1}{4}$) of Section 11,

Township 18 South, Range 29 East, N. M. P. M., Eddy County, New Mexico, known as the State No. 2, at an elevation of 3517 feet, in which well the top of the producing horizon was encountered at 2658 feet and the bottom of said horizon was encountered at 2668 feet.

14.

That Dixon & Yates have heretofore drilled a well located in the northwest corner of the Southwest Quarter of the Northwest Quarter (SW $\frac{1}{4}$ NW $\frac{1}{4}$) of Section 12, Township 18 South, Range 29 East, N. M. P. M., Eddy County, New Mexico, known as the Saunders No. 3, said well having been drilled to a depth of 2738 feet and water having been encountered in the oil zone which was encountered from 2673 feet to 2705 feet.

15.

That T. B. Knox has heretofore drilled a well located in the northwest corner of the Northwest Quarter of the Northeast Quarter (NW $\frac{1}{4}$ NE $\frac{1}{4}$) of Section 14, Township 18 South, Range 29 East, N. M. P. M., Eddy County, New Mexico, known as the Branscum State No. 1, said well having failed to produce commercially, the oil zone having been encountered from 2634 feet to 2651 feet.

16.

That petitioner has heretofore drilled a well located in the northwest corner of the Northwest Quarter of the Southeast Quarter (NW $\frac{1}{4}$ SE $\frac{1}{4}$) of Section 11, Township 18 South, Range 29 East, N. M. P. M., Eddy County, New Mexico, known as the State No. 6, which well failed to produce oil, but did produce approximately seven million feet of gas from a zone located from 2610 feet to 2650 feet.

17.

That the information which has been obtained from the locations of the wells heretofore mentioned which failed to produce from the Loco Hills horizon, together with the information obtained from the Geochemical Report, hereafter referred to, convinces Petitioner that a location at a point permitted by the rules and regulations of the Commission would result in the discovery of water in the Loco Hills horizon; that a well located at the regular location would fail to produce oil in commercial quantities; and that unless a location is made at the point described heretofore in this Petition, said location being closer to the boundary lines of said tract than the present rules and regulations of the Commission permit, commercial production would not be discovered.

18.

That Petitioner has had a geochemical survey made and a Geochemical Report made on the area under consideration by the Geochemical Service Corporation of Tulsa, Oklahoma; that in connection with said survey twelve soil samples covering the area were sent to the said Geochemical Service Corporation in order to determine what location should be made in order to encounter local sand production in the North One-half of the Southeast Quarter ($N\frac{1}{2}SE\frac{1}{4}$) of Section 11, Township 18 South, Range 29 East, N. M. P. M., Eddy County, New Mexico; that the report made on the basis of said survey, is in part, as follows:

***In geochemical (soil analysis) mapping, it has been observed that hydrocarbon values are found high at the margin of production in such a way as to form a band of high values

sometimes called a halo surrounding the producing area. Sometimes production will reach into this band and sometimes it will stop just short of it. The halo band may be wide or it may be narrow, depending upon the nature of the production. Sometimes the band may be less than 500 feet wide; at other times it may reach one-fourth, one-half mile or more in width. In order to obtain a clear picture of a producing area, obviously the work should be carried on in detail until the entire area is surrounded and mapped.

The values over production as well as the values in a dry spot are lower than those within the halo band so that without the halo pattern it is difficult to distinguish between dry and producing areas unless other information is available to tell which side of a fractional halo band is the productive side. Fortunately, in this case the record of wells gives us that information.

The attached chemomap shows the hydrocarbon values in PPB (parts per billion) together with the location of each of the analyses. It will be observed that the dry hole has a value of one and the samples taken at the oil and gas wells range in value from one to seven. Two high value points were found. In the northeast corner of the $SE\frac{1}{4}$ of Section 11 a value of 150 PPB occurs and northwest of it a value of 22 PPB is found. These two points would appear to be on a halo band which must separate production to the west from the dry hole in Section 12. This halo band is sketched in between the wells in Section 11 and the dry hole in Section 12, but no sample was taken at that point to substantiate that interpretation.

It would appear from the present work that the northeast corner location of the $N\frac{1}{4}$ of the $SE\frac{1}{4}$ of Section 11 would lie in the halo band and should be an unfavorable location for an oil or gas well. The location west of that would be marginal but probably should produce. The location west of the latter should be a productive location. The location with the value of seven in the southwest corner of the $NE\frac{1}{4}$ of the $SE\frac{1}{4}$ of Section 11 should produce though it is not certain which direction the halo band takes from the point at which we register 150 PPB."

The attached chemomap, marked Exhibit "A" indicates the hydrocarbon value in parts per billion together with the location of each of the analyses.

19.

That in order to avoid the hazard of drilling a dry hole and to make the production of oil as certain as possible, Petitioner desires to drill a well located at the proposed location stated in this Petition.

20.

That Bert Aston and R. W. Fair are the record owners of the oil and gas leasehold estates embracing the South One-Half of the Northeast Quarter ($S\frac{1}{2}NE\frac{1}{4}$) and the South One-Half of the Southeast Quarter ($S\frac{1}{2}SE\frac{1}{4}$) of Section 11, Township 18 South, Range 29 East, N. M. P. M., Eddy County, New Mexico, which said tracts offset the tract under consideration, and that they have consented to the drilling of a well at the proposed location; and that Dixon & Yates Oil Company is the owner of the oil and gas leasehold estates embracing the Southwest Quarter of the Northwest Quarter ($SW\frac{1}{4}NW\frac{1}{4}$) and the West One-Half of the Southwest Quarter ($W\frac{1}{2}SW\frac{1}{4}$) of Section 12, Township 18 South, Range 29 East, N. M. P. M., Eddy County, New Mexico, which said tracts offset the tract under consideration, and that it has given its consent to the drilling of a well at the proposed location.

21.

That it will be to the interest of Petitioner and to the interest of the particular institution of the State of New Mexico, which is the fee owner of the land under consideration, to have said well located at a point which will as nearly as possible assure the production of oil in commercial quantities.

That in consideration of the foregoing statements, the Petitioner has attached hereto a plat which is marked Exhibit "B", showing the locations of the present producing wells, the depth at which they are producing, the locations of the dry holes and the proposed location; and said Petitioner respectfully requests the Commission to give notice as provided by the rules and regulations of the Commission; that a hearing on this matter be held at the earliest possible date; that said Petitioner be permitted to submit proof in support of this Petition; and that the Commission make and execute all necessary and proper orders in consideration of the premises.

Keith F. Quail
 Keith F. Quail - Attorney for
 Petitioner

STATE OF NEW MEXICO Ø
 : ss
 COUNTY OF EDDY Ø

Comes now Keith F. Quail, attorney for the foregoing Petitioner, C. N. Bassett, who being first duly sworn, states that he has read the foregoing Petition; that the matters and things therein stated are true and correct to the best of his information and belief; and that he makes this verification for and on behalf of said Petitioner for the reason that said Petitioner is not in the County for said purposes.

Keith F. Quail

Subscribed and sworn to before me this 23rd day of August, A. D., 1941.

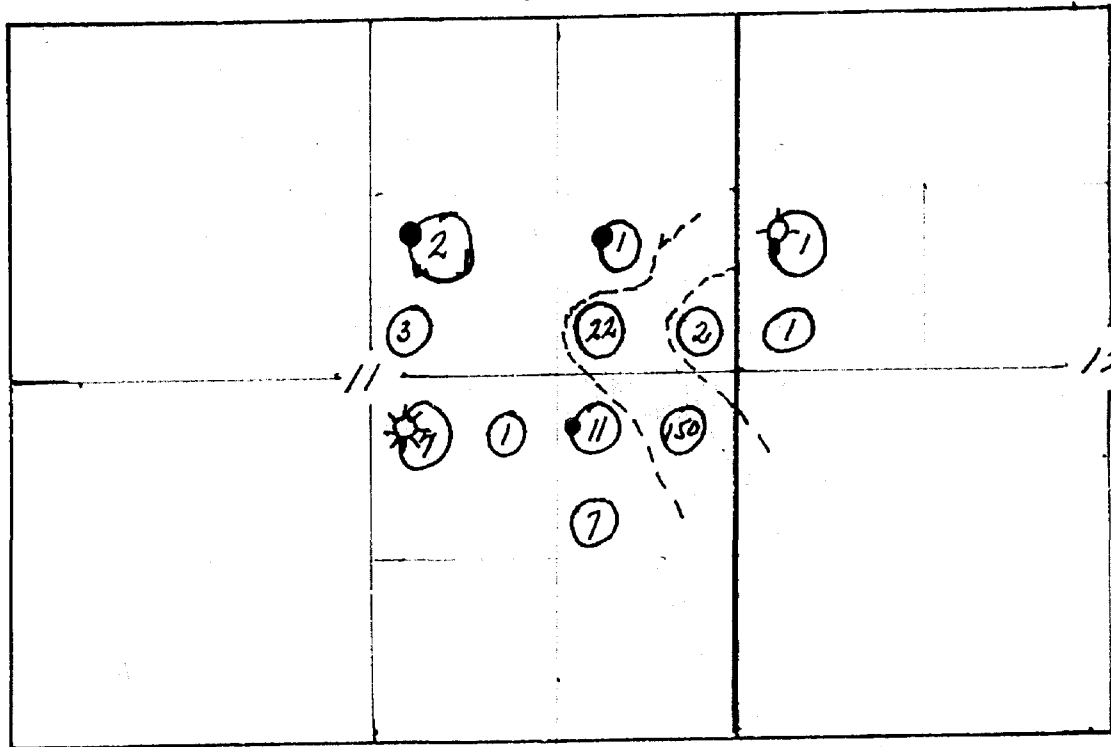
Joseph D. Anderson
 Notary Public

My commission expires:

Oct 15, 1941

Exhibit - "A"

R-29-E

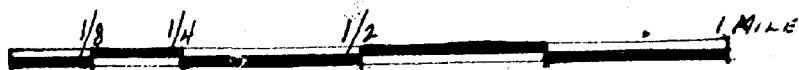


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18
5

LIQUID HYDROCARBON CHROMATOP

1600 ACRES AREA

FOR
PASSETT AND BISHOP

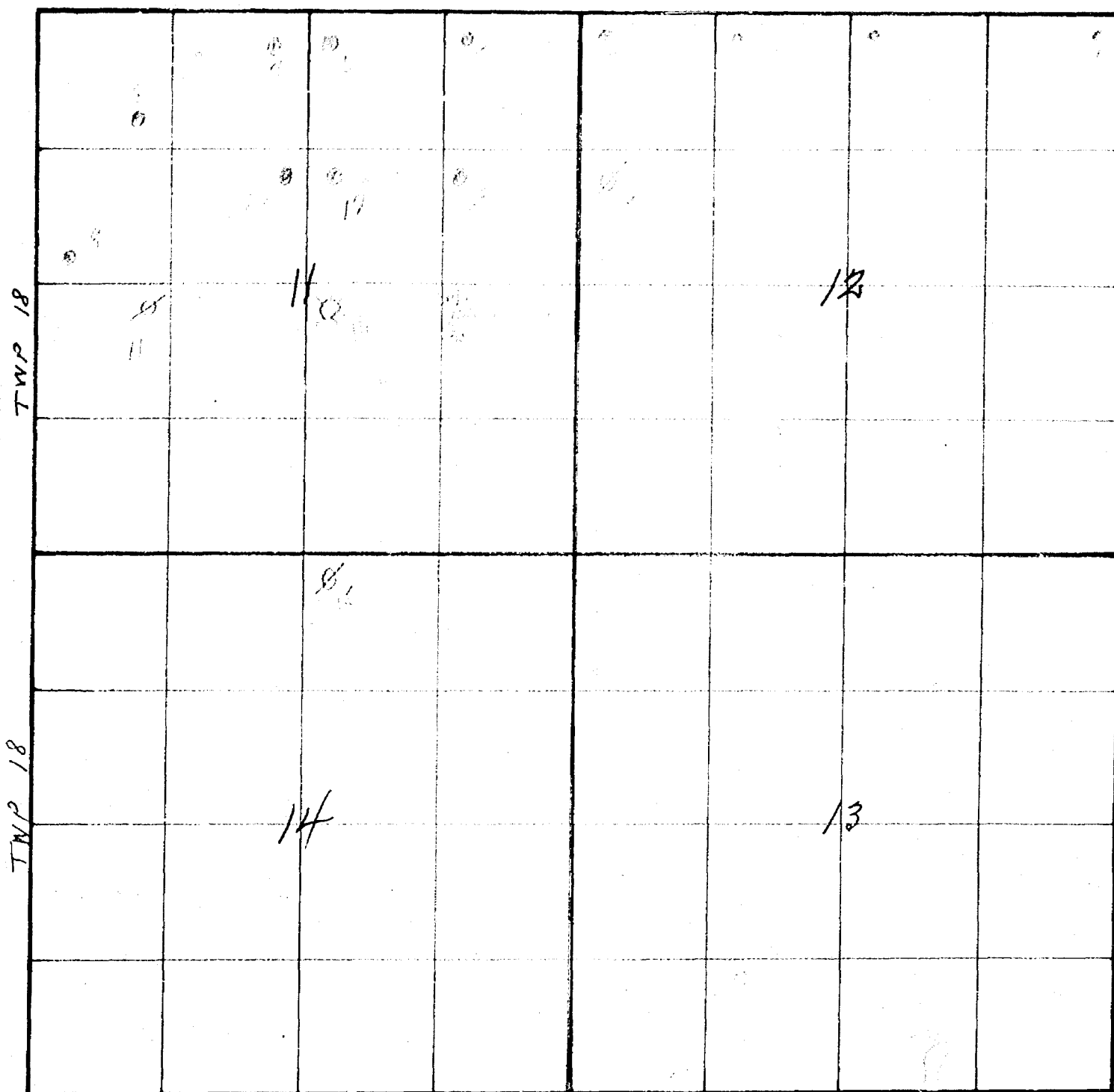


Legend

- (22) HYDROCARBON VALUE P.P.B.
- OIL WELL
- ☼ GAS WELL
- DRY HOLE

GEOCHEMICAL SERVICE CORP.,
Tulsa, Okla. July 1941

Range 29



Oil Well

Dry Hole

Gas Well

- 1 - Dixon & Yates, Saunders No. 1, El. 3543, Hor. from 2803 to 2823
- 2 - Dixon & Yates, Saunders No. 2, Hor. from 2714 to 2738
- 3 - Frank Montgomery, Saunders No. 1, Hor. from 2656 to 2686
- 4 - Frank Montgomery, Saunders No. 2, Hor. from 2645 to 2675
- 5 - Allen, Fair & Pope, State B. No. 2, El. 3517, Hor. from 2651 to 2672
- 6 - Allen, Fair & Pope, State B. No. 1, El. 3523, Hor. from 2645 to 2669
- 7 - Continental-Yates, Brainard No. 1, El. 3531, Hor. from 2642 to 2670
- 8 - Continental-Yates, Brainard No. 2, El. 3518, Hor. from 2626 to 2641
- 9 - Continental-Yates, Brainard No. 3, El. 3518, Hor. from 2644 to 2656
- 10 - Continental-Yates, Brainard No. 4, El. 3513, Hor. from 2629 to 2651
- 11 - Continental-Yates, Brainard No. 5, El. ? Hor. from 2645 to 2683, plugged 2832
- 12 - Aston & Fair, State No. 1, El. 3511, Hor. from 2631 to 2653
- 13 - Aston & Fair, State No. 2, El. 3517, Hor. from 2658 to 2668
- 14 - Dixon & Yates, Saunders No. 3, Hor. from 2673 to 2705, drilled to 2738
- 15 - T. B. Knox, Branscum State No. 1, Hor. from 2634 to 2651, plugged
- 16 - Bassett & Birney et al, State No. 5, Hor. from 2610 to 2650, gas only
7,000,000 cu. ft.

June 1859

Reminding Arthur Osgood to receive
of