

EXAMINER HEARING
OIL CONSERVATION COMMISSION
May 6, 1959

IN THE MATTER OF: Case 1658

TRANSCRIPT OF PROCEEDINGS

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EXAMINER HEARING
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
May 6, 1959

IN THE MATTER OF:

Application of Continental Oil Company
for a non-standard gas proration unit.
Applicant, in the above-styled cause,
seeks the establishment of a 320-acre
non-standard gas proration unit in the
Jalmat Gas Pool consisting of the NE/4 Case 1653
of Section 28 and the NW/4 of Section 27,
Township 23 South, Range 36 East, Lea
County, New Mexico, said unit to be dedi-
cated to applicant's Lynn A-28 Well No.
5 located 660 feet from the North and
East lines of said Section 28.

BEFORE:

Elvis A. Utz, Examiner

TRANSCRIPT OF PROCEEDINGS

MR. UTZ: The next case will be 1653.

MR. PAYNE: Case 1653: Application of Continental
Oil Company for a non-standard gas proration unit.

MR. KELLAHIN: May the record show the same appear-
ances as in the two preceding cases. We will have Mr. Queen as
a witness.

JOHN A. QUEEN

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

1. The first part of the paper discusses the importance of the study of the history of the United States.

2. The second part of the paper discusses the importance of the study of the history of the United States.

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13. The thirteenth part of the paper discusses the importance of the study of the history of the United States.

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DIRECT EXAMINATION

BY MR. KELLAHIN:

Q Will you state your name, please?

A John A. Queen.

Q Are you the same Mr. Queen who testified in Cases 1651 and 1652?

A I am.

Q Are you familiar with the application in Case 1653?

A I am.

Q Will you state briefly what is proposed in this application?

A Yes, sir, but I would like to pass out the exhibits before we do that. They are in order as will be presented.

(Continental Oil Company's
Exhibits Nos. 1, 2, 3 and 4
marked for identification.)

This is the application of Continental Oil Company for approval of 320-acre non-standard gas proration unit consisting of the Northwest Quarter of Section 27 and the Northeast Quarter of Section 28, Township 23 South, Range 36 East, in the Jalmat Pool, in lieu of the present 160-acre unit consisting of the Northwest Quarter of Section 28, for its Lynn A-28 Well No. 5 located 660 feet from the North and East lines of Section 28, Township 23 South, Range 36 East.

Q Now referring to what has been marked as Exhibit No. 1, will you state what that shows?

Introduction

1. The purpose of this study is to

investigate the effects of the

experimental conditions on the

results of the study.

2. The study was conducted

in the following manner:

3. The results of the study are

presented in the following

sections of the report.

4. The study was

conducted in the following manner:

5. The results of the study are

presented in the following

sections of the report.

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conducted in the following manner:

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conducted in the following manner:

9. The results of the study are

presented in the following

sections of the report.

10. The study was

conducted in the following manner:

11. The results of the study are

presented in the following

sections of the report.

A Exhibit No. 1 is a location and ownership plat of the proposed unit and the immediately surrounding area. The proposed unit, consisting of the Northwest Quarter of Section 27 and the Northeast Quarter of Section 28, is shown outlined in red. The Lynn A-28 No. 5 is circled in red. The present unit assigned to this well, consisting of the Northeast Quarter of Section 28, is outlined in green, as are other approved Jalmat gas units for the immediate surrounding areas. Jalmat gas wells to which these surrounding units are allocated are circled in brown, as are the areas to be completely enclosed by Jalmat gas units.

Q Explain Exhibit No. 2, will you, Mr. Queen?

A Exhibit No. 2 is a structure plat of the same area shown on Exhibit 1, showing the configuration of the top of the Yates formation, the lines representing fifty foot intervals of structural relief. The proposed unit is outlined in red, and the Lynn A-28 No. 5 is circled in red. Other Jalmat gas wells are shown in green, and based on the information shown in this plat, the Northwest Quarter of Section 27 is undoubtedly gas productive.

Q Are there any other Jalmat oil wells in this area?

A Yes, the J. T. Lynn A-27 No. 1 located in the Northwest Quarter of the Northwest Quarter of Section 27 was reclassified as a Jalmat oil well from a Jalmat gas well on January the 29th, 1958.

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that well?

A The J. T. Lynn No. 1 has produced approximately 500 barrels of oil per month, 29 gravity oil for the past two months.

Q Now have you examined the Commission records, Mr. Queen, in regard to dual dedication of acreage to gas and oil in the Jalmat Pool?

A We have, and we found one hundred twenty-one instances in the Jalmat Pool where there is dual dedication of oil and gas to the same acreage.

Q Referring to what has been marked as Exhibit 3, would you state what that is?

A Exhibit No. 3 is a copy of the radioactive log of the Lynn A-28 No. 5 showing the top of the Yates and the top of the Seven Rivers formations, the perforated intervals and the location of the production packer and completion information on the well. This is a dually completed well.

Q Now referring to what has been marked as Exhibit No. 4, will you state what that is?

A Exhibit No. 4 is Form C-122-C showing the deliverability of the Lynn A-28 No. 5 at eighty percent shutin pressure. This was the test conducted in March of 1958. There has been a later test conducted, however it has not been calculated and submitted, and therefore we are submitting the 1958 test.

Q In your opinion is the well to which this acreage

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is proposed to be dedicated capable of producing the allowable?

A Very definitely.

Q Is the acreage proposed to be dedicated to the well in your opinion productive of gas from the Jalmat Gas Pool?

A Yes, sir.

Q Were Exhibits 1 through 4, inclusive, prepared by you or under your direction and supervision?

A They were.

MR. KELLAHIN: We would like to offer at this time the Exhibits 1 through 4, inclusive.

MR. UTZ: Without objection Exhibits 1 through 4 will be accepted.

MR. KELLAHIN: That's all the questions I have.

MR. UTZ: Are there questions of the witness?

MR. PAYNE: Yes, sir.

MR. UTZ: Mr. Payne.

CROSS EXAMINATION

BY MR. PAYNE:

Q Mr. Queen, is the South Half of Section 27 dedicated to a Jalmat well?

A Yes, it is. It is dedicated to the Gaekel Combest No. 1 located in the East Half of the Southeast Quarter of Section 27.

Q To the best of your knowledge, is that well capable of producing a 320-acre allowable in the Jalmat?

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Journal of Interpersonal Violence 26(10) 1978-1997
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1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971) using a Shimadzu 1010 UV-Visible Spectrophotometer.

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (A), 10⁷ cells/ml (B), 10⁸ cells/ml (C), and 10⁹ cells/ml (D). The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (A), 10⁷ cells/ml (B), 10⁸ cells/ml (C), and 10⁹ cells/ml (D). The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (A), 10⁷ cells/ml (B), 10⁸ cells/ml (C), and 10⁹ cells/ml (D). The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (A), 10⁷ cells/ml (B), 10⁸ cells/ml (C), and 10⁹ cells/ml (D).

• *Wissenschaftliche Grundlagen der Betriebswirtschaftslehre*

Journal of Management Studies, 19(6), 707-728.

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1. *Journal of the American Medical Association*, 2000; 283: 2686-2692.

the \mathcal{H}_2 norm of the error signal $\|e\|_2$ is bounded by the \mathcal{H}_2 norm of the disturbance $\|d\|_2$ multiplied by the \mathcal{H}_2 norm of the transfer function $\|G\|_2$ from d to e . The \mathcal{H}_2 norm of the transfer function G is the square root of the sum of the squares of the singular values of G . The singular values of G are the square roots of the eigenvalues of G^*G . The eigenvalues of G^*G are the eigenvalues of the matrix Φ in the state-space representation of G . The \mathcal{H}_2 norm of G is the square root of the trace of Φ . The \mathcal{H}_2 norm of G is a measure of the energy of the system. The \mathcal{H}_2 norm of G is a measure of the energy of the system. The \mathcal{H}_2 norm of G is a measure of the energy of the system.

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The diagram illustrates the experimental setup. A participant is seated at a table, looking at a video screen. A camera is positioned above the screen. A target is placed on the table. A horizontal arrow indicates the direction of movement. A vertical arrow indicates the direction of the video feedback. A horizontal arrow indicates the direction of the video feedback. A vertical arrow indicates the direction of the video feedback. A horizontal arrow indicates the direction of the video feedback. A vertical arrow indicates the direction of the video feedback.

Figure 1 consists of two scatter plots. The left plot shows a positive correlation between the number of children and the number of children in the household. The right plot shows a negative correlation between the number of children and the number of children in the household.

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[illegible]

Figure 1. The effect of the concentration of the H_2O_2 solution on the amount of the released H_2O from the H_2O_2 -loaded hydrogel. The amount of the released H_2O was measured at 37°C for 24 h. The concentration of the H_2O_2 solution was 0.01, 0.05, 0.1, 0.5, and 1.0 wt. %.

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[illegible]

A I'm not capable of saying that, I do not know.

Q Now this location of the well that you propose to dedicate would actually be 660 from the North and 1980 from the West, would it not, assuming you look at your proposed unit and not at the section line?

A I believe it would be more than 1980 from the West if it was looked at in that sense.

Q What I'm getting at is Order R-520 provides that you can dedicate administratively 320 acres to a well if located 1980 and 660, so that this well should not be looked at as being 660, 660?

A That is correct.

Q Now are these two 160-acre tracts that you propose to dedicate to this well, are they all part of the same lease?

A They are part of the same basic lease, yes, sir.

Q Then the ownership is all common in the 320 acres?

A That is correct.

MR. PAYNE: I believe that's all.

MR. UTZ: Any other questions of the witness? If not, the witness may be excused.

(Witness excused.)

MR. KELLAHIN: If the Commission please, I would like to make a brief statement in regard to the question that has been raised as to the dedication of the acreage in view of the well location in the two cases involved here. I call the

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1. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$ (1 out of 4) = 25%

• *Chlorophyll a* (Chl *a*) is the primary photosynthetic pigment in all photosynthetic organisms. It is a green pigment that absorbs light energy in the blue and red regions of the visible spectrum. Chl *a* is the most abundant pigment in the chloroplasts of green plants and algae.

Commission's attention to the fact that in the application the well location is clearly stated, and the application is for dedication of the additional acreage to the well as it is located, and in my opinion, I think the application is certainly sufficient and broad to include within its framework approval of the well location. I don't believe it would be expanding the scope of the hearing in any sense of the word if such approval automatically followed by approval of the unit as proposed.

MR. PAYNE: I agree with you, Mr. Kellahin, in view of the fact that the well to be dedicated, the location of that well is shown in the advertisement.

MR. KELLAHIN: Yes, sir.

MR. UTZ: Any other statements to be made in this case? If not, the case will be taken under advisement.

We'll take a ten minute recess.

(Recess).

Figure 1. The effect of the concentration of the H_2O_2 solution on the amount of the H_2O_2 consumed in the reaction.

of the energy of the γ ray E_{γ} and the mass m of the particle.

and the other two are the same as in the previous case.

[illegible]

Figure 1. The effect of the concentration of the H_2O_2 solution on the amount of the released H_2O_2 from the H_2O_2 -loaded hydrogel. The amount of the released H_2O_2 was measured by the amount of the released H_2O_2 from the H_2O_2 -loaded hydrogel. The amount of the released H_2O_2 was measured by the amount of the released H_2O_2 from the H_2O_2 -loaded hydrogel.

[illegible]

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The number of transformed cells was determined by the number of colonies obtained on the selective medium. The results are the mean of three independent experiments. Error bars represent the standard deviation.

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Lichtenthaler and Whistler (1973).

¹ This is similar to the work of H. J. van den Hul and J. A. M. J. van den Hul, 1963.

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C E R T I F I C A T E

STATE OF NEW MEXICO)
) ss
COUNTY OF BERNALILLO)

I, ADA DEARNLEY, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Proceedings was reported by me in Stenotype and that the same was reduced to typewritten transcript under my personal supervision and contains a true and correct record of said proceedings, to the best of my knowledge, skill and ability.

DATED this 8th day of May, 1959, in the City of Albuquerque, County of Bernalillo, State of New Mexico.

Ada Dearnley

NOTARY PUBLIC

My Commission Expires:

June 19, 1959.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 1653, heard by me on May 8, 1959.
[Signature], Examiner
New Mexico Oil Conservation Commission

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