

Case No.

1498

Application, Transcript,
Small Exhibits, Etc.

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

IN THE MATTER OF:

CASE NO. 1498

TRANSCRIPT OF HEARING

DEARNLEY - MEIER & ASSOCIATES
GENERAL LAW REPORTERS
ALBUQUERQUE NEW MEXICO
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SEPTEMBER 10, 1958

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BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
SEPTEMBER 10, 1958

IN THE MATTER OF:

CASE 1498 Application of El Paso Natural Gas Company
for permission to conduct maximum pressure
build-up tests and for the non-cancellation
and/or transfer of allowables for test wells.
Applicant, in the above-styled cause, seeks
an order authorizing it to conduct maximum
pressure build-up tests on seventeen gas
wells in the Aztec-Pictured Cliffs, Ballard-
Pictured Cliffs, Fulcher Kutz-Pictured Cliffs,
South Blanco-Pictured Cliffs, and Blanco
Mesaverte Gas Pools in San Juan and Rio Ar-
riba Counties, New Mexico. Applicant further
requests the non-cancellation of allowable
accruing to test wells during the test period
and for authority to transfer said allowables
to other wells on the same basic lease, and
for such other relief as is necessary to
properly conduct said tests.

BEFORE:

Mr. Daniel S. Nutter, Examiner.

TRANSCRIPT OF PROCEEDINGS

MR. NUTTER: The next case on the docket is Case 1498.

MR. PAYNE: Application of El Paso Natural Gas Company for
permission to conduct maximum pressure build-up tests and for the
non-cancellation and/or transfer of allowables for test wells.

MR. WHITWORTH: For the record, I am Gary Whitworth, repre-
senting El Paso Natural Gas Company. The witness in the case is Mr.

David Rainey.

(Witness sworn)

DAVID RAINNEY,

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

DIRECT EXAMINATION

BY MR. WHITWORTH:

Q Will you please state your full name?

A David H. Rainey.

Q By whom and in what capacity are you employed?

A El Paso Natural Gas Company, as administrative assistant
in the proration department.

Q Are you familiar with the application filed in this case?

A Yes, sir, I am.

Q What is the purpose of this application?

A In this application El Paso seeks permission to conduct
maximum pressure tests in the San Juan Basin area of San Juan and
Rio Arriba Counties, necessary for the purpose of obtaining reser-
voir information.

Q Now, I notice attached to the application is Exhibit A.

Did you prepare that Exhibit?

A Yes, sir.

Q What does it purport to show?

A Exhibit A is a list of the wells -- the fields in which those
wells are presently designated, and the location of those wells,
the wells we are seeking permission to conduct maximum pressure

build-up tests on.

Q And this Exhibit contains all of the wells which are the subject of this application?

A Yes, sir.

Q Does El Paso operate these wells and the leases on which they are located?

A Yes, sir.

Q Now, why does El Paso wish to conduct maximum pressure build-up tests with respect to these wells?

A Well, in the San Juan Basin area there is a seven-day shut-in pressure required in connection with the permeability tests, and it has been our experience this seven-day pressure is not the maximum build-up that these wells will obtain. This application is for the purpose of obtaining maximum pressure build-up on these wells for the pressure build-up information.

Q Have these tests been conducted before?

A Yes, sir.

Q Were they conducted last year?

A Tests had been conducted in '56 and '57, and we propose to conduct these in 1958.

Q Now, is the order -- go ahead.

A These wells on this application, for the main part, are the same wells, with two or three exceptions, that were tested in 1956.

Q Is the order that El Paso seeks in this application similar to the order that has been issued previously by this Commission?

A Yes, sir. Specifically Case No. 1270 from which Order R-1065 was written in October of 1957 is the identical order that El Paso is seeking in this case with the exception that the wells -- the wells listed in Order 1065 should be changed in the Order. We are now seeking to include the wells in this application.

Q By the way, have you testified before this Commission before as an expert, Mr. Rainey?

A Yes, sir.

MR. WHITWORTH: We ask that Mr. Rainey's qualifications be accepted.

MR. NUTTER: They are. You may proceed.

Q How does El Paso propose to obtain this reservoir information?

A El Paso proposes to shut these wells in and place a seal on the valves in such a manner that the wells cannot be inadvertently turned on and take periodic pressure readings with a dead weight pressure gauge.

Q How long a period of time do you estimate it would take El Paso to conduct these tests?

A It is anticipated that we should be able to complete all these tests within a one year period from the date of issuance of any order on this application.

Q Is it possible it may require a longer period of time?

A It is possible. It is hard to determine until we have shut them in for a considerable period of time to determine the

exact period of time that would be involved.

Q And if it does require an additional period of time, you will need an extension of time, is that correct?

A That's correct. Order 1065 issued last year provides for administrative approval for extension of time in which to complete the tests, and we are seeking the same type of provision in this Order.

Q In your opinion, would the taking of these tests create or constitute any waste or violate or prejudice anybody's correlative rights?

A No, sir.

Q Are you familiar with Order R-333-C and D.--

A Yes, sir.

Q -- of this Commission?

A Yes, sir.

Q Would you tell briefly what that Order contains?

A R-333-C and D, as amended by 333-E, is an Order in the San Juan Basin providing the annual deliverability tests on wells in that area.

Q Now, in your opinion, should the wells that are shut in for the purpose of conducting these tests be excepted from the requirements of this Order, R-333-C-D, as amended by E?

A Yes, sir.

Q How does El Paso propose that wells that are shut in for the purpose of being tested, and that have been assigned an allowable

prior to the effective date of any Order that this Commission may make, pursuant to El Paso's application, be handled with respect to allowables?

A El Paso proposes that the allowables on these wells continue to be assigned in, and using the latest deliverability test today available. I might point out at this time that all of these wells have previously been tested in 1958, so that if we can complete these tests within a one-year period, we would have an up-to-date deliverability test on which to assign 1959 allowables.

Q Was that the way it was handled by the Order of last year?

A Yes, sir.

Q What is the recommendation of El Paso with respect to transfer of allowables that accrued in any of these shut-in wells?

A El Paso proposes that at the end of the test on these wells, that allowables be permitted to be transferred to the offset wells which are shown on another Exhibit that we have and that of the allowable which is accrued to the shut-in might be transferred or it might be produced from the test well itself at the end of the testing period.

Q You mentioned another Exhibit. These wells are shown on the Exhibits you mentioned?

A Yes, sir. It is Exhibit B, which is comprised of seventeen parts, and each part is two pages, the first page of which is a well completion data sheet on each of the proposed test wells, and shows at the bottom of the sheet the offset wells on the same

basic lease. The second part, or each second page of each part is a plat showing the location of the test well and the offset wells. I might point out at this time that the test well is indicated by a square around it, and the offset wells have a circle around them.

Q Now, this Exhibit is designated B and each of the parts are numbered, is that right, each of the parts?

A I don't believe we actually have them numbered on the sheets themselves, but I think all of the Exhibit -- all of the copies of the Exhibit we have presented here are in the same order, so if we can number them --

Q The first one pertains to Aztec-Pictured Cliffs?

A Yes, sir.

Q And that would be El Paso's Exhibit B-1, is that correct?

A Yes, sir.

Q And the others would be numbered consecutively through seventeen, is that right?

A Yes, sir, and each portion of that Exhibit will have two pages.

Q I wonder if we could go through those?

A All right.

Q Would you explain each Exhibit?

A All right. The first Exhibit -- the first portion of Exhibit B is El Paso Natural Gas Company's Lackey 5-B in the Aztec-Pictured Cliffs Pool. No. 2, the El Paso Natural Gas Company's McConnell No. 5 in the Ballard-Pictured Cliffs Pool.

MR. NUTTER: I think in the interest of saving time, Mr. Rainey, I think you can call off the name of the well without the company, even, and the Exhibit No.

A All right.

MR. UTZ: What was the name of the last one?

A McConnell 5. The McManus No. 10. B-4 is the Atlantic No. 5; B-5 is the Fields No. 1. No. 5 is the Fields No. 1. No. 6 is the Fields No. 5; No. 7 is the Gartner No. 4. No. 8 is the Grambling No. 3. No. 9 is the Howell 3-A. No. 10, the Mansfield 4. No. 11, the Prichard 2-1. No. 12 is the San Juan 28-7 Unit No. 49. No. 13 the San Juan 32-9 Unit No. 29. No. 14 is the Stewart No. 4. No. 15 is the Wilson 30-6 Unit No. 6. No. 16 is the Rowley No. 4, and No. 17 is the Jicarilla 5-B.

I might point out, if I may, before the question comes up, in some instances we show offset wells that don't have the same lease name as the test well. If the Examiner desires it, I have the Federal or State lease number for each one of these leases, and for some reason or other, at the time we drilled these wells, we didn't name them all the same, but they are on the same basic lease, and I have the Federal or State lease, if it is necessary to show that.

MR. NUTTER: I don't believe that will be necessary, sir.

Q Now, in your opinion, will the acreage that is dedicated to each of these wells that will be shut in for testing be drained by adjoining wells during the test period?

A It is quite possible, but the acreage on which the adjoin-

ing wells is drilled has common ownership, so it essentially will be the same final arrangement as if it were produced from the test wells.

Q What action does El Paso request the Commission take during the test period with respect to the overage and underage provisions in the Commission's rules governing respective pools in which the wells covered by this application are located?

A El Paso proposes that the appropriate underage and overage and balancing provisions of the field rules concerned be suspended until the end of the proration period following the proration period in which the tests are completed. This provision is in compliance with the Order that was issued last year, that is Order R-1065.

Q What does El Paso request of the Commission with respect to substitute tests for the purpose of obtaining reservoir information?

A It's conceivable when we shut these wells in and have had them shut in for some period of time that we will have some doubts as to the correctness of the build-up on these wells, and we may need to substitute some other well in the immediate area of that particular test well. And we are requesting administrative approval for the substitution of any additional test in case that contingency arises. That, again, is in accordance with the provisions of Order R-1065.

Q Now, are any of the wells that are listed on Exhibit 1 presently shut in for maximum pressure build-up tests?

A Yes, sir. I have a memorandum from our Farmington office dated September 5th, and they -- in that they advise me that all these wells have been tested and that at the time they were shut in for the seven-day pressure build-up in accordance with the deliverability testing procedures, that these wells were -- have remained shut in since that time. Nearly all of these wells were shut in on approximately July the 31st, and they have remained shut in since that time.

Q How long do you estimate that they will be -- remain shut in?

A Well, it is estimated it will take anywhere from six months to a year to complete these tests. Seals have been placed on these wells, at the Commission's wish. We will be glad to furnish them with the numbers of those seals and any other evidence that they deem appropriate to indicate that the wells have been shut in and remain shut in.

Q Do you have anything that you would like to add to your testimony that I may have omitted?

A I think not. I believe we covered it pretty well. As I stated previously, we are seeking an order exactly like Order R-1065, which was issued last year for a similar type build-up.

Q You personally prepared all of these Exhibits, didn't you?

A They were prepared under my direction, yes, sir.

MR. WHITWORTH: We ask that the Exhibits be accepted.

MR. NUTTER: Let's see. You first had Exhibit A --

A Exhibit A, which was attached to the application.

MR. NUTTER: -- and Exhibit B-1 through B-17, right? Is there objection to El Paso's Exhibits A and B-1 through B-17? If not, they will be received in evidence. Does anyone have any questions of Mr. Rainey?

MR. UTZ: I have some questions.

MR. NUTTER: You may proceed.

CROSS EXAMINATION

BY MR. UTZ:

Q Mr. Rainey, in this request, have you asked for anything different than Order R-1065?

A No, sir. We are asking for exactly the same type of order.

Q In reference to the administrative approval of test wells, are you referring to Paragraph 7 of 1065, which is on Page 9?

A Yes, sir.

Q As I interpret that, it means that within the framework of the same basic lease in the immediate area surrounding this application that you might have administrative approval to add to or delete transfer wells or shut-in wells?

A Yes, sir, if I might clarify the --

Q But not administrative approval for any other area?

A If I might clarify the purpose of these tests. If you will note from the various Exhibits, these wells are pretty well scattered over the entire basin, and what we are trying to obtain is average shut-in pressures, maximum shut-in pressures over the entire basin.

so that if we lose one of these tests, or one of the wells shows evidence that it is not going to give us a proper build-up, we will, of course, not take a well in the same general area, so that we will have a spread over the whole basin to test, and that is the purpose of that substitution clause in there.

Q Mr. Rainey, have you completed any of the build-up communications tests authorized in 1065?

A Yes, sir, we have. My recollection is that there are twenty-four wells in that order, and we completed approximately twenty of them. I had been advised by our reservoir office in Houston that they are at the present time endeavoring to analyze the data obtained, and there are three or four wells on test, and as soon as they had completed that and had had sufficient time to analyze them, we'll file the data with the Commission in compliance with Rule 10 of Order 1065.

Q How long do you think it will be before you file completion dates?

A Did you say dates or data?

Q Dates.

A We can file completion dates at any time the Commission desires them. I have been preparing some letters at the present time. I don't have them today, but I have been preparing letters to apply for the transfer of allowables based on the August 1st status just recently passed.

Q That's the very point I am coming to.

A Yes, sir. We are preparing to make application for the transfer of allowables based on the August 1st status as soon as we have all the data available.

Q You have three or four out of the way --

A No, sir. Some of the wells were completed in 1955, in the latter part of 1957, and the Order provides that we have the end of the proration period following the proration period in which the tests are completed, so that this will take care, as I recall, of approximately half of the test wells -- of the tests. Then we have until, as I understand the Order, until February 1st, 5 -- I mean '59 -- to complete trying to bring into balance the remainder of these tests, which would be the end of the proration period following the period in which the tests were completed. In other words, some of the tests were completed after February 1st, 1958.

MR. UTZ: Well, that's something we can discuss outside of this hearing.

Q Are any of these wells, Mr. Rainey, that you are applying for build-up of pressures now -- build-up tests now, included in 1065 or any other subsequent orders?

A There are three of the wells, I believe, and I haven't analyzed it completely, but it is my recollection that there are about three of the wells in Order 1065 which were never shut in for tests which we are currently applying for in this application so that we can test them this year.

Q Do you know what those wells are?

A I can go through it right quickly, I believe, and find them.

Q If you don't know --

A I don't know offhand. I will be glad to furnish the Commission that information later. The Atlantic 5 is one. The Howell 3-A is one. The McMams No. 10 is one. I believe those are all. No, the Rowley No. 4 was never shut in. That's four of them.

Q The McMams No. 10?

A Yes, sir, McMams 10 and Rowley No. 4.

Q I believe you stated that all of the wells which you list here as the wells on the same basic lease, as the shut-in wells, are the wells to which you intend to transfer allowables?

A Any or all of those wells, yes, sir.

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

MR. NUTTER: Any further questions of Mr. Rainey?

MR. PAYNE: I have a question.

MR. NUTTER: Go ahead.

QUESTIONS BY MR. PAYNE:

Q Mr. Rainey, did you find it necessary after the entry of Order R-1065, I believe it is, to utilize this administrative procedure contained in Paragraph 7 of the Order?

A No, sir, we did not.

MR. PAYNE: Thank you.

MR. NUTTER: Any further questions?

QUESTIONS BY MR. NUTTER:

Q Mr. Rainey, I note that the application in Paragraph 8

states that the applicant should be permitted to transfer the allowables which accrue to any shut-in well during its testing period to any other well or wells. Now, you haven't actually requested that at this hearing today, have you? You asked that you be permitted to transfer the allowable to certain wells or the alternative?

A Any other wells or wells on the same basic lease, and the wells listed on the various portions of Exhibit B are the other wells on the same lease.

Q Are they all of the wells on the same basic lease?

A All the offset wells on the same basic lease. The application should say offset wells on the same basic lease.

MR. NUTTER: Mr. Whitworth, would you amend your application at this time to read like that?

MR. WHITWORTH: We will amend the application to that effect, Mr. Nutter, to add the word "offset" in front, between the words "other" and "well."

Q (By Mr. Nutter) And then in the alternative -- in the event that these particular wells that you have listed on these B Exhibits cannot handle all of the transferred allowables, then you would ask administrative authority to add wells to the list of wells which are on the allowables?

A No, sir, that's not the intention. These wells shown on Exhibit B are on the basic lease.

Q What is the administrative authority sought?

A The administrative authority sought is to transfer the

allowable accrued to the test well to any and all of these offset wells, or in the alternative to allow it, if we complete the test in time, and the test well is of sufficient capacity to produce its own allowable, to produce it from the test well, possibly.

Q In other words, you don't want to substitute any of the wells which will receive allowable as listed on your Exhibit, on your B Exhibit?

A No, sir, other than as we have pointed out the possibility that we may need to change the test wells. If we change the test well, it will, of course, be -- we would, of course, of necessity have to possibly change one of the offset wells to that test well, which is, as I understand it, provided for in Paragraph 7 of Order R-1065, which provides that no well -- wait a minute -- "that the Commission be and the same hereby authorized to administratively approve the substitution of wells to, designated to participate in any of the tests listed in this order, provided that no well shall be designated as a transfer well which is not on the same basic lease and an offset well as the shut-in well." I believe that that would give the Commission power to, if we do substitute a test well, to further give us the power to further substitute transfer wells for that test well.

Q Would this Order more correctly state "provided that no well shall be designated as a transfer well which is not on the same basic lease and an offset well to the shut-in well?"

A We would have no objection to that change.

MR. NUTTER: Any further questions of Mr. Rainey?

MR. UTZ: One further question.

MR. BUTTER: Go ahead.

QUESTIONS BY MR. UTZ:

Q Mr. Rainey, in the event you complete a new well on the same basic lease offsetting the shut-in well, is it your desire to have administrative approval to approve that as a transfer well?

A In that event, my recommendation, Mr. Utz, is that there are -- that in the areas of these test wells the field is pretty well developed, and I think that is a pretty remote contingency. I don't believe there are any open drilling locations surrounding these test wells. It is our further feeling that we have enough transfer wells to probably handle the allowable even in the event that we did, but it is conceivable that we would request such an additional well.

MR. UTZ: That's all I have.

QUESTIONS BY MR. FISCHER:

Q Mr. Rainey, these dates shown on the shut-in of the wells on Exhibit B, those shut-in days, was that the completed build-up?

A Mr. Fischer, that's a little bit misleading, I am afraid, on this particular Exhibit. That is the original shut-in pressure on that well at the time the well was completed and that was the number of days that we shut-in to obtain those pressures shown. Those pressures shown are the completion pressures on these wells, they are not the build-up pressures.

Q Well, then, in just about every well, the number of days

shut in that you think you'll need for this requested test period will be longer?

A Yes, sir, it is anticipated, and our past experience has indicated that it takes anywhere from six months to twelve months for maximum build-up for wells in San Juan Basin area.

Q What are your reasons for choosing these particular wells? Do you have any particular reason?

A For one thing, these wells are wells which were tested in 1956 for the most part. For another thing, they are wells that we picked that did have a number of offset wells on the same basic lease. They further gave us a pretty good spread over the whole basin to be able to arrive at a basin-wide pressure.

MR. FISCHER: That's all.

QUESTIONS BY MR. NUTTER:

Q Mr. Rainey, refer, please, to your Exhibit No. B-10 --

A Yes, sir.

Q -- in which the Mansfield No. 4 Well is to be shut in, and there are no wells to which to transfer the allowable. What do you expect should be the thing to apply in this case, only that the allowable not be cancelled?

A Yes, sir. That well, if you note, has a current deliverability of 1,627 MCF and it is our feeling that it has sufficient deliverable capacity to make up the underage that may be accrued during the time it is tested, and make it up during a six months' period.

Q So, the only recommendation sought in this case is that the allowable not be cancelled?

A Yes, sir.

Q Now, refer, please, to your Exhibit B-17.

A Yes, sir.

Q I note that you have included among the wells which would receive the allowable, the Jicarilla 1-B in the NW/4 of Section 28.

A Yes, sir.

Q Does this well appear in a location that would be an offset location --

A Well, --

Q -- to the 5-B?

A Well, in many instances, and this may have occurred on some of these other Exhibits, we have picked the nearest well which had been drilled in surrounding areas that was on the same basic lease. Technically speaking, that 1-B is not a direct offset. However, this particular area is developed on 320-acre spacing. It's in the southeast edge of the South Blanco-Pictured Cliffs Pool. All pool rules provide for 160-acre development. This area is actually developed on 320, so in the northwest direction that would be the nearest offset.

Q Well, inasmuch as all of these other transfer wells are direct offsets and also inasmuch as you have some very good wells to which the allowable can be transferred, would El Paso have objection to the deletion of the No. 1-B to the transfer list in the

case of the Jicarilla well?

A As you have pointed out, there are several wells with sufficient deliverability capacity, and we have no objection to the removal of i-B on Exhibit 17.

Q Now, you stated that the working interest ownership and royalty ownership were identical in each case in which the allowable will be transferred --

A Yes, sir.

Q -- is there any diversity of any interest whatsoever, including overriding royalty interests?

A I have been advised by our Land Department who furnished me this information that there is complete similarity of ownership and royalty interests on each of these offset wells.

Q Throughout?

A Yes, sir.

MR. NUTTER: Any further questions of Mr. Rainey? If not, he may be excused.

A If I might make one statement to clarify a question Mr. Utz asked a moment ago. Mr. Utz, if you will refer to Rule 3 of Order R-1065 on Page 9, that was the provision that I was referring to when I made the statement previously that we had the end of the proration period following the proration period in which the test was completed, and which to either transfer allowables or make up the underproduction on the test well. It says, "however, that the said wells shall be subject to the provisions of the aforementioned

rules," which is the overage and underage and balancing rules of the appropriate field rules," after the end of the six-month proration period following the proration period during which the test is completed."

MR. UTZ: Yes, sir, that's true. If you will read Rule 2, it also states that, "if the proposed transfer is approved by the Commission, the transfer shall be effected upon completion of the test or upon receipt of the deliverability test for the shut-in well, whichever date is later." That's the only point I made of this.

A All right, sir.

Q Transfer at the completion of the test and still have a period to make it?

A Yes, sir.

MR. NUTTER: If there are no further questions of Mr. Rainey, he may be excused.

(Witness excused)

MR. NUTTER: Does anyone have anything further they wish to offer in Case 1498?

MR. PAYNE: I have a statement to read, Mr. Examiner, "Re: Case 1498. Gentlemen: Aztec Oil and Gas Company has received a copy of El Paso Natural Gas Company's application for an order of the Commission to allow it to make maximum build-up pressure tests and provide for noncancellation and/or transfer of allowables of the test wells. The Company offsets the proposed shut-in test wells

in the Aster Pictured Cliffs Pool and four of the proposed shut-in test wells in the Blanco Mesaverde Pool.

"Astec Oil & Gas Company has no objection to the granting of the application so made by El Paso Natural Gas Company and, in fact, we urge that the Commission grant such request. Yours very truly,
Q. B. Davis"

MR. MUTTER: If there is nothing further in Case 1498, we will take the case under advisement and take a ten-minute recess and then take Case 1499.

STATE OF NEW MEXICO)
) ss
 COUNTY OF BERNALILLO)

I, J. A. TRUJILLO, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me in stenotype and reduced to typewritten transcript by me and/or under my personal supervision; that the same is a true and correct record, to the best of my knowledge, skill and ability.

WITNESS my Hand and Seal this 22nd day of Sept, 1958, in the City of Albuquerque, County of Bernalillo, State of New Mexico.

J. A. Trujillo
 Notary Public

My Commission Expires:

October 5, 1960.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 1498 heard by me on 7-10, 1958.

[Signature], Examiner
 New Mexico Oil Conservation Commission

OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

February 24, 1959

C
O
P
Y

Mr. D. H. Rainey
El Paso Natural Gas Company
P.O. Box 1492
El Paso, Texas

Dear Mr. Rainey:

We enclose a copy of Order R-1300-A, Nunc Pro Tunc,
issued February 18, 1959, by the Oil Conservation Commission
in Case 1498.

Very truly yours,

A. L. Porter, Jr.
Secretary - Director

bp
Encl.

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 1498
Order No. R-1300-A

APPLICATION OF EL PASO NATURAL
GAS COMPANY FOR AN ORDER AUTHORIZING
MAXIMUM PRESSURE BUILD-UP TESTS AND
FOR THE NON-CANCELLATION AND/OR
TRANSFER OF ALLOWANCES FOR WELLS
INVOLVED IN SUCH TESTING PROGRAM IN
FIVE GAS POOLS IN SAN JUAN AND RIO
ARRIBA COUNTIES, NEW MEXICO.

NUNC PRO TUNC

BY THE COMMISSION:

It appearing to the Commission that Order No. R-1300, dated December 17, 1958, does not correctly state the intended order of the Commission in three particulars, due to applicant's error in well designation,

IT IS THEREFORE ORDERED:

1. That the transfer well designated as El Paso - Lackey No. 4-B, Unit A, S 20, T-26N, R-9W on page 2 of Order No. R-1300 be changed to read El Paso - Lackey No. 1-B, Unit B, S 20, T-26N, R-9W.
2. That the transfer well designated as El Paso - Payne No. 2, Unit C, S 13, T-26N, R-9W on page 3 of Order No. R-1300 be changed to read El Paso - McConnell No. 2, Unit C, S 13, T-26N, R-9W.
3. That the transfer well designated as El Paso - Fields No. 1, Unit G, S 20, T-32N, R-11W on page 4 of Order No. R-1300 be changed to read El Paso - Fields No. 3, Unit G, S 20, T-32N, R-11W.
4. That the corrections set forth in this order be entered nunc pro tunc as of December 17, 1958.

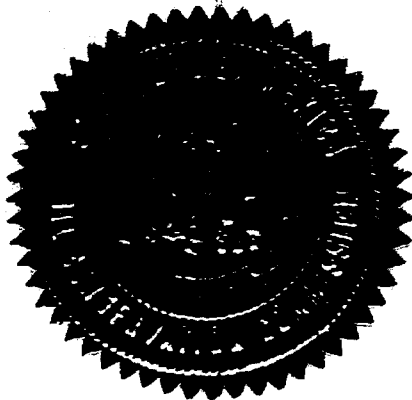
DONE at Santa Fe, New Mexico on this 18th day of February, 1959.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

John Burroughs
John Burroughs, Chairman

Murray E. Morgan
Murray E. Morgan, Member

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



El Paso Natural Gas Company

El Paso, Texas

February 9, 1959

El Paso June?
Em

Mr. E. A. Utz
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Re: Case No. 1498
Order No. R-1300

Dear Elvis:

In accordance with your instructions to John Mason, this is to advise that certain of the transfer wells in the above-styled pressure build-up test case were erroneously designated by El Paso. Therefore, it is requested that the following changes be made in Order No. R-1300:

<u>Test Well</u>	<u>Presently Designated Transfer Well</u>	<u>Change Transfer Well To</u>
Lackey No. 5-B Unit P, 20, T-28N, R-9W	Lackey No. 4-B Unit A, 29, T-28N, R-9W	Lackey No. 1-B Unit B, 20, T-28N, R-9W
McConnell No. 5 Unit C, 24, T-26N, R-9W	Payne No. 2 Unit O, 13, T-26N, R-9W	McConnell No. 2 Unit O, 13, T-26N, R-9W
Fields No. 5 Unit L, 28, T-32N, R-11W	Fields No. 1 Unit G, 29, T-32N, R-11W	Fields No. 3 Unit G, 29, T-32N, R-11W

The new wells are operated under the same basic lease as the respective test wells. Please note that the locations for the McConnell No. 2 and Fields No. 3 are identical with those of the originally designated transfer wells and the well name and numbers were erroneously taken from a small scale base map. The Lackey No. 4-B, dually completed in the Mesa Verde and the Chacra, was inadvertently chosen as a transfer well for a Pictured Cliffs test well.

Mr. P. A. Utz
February 9, 1959
Page Two.

If there is any other information that you need, please advise us.

Yours very truly,

A handwritten signature in dark ink, appearing to read "D. H. Rainey". The signature is fluid and cursive, with a large, sweeping initial "D".

D. H. Rainey
Administrative Assistant

DHR:jmh

Western Natural Gas Company

1006 MAIN STREET

Houston 2, Texas

ADDRESS CORRESPONDENCE TO
663 HIGHLAND TOWER BUILDING
MIDLAND, TEXAS

Western Natural Gas Co.
211½ West Main
Farmington, New Mexico
February 11, 1959

New Mexico Oil Conservation Commission
P. O. Box 1721
Santa Fe, New Mexico

Attention: Mr. Elvis Utz

Dear Mr. Utz:

Western Natural Gas Company wishes at this time to apply for a change in status on the Nordhaus Federal #3 well located in SW/4 of NE/4 of sec. 17, T25N, R7W, Rio Arriba County, New Mexico. An Initial Deliverability test form C-122-A (Blue form) was submitted on 8-29-58 which showed the well to have a calculated deliverability of 4.23 MCFPD. Therefore, based on the well's inability to produce, we seek to have the well reclassified as a marginal well making it exempt from taking the Annual Deliverability test.

Thank you for your consideration.

Very truly yours

Calvin M. Rayes

Petroleum Engineer

Western Natural Gas Company

cc: Mr. Emery Arnold
N. Mex. Oil Conservation Commission
Aztec, New Mexico

Paul Wright
Wendell Cook
File

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

P.O. Box 871

Santa Fe, New Mexico

December 18, 1958

**Mr. Ben Howell
El Paso Natural Gas Company
P.O. Box 1492
El Paso, Texas**

Dear Mr. Howell:

**We enclose two copies of Orders R-1300 and R-1303
issued December 17, 1958, by the Oil Conservation Commission
in Cases 1498 and 1560, respectively.**

Very truly yours,

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

**bp
Encls.**

C
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Y

**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. 1498
Order No. R-1300**

**APPLICATION OF EL PASO NATURAL
GAS COMPANY FOR AN ORDER AUTHORIZING
MAXIMUM PRESSURE BUILD-UP TESTS AND
FOR THE NON-CANCELLATION AND/OR
TRANSFER OF ALLOWABLES FOR WELLS
INVOLVED IN SUCH TESTING PROGRAM IN
FIVE GAS POOLS IN SAN JUAN AND RIO
ARRIBA COUNTIES, NEW MEXICO.**

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on September 10, 1958, at Santa Fe, New Mexico, before Daniel S. Hutter, Examiner duly appointed by the New Mexico Oil Conservation Commission, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 17th day of December, 1958, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Hutter, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, El Paso Natural Gas Company, seeks an order approving maximum pressure build-up tests on 17 gas wells in the Blanco Mesaverte, Aztec-Pictured Cliffs, Ballard-Pictured Cliffs, Fulcher Huts-Pictured Cliffs, and the South Blanco-Pictured Cliffs Gas Pools in San Juan and Rio Arriba Counties, New Mexico, and further authorizing the non-cancellation and/or transfer of allowables for said wells and for administrative approval for the substitution of other wells for those authorized by this order.

(3) That there is a need for the reservoir information that the proposed maximum pressure build-up tests would provide.

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Case No. 1498
Order No. R-1200

(4) That the proposed tests would not cause waste nor violate correlative rights.

(5) That the proposed tests should be authorized.

(6) That all shut-in wells should be excepted from the requirements of Order R-333-C and D during the time that maximum pressure build-up tests are being conducted.

(7) That any shut-in well which has not been assigned an allowable prior to the effective date of this order should be assigned an allowable from the date of connection to a transportation facility, provided said date is not more than forty-five days prior to the beginning of the test.

(8) That the applicant should be permitted to transfer the allowable which accrues to the shut-in well during the test to certain other wells on the same basic lease; and further, that any such allowable which is not so transferred should be considered to have accrued on the date the test is completed.

(9) That the underage and overage balancing provisions of Rules 6 and 7 of Order R-128-D, Rules 11 and 12 of Order R-545-C and R-546, as all of said rules are amended by Order R-967, should be suspended for all affected shut-in and transfer wells until the end of the six-month proration period following the proration period during which the test is completed.

IT IS THEREFORE ORDERED:

1. That authority be and the same is hereby granted to conduct maximum pressure build-up tests on the wells hereinafter designated as the "Shut-In Well" and to transfer any allowables accruing to said wells during the tests to one or more of the wells designated as "Transfer Well" for the same test, subject to the provisions of Paragraph 2 of this order:

AYTIC-PICTURED CLIFFS GAS POOL

SHUT-IN WELL

El Paso - Lackey No. 5-B
Unit P, S 20, T-28N, R-9W

TRANSFER WELL

El Paso-Lackey No. 3-B
Unit D, S 20, T-28N, R-9W

El Paso-Lackey No. 4-B
Unit A, S 20, T-28N, R-9W

El Paso-Lackey No. 6-B
Unit D, S 21, T-28N, R-9W

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Case No. 1494
Order No. R-1300

ATTECO-PICTURED CLIFFS GAS POOL

TRANSFER WELL

El Paso-Lockey No. 8-B
Unit M, S 20, T-20N, R-0W

El Paso-Lockey No. 9-B
Unit M, S 21, T-20N, R-0W

MALLARD-PICTURED CLIFFS GAS POOL

SHUT-IN WELL

El Paso-McConnell No. 3
Unit C, S 24, T-20N, R-0W

El Paso-McConnell No. 10
Unit A, S 4, T-20N, R-0W

TRANSFER WELL

El Paso-Payne No. 2
Unit O, S 13, T-20N, R-0W

El Paso-McConnell No. 4
Unit K, S 24, T-20N, R-0W

El Paso-Payne 1-A
Unit M, S 13, T-20N, R-0W

El Paso-McConnell No. 2
Unit F, S 4, T-20N, R-0W

El Paso-McConnell No. 3
Unit J, S 20, T-20N, R-0W

El Paso-McConnell No. 5
Unit J, S 4, T-20N, R-0W

El Paso-McConnell No. 9
Unit H, S 23, T-20N, R-0W

El Paso-McConnell No. 13
Unit H, S 4, T-20N, R-0W

BLANCO MESA-VERMILION GAS POOL

SHUT-IN WELL

El Paso-Atlantic No. 5
Unit A, S 22, T-31N, R-10W

TRANSFER WELL

El Paso-Atlantic No. 6
Unit L, S 22, T-31N, R-10W

El Paso-Atlantic No. 8
Unit M, S 23, T-31N, R-10W

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Case No. 1498
Order No. B-1200

EL PASO HERAVENDE GAS POOL

SHUT-IN WELL

El Paso-Fields No. 1
Unit A, S 25, T-32N, R-11W

El Paso-Fields No. 5
Unit L, S 28, T-32N, R-11W

El Paso-Gartner No. 4
Unit H, S 28, T-30N, R-6W

El Paso-Grubling No. 3
Unit H, S 23, T-30N, R-6W

El Paso-Howell No. 2-A
Unit H, S 4, T-30N, R-6W

El Paso-Manfield No. 4
Unit A, S 29, T-30N, R-6W

El Paso-Frithard No. 2-1
Unit B, S 34, T-31N, R-6W

TRANSFER WELL

El Paso-Atlantic No. 7
Unit G, S 29, T-31N, R-10W

El Paso-Fields No. 2
Unit H, S 25, T-32N, R-11W

El Paso-Fields No. 1
Unit G, S 29, T-32N, R-11W

El Paso-Fields No. 4
Unit G, S 28, T-32N, R-11W

El Paso-Morton No. 1
Unit K, S 29, T-32N, R-11W

El Paso-Gartner No. 1
Unit H, S 28, T-30N, R-6W

El Paso-Gartner No. 3
Unit H, S 23, T-30N, R-6W

El Paso-Gartner No. 5
Unit H, S 27, T-30N, R-6W

El Paso-Grubling No. 1
Unit G, S 28, T-30N, R-6W

El Paso-Grubling No. 2
Unit G, S 27, T-30N, R-6W

El Paso-Howell No. 1-A
Unit G, S 6, T-30N, R-6W

El Paso-Howell No. 2-A
Unit H, S 5, T-30N, R-6W

El Paso-Woodriver No. 2
Unit G, S 9, T-30N, R-6W

(No wells on same basic lease)

El Paso-Frithard No. 2-2
Unit K, S 34, T-31N, R-6W

Case No. 1498
Order No. R-1390

BLANCO HERAVENDE GAS POOL

SHUT-IN WELL

El Paso-S.J. Unit 28-7 No. 45
Unit B, S 21, T-28N, R-7W

El Paso-S.J. Unit 28-8 No. 22
Unit H, S 26, T-28N, R-10W

El Paso-Stewart No. 4
Unit K, S 28, T-28N, R-10W

El Paso-Wilson 28-6 No. 8
Unit H, S 26, T-28N, R-7W

TRANSFER WELL

El Paso-S. J. Unit 28-7 No. 6
Unit H, S 16, T-28N, R-7W

El Paso-S. J. Unit 28-7 No. 47
Unit A, S 20, T-28N, R-7W

El Paso-S. J. Unit 28-7 No. 48
Unit L, S 21, T-28N, R-7W

El Paso-S. J. Unit 28-8 No. 9
Unit H, S 26, T-28N, R-10W

El Paso-S. J. Unit 28-8 No. 20
Unit B, S 26, T-28N, R-10W

El Paso-S.J. Unit 28-8 No. 24
Unit K, S 28, T-28N, R-10W

El Paso-S. J. Unit 28-8 No. 25
Unit G, S 2, T-28N, R-10W

El Paso-S. J. Unit 28-8 No. 26
Unit L, S 1, T-28N, R-10W

El Paso-S. J. Unit 28-8 No. 3
Unit A, S 1, T-28N, R-10W

El Paso-S. J. Unit 28-8 No. 32
Unit H, S 21, T-28N, R-9W

El Paso-S. J. Unit 28-8 No. 30
Unit H, S 26, T-28N, R-10W

El Paso-Stewart No. 3
Unit A, S 26, T-28N, R-10W

El Paso-Wilson 28-6 No. 1
Unit H, S 26, T-28N, R-7W

El Paso-Wilson 28-6 No. 4
Unit G, S 24, T-28N, R-7W

El Paso-Wilson 28-6 No. 5
Unit H, S 24, T-28N, R-7W

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Case No. 1498
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BLANCO MEAVERINE GAS POOL

TRANSFER WELL

El Paso-Wilson 30-6 No. 7
Unit H, S 35, T-35N, R-7W

FULCHER KYL-PICTURED CLIFFS GAS POOL

SHUT-IN WELL

El Paso-Bowley No. 4
Unit E, S 17, T-37N, R-10W

TRANSFER WELL

El Paso-Bowley No. 2
Unit L, S 8, T-37N, R-10W

El Paso-Bowley No. 3
Unit I, S 7, T-37N, R-10W

El Paso-Bowley No. 5
Unit K, S 17, T-37N, R-10W

El Paso-Bowley No. 6
Unit I, S 18, T-37N, R-10W

El Paso-Pipkin No. 3
Unit A, S 17, T-37N, R-10W

El Paso-Pipkin No. 4
Unit A, S 18, T-37N, R-10W

SOUTH BLANCO-PICTURED CLIFFS GAS POOL

SHUT-IN WELL

El Paso-Hearilla No. 5-B
Unit H, S 27, T-28N, R-4W

TRANSFER WELL

El Paso-Hearilla No. 2-B
Unit G, S 24, T-28N, R-4W

El Paso-Hearilla No. 3-B
Unit O, S 25, T-28N, R-4W

El Paso-Hearilla No. 4-B
Unit E, S 24, T-28N, R-4W

El Paso-Hearilla No. 6-B
Unit E, S 25, T-28N, R-4W

El Paso-Hearilla No. 7-B
Unit J, S 27, T-28N, R-4W

(2) That any operator desiring an allowable transfer as authorized above shall submit a request for the same to the Commission setting out the amount of allowable which he proposes to transfer and the name and location of the well or wells which are to receive the same. Such transfers must be to wells on the same basic lease as the shut-in well. If the proposed transfer is approved by the Commission, the transfer shall be effected upon completion of the test or upon receipt of the deliverability test for the shut-in well, whichever date is later.

(3) That the underage and overage provisions of Rules C and 7 of Order R-128-D and Rules 11 and 12 of Order R-565-C and R-846, as all of said orders are amended by Order R-967, shall be suspended for all affected shut-in and transfer wells listed herein insofar as concerns any overage or underage accrued to such wells at the time a test is commenced; provided, however, that said wells shall be subject to the provisions of the aforementioned rules after the end of the six-month proration period following the proration period during which the test is completed, and further, that any allowable which accrues to a shut-in well during a test which is not transferred as provided for in Paragraph 2 above shall be considered to have accrued to said shut-in well on the date the test is completed.

(4) That any transfer well which has not been connected to a transportation facility at the beginning of the test shall have its allowable assigned in accordance with the applicable proration order.

(5) That any shut-in well which has not been assigned an allowable prior to the effective date of this order shall be assigned an allowable from the date of connection to a transportation facility, provided said date is not more than forty-five days prior to the beginning of the test.

If, however, the shut-in well has not been connected to a transportation facility at the beginning of the test its allowable shall begin on the date when the well would have delivered gas into a transportation facility had the well not been shut-in, such date to be determined from an affidavit by the gas purchaser.

(6) That all shut-in wells be and the same are hereby excepted from the requirements of Order R-333-C and D until the date of first delivery of gas into a gas transportation facility after the completion of the test.

(7) That the Commission be and the same is hereby authorized to administratively approve the substitution of wells designated participate in any of the tests listed in this order, provided that no well shall be designated as a transfer well which is not on the same basic lease as the shut-in well.

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Case No. 1498
Order No. R-1300

(8) That in order to establish the starting date of any maximum pressure build-up test listed in this order, the operator shall notify the Santa Fe and Antec offices of the Commission at the time the well is shut-in and padlocked, which date shall be the starting date of the maximum pressure build-up tests. *Provided*, that any test started before the date of this order on which the operator can furnish adequate proof that the well has not been blown to the air or produced in any manner, may have the starting date of the test begin as of the date of the shutting-in of the test well.

(9) That the shut-in well on all tests listed in this order shall be padlocked in such a manner so as to definitely prevent the opening of any valve except during the taking of the pressure readings.

(10) That the results of all pressure readings on the above-described tests shall be filed with the Commission's Antec and Santa Fe offices within a reasonable time after the completion of the last test authorized herein. This data shall be filed in both tabular and graphic form and shall show the date that the test well was shut-in, the date and the pressure at each pressure reading, and the length of time that the well was shut-in prior to each reading. The graph shall depict the pressure build-up in pounds per square inch absolute plotted against shut-in time in days.

DONE at Santa Fe, New Mexico, on the day and year herein-
above designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



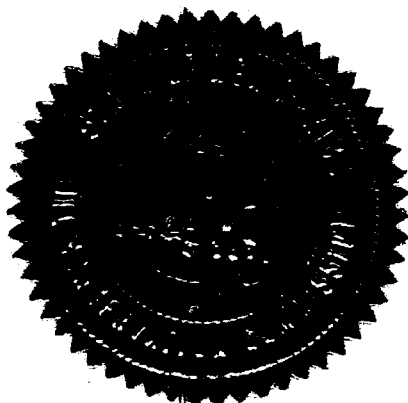
EDWIN L. NECHEN, Chairman



MURRAY E. MORGAN, Member



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



OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Date September 11, 1958

CASE NO. 1498

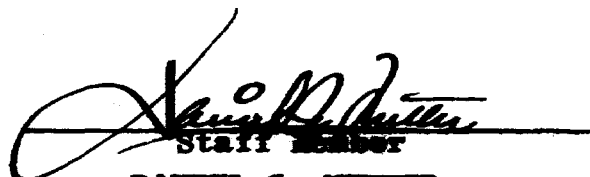
HEARING DATE 9/10/58 9 a.m. DSN Santa Fe

My recommendations for an order in the above numbered case(s) are as follows:

Enter an order authorizing El Paso Natural Gas Company to conduct maximum pressure build-up tests and also authorize the non-cancellation and/or transfer of allowables for test wells.

NOTE: Operator amended paragraph 8 of the application at the hearing to include the word "offset" in the second line of paragraph 8 between the words "other" and "well." Applicant also amended Exhibit B-17 to strike the Jicarilla No. 1-B.

The order which is to be entered in this case can be copied almost directly from Order No. B-1065.


Staff Member
DANIEL S. NUTTER

ir/

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. 1270
Order No. R-1065

APPLICATION OF EL PASO NATURAL GAS
COMPANY FOR AN ORDER AUTHORIZING
MAXIMUM PRESSURE BUILD-UP TESTS
AND FOR THE NON-CANCELLATION AND/OR
TRANSFER OF ALLOWABLES FOR WELLS
INVOLVED IN SUCH TESTING PROGRAM
IN CERTAIN GAS POOLS IN SAN JUAN
AND RIO ARriba COUNTIES, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 10 o'clock a.m., on June 25, 1957, at Farmington, New Mexico, before Warren W. Mankin, Examiner duly appointed by the New Mexico Oil Conservation Commission, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 3rd day of October, 1957, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Warren W. Mankin, and being fully advised in the premises,

FINDS:

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

(2) That the applicant, El Paso Natural Gas Company, seeks an order approving maximum pressure build-up tests on 26 gas wells in the Blanco Mesaverde, Aztec-Pictured Cliffs, Ballard-Pictured Cliffs, Fulcher Kutz-Pictured Cliffs, and the South Blanco-Pictured Cliffs Gas Pools in San Juan and Rio Arriba Counties, New Mexico, and further authorizing the non-cancellation and/or transfer of allowables for said wells and for administrative approval for the substitution of other wells for those authorized by this order.

(3) That there is a need for the reservoir information that the proposed maximum pressure build-up tests would provide.

ET. H.

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CASE NO. 1270
Order No. R-1065

(4) That the proposed tests would not cause waste nor violate correlative rights.

(5) That the proposed tests should be authorized.

(6) That all shut-in wells should be excepted from the requirements of Order R-333-C and D during the time that maximum pressure build-up tests are being conducted.

(7) That any shut-in well which has not been assigned an allowable prior to the effective date of this order should be assigned an allowable from the date of connection to a transportation facility, provided said date is not more than forty-five days prior to the beginning of the test.

(8) That the applicant should be permitted to transfer the allowable which accrues to the shut-in well during the test to certain other wells on the same basic lease; and further, that any such allowable which is not so transferred should be considered to have accrued on the date the test is completed.

(9) That the underage and overage balancing provisions of Rules 6 and 7 of Order R-128-D, Rules 11 and 12 of Order R-565-C and R-846, as all of said rules are amended by Order R-967, should be suspended for all affected shut-in and transfer wells until the end of the six-month proration period following the proration period during which the test is completed.

IT IS THEREFORE ORDERED:

1. That authority be and the same is hereby granted to conduct maximum pressure build-up tests on the wells hereinafter designated as a "shut-in well" and to transfer any allowables accruing to said wells during the tests to one or more of the wells designated as a "Transfer Well" for the same test, subject to the provisions of Paragraph 2 of this order:

BLANCO MESAVERDE GAS POOL
TEST MVBU #1

SHUT-IN WELL

✓ El Paso-Atlantic No. A-5
Unit L, S 26 T31N R 10W

TRANSFER WELL

El Paso - Atlantic No. 1-A
Unit H, S 27 T31N R10W

El Paso - Atlantic No. 9-A
Unit N, S 27 T31N R10W

TEST MVBU #2

✓ El Paso - Atlantic No. A-8
Unit A, S 29 T31N R10W

El Paso - Atlantic No. 7-A
Unit K, S 29 T31N R 10W

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CASE NO. 1270
Order No. R-1065

TRANS

TEST MVBU #3

None

El Paso - Barnes No. 7
Unit K, S 23 T32N R11W

TEST MVBU #4

El Paso - Barrett No. 2
Unit B, S 19 T31N R9W

El Paso-Barrett No. 3
Unit K, S 20 T31N R9W

El Paso - Barrett No. 4
Unit A, S 20 T31N R9W

TEST MVBU #5

El Paso - Case No. 2
Unit M, S 8 T31N R11W

El Paso - Case No. 1
Unit N, S 5 T31N R11W

El Paso - Case No. 4
Unit C, S 18 T31N R11W

El Paso - Case No. 3
Unit M, S 17 T31N R11W

TEST MVBU #6

El Paso - Gartner No. 2
Unit G, S 28 T30N R8W

El Paso - Gartner No. 1
Unit N, S 28 T30N R8W

El Paso - Gartner No. 5
Unit M, S 27 T30N R8W

El Paso - Gartner No. 4
Unit H, S 33 T30N R8W

TEST MVBU #7

El Paso - Howell No. A-3
Unit M, S 4 T30N R8W

El Paso - Howell No. 2-A
Unit N, S 5 T30N R8W

El Paso - Howell No. 1-A
Unit G, S 8 T30N R8W

El Paso - Howell No. 1-J
Unit L, S 3 T30N R8W

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CASE NO. 1270
Order No. R-1065

TEST MVBU #8

El Paso - Hughes No. 1
Unit M, S 19 T29N R8W

El Paso - Hughes No. 2
Unit A, S 19 T29N R8W

El Paso - Hughes No. 4
Unit M, S 20 T29N R8W

El Paso - Hughes No. 7
Unit M, S 29 T29N R8W

TEST MVBU #9

El Paso - Hughes No. A-3
Unit M, S 27 T29N R8W

El Paso - Hughes No. 5-A
Unit H, S 28 T29N R8W

El Paso - Hughes No. 2-A
Unit B, S 27 T29N R8W

El Paso - Hughes No. 14A
Unit A, S 33 T29N R8W

El Paso - Hughes No. 4-A
Unit A, S 34 T29N R8W

TEST MVBU #10

El Paso - Jones A No. 4
Unit B, S 13 T28N R8W

El Paso - Jones No. 6-A
Unit H, S 14 T28N R8W

El Paso - Jones No. 5-A
Unit K, S 13 T28N R8W

TEST MVBU #11

El Paso - Lucerne A No. 2
Unit B, S 9 T31N R10W

El Paso - Lucerne No. 3-A
Unit M, S 3 T31N R10W

El Paso - Lucerne No. 4-A
Unit H, S 10 T31N R10W

TEST MVBU #12

El Paso - (SJU 30-6) McElvain No. A-1
Unit A, S 23 T30N R7W

El Paso - McElvain No. 2-A
Unit K, S 23 T30N R7W

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CASE NO. 1270
Order No. R-1065

El Paso - McElvain No. 3-A
Unit H, S 24 T30N R7W

El Paso - McElvain No. 4-A
Unit K, S 24 T30N R 7W

El Paso - McElvain No. 5-A
Unit A, S 25 T30N RTW

TEST MVBU #13

None

El Paso - Mudge No. 6
Unit M, S 11 T31N R11W

TEST MVBU #14

El Paso - Riddle No. 2
Unit L, S 3 T30N R9W

El Paso - Riddle No. 1
Unit D, S 4 T30N R9W

TEST MVBU #15

El Paso - SJU 28-6 No. 30
Unit A, S 28 T28N R6W

El Paso - SJU 28-6 No. 60
Unit B, S 21 T28N R6W

El Paso - SJU 28-6 No. 61
Unit M, S 21 T 28N R6W

El Paso - SJU 28-6 No. 63
Unit L, S 22 T28N R6W

El Paso - SJU 28-6 No. 31
Unit M, S 28 T28N R6W

El Paso - SJU 28-6 No. 9
Unit M, S 27 T28N R6W

El Paso - SJU 28-6 No. 32
Unit A, S 33 T28N R6W

TEST MVBU #16

El Paso - SJU 28-6 No. 37
Unit K, S 6 T27N R 6W

El Paso - SJU 28-7 No. 34
Unit H, S 1 T27N R7W

El Paso - SJU 28-7 No. 35
Unit L, S 1 T27N R7W

-6-

CASE NO. 1270
Order No. R-1065

El Paso - SJU 28-6 No. 36
Unit B, S 6 T27N R6W

El Paso - SJU 28-6 No. 39
Unit N, S 5 T27N R6W

El Paso - SJU 28-6 No. 43
Unit A, S 7 T27N R6W

El Paso - SJU 28-6 No. 54
Unit N, S 7 T27N R6W

TEST MVBU #17

El Paso - SJU 28-7 No. 56
Unit M, S 13 T28N R7W

El Paso - SJU 28-7 No. 9
Unit M, S 14 T28N R7W

El Paso - SJU 28-7 No. 50
Unit A, S 23 T28N R7W

El Paso - SJU 28-7 No. 51
Unit B, S 24 T28N R7W

TEST MVBU #18

El Paso - Schwerdtfeger No. 2
Unit G, S 27 T31N R9W

None

TEST MVBU #19

El Paso - Vanderwart No. 5-A
Unit H, S 14 T29N R8W

El Paso - Vanderwart No. 1-A
Unit A, S 11 T29N R8W

El Paso - Vanderwart No. 2-A
Unit K, S 11 T29N R8W

El Paso - Vanderwart No. 3-A
Unit M, S 13 T29N R8W

AZTEC-PICTURED CLIFFS POOL
TEST PCBU #20

El Paso - Morris No. A-6
Unit L, S 21-T30N R11W

None

BALLARD-PICTURED CLIFFS POOL
TEST PCBU #21

-7-

CASE NO. 1279
Order No. R-1065

El Paso - McManus No. 10
Unit A, S 4 T25N R2W

El Paso - McManus No. 9
Unit M, S 33 T26N R2W

El Paso - McManus No. 3
Unit J, S 33 T26N R2W

El Paso - McManus No. 13
Unit N, S 4 T25N R2W

El Paso - McManus No. 2
Unit C, S 4 T25N R2W

TEST PCBU #22

El Paso - Quitman No. 9
Unit M, S 11 T25N R2W

El Paso - Quitman No. 6
Unit A, S 10 T25N R2W

El Paso - Quitman No. 10
Unit P, S 10 T25N R2W

El Paso - Quitman No. 2
Unit F, S 11 T25N R2W

El Paso - Quitman No. 3
Unit P, S 11 T25N R2W

El Paso - Quitman No. 8
Unit A, S 11 T25N R2W

TEST PCBU #23

El Paso - Wilson A-1
Unit D, S 33 T26N R2W

El Paso - Wilson 2-A
Unit K, S 32 T26N R2W

FULCHER KUTZ-PICTURED CLIFFS POOL
TEST PCBU #24

El Paso - Omler No. 8
Unit M, S 25 T28N R10W

El Paso - Omler No. 6
Unit B, S 25 T28N R10W

El Paso - Omler No. 7
Unit C, S 25 T28N R10W

El Paso - Omler No. 5
Unit O, S 25 T28N R10W

-8-

CASE NO. 1270
Order No. R-1065

El Paso - Omler No. 4
Unit E, S 36 T28N R10W

El Paso - Omler No. 2
Unit E, S 36 T28N R10W

TEST PCBU #25

El Paso - Rowley No. 4
Unit E, S 17 T27N R10W

El Paso - Rowley No. 2
Unit L, S 8 T27N R10W

El Paso - Rowley No. 3
Unit I, S 7 T27N R10W

El Paso - Rowley No. 5
Unit K, S 17 T27N R10W

El Paso - Rowley No. 6
Unit I, S 18 T27N R10W

El Paso - Pipkin No. 4
Unit A, S 18 T27N R10W

SOUTH BLANCO-PICTURED CLIFFS POOL
TEST PCBU #26

El Paso - Rincon No. 40
Unit H, S 26 T27N R7W

El Paso - Rincon Unit No. 22
Unit K, S 23 T27N R7W

El Paso - Rincon Unit No. 37
Unit K, S 26 T27N R7W

El Paso - Rincon Unit No. 38
Unit F, S 26 T27N R7W

El Paso - Rincon Unit No. 39
Unit F, S 26 T27N R7W

El Paso - Rincon Unit No. 18
Unit F, S 35 T27N R7W

El Paso - Rincon Unit No. 41
Unit A, S 35 T27N R7W

(2) That any operator desiring an allowable transfer as authorized above shall submit a request for the same to the Commission setting out the amount of allowable which he proposes to transfer and the name and location of the well or

wells which are to receive the same. Such transfers must be to wells on the same basic lease as the shut-in well. If the proposed transfer is approved by the Commission, the transfer shall be effected upon completion of the test or upon receipt of the deliverability test for the shut-in well, whichever date is later.

(3) That the underage and overage provisions of Rules 6 and 7 of Order R-128-D and Rules 11 and 12 of Order R-565-C and R-846, as all of said orders are amended by Order R-967, shall be suspended for all affected shut-in and transfer wells listed herein insofar as concerns any overage or underage accrued to such wells at the time a test is commenced; provided, however, that said wells shall be subject to the provisions of the aforementioned rules after the end of the six-month proration period following the proration period during which the test is completed, and further, that any allowable which accrues to a shut-in well during a test which is not transferred as provided for in Paragraph 2 above shall be considered to have accrued to said shut-in well on the date the test is completed.

(4) That any transfer well which has not been connected to a transportation facility at the beginning of the test shall have its allowable assigned in accordance with the applicable proration order.

(5) That any shut-in well which has not been assigned an allowable prior to the effective date of this order shall be assigned an allowable from the date of connection to a transportation facility, provided said date is not more than forty-five days prior to the beginning of the test.

If, however, the shut-in well has not been connected to a transportation facility at the beginning of the test its allowable shall begin on the date when the well would have delivered gas into a transportation facility had the well not been shut-in, such date to be determined from an affidavit by the gas purchaser.

(6) That all shut-in wells be and the same are hereby excepted from the requirements of Order R-333-C and D until the date of first delivery of gas into a gas transportation facility after the completion of the test.

(7) That the Commission be and the same is hereby authorized to administratively approve the substitution of wells designated to participate in any of the tests listed in this order, provided that no well shall be designated as a transfer well which is not on the same basic lease as the shut-in well.

(8) That in order to establish the starting date of any maximum pressure build-up test listed in this order, the operator shall notify the Santa Fe and Aztec offices of the Commission at the time the well is shut-in and padlocked, which date shall be the starting date of the maximum pressure build-up tests. Provided, that any test started before the date of this order on which the operator can furnish adequate proof that the well has not been blown to the air or produced in any manner, may have the starting date of the test begin as of the date of the shutting-in of the test well.

-10-

CASE NO. 1270

Order No. R-1065

(9) That the shut-in well on all tests listed in this order shall be padlocked in such a manner so as to definitely prevent the opening of any valve except during the taking of the pressure readings.

(10) That the results of all pressure readings on the above-described tests shall be filed with the Commission's Aztec and Santa Fe offices within a reasonable time after the completion of the last test authorized herein. This data shall be filed in both tabular and graphic form and shall show the date that the test well was shut-in, the date and the pressure at each pressure reading, and the length of time that the well was shut-in prior to each reading. The graph shall depict the pressure build-up in pounds per square inch absolute plotted against shut-in time in days.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

MURRAY E. MORGAN, Member

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

S E A L

ga

DOCKET: EXAMINER HEARING SEPTEMBER 10, 1958

Oil Conservation Commission 9 a.m., Mabry Hall, State Capitol, Santa Fe, New Mexico

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

CASE 1196:

Application of The Ibex Company for permission to expand a pilot water flood project in the Artesia Pool, Eddy County, New Mexico, and for six unorthodox well locations. Applicant, in the above-styled cause, seeks an order permitting the expansion of its Artesia Pilot Water Flood project No. 2, authorized by Order No. R-966 in the Artesia Pool, Eddy County, New Mexico, to include eight additional water injection wells in Sections 21 and 28 of Township 18 South, Range 28 East, Eddy County, New Mexico. Applicant further seeks an order authorizing six unorthodox well locations in said Sections 21 and 28.

CASE 1498:

Application of El Paso Natural Gas Company for permission to conduct maximum pressure build-up tests and for the non-cancellation and/or transfer of allowables for test wells. Applicant, in the above-styled cause, seeks an order authorizing it to conduct maximum pressure build-up tests on seventeen gas wells in the Aztec-Pictured Cliffs, Ballard-Pictured Cliffs, Fulcher Kutz-Pictured Cliffs, South Blanco-Pictured Cliffs, and Blanco Mesaverde Gas Pools in San Juan and Rio Arriba Counties, New Mexico. Applicant further requests the non-cancellation of allowable accruing to test wells during the test period and for authority to transfer said allowables to other wells on the same basic lease, and for such other relief as is necessary to properly conduct said tests.

CASE 1499:

Application of Sinclair Oil and Gas Company for a non-standard gas proration unit. Applicant, in the above-styled cause, seeks an order authorizing a 240-acre non-standard gas proration unit in the Tubb Gas Pool consisting of the SW/4 and the S/2 SE/4 of Section 26, Township 21 South, Range 37 East, Lea County, New Mexico, said unit to be dedicated to applicant's J. R. Cone "A" Well No. 1, located 660 feet from the South and West lines of said Section 26.

CASE 1500:

Application of Sinclair Oil and Gas Company for a non-standard gas proration unit. Applicant, in the above-styled cause, seeks an order authorizing a 200-acre non-standard gas proration unit in the Blinebry Gas Pool consisting of the SW/4 and the SW/4 SE/4 of Section 26, Township 21 South, Range 37 East, Lea County, New Mexico, said unit to be dedicated to the applicant's J. R. Cone "A" Well No. 2, located 1980 feet from the South line and 660 feet from the West line of said Section 26.

- CASE 1501:** Application of Continental Oil Company for a dual completion and for permission to commingle the liquids produced from two separate pools. Applicant, in the above-styled cause, seeks an order authorizing a gas-gas dual completion for its Britt B-15 Well No. 9, located 1980 feet from the South and East lines of Section 15, Township 20 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of gas from an undesignated Tubb Gas pool and the production of gas from an undesignated Blinebry gas pool. Applicant further seeks permission to commingle the liquids produced from said well from the two above-named pools.
- CASE 1502:** Application of The Pure Oil Company for an order authorizing a salt water disposal well. Applicant, in the above-styled cause, seeks an order authorizing the disposal of salt water through its State Lea "E" No. 1 Well, located 1980 feet from the North and East lines of Section 21, Township 16 South, Range 34 East, Lea County, New Mexico. Said well is a producing oil well in the Kernnitz-Cisco Pool and the applicant proposes to inject salt water through the annulus between the 8 5/8" and 5 1/2" casing. The proposed injection zone is from 4,527 feet to 9,450 feet.
- CASE 1503:** Application of The Pure Oil Company for permission to commingle the production from two separate oil pools. Applicant, in the above-styled cause, seeks an order authorizing the commingling of oil produced from the Kernnitz-Cisco Pool and the Kernnitz-Wolfcamp Pool on its State-Lea "E" Lease located in Section 21, Township 16 South, Range 34 East, Lea County, New Mexico. The applicant proposes to separately meter the production from each pool prior to commingling.
- CASE 1504:** Application of Gulf Oil Corporation for a dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its Learcy McBuffington Well No. 8, located 330 feet from the South line and 1980 feet from the West line of Section 13, Township 25 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Fusselman formation adjacent to the Justis-Fusselman Pool and oil from an undesignated Montoya pool through parallel strings of tubing.
- CASE 1505:** Application of Gulf Oil Corporation for a dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its Learcy McBuffington Well No. 9, located 1650 feet from the South line and 1980 feet from the West line of Section 13, Township 25 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Fusselman formation adjacent to the Justis-Fusselman Pool and oil from an undesignated Montoya pool through parallel strings of tubing.

CASE 1506:

Application of Gulf Oil Corporation for the creation of two non-standard gas proration units in the Tubb Gas Pool and two non-standard gas proration units in the Blinebry Gas Pool. Applicant, in the above-styled cause, seeks an order authorizing the creation of a 160-acre non-standard gas proration unit in both the Blinebry Gas Pool and in the Tubb Gas Pool, each to comprise the NE/4 SW/4, and W/2 SE/4 of Section 28 and the NW/4 NE/4 of Section 33, and to be dedicated to applicant's J. N. Carson "A" Well No. 4, located 554 feet from the South line and 2086 feet from the East line of said Section 28 and J. N. Carson "A" Well No. 6, located 2086 feet from the South and East lines of said Section 28 respectively. Applicant further seeks an order authorizing the creation of a 120-acre non-standard gas proration unit in both the Blinebry Gas Pool and in the Tubb Gas Pool, each to comprise the E/2 SE/4 of Section 28 and the NE/4 NE/4 of Section 33, and to be dedicated to applicant's J. N. Carson "C" Well No. 6, located 330 feet from the South line and 965 feet from the East line of said Section 28 and J. N. Carson "C" Well No. 3, located 640 feet from the South line and 660 feet from the East line of said Section 28 respectively, all of the above being in Township 21 South, Range 37 East, Lea County, New Mexico.

CASE 1507:

Application of Lea County Drip Company, Inc., for authority to construct and operate two waste oil treating plants. Applicant, in the above-styled cause, seeks an order authorizing it to construct and operate two treating plants in Lea County, New Mexico, to treat waste oil and tank bottoms collected from leases in Lea, Eddy, Chaves and Roosevelt Counties, New Mexico, said plants to be located at the following points:

- (1) Adjacent to the Shell Pipeline Company's Pipeline approximately three miles South of Hobbs, New Mexico.
- (2) Adjacent to the Shell Pipeline Company's Eunice Station approximately five miles West of Eunice, New Mexico.

August 25, 1958
ga

Case 1498

El Paso Natural Gas Company

MAIN OFFICE DCC

1958 AUG 13 PM 1:10
El Paso, Texas

August 12, 1958

PB +
noncancellation and/or
transfer of allow.

Mr. A. L. Porter
Director
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Porter:

I have enclosed three copies of El Paso Natural Gas Company's application for an order authorizing the conducting of maximum pressure build-up tests and the non-cancellation and /or transfer of allowables for wells involved in such testing pertaining to BLANCO-MESA VERDE, AZTEC-PICTURED CLIFFS, BALLARD-PICTURED CLIFFS, FULCHER KUTZ-PICTURED CLIFFS AND SOUTH BLANCO-PICTURED CLIFFS GAS POOLS, SAN JUAN AND RIO ARriba COUNTIES, NEW MEXICO.

We request that this matter be filed with the Commission and set for hearing.

Yours very truly,

Garrett C. Whitworth
Garrett C. Whitworth
Attorney

GCW:bp
Encl.

Docket Mailed
8-28-58
BP

BEFORE THE OIL CONSERVATION COMMISSION OF THE
STATE OF NEW MEXICO

STATE OF NEW MEXICO

1952 AUG 13 PM 1:10

IN THE MATTER OF THE APPLICATION
OF EL PASO NATURAL GAS COMPANY
FOR AN ORDER AUTHORIZING THE CON-
DUCTING OF MAXIMUM PRESSURE BUILD-
UP TESTS AND THE NONCANCELLATION
AND/OR TRANSFER OF ALLOWABLES FOR
WELLS INVOLVED IN SUCH TESTING PRO-
GRAM IN THE BLANCO-MESA VERDE,
AZTEC-PICTURED CLIFFS, BALLARD-
PICTURED CLIFFS, FULCHER KUTZ-
PICTURED CLIFFS AND SOUTH BLANCO-
PICTURED CLIFFS GAS POOLS, SAN JUAN
AND RIO ARriba COUNTIES, NEW MEXICO

Case No. 1478

APPLICATION

TO THE HONORABLE COMMISSION:

COMES NOW El Paso Natural Gas Company, hereinafter referred to as "Applicant",
and alleges and states that it is a Delaware corporation with a permit to do business in the
State of New Mexico;

I

That Applicant is the operator of oil and gas leases in the Blanco-Mesa Verde, Aztec-
Pictured Cliffs, Ballard-Pictured Cliffs, Fulcher Kutz-Pictured Cliffs and South Blanco-Pictured
Cliffs Gas Pools, as delineated by orders of this Commission, upon which said leases there are
presently located certain gas wells as described in Exhibit "A" attached hereto and made a part
hereof;

II

That there is a continuing need for reservoir information concerning said gas pools;

III

That Applicant proposes to obtain such reservoir information by shutting-in the wells
listed in Exhibit "A" hereto and conducting maximum pressure build-up tests with respect to
same, and that Applicant proposes to complete such tests within the twelve-month (12) period
commencing the date of issuance of the Commission's Order herein; provided, however, that
Applicant shall be permitted in its discretion to conduct such tests over shorter periods of time
where necessary, and provided further, that Applicant shall be permitted to conduct such tests
over a period of time less than twelve (12) months where necessary upon application filed with
the Commission, as required by the Secretary-Director of the Commission.

BEFORE THE OIL CONSERVATION COMMISSION OF THE
MAIN OFFICE OCC

STATE OF NEW MEXICO

1958 AUG 13 PM 1:10

IN THE MATTER OF THE APPLICATION
OF EL PASO NATURAL GAS COMPANY
FOR AN ORDER AUTHORIZING THE CON-
DUCTING OF MAXIMUM PRESSURE BUILD-
UP TESTS AND THE NONCANCELLATION
AND/OR TRANSFER OF ALLOWABLES FOR
WELLS INVOLVED IN SUCH TESTING PRO-
GRAM IN THE BLANCO-MESA VERDE,
AZTEC-PICTURED CLIFFS, BALLARD-
PICTURED CLIFFS, FULCHER KUTZ-
PICTURED CLIFFS AND SOUTH BLANCO-
PICTURED CLIFFS GAS POOLS, SAN JUAN
AND RIO ARriba COUNTIES, NEW MEXICO

Case No. 1498

APPLICATION

TO THE HONORABLE COMMISSION:

COMES NOW El Paso Natural Gas Company, hereinafter referred to as "Applicant",
and alleges and states that it is a Delaware corporation with a permit to do business in the
State of New Mexico;

I

That Applicant is the operator of oil and gas leases in the Blanco-Mesa Verde, Aztec-
Pictured Cliffs, Ballard-Pictured Cliffs, Fulcher Kutz-Pictured Cliffs and South Blanco-Pictured
Cliffs Gas Pools, as delineated by orders of this Commission, upon which said leases there are
presently located certain gas wells as described in Exhibit "A" attached hereto and made a part
hereof;

II

That there is a continuing need for reservoir information concerning said gas pools;

III

That Applicant proposes to obtain such reservoir information by shutting-in the wells
listed in Exhibit "A" hereto and conducting maximum pressure build-up tests with respect to
same; and that Applicant proposes to complete such tests within the twelve-month (12) period
following the date of issuance of the Commission's Order herein; provided, however, that
Applicant shall be permitted in its discretion to conduct such tests over shorter periods of time
where possible; and provided further, that Applicant shall be permitted to conduct such tests
over longer periods of time than twelve (12) months where necessary upon application filed with
and authorization granted by the Secretary-Director of the Commission.

IV

That such proposed tests would not constitute waste nor violate correlative rights;

V

That such proposed tests should be authorized;

VI

That all wells shut-in for the purpose of conducting such tests should be excepted from the requirements of Order R-333-C and D during the time that the maximum pressure build-up tests are being conducted with respect to same;

VII

That any shut-in well which has not been assigned an allowable prior to the effective date of any order issued pursuant to this Application should be assigned an allowable from the date of connection to a gas transportation facility, provided said date is not more than forty-five (45) days prior to the beginning of the test;

VIII

That Applicant should be permitted to transfer the allowable which accrues to any shut-in well during its testing period to any other ^{offset} well or wells on the same basic lease; and that the transfer of such allowable to any specific well or wells should be upon request of Applicant and authorization of the Commission issued in the form of a supplemental allowable to such transfer well;

IX

That the underage and overage balancing provisions of Rule 6 and 7 of Order R-128-D, as amended by Order R-967, with respect to the Blanco-Mesa Verde Gas Pool, Rules 11 and 12 of Order R-846, as amended by Order R-967, with respect to the Ballard-Pictured Cliffs Gas Pool, and Rules 11 and 12 of Order R-565-C, as amended by Order R-967, with respect to the Aztec-Pictured Cliffs, Fulcher Kutz-Pictured Cliffs and South Blanco-Pictured Cliffs Gas Pools, should be suspended as to each affected shut-in and transfer well located in each such respective gas pool until the end of the six-month proration period following the proration period during which the testing of each such shut-in well is completed; and

X

That in addition to the maximum pressure build-up tests stipulated hereinabove, the order sought herein should provide for the granting of administrative approval to conduct such substitute tests as Applicant may in its discretion deem necessary for the obtaining of more thorough and complete reservoir information with respect to said gas pools; Applicant proposes that such administrative approval be granted only after Applicant has submitted an application for such approval accompanied by a plat showing the test well and all offset leases to the Commission and to all offset operators. If no objection to such substitute test is received by the Commission within ten (10) days after its receipt of such application, then its administrative approval will be granted. Should an objection be received by the Commission within such ten (10) day period, the Commission will set the matter for hearing at the earliest possible date;

WHEREFORE, Applicant respectfully requests this matter to be set for hearing as prescribed by law, and that upon notice and hearing the Commission issue its Order authorizing the conducting of maximum pressure build-up tests with respect to the wells listed in Exhibit "A" hereto located in the Blanco-Mesa Verde, Aztec-Pictured Cliffs, Ballard-Pictured Cliffs, Fulcher Kutz-Pictured Cliffs and South Blanco-Pictured Cliffs Gas Pools located in San Juan and Rio Arriba Counties, New Mexico, and such substitute tests as Applicant may in its discretion deem necessary to conduct after first having obtained administrative approval therefor, and the noncancellation and/or transfer of allowables for all wells involved in such testing program in the manner herein described, or in such manner as the Commission shall deem necessary and proper.

Garrett E. Whitworth
Attorney for Applicant

EXHIBIT "A"

of

Application Filed With

The Oil Conservation Commission of the State of New Mexico

Wells Proposed to be Shut-in	Location of Wells		
	Section	Township	Range N. M. P. M.

AZTEC PICTURED CLIFFS POOL

Lackey No. 5-B

SE/4 20 28 North 9 West

BALLARD PICTURED CLIFFS POOLMcConnell No. 5
McManus No. 10NW/4 24 26 North 9 West
NE/4 4 25 North 8 WestBLANCO MESA VERDE POOLAtlantic No. 5
Fields No. 1
Fields No. 5
Gartner No. 4
Grambling No. 3
Howell No. 3-A
Mansfield No. 4
Prichard No. 2-1
San Juan Unit 28-7 No. 49
San Juan Unit 32-9 No. 29
Stewart No. 4
Wilson 30-6 No. 6E/2 22 31 North 10 West
N/2 25 32 North 11 West
W/2 28 32 North 11 West
E/2 33 30 North 8 West
W/2 22 29 North 9 West
W/2 4 30 North 8 West
E/2 29 30 North 9 West
N/2 34 31 North 9 West
E/2 21 28 North 7 West
W/2 36 32 North 10 West
W/2 28 30 North 10 West
W/2 35 30 North 7 WestFULCHER KUTZ PICTURED CLIFFS POOL

Rowley No. 4

NW/4 17 27 North 10 West

SOUTH BLANCO PICTURED CLIFFS POOL

Jicarilla No. 5-B

SW/4 27 25 North 4 West

MAIN OFFICE OCC

AZTEC OIL & GAS COMPANY

QUILMAN B. DAVIS
SECRETARY AND ATTORNEY

9 PM 1:25
20 MERCANTILE SECURITIES BUILDING
DALLAS 1, TEXAS

September 8, 1958

AIR MAIL

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

Attention Mr. Dan S. Nutter

Re: Case No. 1498
~~Exempt from Hearing~~; Sept-
ember 10, 1958

Gentlemen:

Aztec Oil & Gas Company has received a copy of El Paso Natural Gas Company's application for an order of the Commission to allow it to make maximum build up pressure tests and provide for non-cancellation and/or transfer of allowables of the test wells. The Company offsets the proposed shut-in test wells in the Aztec Pictured Cliffs pool and four of the proposed shut-in test wells in the Blanco Mesaverde pool.

Aztec Oil & Gas Company does not have any objection to the granting of the application so made by El Paso Natural Gas Company and, in fact, we urge that the Commission grant such request.

Yours very truly,

D. B. Davis

QBD:NL

cc - El Paso Natural Gas Company
Mr. Joe Salmon

EPNG PRESSURE BUILD-UP TEST

TEST WELL DATA Aztec Pictured Cliffs POOL

Date: _____

TEST WELL: Operator: El Paso Natural Gas Company Well Name & No. Lackey # 5-B
 Location: 1050' fr. E, 990 fr. S lines, P Sec. 20 T. 28 N., R. 9 W
 TD: 2210' Casing: 5 1/2" @ 2210' Tubing: 1 1/2" @ 2097'
 Completed: June 13, 1956 First Delivery: September 17, 1956
 Pay Zone: Open Hole Interval: _____ or Perforations: 2106' to 2143'
 Stimulation: Sand Water Fractured
 SIPC: 695 SIPT: 695 DAYS SL: 10
 I. P. Test: 7240 MCF, 3 hrs. 3/4 Choke: 5175 MCF AOF thru tubing or casing
 Current Deliverability: 562 MCF, Date Tested: December 30, 1957

WELLS ON SAME BASIC LEASE

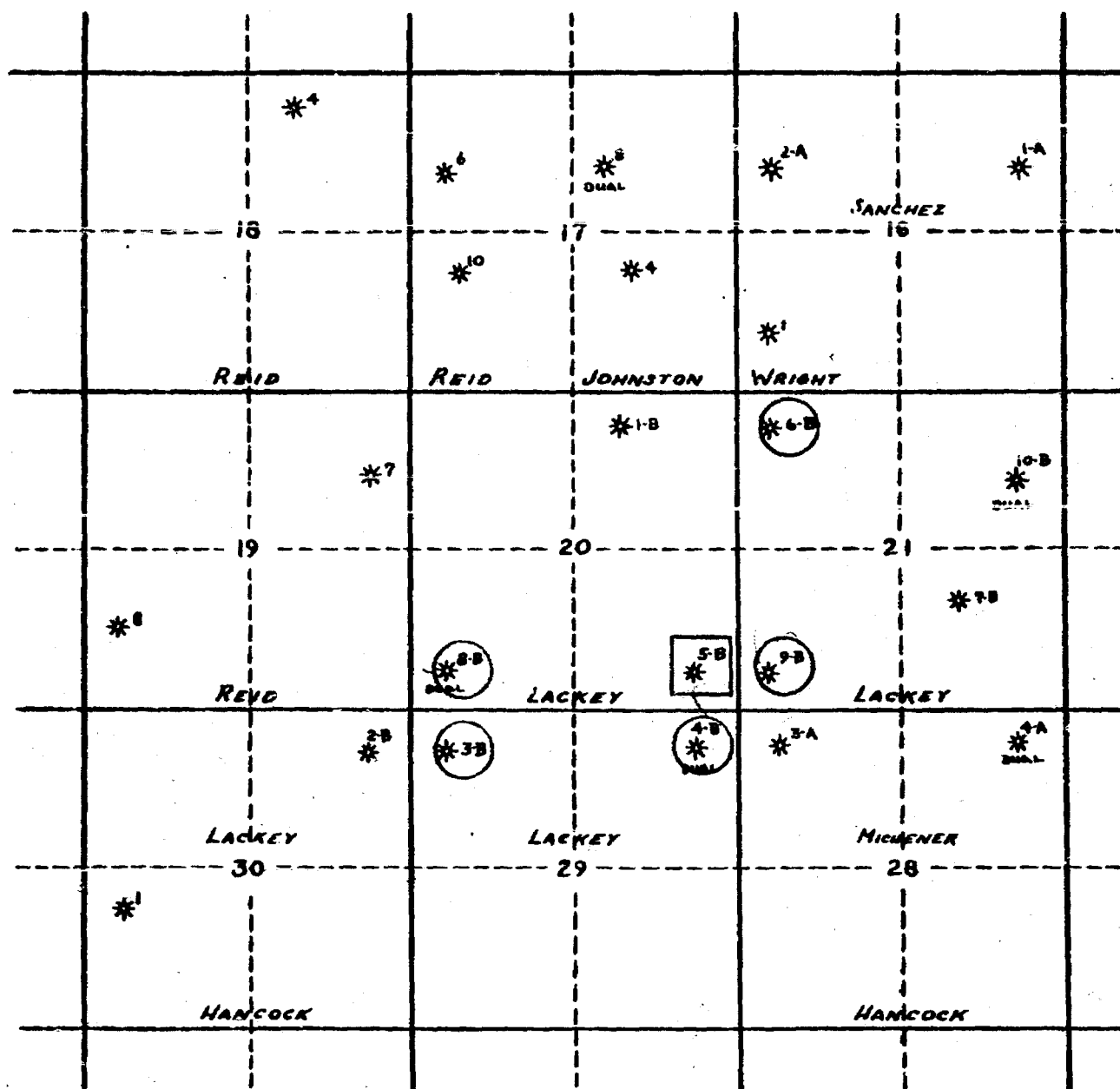
<u>Name</u>	<u>Location</u>	<u>Deliverability</u>	<u>Date of Test</u>
Lackey # 3-B	D 29-28-9	149	1957
Lackey #4-B	A 29-28-9	96	1957
Lackey # 6-B	D 21-28-9	349	1957
Lackey # 8-B	M 20-28-9	457	1957
Lackey # 9-B	M 21-28-9	569	1957

Proration Department

SAN JUAN COUNTY NEW MEXICO

AZTEC PC

TOWNSHIP 28 N RANGE 9 W



LACKEY 5-B

EPNG PRESSURE BUILD-UP TEST

TEST WELL DATA Ballard Pictured Cliffs POOL

Date: _____

TEST WELL: Operator: El Paso Natural Gas Company Well Name & No. McConnell # 5

Location: 1090 fr. N, 1650 fr. W lines, C Sec. 24 T. 26 N., R. 9 W

TD: 2082' Casing: 5 1/2" @ 2082' Tubing: 1 1/4" @ 1972'

Completed: August 31, 1956 First Delivery: January 3, 1957

Pay Zone: Open Hole Interval: _____ or Perforations: From 1996' to 2048'

Stimulation: Sand Water Fractured

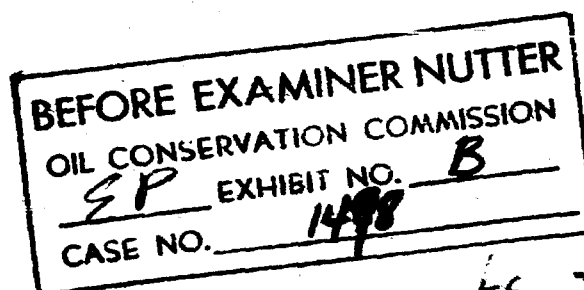
SIPC: 617 SIPT: 617 DAYS SI: 7

I. P. Test: 6195 MCF, 3 hrs. 3/4" Choke: 4369 MCF AOF thru ~~4 1/2"~~ or casing

Current Deliverability: 1247 MCF, Date Tested: 4-15-57

WELLS ON SAME BASIC LEASE

Name	Location	Deliverability	Date of Test
Payne # 2	O 13-26-9	322	1957
McConnell # 4	K 24-26-9	1198	1957
Payne 1-A	M 13-26-9	432	1957



B-2

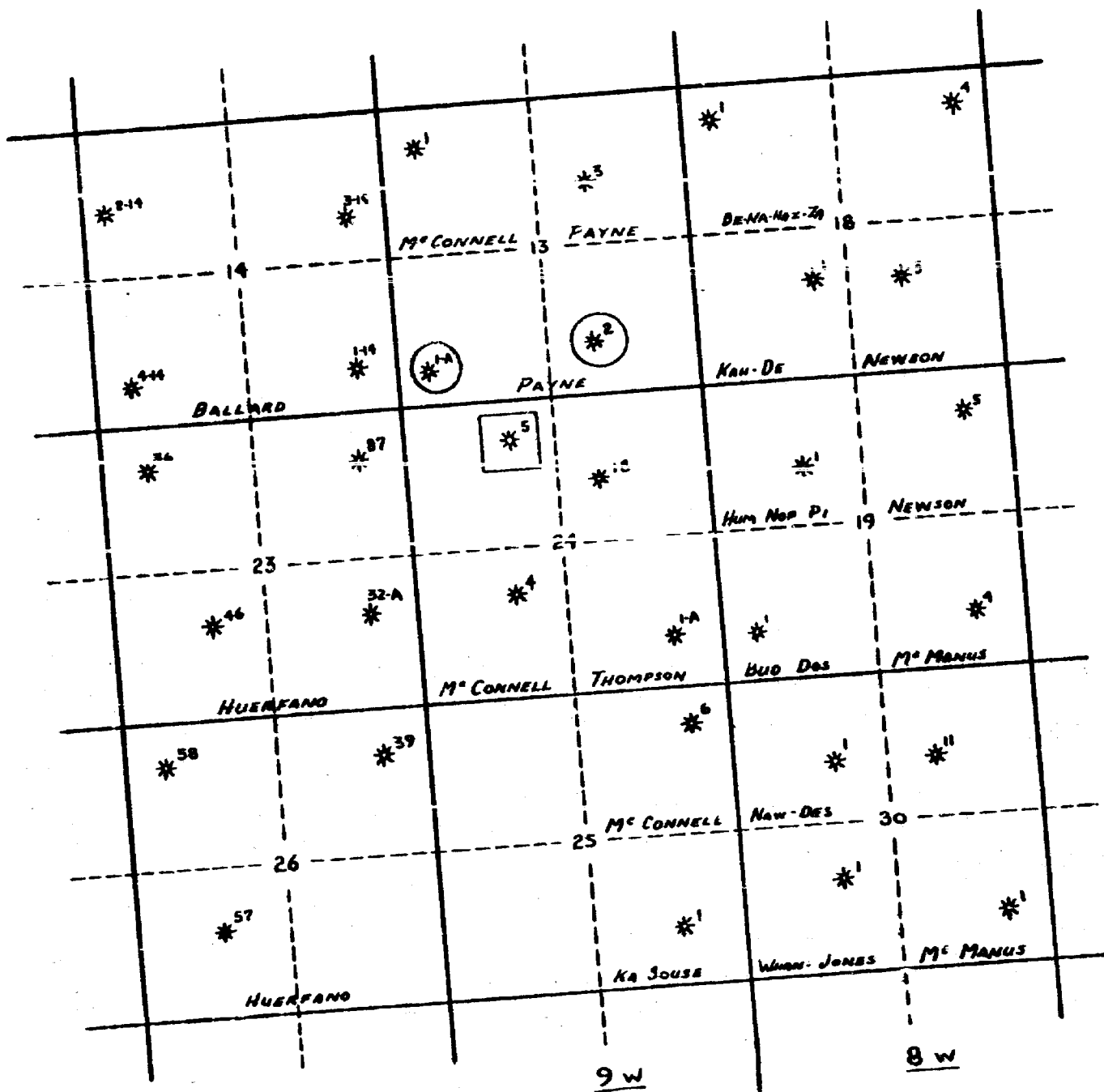
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Proration Department

SAN JUAN COUNTY NEW MEXICO

BALLARD P.C.

TOWNSHIP 26 N RANGE 8 & 9 W



McConnell #5

BPNG PRESSURE BUILD-UP TEST

TEST WELL DATA Ballard Pictured Cliffs POOL

Date: _____

TEST WELL: Operator: El Paso Natural Gas Company Well Name & No. McManus # 10

Location: 1059 fr. N, 1154 fr. E lines, A Sec. 4 T. 25 N., R. 8 W

TD: 2418' Casing: 5 1/2" @ 2361' Tubing: 1" @ 2393'

Completed: June 21, 1955 First Delivery: September 13, 1955

Pay Zone: Open Hole Interval: _____ or Perforations: 2356' to 2418'

Stimulation: Sand Oil Fractured

SIPC: 662 SIPT: 662 DAYS SI: 14

I. P. Test: 2506 MCF, 3 hrs. _____ Choke: _____ MCF AOF thru ~~tubing~~ or casing

Current Deliverability: 1010 MCF, Date Tested: April 15, 1957

WELLS ON SAME BASIC LEASE

<u>Name</u>	<u>Location</u>	<u>Deliverability</u>	<u>Date of Test</u>
McManus #2	F 4-25-8	443	1957
McManus #3	J 33-26-8	169	1957
McManus #5	J 4-25-8	636	1957
McManus #9	M 33-26-8	807	1957
McManus #13	N 4-25-8	282	1957

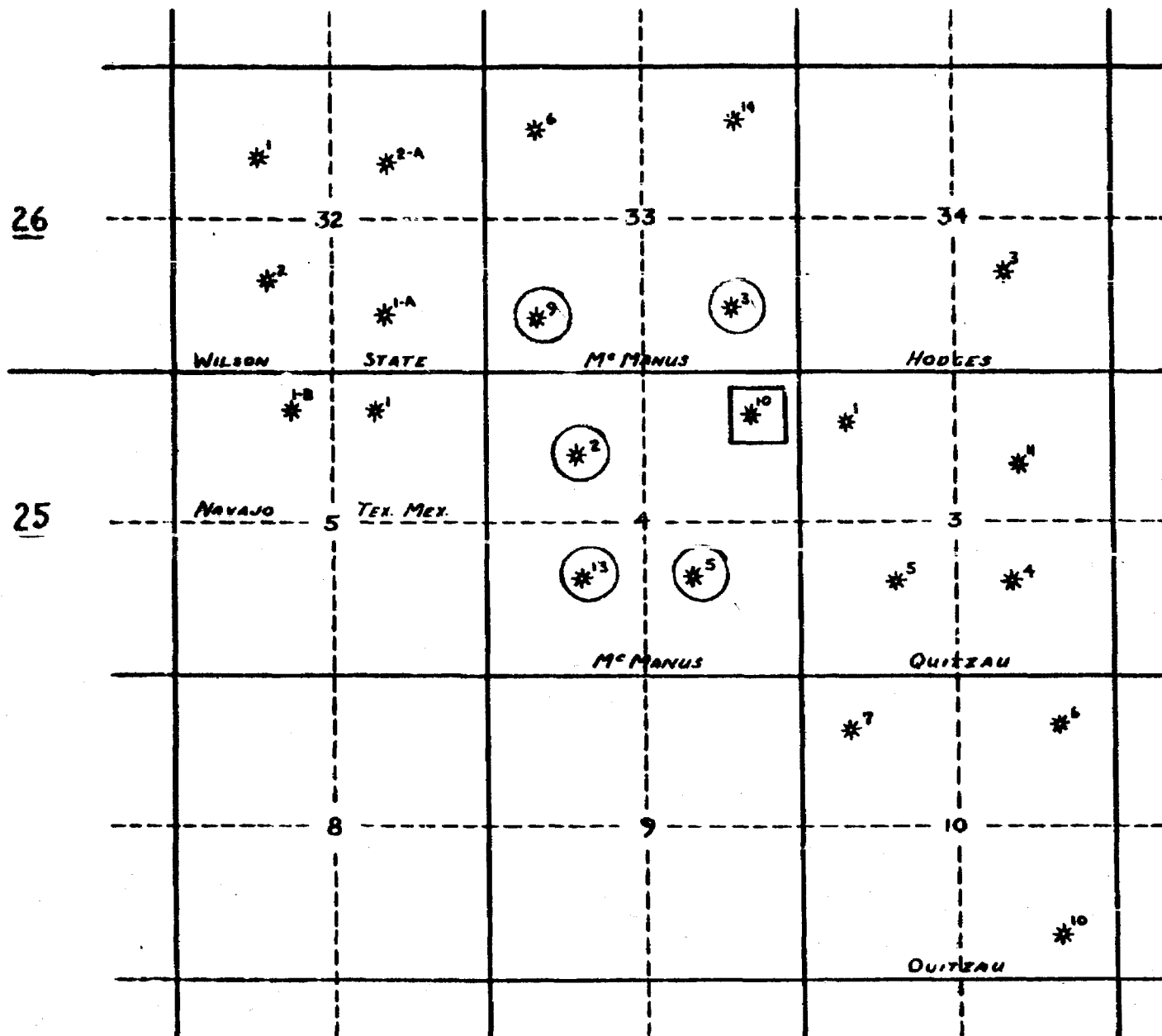
B-3

Proration Department.

SAN JUAN COUNTY NEW MEXICO

BALLARD P.C.

TOWNSHIP 25426 N RANGE 8 W



Mc Manus # 10

EPNG PRESSURE BUILD-UP TEST

TEST WELL DATA Blanco Mesa Verde POOL

Date: _____

TEST WELL: Operator: El Paso Natural Gas Company Well Name & No. Atlantic #5
 Location: 990 fr. N, 990 fr. E lines, A Sec. 22 T. 31 N., R. 10 W
 TD: 5475' Casing: 7" @ 4725' Tubing: 2" @ 5393'
 Completed: June 24, 1953 First Delivery: September 16, 1953
 Pay Zone: Open Hole interval: _____ or Perforations: 4775' to 5475'
 Stimulation: Shot w/1700 Qt. S. N. G.
 SIPC: 1086 SIPT: 1082 DAYS SI: 10
 I. P. Test: 7408 MCF, 3 hrs. _____ Choke: _____ MCF AOF thru tubing or casing
 Current Deliverability: 1552 MCF, Date Tested: December 23, 1957

WELLS ON SAME BASIC LEASE

<u>Name</u>	<u>Location</u>	<u>Deliverability</u>	<u>Date of Test</u>
Atlantic #6	L 22-31-10	715	1957
Atlantic #8	M 23-31-10	746	1957
Atlantic #7	G 23-31-10	1297	1957

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Proration Department

BPNG PRESSURE BUILD-UP TEST

TEST WELL DATA Blanco Mesa Verde POOL

Date: _____

TEST WELL: Operator: El Paso Natural Gas Company Well Name & No. Field #1
 Location: 990 fr. N, 990 fr. E lines, A Sec. 25 T. 32 N., R. 11 W
 TD: 5458' Casing: 7" @ 4705' Tubing: 2" @ 5375'
 Completed: May 12, 1953 First Delivery: October 26, 1953
 Pay Zone: Open Hole Interval: _____ or Perforations: 4798' to 5458'
 Stimulation: Shot w/1440 Qt. S. N. G.
 SIPC: 1088 SIPT: 1078 DAYS SI: 8
 I. P. Test: 3780 MCF, 3 hrs. _____ Choke: _____ MCF AOF thru tubing or casing
 Current Deliverability: 272 MCF, Date Tested: May 8, 1957

WELLS ON SAME BASIC LEASE

<u>Name</u>	<u>Location</u>	<u>Deliverability</u>	<u>Date of Test</u>
Fields #2	N 25-32-11	333	1957

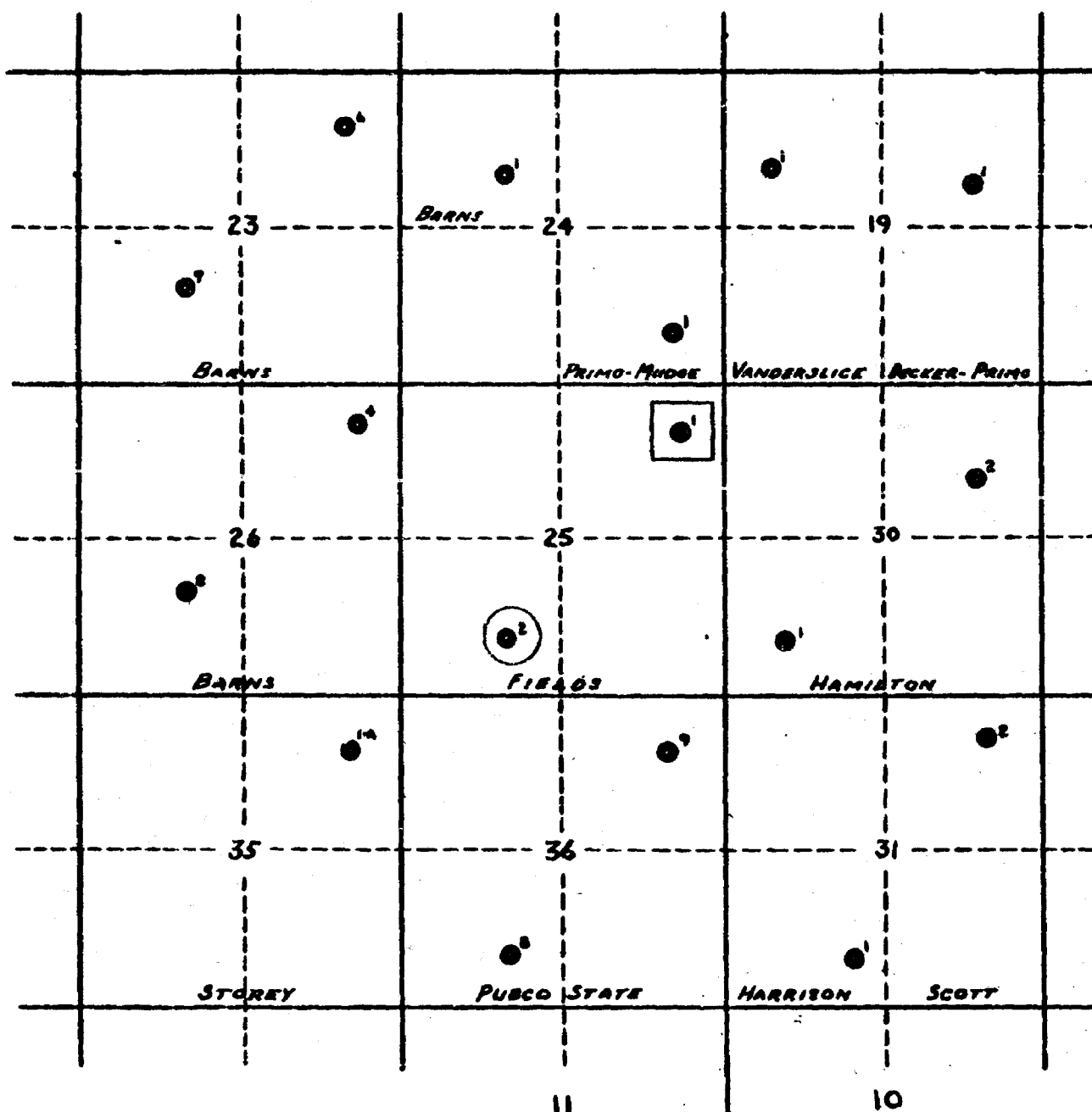
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Proration Department

SAN JUAN COUNTY NEW MEXICO

BLANCO M.V.

TOWNSHIP 32 N RANGE 10 E 11 W



FIELDS 1

EPNG PRESSURE BUILD-UP TEST

TEST WELL DATA Blanco Mesa Verde POOL

Date: _____

TEST WELL: Operator: El Paso Natural Gas Company Well Name & No. Field #5

Location: 1847' fr. S, 790 fr. W lines, L Sec. 28 T. 32 N., R. 11 W

TD: 5610' Casing: 5 1/2" @ 5610' Tubing: 2" @ 5571'

Completed: March 8, 1956 First Delivery: March 27, 1956

Pay Zone: Open Hole Interval: _____ or Perforations: 4830' to 5590'

Stimulation: Sand Water Fracured

SIPC: 1053 SIPT: 1042 DAYS SI: 93

I. P. Test: 24,390 MCF, 3 hrs. 3/4" Choke: 5920 MCF AOF thru tubing or casing

Current Deliverability: 1167 MCF, Date Tested: May 8, 1957

WELLS ON SAME BASIC LEASE

<u>Name</u>	<u>Location</u>	<u>Deliverability</u>	<u>Date of Test</u>
Fields #1	G 29-32-11	234	1957
Fields #4	G 28-32-11	1250	1957
Horton #1	K 29-32-11	475	1957

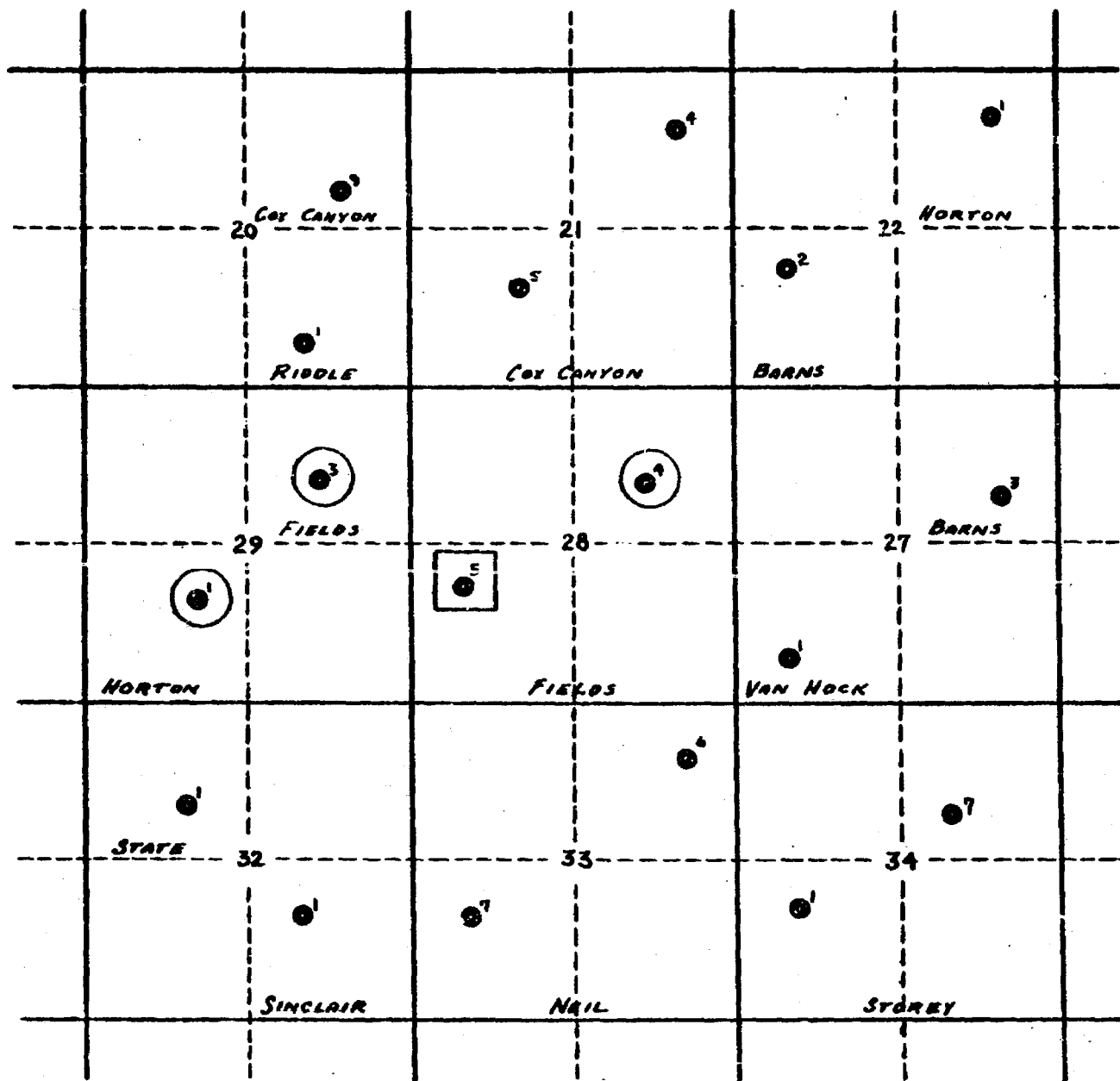
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Proration Department

SAN JUAN COUNTY NEW MEXICO

BLANCO M.V.

TOWNSHIP 32 N RANGE 11 W



FIELDS #5

BPNG PRESSURE BUILD-UP TEST

TEST WELL DATA Blanco Mesa Verde POOL

Date: _____

TEST WELL: Operator: El Paso Natural Gas Company Well Name & No. Gartner #4

Location: 1650 fr. N, 1090 fr. E lines, H Sec. 33 T. 30 N., R. 8 W

TD: 5457' Casing: 7" @ 4677' Tubing: 2 1/2" @ 5438'

Completed: December 5, 1952 First Delivery: August 27, 1953

Pay Zone: Open Hole Interval: _____ or Perforations: 4757' to 5457'

Stimulation: Shot w/1635 Qt. S. N. G.

SIPC: 1099 SIPT: _____ DAYS SI: 44

I. P. Test: 8656 MCF, 6 hrs. _____ Choke: _____ MCF AOF thru tubing or casing

Current Deliverability: 1839 MCF, Date Tested: July 24, 1957

WELLS ON SAME BASIC LEASE

<u>Name</u>	<u>Location</u>	<u>Deliverability</u>	<u>Date of Test</u>
Gartner #1	N 28-30-8	1691	1957
Gartner #3	N 33-30-8	2424	1957
Gartner #5	M 27-30-8	2081	1957

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Proration Department

TOWNSHIP 29 & 30 RANGE 8

GARTNER #4

BPNG PRESSURE BUILD-UP TEST

TEST WELL DATA Blanco Mesa Verde POOL

Date: _____

TEST WELL: Operator: El Paso Natural Gas Company Well Name & No. Grambling 3

Location: 990 fr. S, 1650 fr. W lines, N Sec. 22 T. 29 N., R. 9 W

TD: 4368' Casing: 7" @ 3725' Tubing: 2" @ 4168'

Completed: August 1, 1951 First Delivery: August 20, 1951

Pay Zone: Open Hole Interval: _____ or Perforations: 3776' to 4310'

Stimulation: Shot w/1420 Qt. of S. N. G.

SIPC: 1100 SIPT: 1100 DAYS SI: 13

I. P. Test: 700 MCF, 3 hrs. _____ Choke: _____ MCF AOF thru tubing or casing

Current Deliverability: 677 MCF, Date Tested: September 24, 1957

WELLS ON SAME BASIC LEASE

<u>Name</u>	<u>Location</u>	<u>Deliverability</u>	<u>Date of Test</u>
Grambling 1	G 28-29-9	483	1957
Grambling 2	G 27-29-9	875	1957

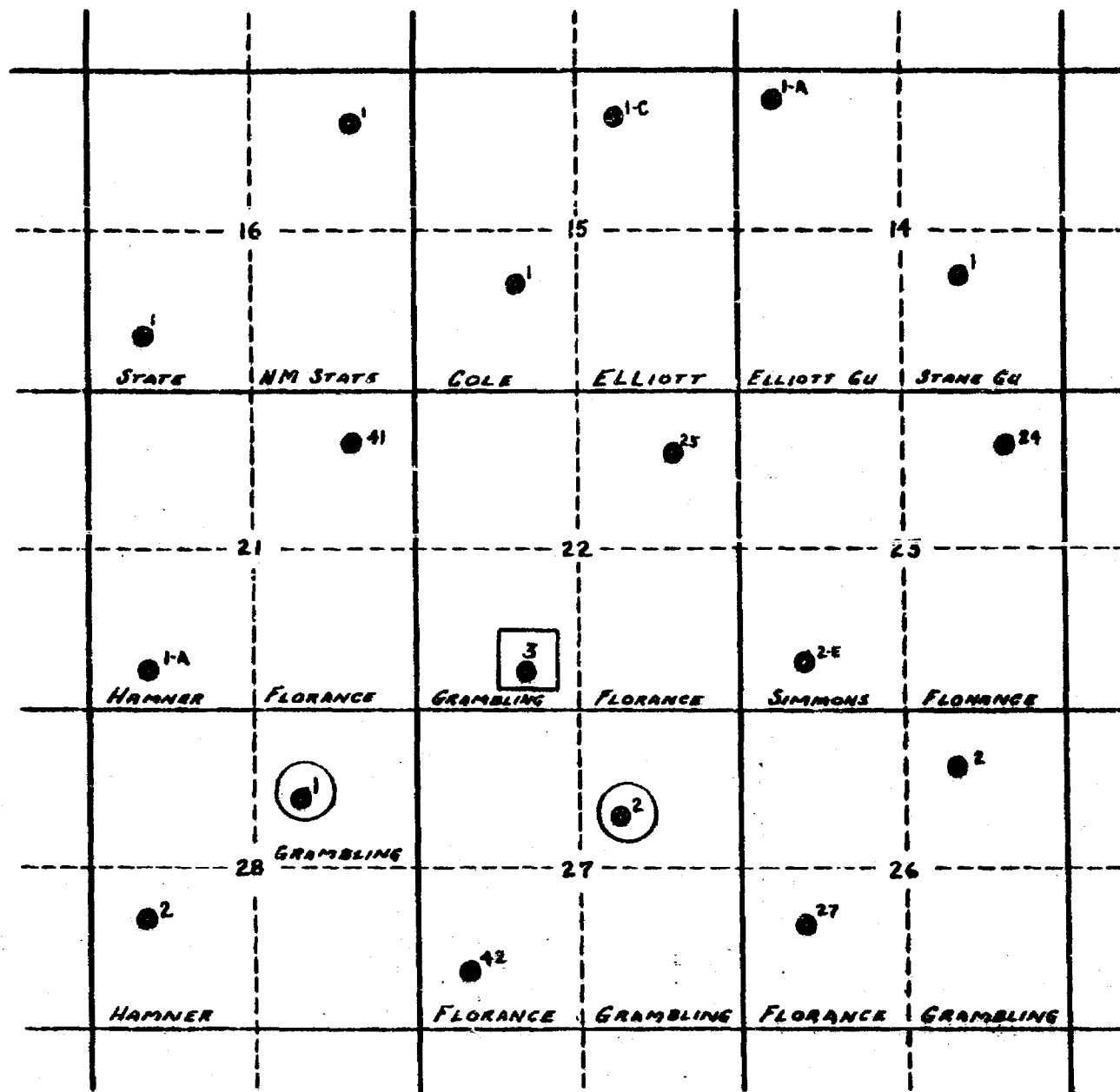
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Proration Department

SAN JUAN COUNTY NEW MEXICO

BLANCO M.V.

TOWNSHIP 29 N RANGE 9 W



GRAMBLING 3

EPNG PRESSURE BUILD-UP TEST

TEST WELL DATA Blanco Mesa Verde POOL

Date: _____

TEST WELL: Operator: El Paso Natural Gas Company Well Name & No. Howell 3-A

Location: 890 fr. S, 890 fr. W lines, M Sec. 4 T. 30 N., R. 8 W

TD: 5404' Casing: 7" @ 4763' Tubing: 2" @ 5237'

Completed: June 21, 1951 First Delivery: August 29, 1951

Pay Zone: Open Hole Interval: _____ or Perforations: 4858' to 5378'

Stimulation: Shot w/1050 Qt. S. N. G.

SIPC: 1088 SIPT: 1088 DAYS SI: 34

I. P. Test: 3970 MCF, 6 hrs. _____ Choke: _____ MCF AOP thru tubing or casing

Current Deliverability: 525 MCF, Date Tested: July 4, 1957

WELLS ON SAME BASIC LEASE

<u>Name</u>	<u>Location</u>	<u>Deliverability</u>	<u>Date of Test</u>
Howell 1-A	G 8-30-8	2325	1957
Howell 2-A	N 5-30-8	382	1957
Woodriver 2	G 9-30-8	4672	1957

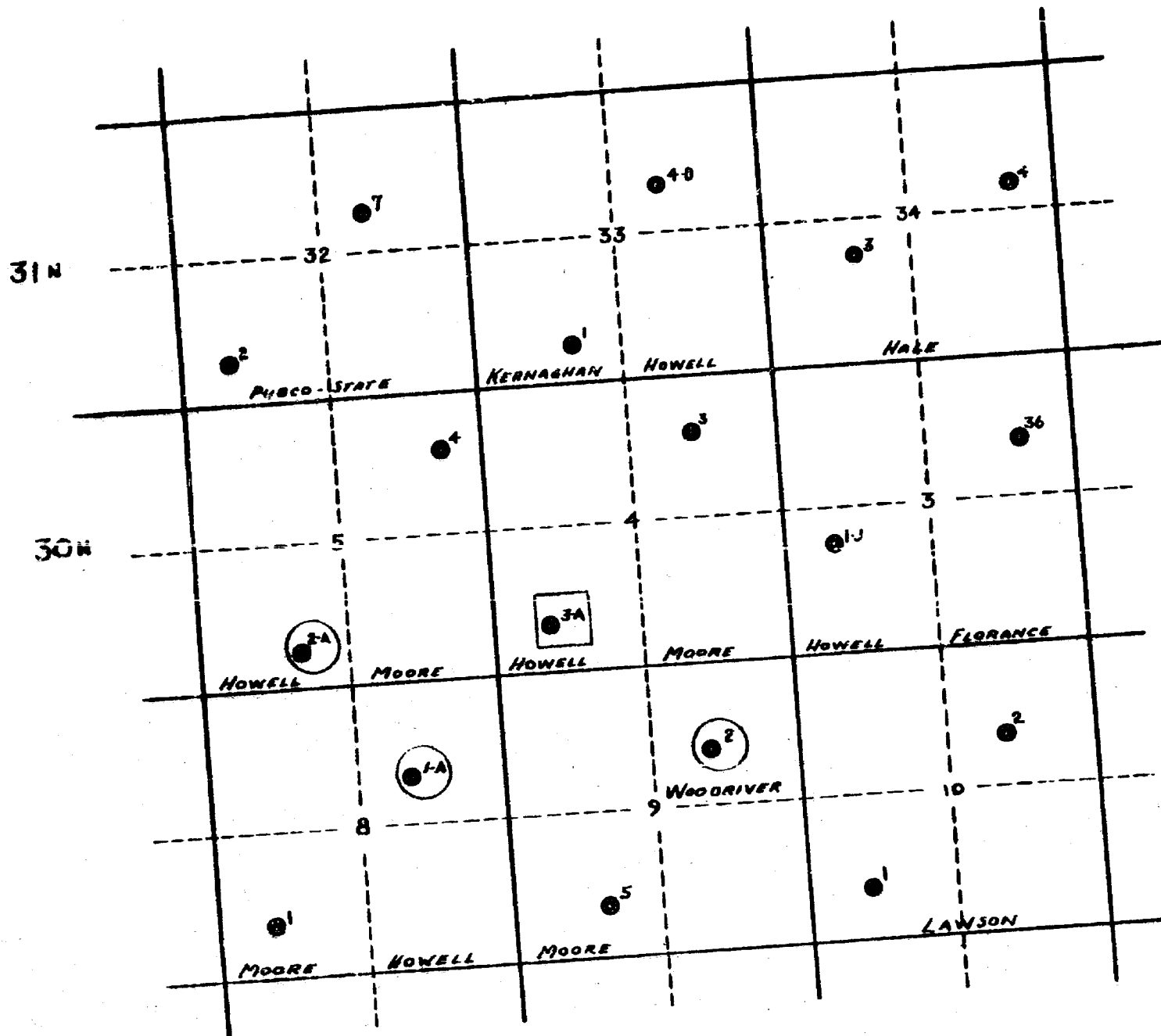
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Proration Department

SAN JUAN COUNTY NEW MEXICO

BLANCO MV

TOWNSHIP 30131N RANGE 8W



HOWELL A-3

EPNG PRESSURE BUILD-UP TEST

TEST WELL DATA Blanco Mesa Verde POOL

Date: _____

Operator: El Paso Natural Gas Company Well Name & No. Mansfield 4

fr. N, 330 fr. E lines, A Sec. 29 T. 30 N., R. 9 W

TEL: 5002' Casing: 5 1/2 @ 5002' Tubing: 2 1/2" @ 4912'

Completed: January 12, 1951 First Delivery: December 1, 1951

Open Hole Interval: _____ or Perforations: 4218' to 4940'

Delivered: _____

SIPT: 1082 SIPT: 1069 DAYS SI: _____

I.P. Test: 4070 MCF, 3 hrs. _____ Choke: _____ MCF AOF thru tubing or casing

Current Deliverability: 1627 MCF, Date Tested: May 23, 1957

WELLS ON SAME BASIC LEASE

Name	Location	Deliverability	Date of Test
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None

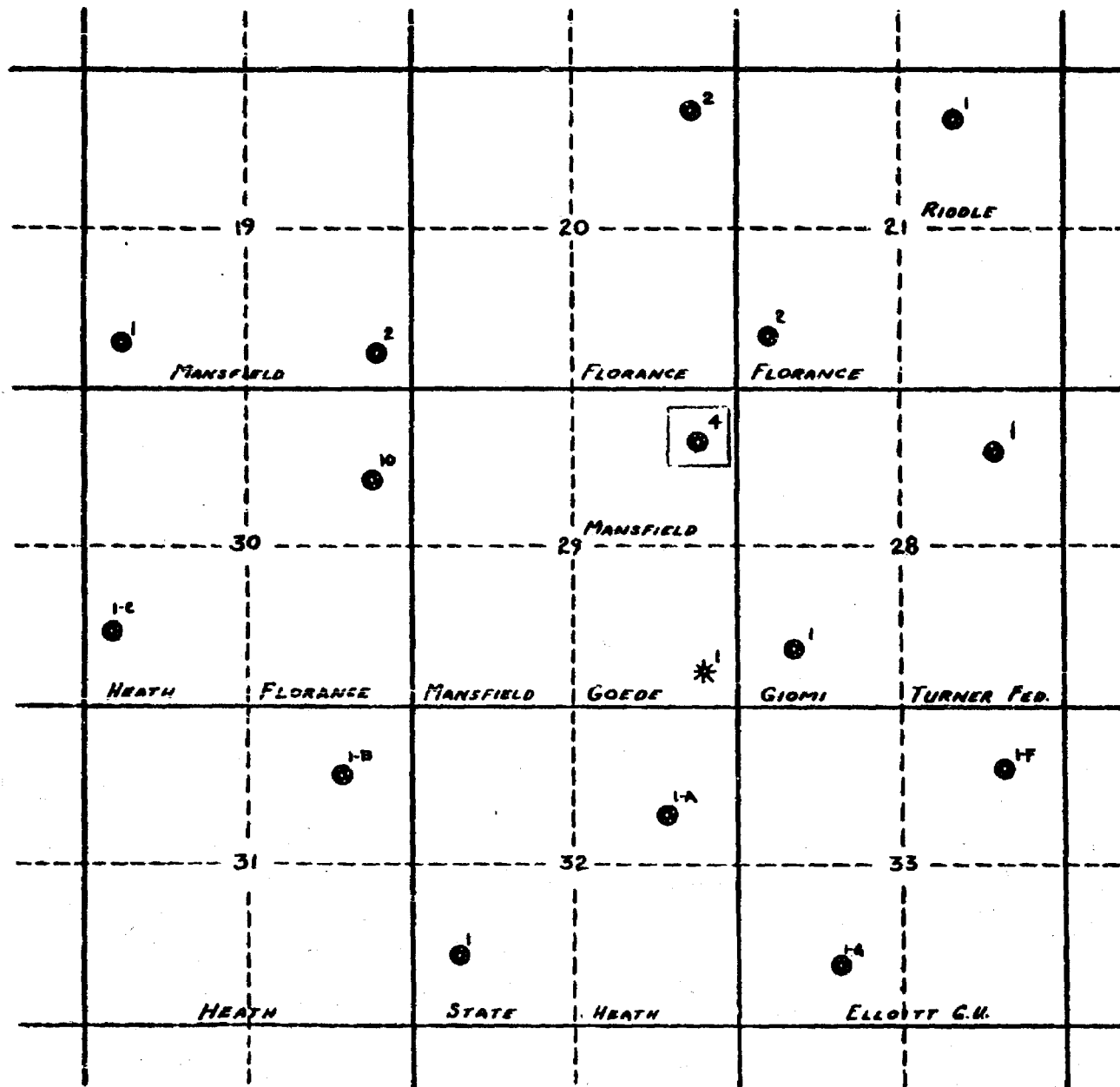
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Proration Department

SAN JUAN COUNTY NEW MEXICO

BLANCO M.V.

TOWNSHIP 30 N RANGE 9 W



MANSFIELD 4

EPNG PRESSURE BUILD-UP TEST

TEST WELL DATA Blanco Mesa Verde POOL

Date: _____

TEST WELL: Operator: Ei Paso Natural Gas Company Well Name & No. Prichard 2-1

Location: 1180 fr. N, 1850 fr. E lines, B Sec. 34 T. 31 N., R. 9 W

TD: 5272' Casing: 7" @ 4507' Tubing: 2" @ 5222'

Completed: July 24, 1952 First Delivery: August 4, 1952

Pay Zone: Open Hole Interval: _____ or Perforations: 4604' to 5272'

Stimulation: Shot w/1470 Qt. S. N. G.

SIPC: 1101 SIPT: 1099 DAYS SI: 53

I. P. Test: 5122 MCF, 6 hrs. _____ Choke: _____ MCF AOF thru tubing or casing

Current Deliverability: 1030 MCF, Date Tested: May 23, 1957

WELLS ON SAME BASIC LEASE

<u>Name</u>	<u>Location</u>	<u>Deliverability</u>	<u>Date of Test</u>
Prichard 3-2	K 34-31-9	1373	1957

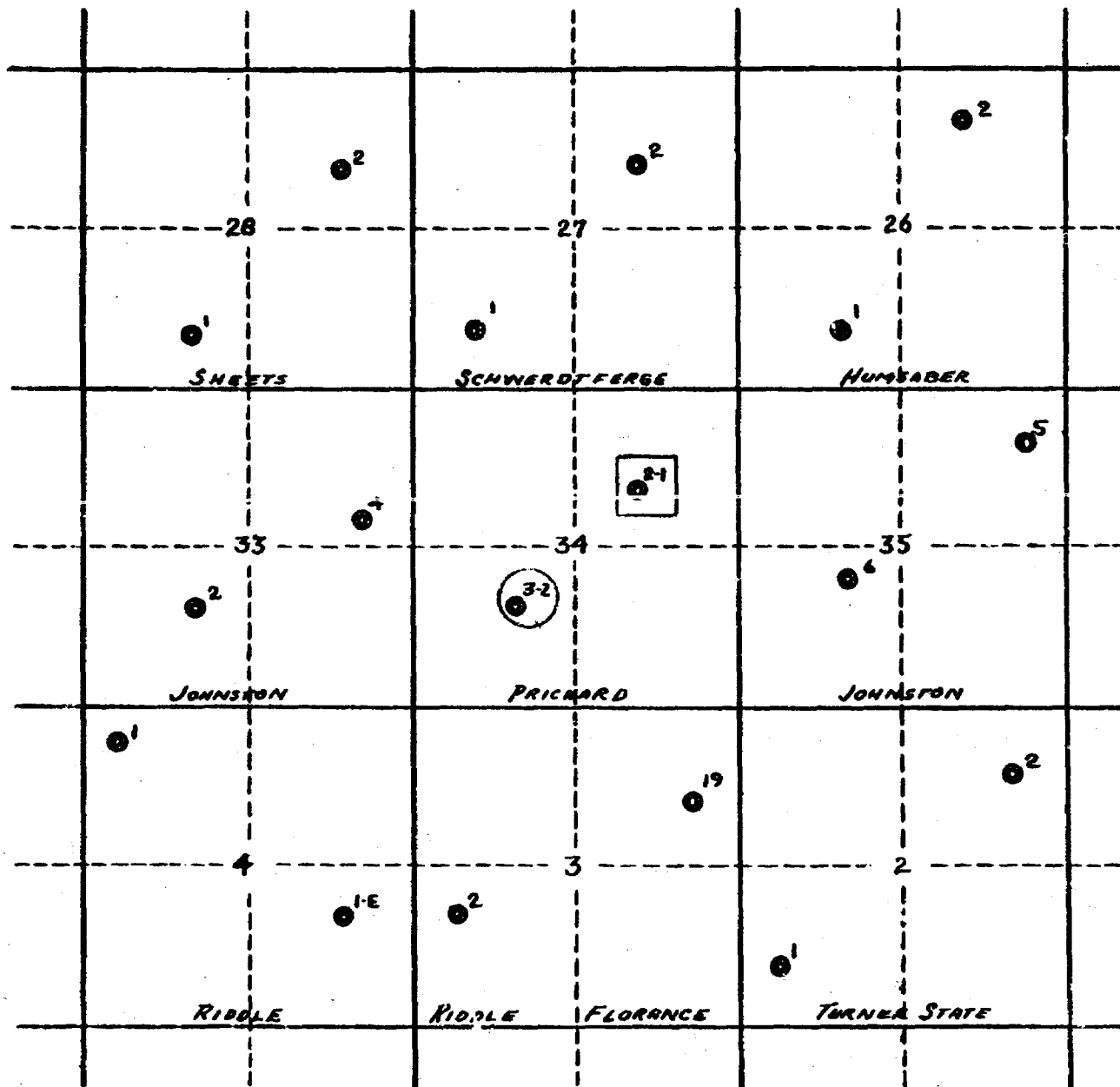
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Proration Department

SAN JUAN COUNTY NEW MEXICO

BLANCO M.V.

TOWNSHIP 30 1/2 N RANGE 9 W



PRICHARD 2-1

BPNG PRESSURE BUILD-UP TEST

TEST WELL DATA Blanco Mesa Verde POOL

Date: _____

TEST WELL: Operator: El Paso Natural Gas Company Well Name & No. San Juan Ut. 28-7 #49

Location: 969 fr. N, 1550 fr. E lines, B Sec. 21 T. 28 N., R. 7 W

TD: 5245' Casing: 5 1/2 @ 5245' Tubing: 2" @ 5149'

Completed: September 7, 1956 First Delivery: March 21, 1957

Pay Zone: Open Hole Interval: _____ or Perforations: 4426' to 5064'

Stimulation: Sand Water Fractured

SIPC: 1076 SIPT: 1068 DAYS SI: 7

I. P. Test: 7240 MCF, 3 hrs. 3/4 Choke: 4333 MCF AOF thru tubing or ~~4444~~

Current Deliverability: 994 MCF, Date Tested: April 24, 1957

WELLS ON SAME BASIC LEASE

<u>Name</u>	<u>Location</u>	<u>Deliverability</u>	<u>Date of Test</u>
S. J. 28-7 #6	N 16-28-7	83	1957
S. J. 28-7 #47	A 20-28-7	876	1957
S. J. 28-7 #49	L 21-28-7	297	1957

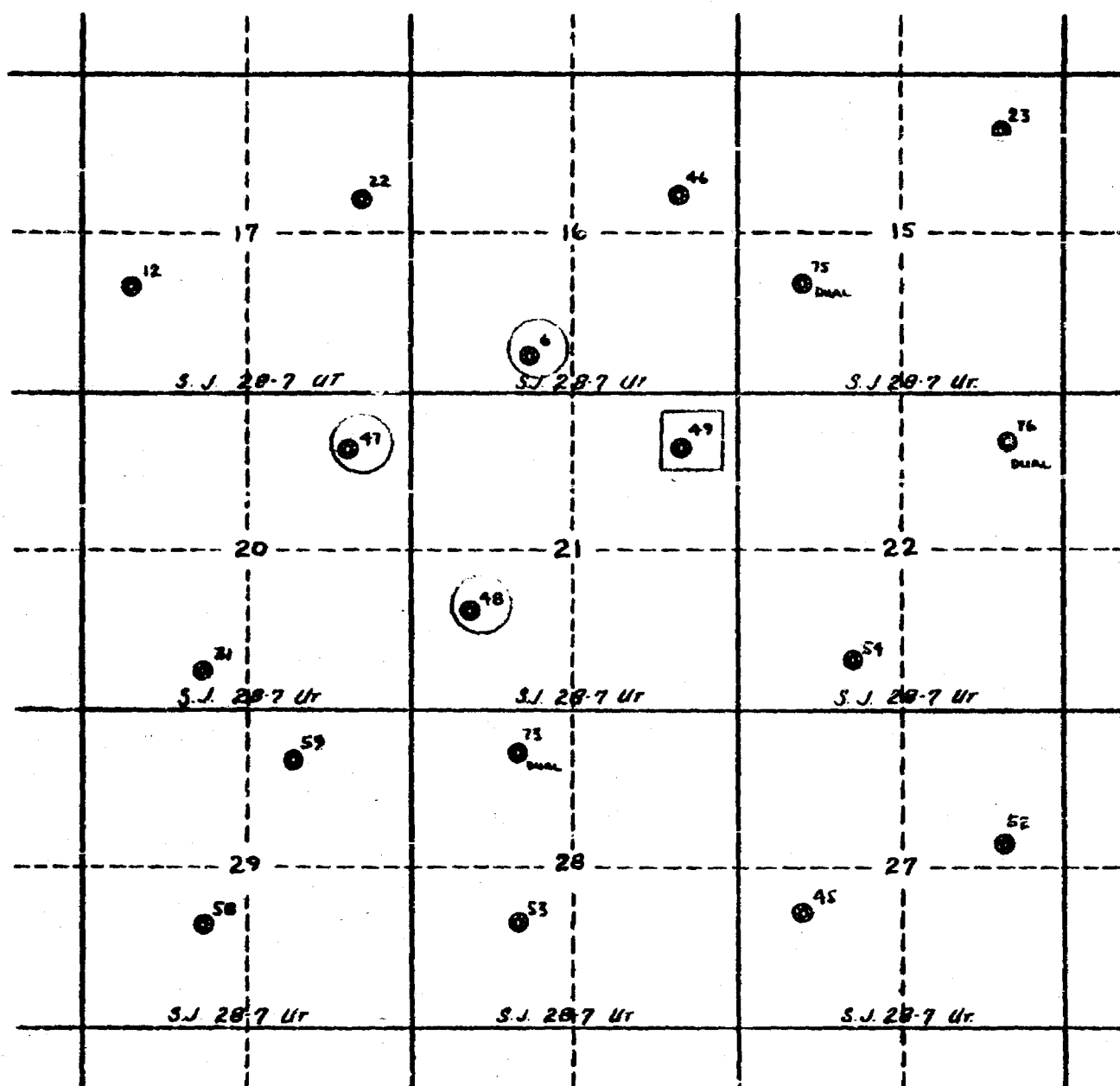
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Proration Department

SAN JUAN COUNTY NEW MEXICO

BLANCO M.V.

TOWNSHIP 28 N RANGE 7 W



SJ 28-7 Ur # 49

EPNG PRESSURE BUILD-UP TEST

TEST WELL DATA Blanco Mesa Verde POOL

Date: _____

TEST WELL: Operator: El Paso Natural Gas Company Well Name & No. S. J. 32-9 #29

Location: 1140 fr. S, 850 fr. W lines, M Sec. 36 T. 32 N., R. 10 W

TD: 5920' Casing: 7" @ 5371' Tubing: 2" @ 5886'

Completed: August 23, 1955 First Delivery: January 26, 1956

Pay Zone: Open Hole Interval: _____ or Perforations: 5371' to 5515'

Stimulation: Sand Oil Fractured

SIPC: 1037 SIPT: 1038 DAYS SI: 20

I. P. Test: 19,529 MCF, 3 hrs. _____ Choke: _____ MCF AOF thru tubing or casing

Current Deliverability: 2454 MCF, Date Tested: November 16, 1957

WELLS ON SAME BASIC LEASE

<u>Name</u>	<u>Location</u>	<u>Deliverability</u>	<u>Date of Test</u>
S. J. 32-9 #9	N 25-32-10	314	1957
S. J. 32-9 #38	B 35-32-10	1574	1957
S. J. 32-9 #34	K 35-32-10	698	1957
S. J. 32-9 #25	G 2-31-10	2304	1957
S. J. 32-9 #26	L 1-31-10	1307	1957
S. J. 32-9 #3	A 1-31-10	1820	1957
S. J. 32-9 #32	M 31-32-9	678	1957
S. J. 32-9 #30	H 36-32-10	599	1957

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Proration Department

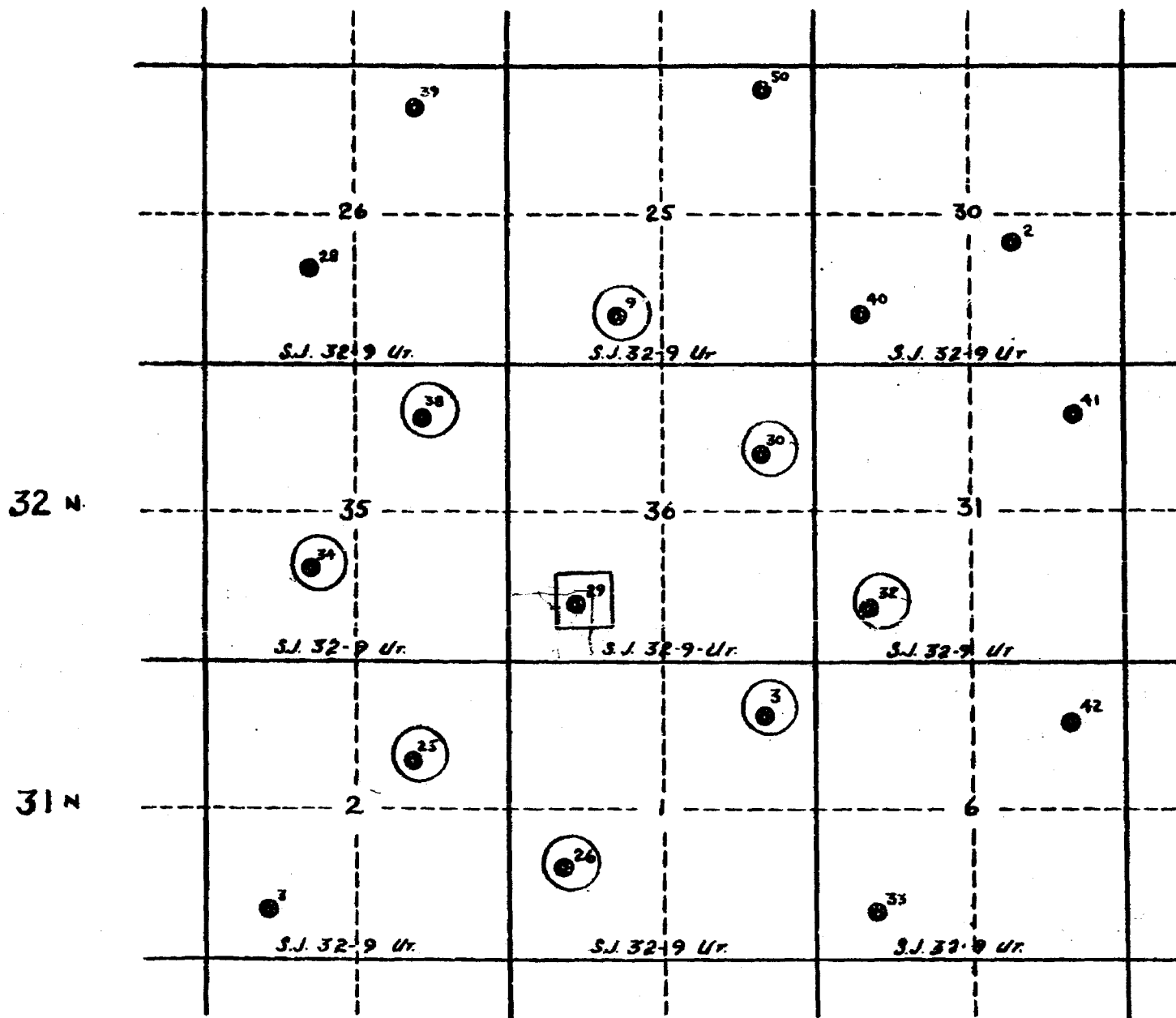
SAN JUAN COUNTY NEW MEXICO

BLANCO M.V.

TOWNSHIP 31 & 32 N RANGE 9 & 10 W

10 W

9w



S.J. 32-9 UT # 29

EPNG PRESSURE BUILD-UP TEST

TEST WELL DATA Blanco Mesa Verde POOL

Date: _____

TEST WELL: Operator: El Paso Natural Gas Company Well Name & No. Stewart # 4

Location: 1485 fr. S, 1460 fr. W lines, K Sec. 28 T. 30 N., R. 10 W

TD: 5158' Casing: 5 1/2" @ 5158' Tubing: 2" @ 5016'

Completed: March 29, 1956 First Delivery: August 7, 1956

Pay Zone: Open Hole Interval: _____ or Perforations: 4716' to 5158'

Stimulation: Sand Water Fractured

SIPC: 1065 SIPT: 1066 DAYS SI: 9

I. P. Test: 4594 MCF, 3 hrs. 3/4 Choke: 3602 MCF AOF thru tubing or casing

Current Deliverability: 186 MCF, Date Tested: July 15, 1957

WELLS ON SAME BASIC LEASE

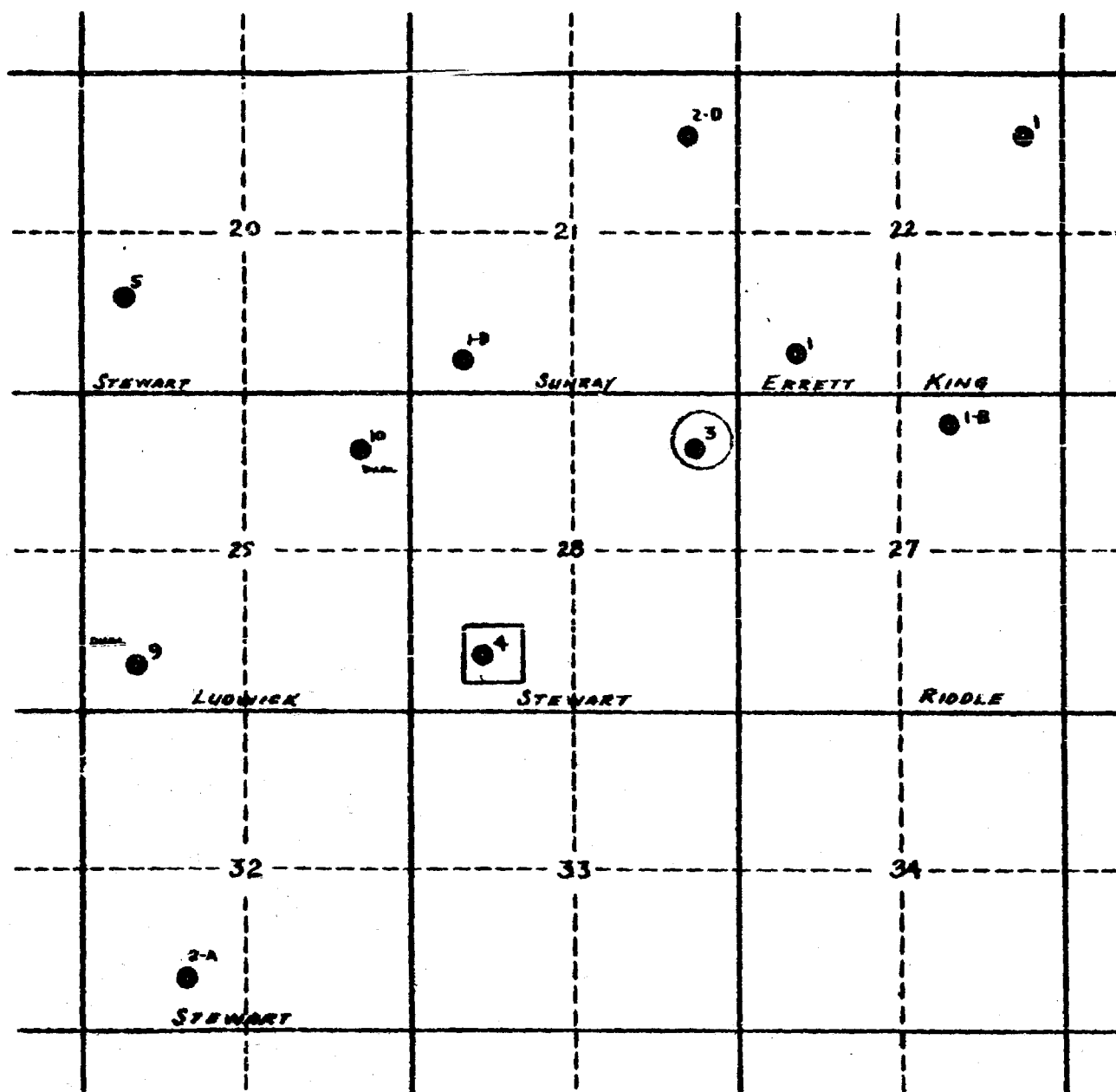
<u>Name</u>	<u>Location</u>	<u>Deliverability</u>	<u>Date of Test</u>
Stewart # 3	A 28-30-10	200	1957

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Proration Department

SAN JUAN COUNTY NEW MEXICO

BLANCO M.V.
TOWNSHIP 30 N RANGE 10 W



STEWART 4

SPNG PRESSURE BUILD-UP TEST

TEST WELL DATA Blanco Mesa Verde POOL

Date: _____

TEST WELL: Operator: El Paso Natural Gas Company Well Name & No. Wilson 30-6 #6

Location: 890 fr. S 1750 fr. W lines, N Sec. 35 T. 30 N., R. 7 W

TD: 6033' Casing: 5 1/2" @ 6033' Tubing: 2" @ 5980'

Completed: December 19, 1955 First Delivery: April 6, 1956

Pay Zone: Open Hole Interval: _____ or Perforations: From 5532' to 6004'

Stimulation: Water Fractured

SIPC: 1076 SIPT: 1067 DAYS SI: 17

I. P. Test: 5190 MCF, 3 hrs. _____ Choke: _____ MCF AOP thru tubing or casing 4410/

Current Deliverability: 971 MCF, Date Tested: October 15, 1957

WELLS ON SAME BASIC LEASE

<u>Name</u>	<u>Location</u>	<u>Deliverability</u>	<u>Date of Test</u>
Wilson 30-6 #1	M 26-30-7	193	1957
Wilson 30-6 #4	G 34-30-7	324	1957
Wilson 30-6 #5	M 34-30-7	231	1957
Wilson 30-6 #7	H 35-30-7	700	1957

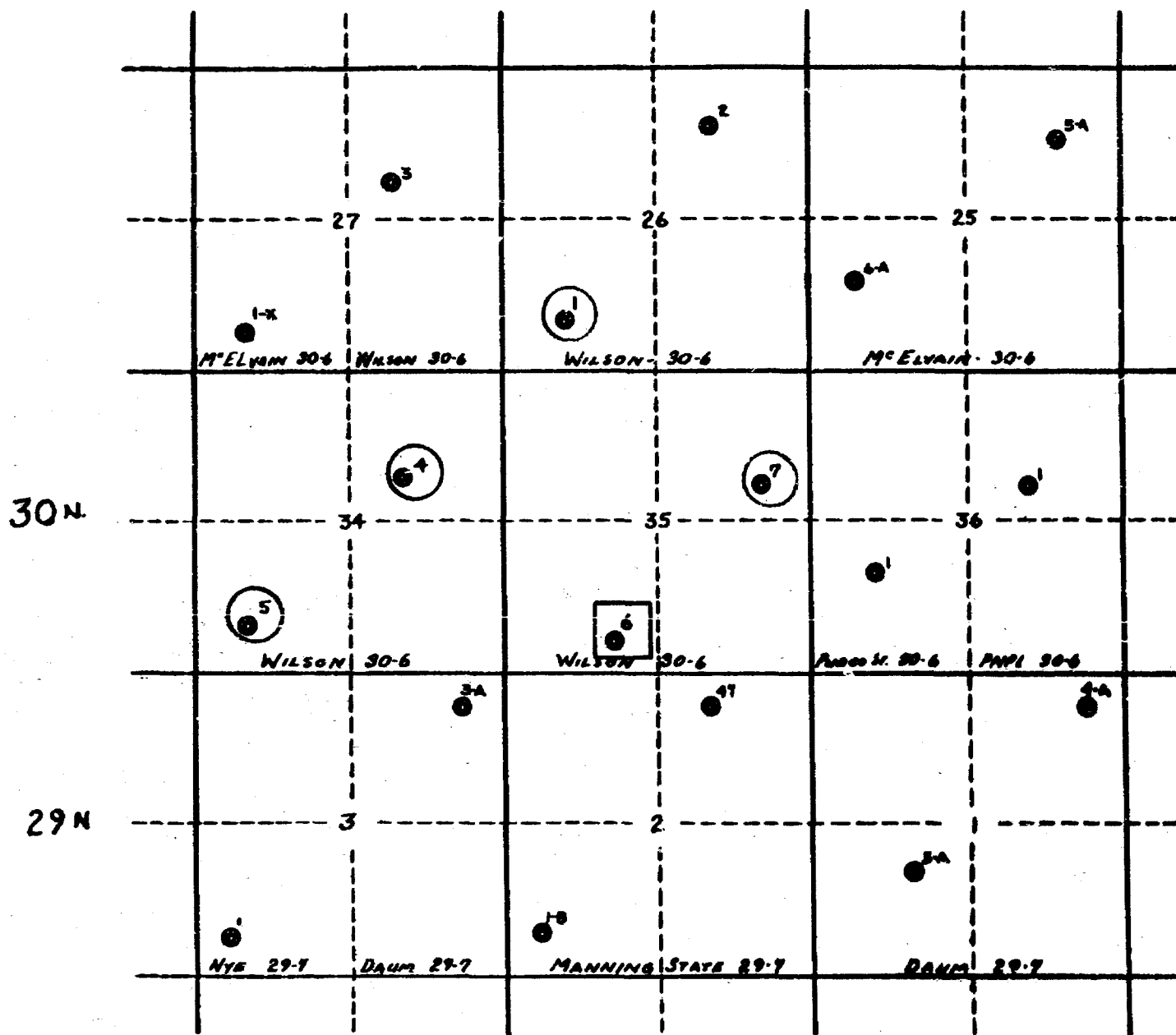
Ex B-15

Proration Department

SAN JUAN COUNTY NEW MEXICO

BLANCO M.V.

TOWNSHIP 29+30N RANGE 7W



Wilson 30-6 "6

EPNG PRESSURE BUILD-UP TEST

TEST WELL DATA Fulcher Kutz Pictured Cliffs POOL

Date: _____

TEST WELL: Operator: El Paso Natural Gas Company Well Name & No. Rowley # 4

Location: 1650 fr. N, 890 fr. W lines, E Sec. 17 T. 27 N., R. 10 W

TD: 1878' Casing: 5 1/2" @ 1785' Tubing: 1" @ 1860'

Completed: January 1, 1953 First Delivery: April 16, 1953

Pay Zone: Open Hole Interval: _____ or Perforations: 1795' to 1885'

Stimulation: Shot w/220 Qt. S. N. G.

SIPC: 475 SIPT: _____ DAYS SI: 8

I. P. Test: 324 MCF, 3 hrs. _____ Choke: _____ MCF AOF thru tubing or casing

Current Deliverability: 120 MCF, Date Tested: October 23, 1957

WELLS ON SAME BASIC LEASE

<u>Name</u>	<u>Location</u>	<u>Deliverability</u>	<u>Date of Test</u>
Rowley #2	L 8-27-10	21	1957
Rowley #3	I 7-27-10	23	1957
Rowley #5	K 17-27-10	23	1957
Rowley #6	I 18-27-10	45	1957
Pipkin #3	A 17-27-10	29	1957
Pipkin #4	A 18-27-10	36	1957

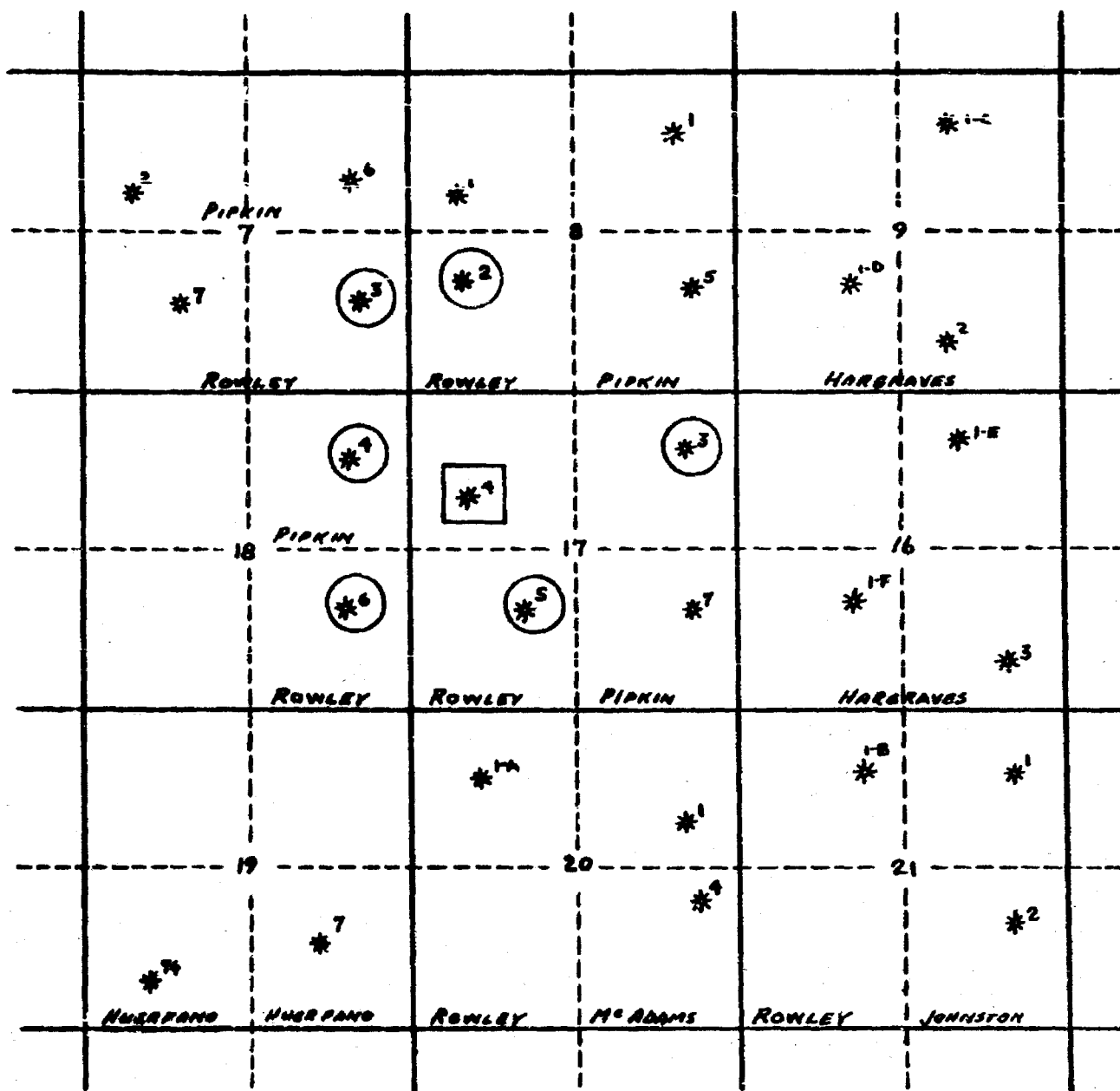
EX B-14

Proration Department

SAN JUAN COUNTY NEW MEXICO

FULCHER KUTZ P.C.

TOWNSHIP 27 N RANGE 10 W



ROWLEY #4

EPNG PRESSURE BUILD-UP TEST

TEST WELL DATA South Blanco Pictured Cliffs POOL

Date: _____

TEST WELL: Operator: El Paso Natural Gas Company Well Name & No. Jicarilla 5-B
 Location: 950 fr. S, 925 fr. W lines, M Sec. 27 T. 25 N., R. 4 W
 TD: 3270' Casing: 5 1/2" @ 3270' Tubing: 2" @ 3093'
 Completed: April 24, 1957 First Delivery: December 14, 1957
 Pay Zone: Open Hole interval: _____ or Perforations: 3160' to 3198'
 Stimulation: Sand Water Fractured
 SIPC: 994 SIPT: 994 DAYS SI: 17
 I.P. Test: 12, 108 MCF, 3 hrs. 3/4" Choke: 4427 MCF AOF thru tubing or casing
 Current Deliverability: 1768 MCF, Date Tested: July 17, 1957

WELLS ON SAME BASIC LEASE

Name	Location	Deliverability	Date of Test
Jicarilla #1-B	F 28-25-4	1966	1957
Jicarilla #2-B	G 34-25-4	2185 -	1957
Jicarilla #3-B	O 28-25-4	1819 -	1957
Jicarilla #4-B	D 34-25-4	7575 -	1957
Jicarilla #6-B	B 33-25-4	6181 -	1957
Jicarilla #7-B	J 27-25-4	482 -	

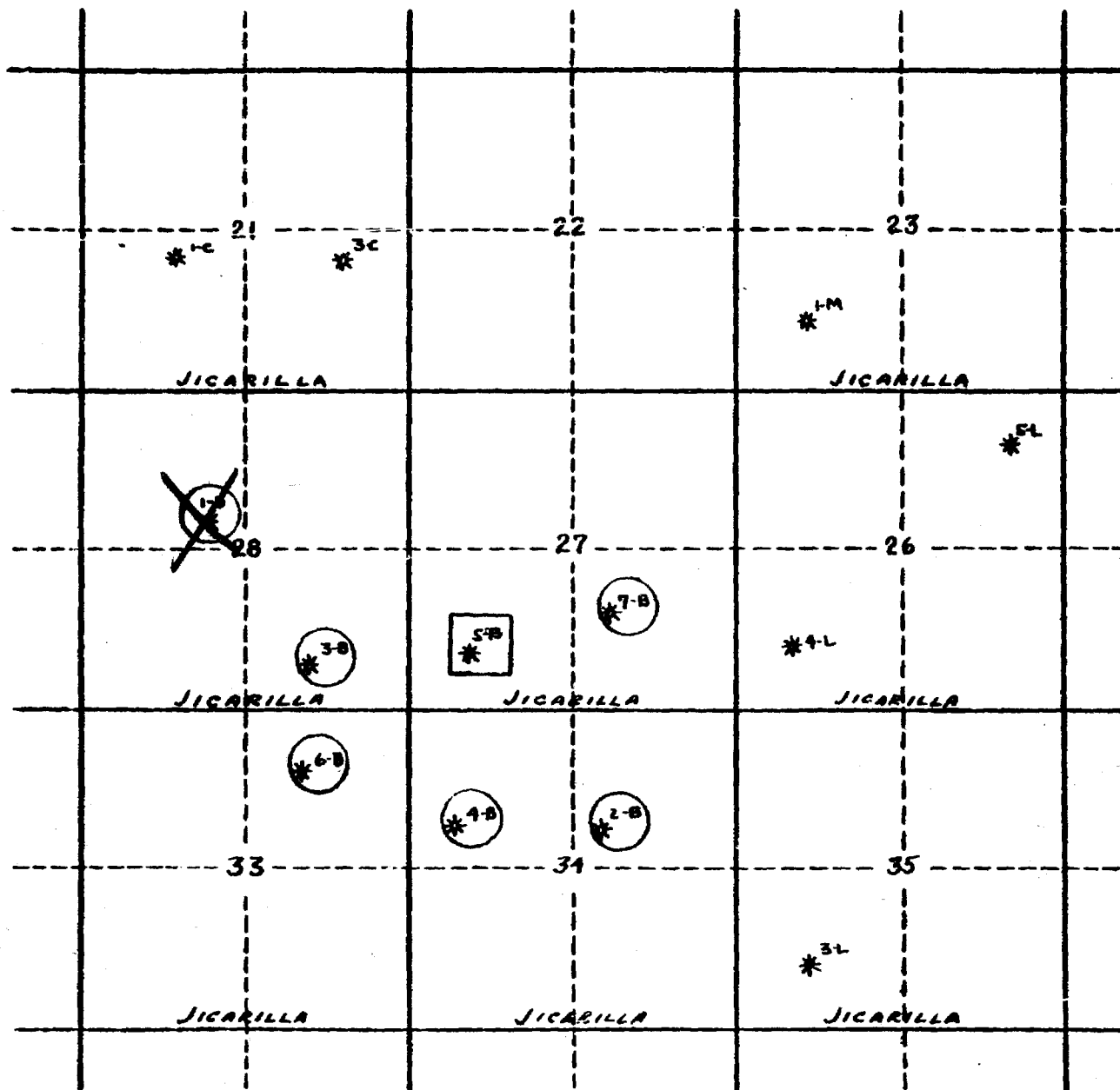
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Proration Department

SAN JUAN COUNTY NEW MEXICO

SOUTH BLANCO PC

TOWNSHIP 25 N RANGE 4 W



JICARILLA #5-B