

IL CONSERVATION COMMISSIO

February 23, 1946

Honorable Clarence E. Hinkle Hervey, Dow & Hinkle Roswell, New Mexico

Re: Case 67 - Order No. 628

My dear Clarence:

This is to acknowledge receipt of the approved copy of the Rocky Arroyo Unit Agreement forwarded in your letter of February 19. Said approved copy is today filed in the case.

Kindert personal regards.

Very truly yours,

Chief Clerk & Legal Adviser

CBL:MS

LAW OFFICES HERVEY, DOW & HINKLE Roswell, New Mexico

February 19, 1946

GEORGE H. HUNKER, JR

J. M. HERVEY HIRAH M. DOW CLARENCE E. HINKLE

W. E. BONDURANT, JR.

New Mexico Oil Conservation Commission Santa Fe, New Mexico

Attention: Carl B. Livingston

Dear Mr. Livingston:

This will acknowledge receipt of your letter of February 15, 1946, relative to the filing or an approved copy of the Rocky Arroyo Unit Agreement with the Oil Conservation Commission.

In view of what you state in your letter and the fact that if production is obtained the allowable will be fixed on the basis of the proration units in the agreement, we have determined that it would be best to file an approved copy with the Commission, which we enclose herewith.

Yours very truly,
HERVEY, DOW & HINKLE
By currel that

CEH/c encls.

cc- Mr. R. A. Pierce Potash Company of America Carlsbaa, New Mexico

OIL CONSERVATION COMMISS N SANTA FE, NEW MEXICO

December 11, 1945

Honorable Clarence Hinkle Hervey, Dow, Hill & Hinkle Roswell, New Mexico

Re: Case No. 67 - Order No. 628.

Dear Clarence:

Enclosed please find an original of the above captioned

order and one copy thereof.

Very truly yours,

Chief Clerk & Legs. Adviser

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CBLINS

AREC & THIL OLL CONSERVATION COEMISSION -OF THI STATE OF LWA FIXICO

IN THE FATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

CASE NO. 67

ORDER NO. 628

THE APPLICATION OF THE POTASH COMPANY OF AMERICA FOR AN ORDER OF APPROVAL OF ROCKY ARROYO UNIT AGREEMENT WHOSE UNIT AREA COVERS 23,040.29 ACRES SITUATED IN TOMNSHIPS 20, 202, 21 AND 22 SOUTH, RANGES 23 AND 24 EAST, EDDY COULTY, NEW PEXICO.

ORDER OF THE COIMISSION

BY THE COMMISSION:

This cause came on for hearing at ten o'clock A.M., December 8, 1945, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this 10th day of <u>lecember</u>, 1945, the Commission having before it for consideration the testimony adduced at the hearing of said case and being fully advised in the premises;

IT IS THEREFORE ORDERED:

That the order herein shall be known as the:

"ROCKY ARROYO UNIT AGREEMENT ORDER"

SECTION 1. (a). That the project herein shall be known as the Rocky Arroyo Unit Agreement and shall hereinafter be referred to as the Project.

(b) That the plan by which the Project shall be operated shall be embraced in the form of unit agreement for the development and operation of the Rocky Arroyo Unit Area referred to in the petitioner's petition and filed with said petition and such plan shall be known as the Rocky Arroyo Unit Agreement Plan.

SECTION 2. That the Rocky Arroyo Unit Agreement Plan shall be and is hereby approved.

SECTION 3. (a). That the Unit Area shall be:

ELNM, NOT, and SE Section 33, All of Sections 34 and 35, Township 20 South, Range 24 East, All of fractional Sections 33, 34, 35 and 36, Township 202 South, Range 23 East. All of Sections 1, 2, 3, 4, 9, 10, 11, 12, 13, 14, 15, 16, 21, 22, 23, 24, 25, 26, 27, 28, 33, 34, 35, and 36, Township 21 South, Range 23 East, All of Sections 1, 2, 3, N2 and N2S2, S2S2 Section 4, E2 Section 9, All of Sections 10 and 11, SM2SW2 and N2SW2 and NW2 Section 12, Township 22 South, Pange 23 East, N.E.P.M., Eddy County, New Mexico. (b) The Unit Area may be enlarged or diminished as provided in said plan.

SECTION 4. That the unit operator shall file with the Commission an executed original, or executed counterparts thereof, of the Rocky Arroyo Unit Agreement not later than 30 days after the effective date thereof.

SECTION 5. That any party owning rights in the unitized substances who does not commit such rights to said Unit Agreement before the effective date thereof may thereafter become party thereto by subscribing to such Agreement or a counterpart thereof. The Unit Operator shall file with the Commission within 30 days an original of any such counterpart.

SECTION 6. That the order herein shall become effective on the first day of the calendar month next following the approval of Commissioner of Public Lands and the Secretary of the Interior and shall terminate ipso facto on the termination of said Unit Agreement. The last Unit Operator shall immediately notify the Commission in writing of such termination.

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

OIL CONSERVATION COMMISSION

JOHN J. DEMPSEY, CHAIRMAN

SECRETARY.

SEAL

BEFORE THE OIL CONSERVATION CONTISSION OF THE STATE OF NEW PEXICO

IN THE PATTER OF THE HEARING CALLED BY THE OIL CONSERVATION CONTISSION OF THE STATE OF NEW MEXICO FOR THE PURPOSE OF CONSIDERINGI

CASE NO. 67

ORDER NO. 628

THE APPLICATION OF THE POTASH COMPANY OF AMERICA FOR AN ORDER OF APPROVAL OF ROCKY ANNOIO UNIT AGREEDENT WHOSE UNIT AREA COVENS 23,040.29 ACRES SITUATED IN TOWNSHIPS 20, 201, 21 AND 22 SOUTH, RANGES 23 AND 24 EAST, NDDY COUNTY, NEW MEXICO.

ORDER OF THE CORLISSION

BY THE COMMISSION

This cause case on for hearing at ten o'clock A.H., December 8, 1945, at Santa Fa, New Maxico, before the Cil Conservation Commission of New Maxico, hereinafter referred to as the "Commission",

NOW, on this 10 th day of Secender, 1945, the Commission having before it for consideration the testimony adduced at the hearing of said case and being fully advised in the premises;

IT IS THEREFORE ORDERED.

That the order herein shall be known as the:

"ROCKY ARROYO UNIT AGREEMENT ORDER"

SECTION 1. (a). That the project herein shall be known as the Hocky Arroyo Unit Agreement and shall hereinafter be referred to as the Project.

(b) That the plan by which the Project shall be operated shall be embraced in the form of unit agreement for the dovelopment and operation of the Rocky Arroyo Unit Area referred to in the petitionor's petition and filed with said petition and such plan shall be known as the Rocky Arroyo Unit Agreement Plan.

SECTION 2. That the Hocky Arroyo Unit Agreement Plan shall be and is hereby approved.

SECTION 3. (a). That the Unit Area shall be:

EinNi, NE, and Si Section 33, All of Sections 34 and 35, Township 20 South, Range 24 East, All of fractional Sections 33, 34, 35 and 36, Township 20 3 South, Range 23 East. All of Sections 1, 2, 3, 4, 9, 10, 11, 12, 13, 14, 15, 16, 21, 22, 23, 24, 25, 26, 27, 28, 33, 34, 35, and 36, Township 21 South, Range 23 East, All of Sections 1, 2, 3, Ny and NyS, Sigs Section 4, Ei Section 9, All of Sections 10 and 11, $3N_3^2SN_3^2$ and $N_3^2SN_3^2$ and NN_3^2 Section 12, Township 22 South, Range 23 East, N.M.P.H., Eddy County, New Nextco. (b). The Unit Area may be enlarged or diminished as provided in said plan.

SECTION 4. That the unit operator shall file with the Commission an executed original, or executed counterparts thereof, of the Rocky Arroyo Unit Agreement not later than 30 days after the effective date thereof.

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SECTION 6. That the order bergin shall become effective on the first day of the calendar month next following the approval of Commissioner of Public Lands and the Secretary of the Interior and shall terminate ipso facto on the termination of said Unit Agreement. The last Unit Operator shall immediately notify the Commission in writing of such termination.

Done at Santa Fe, New NexLeo, on the day and your hereinabove designated.

OIL CONSERVATION COMMISSION

JOHN J. DEMPSEY, CHAINEIAN

(SOD) JOHN E. MILES JOHN K. MILES, MEMBER

(SGD) R. R. SPURRIER R. R. SPURRIER, SECRETARY.

SKAL

LAW OFFICES HERVEY, DOW, HILL & HINKLE ROSWELL NEW MEXICO

November 23, 1945

W. E. BONDURANT, JR.

U.N.HERVEY HIRAM M.OOW CURTIS HILL CLARENCE E .HINALE

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Mr. Carl B. Livingston Chief Clerk & Legal Adviser New Mexico Oil Conservation Commission Santa Fe, New Mexico.

Re: Case 67 - Rocky Arroyo Unit Agreement, Eddy County, N.M.

Dear Carl: This will acknowledge receipt of your letter of November 21st, advising that the above case with others is to be heard before the Oil Conservation Commission on is be heard before the Oil Conservation Commission on December 8, 1945 at 10 o'clock A.M., and which will be

satisfactory.

With kindest regards.

Very truly yours, HILL & HINKLE HERNEY, DOW, BYC

CEH/mds

NETTER FOR PUELICATICS STATE OF NEW HEXTCO OIL CONSERVATION CONFESSION

The Oil Conservation Commission as provided by law hereby gives notice of the following hearing to be held at Santa Fe, New Mexico, at 10 A.M., December 8, 1945:

CASE 67.

In the matter of the application of the Potash Company of America for an order of approval of Rocky Arroyo Unit Agreement whose unit area covers 23,040.29 acres situated in Townships 20, $20\frac{1}{2}$, 21 and 22 South, Ranges 23 and 24 East, Eddy County, New Mexico.

CASE 68.

In the matter of the application of Richfield Oil Corporation for an order of approval of the Lake McMillan Unit Agreement whose unit area lies in the Delaware structural Basin near the northern rim thereof in T. 20 S., R. 26 E., T. 20 S., R. 27 E., T. 21 S., R. 25 E., and T. 21 S. R. 26 E., N.M.P.N., Eddy County, New Mexico

CASE 69.

In the matter of the application of oil operators in Eddy County by Chuck Aston for an order to designate the 1800'-2000' producing horizon in the following described tracts, located in the Premier Field Eddy County, New Mexico, as the Seven Rivers Pool of the Premier Field and that this aforementioned pool have defined pool status in all matters concerning allowable, etc: $S_2^{\frac{1}{2}}$ Sec. 22, $S_2^{\frac{1}{2}}$ Sec. 23, $W_2^{\frac{1}{2}}$ Sec. 25, all sections 26 and 27, T. 175, R. 30E. All oil produced from the Seven Rivers formation to be measured in separate tanks so that pipeline runs can be properly recorded and reported. The major producing zones in the Premier Field are Zones 5 and 6 of the Grayburg formation and encountered at depths from 3100 to 3300'.

In the matter of the application of the New Mexico Nomenclature Committee for an order revising Order 588 defining fields in these respects: To designate all socalled "fields" defined in said order and in all supplements issued thereunder as "pools". Delete from definition of Grayburg-Jackson pool all of secs. 13, 24 and 25, T. 17 S., R. 31 E., and add to definition of Maljamar pool the S2 sec. 13, all of secs. 24 and 25, T. 17 S., R. 31 E. Delete from Empire pool the SE sec. 19, T. 17 S., R. 28 E., and add to Red Lake pool the SE sec. 19, and NE sec. 30, T. 17 S., R. 28 E. Delete from definition of Skaggs pool all of sec. 23, T. 20 S., R. 37 E, and make the following pool definition: All sec. 23, T. 20 S., R. 37 E., to be known as the Penoco pool, to include oil and gas production from the Pennsylvanian formation found in the Skaggs 8-23 well No. 2, SMA HMA sec. 23 at depths of 7700 to 7725 feet through casing perforations. Delete the word "Yeso" from the name Drinkard-Yeso Pool. Delete the word "Ellenburger" from the name Dublin-Ellenburger pool. Appropriate provision and procedure wherein the Oil Conservation Commission may in its discretion adopt in executive session changes of pool boundaries and designation of new pools upon the recommendation of the New Mexico Nomenclature Committee.

CASE 71.

. .

In the matter of the application of Gulf Oil Corporation for an order fixing an appropriate limiting gas-oil ratio for the Drinkard-Yeso Pool and any extensions thereof.

Given under the seal of said Commission at Santa Fe, New Mexico, on November 21, 1945.

OIL CONSERVATION CONFILSSION

BY: ·

R. R. SPURRIER, SECRETARY

SFAL

TIL CONSERVATION COMMISSIO SANTA FE, NEW MEXICO

November 21, 1945

Honorable Clarence E. Hinkle Hervey, Dow, Hill & Hinkle Roswell, New Mexico Re: Case 67 - Rocky Arroyo Unit Agreement

The Commission has set the above captioned case, Dear Clarence: with others, to be heard December 8 at 10 A.M., at Please indicate that you have received this notice. Santa Fe.

Kindest personal regards.

very truly yours,

Chief Clerk & Legal Adviser

CBLINS

IL CONSERVATION COMMISSIO

November 21, 1945

Honorable Glenn Staley Proration Office Hobbs, New Nexico

Dear Glenn:

Attached please find notice of hearing on December 8 at 10 A.M., as to the several cases mentioned in said notice.

Please indicate that you have received this notice.

Kindest personal regards.

Very truly yours,

Chief Clerk & Legal Adviser

CBL

IL CONSERVATION COMMISSIC

November 21, 1945

The Santa Fe New Mexican Santa Fe, New Mexico

> Re: Notice for Publication Cases 67, 68, 69, 70 and 71

Gentlemen:

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

UPON COMPLETION OF THE PUBLICATION, PLEASE SEND PUBLISHER'S AFFIDAVIT.

For payment please submit statement in duplicate accompanied by voucher executed in duplicate. The vouchers must be signed by a notary in the space provided on the back of the voucher. The necessary blanks are enclosed.

Very truly yours,

Chief Clerk & Legal Adviser

CBL:MS

LAW OFFICES HERVEY. DOW. HILL & HINKLE ROSWELL NEW MEXICO

J. M. HERVEY CURTIS HILL CLARENCE E HINKLE

November 7, 1945

W. E. BONDURANT, JR.

Mr. Carl Livingston New Mexico Oil Conservation Commission Re: Rocky Arroyo Unit Agreement Santa Fe, New Mexico

Dear Carí:

We hand you herewith three copies of the proposed Rocky Arroyo Unit Agreement, together with three copies of the application of the Potash Company of America, the operator designated in the unit agreement, requesting that the same be approved by the New Mexico Oil Conservation Commission.

As stated in the application the unit agreement has been executed by a substantial number of owners of the oil and gas leases embracing lands within the unit area and it is expected that the unit agreement will be filed for the approval of the Secretary the early part of next week. Since the form of the unit agreement has been heretofore approved by the U. S. Geological Survey and by the Commissioner of Public London we do not entirize that there will be an Public Lands, we do not anticipate that there will be any considerable delay in obtaining the approval of the unit agreement, and it is hoped that the agreement will be approved by both the Secretary and the Commissioner of public lands by the latter part of this month.

We would like for the commission to set a date during the last week of this month, preferably the last few days in the month, for a hearing on the application, and for you to go ahead and give the required notice by publication.

Yours sincerely, HERVIY, DOW, HIC & HINKLE

CEH/mds Encs

1.00

JOSEF T. SKINNER ATTORNEY AT LAW PRINCETON, ILLINOIS

September 19, 1945.

New Mexico Oil Conservation Commission,

Sante Fe, New Mexico.

Gentlemen:-

According to your records you will find that Mr. Harley Lorenson, of Route 2, Sheffield, Illinois, is the owner of an oil and gas lease issued by the Commissioner of Public Lands of New Mexico, covering the SEL NEL and SWL SEL Sect. 36, Twp. 21 S. R. 23 E. N.M.P.M. Eddy County, New Mexico.

The Potash Company of America has forwarded to him for execution a unit agreement for the development and operation of the Rocky Arryo Unit Area in Eddy County, New Mexico.

Mr. Lorenson has asked me to advise him whether or not to execute this agrement. I feel incompetent to advise him as I know nothing about oil leases, nor these unti agreements.

Will you please give me what information you can so I can advise him as to the advisability of entering into such an agreement. If you are not able to give me such information, I will appreciate it very much if you will inform me how I can get such information. Of course it would be advisable for me to know something about the responsibility of the Potash Company of America. Any information you can give me will be greatly appreciated.

Respectfully yours,

JTS:RR

Josef T. Khanna

answer 9-21-45 mijourily.

OIL CONSERVATION COMMISSI

October 16, 1945

Honorable Clarence Hinkle Hervey, Dow, Hill & Hinkle Roswell, New Mexico

Re: Nocky Arroyo Unit Agreement - Eddy County.

Dear Clarence:

Richfield has filed its petition for approval of its McMillan Unit Agreement, but both the Rocky Arroyo Unit Agreement and the Pure Agreement petitions have not been filed.

It is the Corrission's practice to set all pending petitions for hearing at the same time. Please advise if your petition is to be filed soon.

Kindest personal regards.

Very truly yours,

Chief Clerk & Legal Adviser

CBL: KS

OIL CONSERVATION COMMISS' N SANTA FE, NEW MEXICO

September 13, 1945

Nonorable Clarence Hinkle Hervey, Dow, Hill & Hinkle Roswell, New Mexico

Re: Rocky Arroyo Unit Agreement- Eddy County

Dear Clarence:

It is the Commission's desire that your petition for the approval of the above captioned matter be filed as soon as possible.

The setting for hearing of pending petitions now ready is being held off in order that the petitions for approval of the three pending unit agreements, which have not as yet been filed, may be filed. When the petitions have been filed all pending matters can then be heard at one time.

Very traly yours,

Chief Clerk & Legal Adviser

CBL:MS

OIL CONSERVATION COMMISS N SANTA FE, NEW MEXICO

August 9, 1945

Honorable Clarence Hinkle Hervey, Dow, Hill & Hinkle Roswell, New Mexico

Re: Proposed Rocky Arroyo Unit Agreement, Eddy County.

My dear Clarence:

Reference is made to your conversation by phone yesterday in connection with the above captioned proposed unit agreement. I conferred with Mr. George Graham, Attorney for the State Land Office, this morning and am happy to advise that our mutual view as to said proposed unit agreement is as follows:

Refer to Section 10 "Participation After Discovery". In the fifth line following the phrase "the public land survey" is the following phrase which is objected to and should be stricken "or aliquot parts thereof". The reason is because in both the State Land Office and in the Oil Conservation Commission reckonings are made in accordance with the legal subdivisions as described by the U. S. Public Land Surveys, which does not go below a 40-acre tract or lot. The aliquot parts provision would permit further subdivisions of the standard 40-acre tract or lot.

Both Mr. Greham and I, without binding either the Commission or the Commissioner of Public Lands, find that the proposed unit agreement in other respects is unobjectionable and does not change the state's control as provided in the Picacho Unit Agreement.

With kindest personal regards.

Very truly yours,

Chief Clerk & Legal Adviser

CBL:11S cc George Graham

OIL CONSERVATION COMMISS N SANTA FE, NEW MEXICO

June 30, 1945

MEMORANDUM TO GOVERNOR DEMPSEY:

Re: Proposed Rocky Arroyo Unit Agreement, Eddy County.

Submitted herewith for your information is a copy of the above captioned matter together with copy of letter from Clarence Hinkle, Esquire, dated June 21, 1945, which is selfexplanatory.

This is the same project the Commission was requested to express its willingness to the Secretary of the Interior to proceed without the inclusion of the small amount of scattered state lands within the project. The Secretary of the Interior desires that the state lands be brought into the agreement or else refusals to join by the state lessees to be shown. Therefore, if and when the state parties have joined or refused to join and the Secretary has approved the proposed form of agreement a hearing before your Commission will be necessary.

Heretofore the Picacho Unit Agreement has been taken as a model. The instant agreement makes several changes but these changes affect the operators and do not seem to make any material change insofar as the Oil Conservation Commission and the Commissioner of Public Lands are concerned.

OIL CONSERVATION COMMISSION

Chief Clerk & Legal Adviser

OIL CONSERVATION COMMISS V

June 30, 1945

MENORANDUM TO COMMISSIONER OF PUBLIC LANDS MILES:

Re: Proposed Rocky Arroyo Unit Agreement, Eddy County.

Submitted herewith for your information is a copy of the above captioned matter together with copy of letter from Clarence Hinkle, Esquire, dated June 21, 1945, which is selfexplanatory.

This is the same project the Commission was requested to express its willingness to the Secretary of the Interior to proceed without the inclusion of the small amount of scattered state lands within the project. The Secretary of the Interior desires that the state lands be brought into the agreement or else refusals to join by the state lessees to be shown. Therefore, if and when the state parties have joined or refused to join and the Secretary has approved the proposed form of agreement a hearing before your Commission will be necessary.

Heretofore the Picacho Unit Agreement has been taken as a model. The instant agreement makes several changes but these changes affect the operators and do not seem to make any material change insofar as the Oil Conservation Commission and the Commissioner of Public Lands are concerned.

OIL CONSERVATION COMMISSION

Chief Clerk & Legal Adviser

OIL CONSERVATION COMMISE N SANTA FE, NEW MEXICO

June 30, 1945

Honorable Clarence Hinkle Hervey, Dow, Hill & Hinkle Roswell, New Mexico

Rei Rocky Arroyo Unit Agreement, Eddy County. This is to acknowledge receipt of your letter of Ny dear Clarence:

June 21 with regard to the changes in the above captioned proposed Unit Agreement, which changes you do not deem material insofar as the Commission is concerned. A copy of the proposed Unit Agreement is being submitted to Governor Dempsey and Commissioner of Public Lands Miles, together with a copy of your letter. very truly yours,

Chief Clerk & Legal Adviser

CBLINS

LAW OFFICES HERVEY, DOW, HILL & HINKLE ROSWELL, NEW MEXICO

J. M. RERVEY HIRAM N. DOW CURTIS HILL CLARENCE E. HINKLE

June 21, 1945

Mr. Carl B. Livingston New Mexico Oil Conservation Commission Santa Fe, New Mexico

Dear Carl:

Re: Rocky Arroyo Unit Agreement, Eddy County

I have your letter of June 16th relative to the proposed form of the above agreement.

I believe that you are unduly alarmed about the changes which were made. If you will check the agreement carefully I believe you will find that the changes are in sections which have to do solely with the rights of the working interest owners and that so far as the state and federal interests are concerned and their rights to supervision, etc., they are exactly the same as in the Picacho Unit Agreement. I agree with you that it was desirable Unit Agreement. to work out a form which would be satisfactory to both the state and the Department of the Interior; however, I do not believe that it is the desire of the Commission, the Commissioner, or the Secretary of the Interior to dictate to the owners of the lease rights matters which affect their personal interests. That has always been the attitude of the Department of the Interior and I feel sure that the Commissioner and the Commission will want to take the same stand. In the past the U.S.G.S. has taken the position that they are not concerned with the agreement so far as the rights of the working interest owners are concerned, and that the only thing that must meet their approval is the provisions which have to do with matters of the supervision der compliance with regulations, etc. The form which was forwarded to you has been submitted to the U.S.G.S. in Washington for approval and as soon as we hear from that office I shall be glad to advise you their attitude concerning the matter.

Yours sincerely,

HERVEY, DOW, HILL & HINKLE By

CEH: LF

VIL CONSERVATION COMMISSIC

June 16, 1945

Honorable Clarence Hinkle Hervey, Dow, Hill & Hinkle Roswell, New Mexico

Re: Rocky Arroyo Unit Agreement - Eddy County

My dear Clarence:

This is to acknowledge receipt of the proposed unit agreement noted in the caption, submitted in your letter of June 13.

In a preliminary, quick examination of the agreement I fear that this agreement is a pronounced departure from the Picacho Unit Agreement.

The aituation is simply this: The Commission, the Commissioner of Public Lands and the Secretary of the Interior consumed over ten years in the endeavor to reach a mutually acceptable agreement that was finally accomplished last year in the form of the Picacho Unit Agreement. Both the Commission and the Commissioner of Public Lands fully understand what is acceptable to them when the Picacho Unit Agreement Form is followed, but a distinct departure from that form may or may not be acceptable to those two departments. At any rate a wide variation from the Picacho Unit Agreement form tends to slow up the passing upon the changed form. The underlying idea of selecting the Piceoho Unit Agreement for study was for the express purpose of working out a form that would be acceptable so as not to make it necessary for all departments concerned to make a new detailed study. While the changes in the proposed agreement may not be material, why should the agreement be revised when so much time and study has already been consumed in reaching the Picacho Unit Agreement form that was understood to be mutually acceptable?

With kindest personal regards.

Very truly yours,

Chief Clerk & Legal Adviser

CBL:NS cc George Graham

CARBON

LAW OFFICES HERVEY, DOW, HILL & HINKLE ROSWELL, NEW MEXICO

I. W. HERVEY AIBAN M. DOW LURTIS HILL C. ARENCE E. HINKLE W. C. BONDURANT, JR.

June 13, 1945

Honorable John E. Miles Commissioner of Public Lands State House Santa Fe, New Mexico

Dear Sir:

Re: Rocky Arroyo Unit Agreement, Eddy County, N. H.

We hand you herewith two copies of proposed form for use in connection with the Rocky Arroyo Unit Agreement, Eddy County, New Mexico. We enclose for your information copy of our letter today to Mr. Carl Livingston of the Oil Conservation Commission from which you can see the matters which have transpired heretofore.

As stated in the letter to Mr. Livingston, the Washington office of the U.S.G.S. has required that a substantial portion of the state oil and gas leases within the unit area be committed to the same. The form of the proposed unit agreement is substantially the same form as used in the Picache Unit Agreement which has been heretofore approved by the Commissioner of Public Lands and the Oil Conservation Commission and we would like to have your informal approval of the form before it is finally executed for formal approval. If you have sny objections to the form we should like to be advised of the same as quickly as possible.

With kindest regards, we are,

Yours very truly,

HERVEY, DOW, HILL & HINKING

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OFR: TE

CO-Wr, Carl Livingston Oil-Conservation Commission Sauta Fe, New Mexico LAW OFFICES HERVEY, DOW, HILL & HINKLE ROSWELL NEW MEXICO

U N.HERVEY HIRAN N.DOW CURTIS HILL CLARENCE E.HINKLE

June 13, 1945

Mr. Carl Livingston, Attorney Oil Conservation Commission Santa Fe, New Mexico

Dear Carl:

Re: Rocky Arroyo Unit Agreement -Eddy County, N. M.

You will recall that you very kindly obtained for us a letter from the Commission to the Secretary of the Interior stating that so far as the Oil Conservation Commission was concerned it would not be necessary to commit any state lands to the proposed Rocky Arroyo Unit Agreement.

The Washington office of the U.S.G.S. has required as a condition to the approval of the agreement that a substantial portion of the state oil and gas leases involved be committed to the unit agreement. Consequently we have redrafted the agreement along the lines of the Picacho Unit Agreement which has heretofore been approved by the Oil Conservation Commission and hand you herewith three copies of the same. This agreement is complete except for Exhibit "A" which is the plat which will be attached to the agreement when executed showing the unit area, together with the ownership of the land and leases in the area. You will find that in all of the sections which mention the Secretary, Commissioner and Commission that they conform closely to the provisions of the Picacho agreement. There are a few changes in other paragraphs of the agreement to conform to the U.S.G.S. model form as revised; however, as we see it these are not material as far as the Commissioner and Commission are concerned.

Copies of the proposed form are being submitted for approval of the U.S.G.S. in Washington, and in the meantime we should like for you to consider the form of agreement with the Commissioner of Public Lands and give us an informal expression as soon as possible as to whether there are any objections to the form from the standpoint of either the Commissioner or the Oil Conservation Commission. In other words, we are endeavoring to have the form approved by all parties concerned before it is finally

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executed and submitted for formal approval and your cooperation toward this end will be greatly appreciated.

Yours truly,

HERNEY, DOW, HILL &, HINKLE By

CEH: LF

cc-Commissioner of Public Lands State House Santa Fe, New Mexico

Messrs. Lewis & Grant First National Bank Building Denver, Colorado

Mr. E. C. Finney 3536 Edmunds Street, N.W. Washington 7, D. C.

The Potash Company of America Carlsbad, New Mexico

Mr. Neil H. Wills Carlsbad, New Mexico

LEGAL ADVERTISEMENT

NOTICE FOR PUBLICATION STATE OF NEW MEXICO

Oil Conservation Commission The Oil Conservation Commission The Oil Conservation Commission as provided by law hereby gives no-tice of the following hearing to be held at Santa Fe, New Mexico, at 10 A. M., December 8, 1945: Case 57 In the matter of the application of the Potash Company of America for an order of approval of Recky

of the Potash Company of America for an order of approval of Rocky Arroyo Unit Agreement whose unit area covers 23,040.29 acres situated in Townships 50, 20%. 21 and 22 South, Ranges 23 and 24 East, Eddy County, New Mexico. Case 63 In the matter of the application of Richfield Oil Corporation for an order of approval of the Lake Mc-Millan Unit Agreement whose unit area lies in the Delaware structural Basin near the northern rim there.

Basin near the northern rim there-of in T. 20 S., R. 26 E., T. 20 S., R. 27 E., T. 31 S., R. 25 E., and T. 21 S. R. 26 E., N.M.P.M., Eddy County, New Mexico.

Case 69 In the matter of the application of oil operators in Eddy County by Chuck Aston for an order to desig-nate the 1800'-2000' producing hori-son in the following described tracts, located in the Premier Field Eddy located in the Premier Field Eddy County, New Mexico, as the Seven Rivers Pool of the Premier Field and that this aforementioned pool have defined pool status in all mat-ters concerning allowable, etc: S½ Sec. 22, S½ Sec. 23, W½ Sec. 25, all sections 26 and 27, T. 17S, R. 30E. All oil produced from the Seven Ru-ers formation to be measured in separate tanks so that pipeline runs can be properly recorded and report-ed. The major producing zones in the Premier Field are Zones 5 and en-countered at depths from 3100 to countered at depths from 3100 to 3300'

Case 70 In the matter of the application of the New Mexico Nomenclature Committee for an order revising Or-der 588 defining fields in these re-spects: To designate all so-called "fields" defined in said order and in spects: To designate all so-called "fields" defined in said order and in all supplements issued thereunder as "mols". Delete from definition of Grayburg-Jackson pool all of secs. 13, 24 and 25, T. 17 S., R. 31 E., and add to definition of Maljamar pool the S½ sec. 13, all of secs. 24 and 25, T. 17 S., R. 31 E. Delete from Empire pool the SE¼ sec. 19, T. 17 S., R. 28 E., and add to Red Lake pool the SE¼ sec. 19, and NE¼ sec. 30, T. 17 S., R. 37 E. Delete from definition of Skaggs pool all of sec. 23, T. 20 S., R. 37 E., and make the following pool definition: All sec. 23, T. 20 S., R. 37 E., to be known as the Penceo pool, to include oil and gas production from the Pennsyl-vania formation found in the Skaggs B-23 well No. 2, SW¼ NW¼ sec. 23 at denths of 7700 to 7725 feet through casing perforations. Delete the word "Yeso" from the name "-inkard-Yeso Pool. Delete the word

Affidavit of Publication

State of New Mexico, County of Santa Fe

I,, being first duly sworn,

55.

declare and say that I am the (Business Manager) (Editue) of the

Santa Fo Now Moxican, a daily newspaper, published in the English

Language, and having a general circulation in the City and County of Santa Fe, State of New Mexico, and being a newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 of the Session Laws of 1937; that the publication, a copy which is hereto atached, was published in said paper-once each-week

the regular issue of the paper during the time of publication, and that the notice was published in the newspaper proper, and not in any supplement, once-each-week for

1 time weeks concecutively, the first publication being on the

for said advertisement has been (duly made), or (assessed as court costs); that the undersigned has personal knowledge of the matters and things set forth in this affidavit.

BILL

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...times. \$.....

Tax \$.....

. . . . \$.....

Manager

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Subscribed and sworn to before me this 26 %h

day of November A.D., 194..5... MA Notary Public

My Commission expires

June 14, 1949

NOTICE STATE	
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	State of New Mexico, County of Santa Fe } ss.
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The state of the s	declare and say that I am the (Business Manager) (Editor) of the
STLODOU SSHOT	Santa Fo Now Mexican, a daily newspaper, published in the Engli
Come see ante: modern S-room houses for Sale 102 Houses for Sale 102 Houses for Sale 102 Houses for Sale	Language, and having a general circulation in the City and County of Santa Fe, State New Mexico, and being a newspaper duly qualified to publish legal notices and adve- tisements under the provisions of Chapter 167 of the Session Laws of 1937; that the publication, a copy which is hereto atached, was published in said paper-once each-we
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FOR SALE	1. time
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times, \$	
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STATE LAND OFFICE Canta So, Now Nox100

November 95, 1.

Potanh Company of America Carlabad, Non Monico

Attention of Mr. G. P. Loope

No: Termination of Socky Arrayo Suit Agreemat, Sody County, New Merico

Contiemat

Effective under the conditions herein below stated, the undersigned Company of Public Lends hereby approves Potesh Company of America's (Onit Operator) application to terminate the Souky Arroyo Unit Agreement.

Che conditionet

 (1) Like approval being formally secured from the proper authorities of the Separtment of Interior.
(3) That photostatic copies of the approved plugging orders as ovidence of proper plugging and for intisfaction for Blate Land Office.

it truly govers, John E. miles Ken La series oscietioner of sublic Lande

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OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO, MCC CONSERVATION COMMISSION NEIL H. WILLS P. O. 80X 529 CARLSBAD, N. M. JUL 26 1940 July 23, 1948 د الناط Care 6 Ċ

G rai

New Mexico Oil Conservation Commission Santa Fe, New Mexico

Gentlemen:

Enclosed herewith, Please find one executed copy of "Consent to Dissolution of Unit Agreement For The Development and Operation of the Rocky Arroyo Unit Area, Eddy County, New Mexico.

Very truly yours,

Deil NNIS

Neil'H. Wills

UNITED STATES OF AMERICA DEPARTMENT OF THE INTEPIOR UNITED STATES GEOLOGICAL SURVEY

CONSENT TO DISBOLUTION OF UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE ROCKY ARROYO UNIT AREA, EDDY COUNTY, NEW HEXICO

I. SEC. 432

Obse 67

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, as of September 13, 1945, a certain agreement was made and entered into for the development and operation of the Rocky Arroyo Unit Area, Eddy County, New Mexico, designated as I. Sec. No. 432, embracing the following described lands, to-wit:

ENNE, NEE, and St Beation 33, All of Sections 34 and 35, Township 20 South, Range 24 East, All of fractional Sections 33, 34, 35 and 36, Township 20 South, Range 23 East, All of Sections 1, 2, 3, 4, 9, 10, 11, 12, 13, 14, 15, 16, 21, 22, 23, 24, 25, 26, 27, 28, 33, 34, 35 and 36, Township 21 South, Range 23 East, All of Sections 1, 2, 3, Nz and NSBS, SHEET Section 4, Ext Section 9, All Sections 10 and 11, SWSSWA and NSSW2 and NWT Dection 12, Township 22 South, Range 23 East, N.M.P.M., Eddy County, New Hexico;

and

WHEREAS, said unit agreement was approved by the New Nexico Oil Conservation Commission on December 10, 1945, and by the Commissioner of Public Lands of the State of New Mexico, on December 12, 1945, and by the Secretary of the Interior on January 28, 1946; and

WHEREAS, the Potash Company of America, a Colorado Corporation with offices at Carlsbad, New Mexico, was designated as Unit Operator under the terms of said agreement and, as such operator, commenced the drilling of a test well for oil and gas located in the center of the SELNEL Section 22, Township 21 South, Range 23 East, N.M.P.H., on or about the 28th day of April, 1946, and caused said well to be drilled to a depth of 4,007 feet, but that said well failed to encounter oil or gas in paying quantities and was abandoned on Decembor 5, 1946; and

WHEREAS, said unit agreement providee that the same "may be terminated at any time by consent of the owners of 75%, on an acreage basis, of the owners of working interests signatory" therete with the approval of the Secretary of the Interior; and WHEREAS, the undersigned parties, being the owners

of more than 75% of the working interests, on an acreage basis, of the oil and gas leases committed to said unit agreement, are desirous of terminating the same as provided by the terms of said agreement:

NOW, THEREFORE, the undersigned parties hereby consent to the dissolution and termination of the agreement for the development and operation of the Rocky Arroyo Unit Area, Eddy County, New Mexico, hereinabove referred to, and hereby agree, subject to the approval of the Becretary of the Interior, to the termination of said agreement and hereby request that this consent and termination be approved by the Secretary of the Interior.

IN WITNESS WHEREOF this instrument is executed on this the 19th day of July, 1948.

POTASH CRHPANY OF AMERICA By

ATTEST: Secretary aut

Unit Operator and co-owner of Operating Agreements covering Federal Leases.

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Neil H. Ville

Co-Operator under Operating Agreements

Co-Operator under Operating Agreements covering Federal Leases.

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Record Owner of Oil and Gas Lease Las Gruces Berial No. 061741

Ray Hobbs

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<u>6.</u>

-0-D. Aiggs

-0--0-

Edith Rigge

+0-Mary

Hrs. Estelle G. Hoods -0-Louise Wertheim

Thomas A. Brown

Record Owner of Oil and Gas Lease Las Gruces Serial No. 061764

Record Owner of Oil and Gas Lease Las Gruces Serial No. 061744

Record Owner of Oil and Gas Lease Las Gruces Serial No. 061746

Record Owner of Oil and Gas Lease Las Gruces Serial No. 061745

Record Owner of 011 and Cas Lease Las Cruces Serial No. 061743

Record Owner of 011 and Gas Lease Las Cruces Serial No. 061663

Record Owner of Oil and das Lease Las Gruces Serial No. 061747

Record Owner of 011 and Gas Lease Las Cruces Serial No. 061766

BEFORE THE OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

CASE NO. 67

IN THE MATTER OF THE APPLICATION OF THE POTASH COMPANY OF AMERICA FOR AN ORDER OF APPROVAL OF ROCKY ARROYO UNIT AGREEMENT WHOSE UNIT AREA COVERS 23,040.29 ACRES SITUATED IN TOWNSHIPS 20, 20¹/₂, 21 AND 22 SOUTH, RANGES 23 and 24 EAST, EDDY COUNTY, NEW MEXICO.

Pursuant to notice by the Commission, duly made and published setting December 8, 1945 at 10 o'clock A. M., for hearing in the above entitled matter, said hearing was convened on said day, at said hour, in the New Mexican Room of the La Fonda, Santa Fe, New Mexico, the Commission sitting as follows:

HON. JOHN E. MILES, State Land Commissioner, Member HON. R. R. SPURRIER, State Geologist, Secretary HON. CARL B. LIVINGSTON, Chief Clerk & Legal Adviser

REGISTER

COMPANY

NAME

Glenn Staley Clarence Hinkle Geo. D. Riggs George W. Selinger E. J. Gallagher Paul C. Evans Harry A. Aurand M. W. Phelan George K. Gibson Thomas F. Rico T. P. Ellsworth Lewis Finch, Jr. J. O. Seth, Atty John M. Kelly C. S. Rose G. H. Gray Robert A. Pierce L. W. Lodwick Roy O. Yarbrough Foster Morrell Chfick Aston Robert L. Bates

Lea County Operators Potash Company of America, Atty. Geologist Skelly Oil Company Gulf Oil Corporation Gulf Oil Corporation Potash Company of America Richfield Oil Corporation Richfield Oil Corporation Richfield Oil Corporation Richfield Oil Corporation Stanolind Oil & Gas Company Stanolind Oil & Gas Company Geologist Repollo Oil Company Repollo Oil Company Potash Company of America Independent Oil Conservation Commission U. S. Geological Survey Consulting Geologist State Bureau of Mines & Mineral Resources

Midland, Texas Los Angeles Bakersfield,Cal. Ft. Worth, Tex. Santa Fe,N.M. Roswell, N.M. Midland, Texas Midland, Texas Carlsbad, N.M. Roswell, N. M. Hobbs, N. M. Roswell, N. M. Artesia, N. M.

Socorro, N. M.

"NOTICE FOR PUBLICATION STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

The Oil Conservation Commission as provided by law hereby gives notice of the following hearing to be held at Santa Fe,

ADDRESS

Hobbs, N. M.

Rosweil, N.M.

Carlshad, N.M.

Tulsa, Okla. Hobbs, N. M. Hobbs, N. M. Carlsbad, N.M.

Los Angeles,

New Mexico, at 10 o'clock A. M., December 8, 1945:

CASE NO. 67.

IN THE MATTER OF THE APPLICATION OF THE POTASH COMPANY OF AMERICA FOR AN ORDER OF APPROVAL OF ROCKY ARROYO UNIT AGREEMENT WHOSE UNIT AREA COVERS 23,040.29 ACRES SITUATED IN TOWNSHIPS 20, 20, 21, 21 AND 22 SOUTH, RANGES 23 and 24 EAST, EDDY COUNTY, NEW MEXICO.

Given under the seal of said Commission at Santa Fe, New Mexico, on November 21, 1945.

OIL CONSERVATION COMMISSION BY: (SGD) R. R. SPURRIER R. R. SPURRIER, SECRETARY.

SEAL"

<u>PROCEEDINGS</u>

MR. CLARENCE HINKLE (Attorney for Potash Company of America) Application has been made by the Potash Company of America for the approval of unit agreement development of Rocky Arroyo, in Eddy County, New Mexico. Copies of unit agreement are filed with the The form of the agreement in so far as it relates acts Commission. to be performed by the Commission, Secretary of Interior and Commissioner of Public Lands, substantially the same as a unit agreement the Commission heretofore approved, known as the Picacho Unit Agreement. The proposed unit area covers approximately 23,000 acres of which 2126.76 are Federal lands, 2619.71 acres State lands, and 298.82 acres patented lands. The area stated is in Townships 20S, 212, 21, and 22 South, Ranges 23 and 24 East, Eddy County. The unit agreement is believed to be the area that covers the entire structure. it is believed in the event oil or gas in commercial quantities is discovered, it should be conserved under the terms of the agreement, the Potash Company of America agrees within 6 months from the effective date of agreement to begin operations in drilling their test well, to a depth of 4,000 feet unless the oil or gas in commercial quantities is found at a lesser depth.
(After being duly sworn, Mr. George D. Riggs testified as follows)

MR. HINKLE: Your name George D. Riggs?

MR. RIGGS: Yes, sir.

MR. HINKLE: Resident of Carlsbad?

MR. RIGGSL Yes, sir.

MR. HINKLE: What is your profession?

MR. RIGGS: Petroleum Geologist.

MR. HINKLE: Are you a graduat c any college?

MR. RIGGS: Graduate of Colorado School of Mines.

MR. HINKLE: What year?

MR. RIGGS: 1926.

MR. HINKLE: Give to the Commission a brief resume of your professional career.

MR. RIGGS: Since 1926 I have been employed by major oil companies as consulting geologist the entire time.

MR. HINKLE: Have you ever performed any magnetometer work?

MR. RIGGS: I have been engaged in magnetometer work since 1939.

MR. HINKLE: In what areas has your work been?

MR. RIGGS: West Texas and Eastern New Mexico.

MR. HINKLE: The entire eastern and southeastern?

MR. RIGGS: Mostly Southeastern.

MR. HINKLE: Have you made a magnetic survey of the area known as Rocky Arroyo situated in Townships 20, $20\frac{1}{2}$, 21 and 22 South Ranges 23 and 24 East, Eddy County, New Mexico?

MR. RIGGS: I made the survey in 1943. MR. HINKLE: I hand you herewith plat and ask you to explain to the Commission what it reflects.

MR. RIGGS: This map shows the result of the magnetic survey of the area and it is contoured in 10 gamma interval, covers the unit for that and it shows the magnetic economy, and these contours represent lines of equal magnetic intensity,

-3-

MR. HINKLE: What does the red boundary line indicate?

MR. RIGGS: The outline of the unit area. MR. HINKLE: In your opinion would the contours shown on this map fairly represent the structural condition in that area?

MR. RIGGS: Yes they would. The area includes all acreage in the contour.

MR. HINKLE: Are you familiar with the unit agreement?

MR. RIGGS: Yes, I have read it.

MR. HINKLE: State whether or not in your opinion if it is approved it would improve the conservation of oil and gas in this area.

MR. RIGGS: I think it would in that entire structure.

MR. HINKLE: Does the unit area in your opinion cover substantially all the structure?

MR. RIGGS: Yes it does. Includes all of it. The contour goes well down on the plan.

(After being duly sworn, Mr. Harry A. Aurand testified as follows:)

MR. HINKLE: Your name Harry Aurand?

MR. AURAND: It is.

MR. HINKLE: Where do you reside?

MR. AURAND: Denver, Colorado.

MR. HINKLE: What is your profession?

MR. AURAND: Petroleum geologist and geophysicist.

MR. HINKLE: Are you a graduate geologist?

MR. AURAND: I am.

MR. HINKLE: What school?

MR.AURAND: University of Colorado.

MR. HINKLE: Give the Commission a brief resume of your professional career.

MR. AURAND: Started with working for Colorado Geological Survey after I graduated in 1912. After the last war it was confined entirely to petroleum geology in the Rocky Mountain Area. In 1926 I was, in addition to my geological

-4-

duties, placed in charge of all geophysics. Went back to school studied for a year, and have had a considerable part of my work - has been involved in geology and as geophysicist

MR. HINKLE: Have you performed a good deal of work in New Mexico? MR. AURAND: In years gone by.

MR. HINKLE: In the entire state?

MR. AURAND: In the Northwestern and Eastern part.

MR. HINKLE: Have you done any work in Southwestern Ngw Mexico? MR. AURAND: I have.

MR. HINKLE: In Eddy County?

MR. AURAND: Yes.

since that time.

MR. HINKLE: Have you been consulting geologist for the Potash Company of America:

MR. AURAND: I have.

MR. HINKLE: Recently?

MR. AURAND: The last three years.

MR. HINKLE: Have you had occasion to go over the Rocky Arroyo Unit area in Eddy County?

MR. AURAND: I went over certain work with Mr. Riggs in the field.

MR. HINKLE: Mr. Aurand I hand you herewith the Potash Company of America's Exhibit "A", and ask you whether you are familiar with this map?

MR. AURAND: I am.

MR. HINKLE: State whether or not in your opinion the map correctly reflects the magnetic condition shown by the survey of Mr. George Riggs.

MR. AURAND: It does.

MR. HINKLE: Do the contours as shown on the map reflect the structural condition existing in that area?

MR. AURAND: I believe they do.

MR. HINKLE: The red boundary line is the outline of the unit area, state whether or not in your opinion the unit covers all the structure involved.

MR. AURAND: I believe it does.

MR. HINKLE: Mr. Aurand, are you familiar with the Rocky Arroyo Unit Agreement?

MR. AURAND: Yes, I am.

MR. HINKLE: State whether or not in your opinion the unit would be effective in oil-gas commercial quantities to control the area in which the unit area is located.

MR. AURAND: I believe it would.

MR. HINKLE: Would it be in the interest of conservation?

MR. AURAND: It would.

MR. HINKLE: That is all.

MR. JOHN KELLY: Mr. Hinkle, in Section 12 of the agreement, which is entitled "For the Development and operation of the Rocky Arroyo Unit Area" - Development or Operation on Non-Participating Land, would it be agreeable to the Potash Company of America to have the approved land for development as it produces set as a hearing before the Commission?

MR. HINKLE: I believe so, I believe that would be the proper construction of it.

COMMISSIONER MILES: Under Section 12, after production is obtained, a plan of development and operation must be set up. Some operators have not joined the unit agreement and I would like to have the approved well location set up at an approved hearing rather than executive meeting of the Commission.

MR. HINKLE: I believe you are referring to the wrong section, another section which provides for the selection of the participating area for submitting of land for development of the participating area.

-6-

Section 9, I believe, Plan of Further Development and Operation. Under that after 60 days after completion a plan is submitted by the operator for approval of the Supervisor, the Commissioner of Public Lands and the Oil Conservation Commission. If that plan is acceptable the unit goes ahead with the development as outlined. That plan can be changed from time to time as conditions change. Probably only approved for a year or two at the time. Probably be changed so as to reflect the true condition of production. I think that is what you have in mind.

> MR. KELLY: That is on participating area, I have in mind the known participating area. Any operation in the near participating area will be prohibited.

MR. HINKLE: Naturally the unit operator is going to develop the participating area first, after that is fully developed and drilling is justified it will be expanded so that at all times it will include what is reasonably known or proven by the drilling. It will include lands first in the known participating area. Under Section 12, anybody dissatisfied with the development would have a right, in the event the unit operator refused to do so, to drill a well of his own accord. If the well proved to be suitable for the participating area the operator would have to reimburse the person that drilled the well to the extent of 150%.

> MR. KELLY: It will have to be drilled under regular well location, established unit or plan of development.

MR. HINKLE: That means the 40 adres.

MR. KELLY: If it means 40 acres that is satisfactory to us, we have no objections to this agreement as drawn.

MR. SPURRIER: In consideration of the testimony offered, and the evidence presented here at this hearing, the Commission does approve this case.

-7-

<u>CERTIFICATE</u>

I, Vastie Fowler, Reporter for the Oil Conservation Commission, hereby certify that I took down the statements made at the hearing held before the Commission on December 8, 1945, in the matter of the application of the Potash Company of America for an order of approval of Rocky Arroyo Unit Agreement whose unit area covers 23,040.29 acres situated in townships 20, $20\frac{1}{2}$, 21 and 22 South, ranges 23 and 24 east, Eddy County, New Mexico, Case No. 67, and that the foregoing transcript constitutes, to the best of my knowledge and belief, a true and correct copy of all the oral statements and exhibits presented before the Commission.

Utetie Bouler Vastie Fowler, Reporter



I-Sec. No. 432

UNIT AGREEMENT

1. 1945 Unit of March 1945

FOR THE DEVELOPMENT AND OPERATION OF THE ROCKY ARROYO UNIT AREA EDDY COUNTY STATE OF NEW MEXICO

I. Sec. No.

This agreement, entered into, as of the $\underline{/3^{\prime\prime\prime}}$ day of <u>september</u>, 1945, by and between the parties subscribing or consenting hereto,

W-I-T-N-E-S-S-E-T-H:

Section of a real

WHEREAS, the parties hereto are the owners of operating, royalty, or other oil or gas interests in the unit area subject to this agreement;

WHEREAS, it is the purpose of the parties hereto to conserve natural resources, prevent avoidable waste, and secure other benefits obtainable through development and operation of the unit area subject to this agreement under and pursuant to the provisions of sections 17, 27, and 32 of the Act of Congress approved February 25, 1920, entitled "An Act to promote the mining of coal, phosphate, oil, oil shale, gas and sodium on the public domain, "41 Stat. 443, 448, 450, as amended or supplemented by the acts of March 4, 1931, 46 Stat. 1523, and August 21, 1935, 49 Stat. 676; 30 U.S.C. 226, 184 and 189;

WHEREAS, the Commissioner of Public Lands of the State of New Mexico is authorized by an Act of the Legislature (Chap. 88, Laws 1943) to consent to or approve this agreement on behalf of the state of New Mexico, insofar as it covers and includes lands and mineral interests of the State of New Mexico; and WHEREAS, the Oil Conservation Commission of the State of New Mexico is authorized by an Act of the Legislature (Chap. 72, Laws 1935) to approve this agreement and the conservation provisions hereof;

NOW, THEREFORE, for and in consideration of the premises and the promises hereinafter contained, the parties subscribing hereto and the parties consenting hereto agree as follows:

ENABLING ACT 1. The act of February 25, 1930, <u>Supra</u>, as <u>AND</u> <u>REGULATIONS</u> amended, and all pertinent regulations heretofore and all pertinent and reasonable regulations hereafter issued thereunder, and not inconsistent with the provisions hereof, including operating regulations, are accepted and made a part of this agreement. Likewise, the Act of the Legislature of the State of New Mexico (Chap. 88, Laws 1943) and the Act of the Legislature of the State of New Mexico (Chap. 72, Laws 1935) and all pertinent regulations issued under the latter Act are hereby accepted and made part of this agreement.

DEFINITIONS 2. For all purposes of this agreement, certain terms used herein are defined

as follows:

(a) "Secretary" shall mean the Secretary of the Interior of the United States and those persons or agencies duly authorized to act for and in his behalf.

(b) "Supervisor" shall mean the Oil and Gas Supervisor of the United States Geological Survey and those persons or agencies duly authorized to act for and in his behalf.

(c) "Commissioner" shall mean the Commissioner of Public Lends of the State of New Mexico.

-2-

(d) "Commission" shall mean the Oil Conservation Commission of the State of New Mexico and those persons duly authorized to act for and in its behalf.

UNIT AREA 3. The following described lands are hereby designated and recognized as

constituting the unit area;

The Unit Operator, with the consent of a majority in interest of the Working Interest Owners, and subject to the approval of the Secretary, the Commissioner and the Commission, may enlarge the unit area to include other lands believed to be commercially productive of the unitized substances, or shall, subject to approval of the Secretary, the Commissioner and the Commission, diminish the unit area to exclude lands not in any participating area hereunder believed to be barren of the unitized substances.

Exhibit "A" attached hereto is a map on which is outlined the herein established Unit Area, together with the ownership of the land and leases in said Area. Exhibit "B" attached hereto is a schedule showing the nature and extent of ownership of oil and gas rights in all land in the Unit Area to which this unit agreement will become applicable by signature hereto, or to a counterpart hereof by the owners of such rights, and hereinafter referred to as "unitized lands". Said exhibits shall be revised by the Unit Operator whenever any change in the Unit Area or ownership of rights render such change necessary, and the revised exhibits shall be filed with the record of this agreement.

-3-

UNITIZED SUBSTANCES

4. All oil, gas, natural gasoline, and associated fluid hydrocarbons producible from land subject to this agreement, in any and all sands or horizons, are unitized under the terms of this agreement and hereinafter are

called "unitized substances".

UNIT OPERATOR 5. The Potash Company of America, a Colorade Corporation with offices at Carlsbad, New Mexico, is hereby designated as Unit Operator and by signature hereto commits to this agreement all interests in unitized substances vested in it as set forth in the schedule attached hereto marked Exhibit B and agrees and consents to accept the duties and obligations of Unit Operator to conduct and manage the operation of said unit area for the discovery and development of unitized substances as herein provided. Herein whenever reference is made to the Unit Operator, such reference is understood to mean the unit operator acting in that capacity and not as an owner of interests in unitized substances, and whenever reference is made to an owner of unitized substances, such a reference shall be understood to include any interests in unitized substances owned by the Unit Operator.

The Unit Operator shall have the right to resign at any time provided that any well drilled hereunder is placed in a satisfactory condition for suspension, or is satisfactorily abandoned under the Federal Oil and Gas Operating Regulations, if on Federal land, and under the laws of the State of New Mexico, and the rules and regulations of the Commission, if on state or patented land, but no Unit Operator shall be relieved from the duties and obligations of Unit Operator for a period of three (3) months after notice of intention to relinguish such duties and obligations has been served by him on all other parties hereto and the Secretary and the Commissioner, unless a new Unit Operator shall have been selected and approved and shall have taken over and assumed the duties and obligations of the Unit Operator prior to the date on

-4-

which relinquishment by or removal of Unit Operator becomes effective. The parties hereto or a duly qualified new Unit Operator may purchase at its then depreciated market value all or any part of the equipment, material, and appurtenances in or upon the land subject to this agreement, owned by the retiring Unit Operator, in its capacity as such operator, or make other arrangements satisfactory to the retiring Unit Operator for the use thereof, provided that no such equipment, material, or appurtenances so selected for purchase shall be removed prior to the effective date of Unit Operator's retirement. Any equipment, material, and appurtenances not so purchased or arranged for as to the use thereof within said time limit and not necessary for the preservation of wells may be removed by the retiring Unit Operator at any time within six (6) months after his relinquishment or removal becomes effective, but if not so removed shall become the joint property of the owners of working interest rights in land then subject to this agreement. The termination of any rights as Unit Operator under this agreement shall not of itself terminate any right, title, or interest which the Unit Operator may then have in the unitized substances, but the Unit Operator shall have the right and option in connection with its resignation to reassign or retransfer to its several predecessors in interest all of its interest in the lands and leases severally acquired from them, together with its working interest in the unitized substances, and upon such delivery be discharged from any future liability as a working interest owner hereunder; said reassignments to be effective as to said transferee thereupon, subject, however, to the approval of the Secretary as to transfers of interest in lands of the United States and subject, however, to the approval of the Commissioner as to interests in lands of the State of New Mexico.

-5-

SUCCESSOR UNIT

Whenever the Unit Operator shall 6, OPERATOR discontinue or relinquish his rights as Unit Operator or shall fail to fulfill his duties and obligations as Unit Operator under this agreement, the owners of the Majority of the unitized working interests in the participating area on an acreage basis, or the owners of working interests according to their total acreage interest in the unit area until a participating area shall have been established, shall select a new Unit Operator, provided that if the majority of the working interests rights which are at any time qualified to vote in selecting a new Unit Operator are owned by one party to this agreement then a vote of at least two owners of working interests qualified to vote shall be required to select a new operator. Such selections shall not become effective until (a) a Unit Operator so selected shall agree and consent in writing to accept the duties and responsibilities of Unit Operator, and (b) the selection shall have been approved by the Secretary and the Commissioner. In the absence of the selection of an acceptable Unit Operator by the working interest owners within (6) months after notice by Unit Operator of intention to relinguish its rights as Unit Operator, this unit agreement shall automatically terminate.

The Unit Operator shall be subject to removal by the Working Interest Owners in the same manner as herein provided for the selection of a new Unit Operator.

RIGHTS AND OBLIGATIONS	7.	Except as hereinafter specified, the ex-
OF UNIT OPERATOR		clusive right, privilege and duty of exer-
UNII UPERATUR		cising any and all rights of the parties

-6-

signatory hereto which are necessary or convenient for prospecting for, producing, storing, and disposing of the unitized substances are hereby vested in the Unit Operator and shall be exercised by said Unit Operator as provided in this agreement. Acceptable evidence of title to said rights shall be deposited with said Unit Operator and, together with this agreement, shall constitute and define said Unit Operator's rights, privileges, and obligations in the premises; provided, that nothing herein shall be construed to transfer title to any land, or to any operating agreement or leases, it being understood that under and pursuant to this agreement the Unit Operator, in its capacity as Unit Operator shall exercise the rights of possession and use vested in the parties hereto only and exclusively for the purposes herein specified. The Unit Operator shall pay all costs and expenses of operations with respect to the unitized land, and no part thereof shall be charged to the royalty owners. The matter of allocation and handling such costs and expenses is left to private arrangement between the Unit Operator and the other working interest owners. The Unit Operator shall render to the owners of unitized interests entitled thereto an account of the operations on unitized lands during the previous calendar month, shall pay in value or deliver to each party entitled thereto a proportionate and allocated share of the products produced hereunder, and account for all costs and benefits of operations under this agreement in conformity with operating agreements, leases or other independent contracts between the Unit Operator and the parties hereto either collectively or independently.

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The development and operation of land subject to this agreement under the terms hereof shall be deemed full performance by Unit Operator of all obligations for such development and operation with respect to each and every part or separately owned tract subject to this agreement, regardless of whether there is any development of any particular part or tract of the unit area, notwithstanding anything to the contrary in any lease, operating agreement or other contract by and between the parties hereto, or any of them.

DRILLING 8. Within six (6) months from the effec-TO DISCOVERY tive date of this agreement, Unit Operator shall begin operations in the unit area to drill an adequate test well at a location upon the Unit Area to be approved by the Supervisor, if such location is upon lands of the United States, and if upon State lands or patented lands, such location shall be approved by the Commission, and having commenced such operations shall continue such drilling diligently until said well shall have been drilled to a depth not less than 4000 feet unless oil or gas which can be produced in paying quantities is encountered in said well at a lesser depth or unless, at a lesser depth, an igneous or metamorphic formation or some other condition or formation is encountered which would render further drilling inadvisable or impractic-If said first well, drilled as aforesaid, fails to able. encounter the unitized substances, Unit Operator or his successor shall thereupon commence within six (6) months after the completion of the former well, and drill, one at a time, additional wells until a productive well is

--8--

completed to the satisfaction of the Supervisor and Commissioner, or until it is reasonably proved that the unitized land is incapable of producing the unitized substances; provided that the Secretary and Commissioner may grant extension of time for the commencement of any such well; and provided further that nothing herein contained shall preclude any Operator from effectively resigning as provided in Section 5 hereof before any obligation to commence a second or subsequent well accrues hereunder, and be relieved of the obligation to commence such well. Upon failure to comply with the drilling requirements of this section the Secretary may, after reasonable notice, declare this unit agreement terminated.

DEVELOPMENT AND OPERATION

PLAN OF FURTHER 9. Within sixty (60) days from completion of a well capable of producing the unitized sub-

stances as aforesaid, Unit Operator shall submit for the approval of the Supervisor, the Commissioner, and the Commission an acceptable plan of development for the Unit Area, which plan or a subsequent modification thereof, when so approved shall constitute the further drilling and operation obligations of Unit Operator. Reasonable diligence shall be exercised by the Unit Operator in complying with the drilling and producing obligations of the approved plan of development and said plan shall, subject to like approval be modified or supplemented in whole or in part from time to time as may be required to meet changed conditions or to protect the interests of all parties to this agreement and the further obligations of the Unit Operator shall be conformed thereto; provided that in no event shall the operator under any such plan, or otherwise, be under any obligation to drill any well to any formation that does not afford a fair possibility for encountering the unitized substances in paying quantities. Well drilling operatons including well completions, producing practices and well abandonments, shall be in accordance with the Plan of Development and Operation. All operations thereunder shall be subject to the approval of the Supervisor as to wells on federal land and by the Commission for wells on state and private land.

-9-

During any period when it shall appear that an acceptable plan of development cannot be adopted because of the inability of the Supervisor, the Commissioner and the Commission to agree upon the terms thereof, the Unit Operator may, in accordance with the applicable regulations referred to in Section 1 hereof, proceed with reasonable diligence to drill other wells to determine the limits of production and to develop the productive portion of the unit area, and may and shall operate all productive wells in conformity with good operating practices, and the conservation principles of this agreement.

PARTICIPATION 10. Upon completion of a productive AFTER DISCOVERY well as aforesaid, Unit Operator shall submit for the approval of the Secretary, the Commissioner and the Commission a schedule of lands based on subdivisions of the public land survey, including all subdivisions one-half or more of the acreage of which is then regarded as reasonably proved to be productive of unitized substances in paying quantities; all land in said schedule, when approved, to constitute a participating area effective as of the date of first production. Said schedule shall set forth the percentage acreage interest of each owner of rights in the participating area thereby established. Such percentage acreage interest shall govern the allocation of production from and after the date the participating area becomes effective. With the approval of the Secretary, Commissioner and the Commission, a separate participating area may be established for any separate deposit of unitized substances or for any group of such deposits. The participating area or areas so established shall be enlarged

-10--

from time to time in like manner and subject to like approval whenever such action appears proper as a result of further drilling operations to include additional land then regarded as reasonably proved to be productive in paying quantities, and a new schedule of percentage acreage interests conformable thereto shall thereupon be fixed. The effective date of any such enlargement shall be the first of the month next following the month in which the well is completed which demonstrates the propriety of the enlargement, and any unitized substances theretofore produced from such well shall be allocated to the lease on which the well is drilled. A well shall be deemed completed when equipped and successfully tested for production, all of which shall be done diligently. No land once included in a participating area shall be excluded from such participating area on account of depletion of the unitized substances therefrom, or for any cause save loss of title. It is the intent of this Section that a participating area shall at all times represent as nearly as possible the area known or reasonably estimated to be productive in paying quantities; but, regardless of any increase in the participating area, nothing herein contained shall be construed as requiring any retroactive apportionment of any sums accrued or paid for production obtained prior to the effective date of increase of the participating area.

Until a participating area or areas has or have been established as herein-provided, or in the absence of agreement at any time between the Unit Operator, the Secretary, the Commissioner, and the Commission as to the proper boundaries of a participating area, the portion of all payments affected by such absence of agreement, except the royalties due the United States and the State of New Mexico, may be impounded in a mutually acceptable bank.

-11-

ALLOCATION OF 11. Except as provided in Section 12, all PRODUCTION --ROYALTIES unitized substances produced under this

agreement, except any part thereof used for production and development purposes thereunder, or unavoidably lost, shall be deemed to be produced equally on an acreage basis from the several tracts of land of the participating area, and for the purpose of determining any benefits that accrue on an acreage basis as a result of operations under this agreement, each such tract shall have allocated to it such percentage of said production as its area bears to the said participating area. Unitized substances produced from any participating area and used in conformity with good operating practice under an approved plan of operation for repressuring or cycling in any participating area shall be free from any royalty charge. If Unit Operator introduces gas obtained from sources other than the unitized substances into any participating area hereunder for use in repressuring, stimulation of production or increasing ultimate recovery in conformity with a plan first approved by the Supervisor, the Commissioner and the Commission, a like amount of gas, with due allowance for loss or shrinkage thereof from any cause, may be drawn from the formation into which the gas was introduced, royalty free as to dry gas but not as to the products extracted therefrom, provided that such withdrawal shall be at such time as may be provided in the plan of operation or as may otherwise be consented to by the Supervisor, the Commissioner and the Commission, as conforming to good petroleum engineering practice, and provided further that such right of withdrawal shall terminate on the termination of the unit.

Except as otherwise herein provided, royalties shall be paid or delivered as provided by existing leases or contracts,

-12-

at the lease or contract rate upon the unitized substances allocated to the lease or tract. Settlement shall be made on or before the 20th day of each month for the unitized substances produced during the preceding calendar month. Such royalties shall be paid by the party operating the wells, but nothing herein shall operate to relieve the lessees, or any of them, of their obligation to pay rentals and royalties under the terms of their respective leases.

The right is hereby secured to the United States and the State of New Mexico under existing or future laws and regulations to elect to take their respective royalty shares in kind or value.

DEVELOPMENT	12.
OR OPERATION	
ON NON-PARTICI-	
PATING LAND	

Any party hereto other than Unit Operator owning or controlling a majority of the working interest rights in

any unitized tract included in the non-participating area having thereon a regular well location in accordance with a well-spacing pattern established under an approved plan of development and operation may drill a well at such location at his own expense, unless within 90 days of receipt of notice from said party of his intention to drill the well Unit Operator elects and commences to drill such well in like manner as other wells are drilled by Unit Operator under this agreement.

If such well is not drilled by Unit Operator and results in production such that the land upon which it is situated may properly be included in a participating area, the party paying the cost of drilling such well shall be reimbursed one hundred fifty percent (150%) of the average cost of drilling similar producing wells in the unitized area, and the well

-13-

shall be operated pursuant to the terms of this agreement all as though the well had been drilled by the Unit Operator.

If any well drilled by Unit Operator or by an owner of working interest rights as provided in this section obtains production insufficient to justify inclusion in a participating area of the land on which said well is situated, said owner of working interests at his election, within 30 days of determination of such insufficiency, shall be wholly responsible for and may operate and produce the well at his sole expense and for his sole benefit. If such well was drilled by Unit Operator, said owner of working interests shall pay the Unit Operator a fair salvage-value price for the casing and other equipment left in the well.

Wells drilled at the sole expense of any party other than Unit Operator or produced at his sole expense and for his sole benefit shall be subject to the drilling and producing requirements of this agreement the same as though drilled or produced by Unit Operator; and royalties in amount or value of production from any such well as well as rental charges, if any, shall be paid as specified in the lease affected, unless otherwise authorized in writing by the lessor.

RETTAL AND 13. The Unit Operator, on behalf of the ROYALTY PAYMENTS respective lessees, shall pay, or at the election of the Secretary of the Interior as to Federal leases and at the election of the Commissioner as to State leases shall deliver in kind, all royalties and shall pay all rentals due the United States and the State of New Mexico respectively, on account of operations by Unit Operator on unitized land and shall distribute the cost

-14-

thereof to the appropriate parties conformably with their respective rental and royalty obligations; provided, that nothing herein contained shall operate to relieve the lessees, or any of them, of their obligation to pay rentals and royalties under the terms of their respective leases.

On request of any party, Unit Operator at its election shall pay other royalties on his behalf in accordance with a schedule furnished by him and charge the cost thereof to his account; provided, that Unit Operator shall incur thereby no responsibility to any royalty owner, but such responsibility shall be and remain an obligation of the parties requesting payment thereof.

GOVERNMENT Royalty due the Unites States on account 14. ROYALTIES of unitized Federal land shall be computed AND RENTALS as provided in the operating regulations and paid as to all unitized substances on the basis of the amounts thereof allocated to such land as provided herein at the rates specified in the respective Federal leases; provided, that, for leases on which the royalty rate depends on the daily average production per well, said average production for any participating area shall be determined in accordance with the operating regulations as though all the unitized land within the same participating area were a single consolidated lease, and provided that during the period of the national emergency declared by the President May 27, 1 9 4 1, Proclamation No.2487, 55 Stat. 1647, upon a determination by the Secretary of the Interior that a new oil or gas field or deposit has been discovered by virtue of a well or wells drilled under this agreement, the royalty on production from such new field or

-15-

deposit allocated to Federal land subject to this agreement at the time of such discovery shall, during the 10-year period following the date of such discovery, be paid in value or delivered in kind at a flat rate of $12\frac{1}{2}$ per centum unless a lower rate is prescribed in the lease.

Rental for land of the United States subject to this agreement at the rates specified in the respective Federal leases shall be paid, suspended, or reduced as determined by the Secretary of the Interior, pursuant to applicable law and regulations.

<u>CONSERVATION</u> 15. Operations and production of unitized substances shall be conducted so as to provide for the most economical and efficient recovery of said substances to the end that maximum yield may be obtained without waste, as defined by or pursuant to State or Federal law or regulation; and shall be limited to such production as can be put to beneficial use with adequate realization of fuel and other values.

DRAINAGE 16. Unit Operator shall take appropriate and adequate measures to prevent drainage of unitized substances from unitized land by wells on land not subject to this agreement, or, with the approval of the Secretary as to federal interests and of the Commissioner as to state interests, and at the election of the Unit Operator as to private interests, pay a fair and reasonable compensatory royalty, as determined by the Supervisor as to federal interests, and the Commissioner as to state interests subject to this agreement and by agreement between the Unit Operator and royalty owners, as to private interests.

· -16-

LEASES AND CON-TRACTS CONFORMED TO AGREEMENT 17. The parties hereto or consenting hereto holding interests in

leases embracing unitized land of the United States or of the State of New Mexico consent that the Secretary and Commissioner, respectively, may, and said Secretary and Commissioner, by their approval of this agreement, do hereby establish, alter, change or revoke the drilling, producing, and royalty requirements of such leases and the regulations in respect thereto, to conform said requirements to the provisions of this agreement, but otherwise the terms and conditions of said leases shall remain in full force and effect.

Owners and lessors of privately owned lands or of interests therein, including royalty interests, and including their heirs, executors, administrators, successors and assigns, by subscribing or consenting to this agreement, in person or by attorney in fact, do hereby severally agree that the respective leases covering their several lands or interests therein, may be and remain in force and effect for the respective primary terms therein stated, and so long thereafter as oil or gas may be produced therefrom in quantities sufficient to justify the cost of production; and also in the event that any of the land embraced in any such lease is during the primary term of such lease included within a participating area duly selected and approved under this unit plan of development, so that each owner becomes entitled to a share in the proceeds of production from the participating area, payable at the respective lease rates on the production allocated on an acreage basis to the portion of the lease within the participating area, then each such lease is hereby extended, without

-17-

further delay rental obligation, as to the land embraced therein which is so included in such participating area, for the full term of this unit plan as herein stated.

The Secretary, Commissioner and, except as otherwise provided in the preceding paragraph of this Section, all parties hereto further determine, agree and consent that during the effective life of this agreement, drilling and producing operations performed by the Unit Operator upon any unitized land will be accepted and deemed to be operations under and for the benefit of all unitized leases subject hereto; that no such lease shall be deemed to expire by reason of failure to produce wells situated on land therein embraced; that if a discovery of a valuable deposit of unitized substances is made anywhere on the unitized land, each such lease in effect on or after the date of such discovery shall be deemed to continue in force and effect as to land in the unit area, as long as unitized substances are produced anywhere on unitized land in paying quantity; that prior to such discovery of unitized substances anywhere on unitized land, the expiration date of each unitized lease embracing lands of the United States shall be the date prescribed in such lease subject to such preferential right to a new lease as may be authorized by law; and the suspension of all operations and production on the unitized land pursuant to direction or consent of said Secretary and Commissioner shall be deemed to constitute such suspension pursuant to such direction or consent with respect to each such lease, and that no lease shall expire on account of such suspension, as to land in the unit area.

The parties hereto or consenting hereto, holding interests in leases subject to this agreement embracing

-18-

lands other than those of the United States or of the State of New Mexico or holding interests in any other agreements that involve oil and gas rights in lands in the Unit Area, consent and agree, to the extent of their respective interests, that all such leases and agreements shall conform to the provisions of this agreement.

COVENANTS RUN WITH LAND 18. The covenants herein run with the land until this agreement terminates,

and any grant, transfer or lease of interest in land or leases subject hereto shall be and hereby is conditioned upon the assumption of all privileges and obligations hereunder by the grantee, transferee, lessee, or other successor in interest and as to federal land, shall be subject to approval by the Secretary, and as to lands of the State of New Mexico, shall be subject to the approval of the Commissioner. No transfer of any interest in and to any of the unitized lands or affecting the production therefrom shall be binding upon the Unit Operator until the first day of the next calendar month after the Unit Operator has been furnished with an original, photostatic or certified copy of the instrument of transfer.

EFFECTIVE 19. This agreement shall become effective DATE AND TERM on the first day of the calendar month next following approval by the Secretary of the Interior and the Commissioner, provided however that nothing herein shall be construed to waive or limit the right of the Commission to approve this agreement pursuant to applicable state law. Except as otherwise provided as to private leases by the second paragraph of Section 17 hereof, this agreement shall terminate on December 31, 1949, unless (1) such date of

-19-

expiration is extended by the Secretary and the Commissioner; or (2) a valuable discovery of unitized substances has been made on unitized land, in which case the agreement shall remain in effect as long as unitized substances can be produced from the unitized land in paying quantities; or (3) it is reasonably determined at an earlier date that the unitized land is incapable of commercial production of unitized substances, and, with approval of the Secretary and the Commissioner, notice of termination is given by Unit Operator to all parties in interest at their last known address; or (4) it is terminated as provided in sections 6 or 8 hereof; provided that this agreement may be terminated at any time by consent of the owners of 75 per centum, on an acreage basis, of the owners of working interests signatory hereto with the approval of the Secretary and the Commissioner.

RATE OF PROSPECT- 20. All production and the disposal ING, DEVELOPMENT, AND PRODUCTION thereof, shall be in conformity with allocations, allotments and quotas made or fixed by the Commission under any State Statute; provided however that the Secretary is vested with authority pursuant to the amendatory acts of Congress of March 4, 1931, and August 21, 1935, supra, to alter or modify from time to time in his discretion the rate of prospecting and development, and, within the limits made or fixed by the Commission to modify the quantity and rate of production under this agreement, such authority being hereby limited to alteration or modification in the public interest, the purpose thereof

-20-

and the public interest to be served thereby to be stated in the order of alteration or modification; provided further that no such alteration or modification shall be effective as to any lands of the State of New Mexico as to the rate of prospecting and development in the absence of the specific written approval thereof by the Commissioner and as to any lands of the State of New Mexico or privately owned lands subject to this agreement as to the quantity and rate of production in the absence of specific written approval thereof by the Commission.

UNAVOIDABLE 21. All obligations under this agreement re-DELAY quiring Unit Operator to commence or con-

tinue drilling or to operate on or produce oil or gas from any of the lands covered by this agreement shall be suspended while, but only as long as, the Unit Operator is prevented from complying with such obligations, in whole or in part, by strikes, lockouts, acts of God, Federal, State or municipal law or agencies, unavoidable accidents, uncontrollable delays in transportation, inability to obtain necessary materials in open market, or other matters beyond the reasonable control of the Unit Operator whether similar to the matters herein enumerated or not.

CONFLICT 22. Neither the Unit Operator nor the work-OF ing Interest Owners nor any of them shall be subject to any forfeiture, termination or expiration of any rights hereunder or under any leases or contracts subject hereto, or to any penalty or liability for delay or failure in whole or in part to comply therewith to the extent that said Unit Operator, Working Interest Owners or any of them are hindered, delayed, or prevented from complying therewith

-21-

by reason of failure of Unit Operator to obtain the joint consent of the representatives of the United States and the representatives of the State of New Mexico in and about any matter or thing concerning which it is required herein that such joint consent be obtained. The parties hereto and consenting hereto, including the Commission agree that all powers and authority vested in the Commission in and by any provisions of this contract are vested in the Commission and shall be exercised by it pursuant to the provisions of the laws of the State of New Mexico and subject in any case to appeal or judicial review as may now or hereafter be provided by the laws of the State of New Mexico.

NON-<u>DISCRIMINATION</u> 23. The Unit Operator expressly agrees that in any and all operations conducted hereunder, it shall not discriminate against any employee or applicant for employment because of race, creed, color, or national origin and shall require an identical provision to be included in all subcontracts.

SUBSEQUENT JOINDER 24. Any person owning rights in the unitized substances within the unit

area who does not commit such rights hereto prior to the effective date hereof, may thereafter become parties hereto by subscribing this agreement, and if such parties are working interest owners they shall also subscribe the operating contract and comply with all terms and conditions therein set forth.

<u>COUNTERPARTS</u> 25. This agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document.

IN WITNESS WHEREOF, the parties hereto have caused this agreement to be executed and have set opposite their respective names the date of execution.

-22-



EXHIBIT "B"

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Rocky Arroyo Unit Agreement, Eddy County, New Mexico

Schedule Showing the Nature and Extent of Ownership of oil and gas Rights in All Lands in the Unit Area

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FEDERAL LANDS

<u>Description</u> <u>T-205, R-24E</u> . Section 33	No. of Acres	Las Cruc Serial N	es Ownership of Application o. or Oil and Gas Lease
Section 33 EZNWC, NEL, SZ Section 34 All	560	061741	Dora W. Payne
Section 35	640	061741	Dora W. Payne
$\frac{NE_{4}^{1}NW_{4}^{1}}{S_{2}^{1}}, S_{2}^{1}NW_{4}^{1}, N$ $\frac{T-20_{3}^{1}S}{Section 33}$	Е] 600	061741	Dora W. Payne
Lot 4	45.27	061741	Dora W. Payne
Balance of Fracti Section 33 Section 34	onal 296.37	061764	Ray Hobbs
All a fractional Section Section 35 Lot 4	з 343. 42	061741	Dora W. Payne
T218, R-23F	46.10	061741	Dora W. Payne
Section 1 All Section 2	639.48	061764	Ray Hobbs
N ¹ / ₂ Section 3	320.28	061764	Ray Hobbs
All Section 4	640.56	061764	Ray Hobbs
All Section 9	641.04	061764	Ray Hobbs
N_{2}^{\pm} , SW_{4}^{\pm} , $E_{2}^{\pm}SE_{4}^{\pm}$	560	061744	George D. Riggs
$W_{2}^{1}SE_{4}^{1}$ Section 10	80	061686	James F. Warden
A11	640	061744	George D. Riggs

Description T-218, R-23E (Cont.)	No. of Acres	Las Cruces Serial No.	Ownership of Application or Oil and Gas Lease
Section 11 All	640	061744	George D. Riggs
Section 12 All	640	061744	George D. Riggs
Section 13 All	640	061746	Neil H. Wills
Section 14	640	061746	Neil H. Wills
Section 15	640	061746	Neil H. Wills
Section 31 W_{2}^{1} , $E_{2}^{1}NE_{4}^{1}$, SE_{4}^{1}	560	061746	Neil H. Wills
₩ŻNEŧ	80	061685	Smith, et al
Section 22 All	640	061745	Edith Riggs
Section 23 All	640	061745	Edith Riggs
Section 24 All	640	061745	Edith Riggs
Section 25 All	640	061743	Mary E. Wills
Section 26 All	640	061743	Mary E. Wills
Section 27 All	640	061743	Mary E. Wills
Section 28 All	640	061745	Edith Riggs
Section 33 All	640	061743	Mary E. Wills
Section 34 All	640	061747	Louise Wertheim
Section 35 All	640	061663	Estelle G. Woods
<u>T-225., R.23E</u> Section 1 All	673.32	051766	Thomas A. Brown
Section 3 $N^{\frac{1}{2}}NE^{\frac{1}{4}}$, SW $^{\frac{1}{4}}NE^{\frac{1}{4}}$	138.19	061663	Estelle G. Woods
NWZ, SEINEZ, SZ	538.97	061747	Louise Wertheim

-2-

Description (a.t.)	No. of Acres	Las Cruces Serial No.	Ownership of Application or Oil and Gas Lease
$\frac{\overline{T}-22S, R-23E}{Section 4} (Cont.)$ $\frac{N_{2}^{1}}{N_{2}^{1}}, N_{2}^{1}S_{2}^{1}, S_{2}^{1}SE_{4}^{1}$	598.76	061747	Louise Wertheim
Section 9 E ¹ 2	320	061766	Thomas A. Brown
Section 10 All	640	061766	Thomas A. Brown
Section 11 All	640	061766	Thomas A. Brown
Section 12 NWL, NZSWL, SWLSWL	280	061766	Thomas A. Brown

STATE LANDS

	No. of	State Lease No. and Exp. Date	Oil and Gas Lease Ownership
Description	Acres	and Exp. Duto	
$\frac{T-20\frac{1}{5}S, R.23E}{Section 36}$	46.39	B-10255-11 Exp. 4-26-53	Atkins S. Hopkins Cambridge, Mass.
ne l s# l	46.36	B-9093-1 Exp. 4-15-51	Maurice Schwartz El Paso, exas
S भरे S भरे	40	I-487 Exp. 8-10-55	Fotash Co.of America Carlsbad, New Mexico Alex Lunvall
Setont	40	B-10061-5 Exp. 2-9-53	Cascade, Idaho
Lots 1 & 2	92.6¥	<u>1-487</u> Exp. 8-10-55	Potesh Jo. of America
SWFSEF	40	B-10898-1 Exp. 1-7-54	W. W. Simon Superior, Arizona
SE ¹ / ₄ SE ¹ / ₄	40	B-10061-2 Exp. 2-9-53	John P. Basner Pontiac, Mich.
$\frac{T-21S, R-23E}{Section 2}$ NW4SW4	40	B-8462-1 Exp. 1-5-50	Addie P. Reynolds Los Angeles, Calif.
NE l SW l	40	B-8890-17 Exp. 11-25-50	W. L. Tedford Little Rock, Ark.
Swfowf	40	B-8225-4 Exp. 6-22-49	Olive F. Smith Holly Hill, Fla.
SE÷SWÈ, SEÈSEÈ	80	B-11554-Orig. Exp. 10-10-54	J. S. Harris A Oklahoma City,Okla.

-3-

<u>Description</u> T-215, R-23E. (0	No. c Acres	of State Lease No. Oil and Gas Lease and Exp. Date <u>Ownership</u>
Section 2 NWtSEL	Jont.)	
NEtset	40	B-8851-19 W. L. Tedford Exp. 10-22-50 Little Rock, Ark.
	40	B-9425-28 J. T. Boswell & Exp. 12-4-51 S. J. Dooley
SW dSEd	40	E-487 Exp. 8-10-55 Kewanee, III. Potash Co. of America
Section 16 NWLNWL, NELNEL	80	B-10770 0
NE ¹ / ₄ NW ¹ / ₄		B-10730-24 N. C. Parrish, Jr. Exp. 10-15-53 Artesia, New Mexico
	40	B-10404-9 Charles Curren
Switnyi, Switsvit	80	B-9141-1 L. E. Stokes
SEL NYL, NWLSEL	80	P-10000 27
N7 ¹ / ₄ NE ¹ / ₄	40	Exp. 11-15-53 St. Louis, Mo.
SWENEE		B-8021-11 Exp. 2-15-49 Esparto, Calif.
•	40	B-10306-29 Edward B. Hobert
SE ¹ ₄ NE ¹ ₄	40	B-10806-30 J. R. West
УўSМ Г	80	F. Add
SELSWL	40	E-437 Exp. 8-10-55 B-8852-2 Exp. 10-23 50 Potash Co.of America Leo Konsen
NE l SE l , Sw l SE l SE l SE l		Exp. 10-23-50 El Paso, Texas
	130	B-3978-1 Exp. 2-8-51 El Paso, Texas
Section 36 NW4NW4	40	E-487 Potash Co. of America
nefnaf	40	B-9663-20 M. C. Parrish Jr
S₩ ‡ N₩ 1	40	B-9377-14 Joseph K. Bu
SELNNL	40	B-10220 D4
NWÈNEŁ	4.0	Exp. 10-15-53 Artesia, New Mexico
. 	40	B-9542-Orig. J. E. Farrell Exp. 2-20-52 Ft. Worth, Texas

-4-

 Description	No. of Acres	State Lease No. and Exp. Date	Oil and Gas Lease Ownership
<u>T-21S, R-23E</u> . (Cont.)			
Section 36 NETNET	40	B-10191-12 Exp. 3-31-53	M. C. Parrish, Jr. Artesia, New Mexico
SWINEI	40	B-11117-2 Exp. 3-4-54	Flora C. Hotchkis Los Angeles, Calif.
SE l NEL, SWLSEL	80	B-10899-4 Exp. 1-7-54	Harley Lorenson Sheefield, Ill.
N∮S₩ ↓	80	B-9663-11 Exp. 5-27-52	Grace Hoxsey Davenport, Iowa
[⟨] S ¹ / ₂ S₩ ¹ / ₄	80	B-9663-11 Exp. 5-27-52	Grace Hoxsey Davenport, Iowa
nw l se l	40	B-8978-1 Exp. 2-8-51	Maurice Schwartz El Paso, Texas
NE ¹ ₄ SE ¹ ₄	40	E-487	Potash Co.of America
SE l SE <u>l</u>	40	Exp. 8-10-55 B-9983-0rig. Exp. 12-29-52	Carlsbad, New Mexico Roy G. Barton Hobbs, New Mexico
<u>T-228, R-23E</u>			
Section 2 NWLNWL	48.82	B-8515-20 Exp. 2-7-50	John Z. Broek Holland, Mich.
N E ¹ NW ¹	48.68	B-8515-21 Exp. 2-7-50	Abbie Lenock Chicago, Ill.
Sinwi	80	B-9413-12 Exp. 11-18-51	J. W. Struthers Colorado Springs,Colo.
N₩ <u>†</u> NE ‡	48.49	3-8515-35 Exp. 2-7-50	Norma Weiss Los Angeles, Calif.
NETHET	48.32	B-8515-34 Exp. 2-7-50	J. C. Litton Los angeles, Calif.
SW l ne l	40	B-9373-9 Exp. 10-30-51	J. T. Boswell & S. J. Dooley Kewanee, Ill.
Se ¹ / _t ne ¹ / _t	40	B8515-18 Exp. 2-7-50	Gertrude B. Markin Brecksville, Ohio
NW ¹ / ₄ SW ¹ / ₄	40	B-10895-5 Exp. 1-7-54	Charles S. Sejnoha Chicago, Ill.
NEŻSWŻ, SEŻSWŻ SWŻSEŻ	120	B-9413-11 Exp. 11-18-51	Dr. W. B. Wise Sheffield, Ill.

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| Description                        | No. of<br><u>Acres</u> | State Lease No.<br>and Exp. Date | Oil and Gas Lease<br>Ownership                              |
|------------------------------------|------------------------|----------------------------------|-------------------------------------------------------------|
| $\frac{T-22S}{Section 2}$          | 40                     | B-10044-2<br>Exp. 1-18-53        | Robert E. McKee<br>El Paso, Texas                           |
| NWESEE                             | 40                     | B-8515-7<br>Exp. 2-7-50          | Sophie K. & Henrietta<br>B. Schenck,<br>New Brunswick, N.J. |
| nefse <del>f</del>                 | 40                     | B-9425-14<br>Exp. 12-4-51        | E. E. Bowman<br>Alhambra, Calif.                            |
| SE <sup>1</sup> 4SE <sup>1</sup> 4 | 40                     | B-9425-17<br>Exp. 12-4-51        | Herman Flender<br>Superior, Arizona                         |

### PRIVATELY OWNED LANDS

No.of Aores

23,640.29 acres

Description

T-2038, R-23E. Section 35 All except Lot 4

Total

298.82

Uncertain, not leased.

Ownership

(unsigned) 205.24E.Sec.35.NW/4 NW/4 Houres
Lefst. 13. 1945 Date

Date 13 1945

Sept 14, 1945

Data 1345

Sept. 15, 1945 Date

Sept 15.1945 Lypt - 17-1945

Auf HNils Mary E. Wills Jernie & Payne May Hollos

Estille S. Words

homas D. Ram

Date Date Date Date Date

-23-

STATE OF New Marine COUNTY OF Eddy

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On this 15th day of September, 1945, before me personally appeared Neil H. Wills, Mary E. Wills, George D. Riggs, Edith Riggs, Dors W. Payne and Bernie E Payne, to me known to be the persons described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

IN WITNESS WH REOF, I have bereunto set my hand and affixed my official seal the day and year in this certificate above written.

Werthen

My commission expires

App11 1. 1944

## STATE OF NEW MEXICO

COUNTY OF Eday

On this 15 day of September, 1945, before me personally appeared Louise Sortheim, to me known to be the person described in and who executed the foregoing instrument, and acknowledged that she executed the same as her free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires:

STATE OF Edde COUNTY OF

On this 17 day of September, 1945, before ne personally appeared Ray Hother and his wife Ida mak, Matter to me known to be the pergin 5 desoribed in end who executed

wife Ida Mak, Mature to me known to be the person 5 described in and who executed the foregoing instrument, and soknowledged that they executed the some as their free act and deed.

IN MINECH WINERFOF, I have bereunto set my hand and affixed my official soul the day and year in this certificate above written.

Junice Hertherm Notary Public

My conmitesion expires: april 1, 1947

| Ş        | STATE OF New Mexico)                                                                                                                                                           |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (        | COUNTY OF Eddy                                                                                                                                                                 |
| ]        | On this 13 day of <u>left</u> , 1945, before me<br>personally appeared <u>Cotelle</u> X. Woods<br>to me known to be the person_                                                |
| ŧ        | lescribed in and who executed the foregoing instrument, and acknowledged that <u>She</u> executed the same as $\chi_{ex}$ /                                                    |
|          | IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.                                               |
| ł        | ly commission expires <u>Elsie</u> <u>G. Jorman</u><br>June 29-1947                                                                                                            |
| <i>U</i> |                                                                                                                                                                                |
| ę        | STATE OF New Merice)                                                                                                                                                           |
| (        | COUNTY OF Chance ; (                                                                                                                                                           |
| ļ        | On this 13 day of September, 1945, before me<br>personally appeared homas a Brown -                                                                                            |
| - 8      | May the Brown, to me known to be the person plescribed in and who executed the foregoing instrument, and acknowledged that f hey, executed the same as them free act end deed. |
|          | IN WITNESS WHEREOF, I have hereunto set my hand and<br>affixed my official seal the day and year in this certificate<br>above written.                                         |
| (        | Mary UB. Herond                                                                                                                                                                |
|          | in commission expires: Notary Public                                                                                                                                           |
| ę        | STATE OF)                                                                                                                                                                      |
| (        | COUNTY OF)                                                                                                                                                                     |
| ]        | On this day of, 194, before me personally appeared                                                                                                                             |
| Ę        | to me known to be the person<br>described in and who executed the foregoing instrument, and<br>acknowledged thathe executed the same as<br>free act and deed.                  |
|          | IN WITNESS WHEREOF, I have hereunto set my hand and<br>affixed my official seal the day and year in this certificate<br>above written.                                         |
| ,        | Vy commission expires: Notary Public                                                                                                                                           |

-25-

POTASH COMPANY OF AMERICA,

G. P. Coops

ATTEST:

Assistant Secretary.

Bue Belies STATE OF <del>COLORAD</del>O ) CITY AND : SS. COUNTY OF <del>DENVER</del> ) Eddy

On this <u>for any of November</u>, 1945, before me appeared G. F. COOPE to me personally known, who, being by me duly sworn did say that he is the President of POTASH COM-PANY OF AMERICA, a Colorado corporation, and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed on behalf of said corporation by authority of its Board of Directors, and said G. F. Coope acknowledged said instrument to be the free act and deed of said corporation.

Miched 1. Cumfell

WITNESS my hand and notarial seal this 15th day of November, 1945.

My commission expires March 30 1947

Michuel 1. Lumfelt Notary Public.

Sept 18 1945 Date 1945 Date

Oct. 15-1945 Date

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Date Date

Date

Date

Date

Date

Date

Date

Date

Le Momon KESeakis

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|             |               | STATE OF TEXAS                                                                                                                         |
|-------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------|
|             |               | COUNTY OF El Paro                                                                                                                      |
|             |               | On this 18th day of Sept., 1945, before me<br>personally appeared                                                                      |
|             |               | , to me known to be the person                                                                                                         |
|             |               | IN WITNESS WHEREOF, I have hereunto set my hand and<br>affixed my official seal the day and year in this certificate<br>above written. |
| а<br>18     |               | My/commission expires Notary Public                                                                                                    |
|             |               | fune 1 1977                                                                                                                            |
|             | $\mathcal{C}$ |                                                                                                                                        |
| -           |               | STATE OF Uligar )                                                                                                                      |
|             |               | COUNTY OF Albaco                                                                                                                       |
|             |               | On this 1974 day of <u>Deph</u> , 194 <u>3</u> , before me<br>personally appeared <i>R</i> , Stoke                                     |
|             |               | to me known to be the person                                                                                                           |
| -<br>-<br>- |               | IN WITNESS WHEREOF, I have hereunto set my hand and                                                                                    |
| 3<br>       |               | affixed my official seal the day and year in this certificate                                                                          |
| 3<br>       | n.<br>        | affixed my official seal the day and year in this certificate                                                                          |
|             |               | affixed my official seal the day and year in this certificate                                                                          |
|             |               | affixed my official seal the day and year in this certificate                                                                          |
|             |               | affixed my official seal the day and year in this certificate                                                                          |
|             |               | affixed my official seal the day and year in this certificate                                                                          |
|             |               | affixed my official seal the day and year in this certificate                                                                          |
|             |               | affixed my official seal the day and year in this certificate                                                                          |
|             |               | affixed my official seal the day and year in this certificate<br>above written.                                                        |
|             |               | affixed my official seal the day and year in this certificate<br>above written.                                                        |
|             |               | affixed my official seal the day and year in this certificate<br>above written.                                                        |
|             |               | affixed my official seal the day and year in this certificate<br>above written.                                                        |
|             |               | affixed my official seal the day and year in this certificate<br>above written.                                                        |
|             |               | affixed my official seal the day and year in this certificate<br>above written.                                                        |
|             |               | affixed my official seal the day and year in this certificate<br>above written.                                                        |

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|   | STATE OF TEXAS)                                                                                                                                               |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | COUNTY OF El Paro                                                                                                                                             |
|   | On this $18^{H_2}$ day of Sept , 194 J, before me<br>personally appeared to me known to be the person                                                         |
|   | to me known to be the person<br>described in and who executed the foregoing instrument, and<br>acknowledged thathe executed the same as<br>free act and deed. |
|   | IN WITNESS WHEREOF, I have hereunto set my hand and<br>affixed my official seal the day and year in this certificate<br>above written.                        |
|   | My commission expires Notary Public Notary Public                                                                                                             |
| Ô |                                                                                                                                                               |
|   | STATE OF (levas)                                                                                                                                              |
|   | COUNTY OF Algard ;                                                                                                                                            |
|   | On this 1910 day of Sept., 1943, before me<br>personally appeared 2, 2, Stople                                                                                |
|   | described in and who executed the foregoing instrument, and acknowledged thathe executed the same as                                                          |
|   | IN WITNESS WHEREOF, I have hereunto set my hand and<br>affixed my official seal the day and year in this certificate<br>above written.                        |
|   | My commission expires:<br>May 31, 1947,<br>Notary Public                                                                                                      |
|   | STATE OF Januar )                                                                                                                                             |
|   | COUNTY OF                                                                                                                                                     |
|   | On this 25 day of, 1945, before me                                                                                                                            |
|   | to me known to be the person<br>described in and who executed the foregoing instrument, and<br>acknowledged that he executed the same as                      |
|   | IN WITNESS WHEREOF, I have hereunto set my hand and<br>affixed my official seal the day and year in this certificate<br>above written.                        |
|   | My commission expires:<br><u>H. POTASH</u> NOTARY Public                                                                                                      |
|   | <b>-35-</b>                                                                                                                                                   |
|   |                                                                                                                                                               |

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STATE OF

COUNTY OF

on this day of \_\_\_\_\_\_ 104 \_\_\_\_ before no

IN WITHESS WHEREOF, I have bereinto set my hand and affixed my official seal the day and year in this certificate above written.

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Notary Public

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Ny completion empires:

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Cetober 8-1945

Date Date

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| STATE OF Polifornia )                                                                                                                                                       |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| COUNTY OF angeles                                                                                                                                                           |          |
| On this 8 <sup>th</sup> day of October, 1945, before<br>personally appeared <u>2. Bowman</u> , to me known to be the pers                                                   |          |
| described in and who executed the foregoing instrument, an acknowledged that he executed the same as the free act and deed.                                                 | ıd       |
| IN WITNESS WHEREOF, I have hereunto set my hand an affixed my official seal the day and year in this certific above written.                                                |          |
| My commission expires Notary Public                                                                                                                                         |          |
| STATE OF)                                                                                                                                                                   |          |
| COUNTY OF)                                                                                                                                                                  |          |
| On this day of, 194_, before personally appeared                                                                                                                            |          |
| to me known to be the pers<br>described in and who executed the foregoing instrument, an<br>acknowledged that <u>he</u> executed the same as<br>free act and deed.          | on<br>id |
| IN WITNESS WHEREC?, I have hereunto set my hand an affixed my official seal the day and year in this certific above written.                                                |          |
|                                                                                                                                                                             |          |
| My commission expires: Notary Public                                                                                                                                        |          |
|                                                                                                                                                                             |          |
| STATE OF)                                                                                                                                                                   |          |
| COUNTY OF)                                                                                                                                                                  |          |
|                                                                                                                                                                             |          |
| On this day of, 194, before personally appeared                                                                                                                             |          |
| personally appeared, to me known to be the personal described in and who executed the foregoing instrument, and acknowledged thathe executed the same as free act and deed. | n<br>nd  |
| to me known to be the person<br>described in and who executed the foregoing instrument, and<br>acknowledged thathe executed the same as                                     | nd<br>nd |

Charles Curren Esmanles Cal Olt\_8\_1945 Date Date ~ Date Date . Date Date Date Date Date Date Date Date

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| STATE OF <u>California</u> )                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COUNTY OF monterey                                                                                                                                             |
| On this <u>84</u> day of <u>Celeber</u> , 1945, before me<br>personally appeared <u>Charles</u> <u>Charles</u> <u>Curr</u>                                     |
| described in and who executed the foregoing instrument, and acknowledged that he executed the same as <u>he</u> free act and deed.                             |
| IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.                               |
| My commission expires<br><u>August 1. 1946</u><br><u>Notary Public</u>                                                                                         |
| STATE OF)                                                                                                                                                      |
| COUNTY OF)                                                                                                                                                     |
| On this day of, 194_, before me personally appeared                                                                                                            |
| described in and who executed the foregoing instrument, and acknowledged that he executed the same as                                                          |
| IN WITNESS WHEREOF, I have hereunto set my hand and<br>affixed my official seal the day and year in this certificate<br>above written.                         |
| My commission expires: Notary Public                                                                                                                           |
|                                                                                                                                                                |
| STATE OF)                                                                                                                                                      |
| CCUNTY OF                                                                                                                                                      |
| On this day of, 194_, before me                                                                                                                                |
| to me known to be the person<br>described in and who executed the foregoing instrument, and<br>acknowledged that he executed the same as<br>free act and deed. |
| IN WITNESS WHEREOF, I have hereunto set my hand and<br>affixed my official seal the day and year in this certificate<br>above written.                         |

My commission expires:

Notary Fublic

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~ Oct: 9 1945 Date 3 1 Date Date £ Date Date Date Date Date Date Date Date Date

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| fin A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| STATE OF Obleman ?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Detaker, 1945, before me                                                   |
| dout of (                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Velaker, 1940, Volter                                                      |
| On this gazy of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | to me known to be the person                                               |
| personally appeared                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | to me knowns and                                                           |
| desoribed in and who executed acknowledged that he executed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | the foregoing institution,                                                 |
| described in and who executed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | uted the same as                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                            |
| THE REAL REPORT I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | have hereunto set my hand and<br>ay and year in this certificate           |
| IN WINKSS and the d                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ay and year in child                                                       |
| affixed my official coul                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                            |
| above written.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (D) Bach                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Perce Baghy<br>Notary Public                                               |
| expires                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Notary rubert v V                                                          |
| My commission expires                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | · · · · · · · · · · · · · · · · · · ·                                      |
| My commission 1945<br>March 25, 1945                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                            |
| а.<br>-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                            |
| STATE OF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | · · · · · · · · · · · · · · · · · · ·                                      |
| COUNTY OF)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                            |
| COUNTY OF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | , 194, before me                                                           |
| On this day of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                            |
| personally appeared                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | to me known to be the person                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                            |
| described in and who execute<br>acknowledged that he ex                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | a the forest as                                                            |
| described that he ex                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Educed the                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | h                                                                          |
| ILGE GOV STA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | I have hereunto set my hand and<br>e day and year in this certificate      |
| IN WITNESS WHEHLOF,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | day and year in this certaincast                                           |
| offixed my official com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                            |
| above vritten.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                            |
| 20040                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Notary Public                                                              |
| My commission expires:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | · ·                                                                        |
| biy contain                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ,                                                                          |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                            |
| STATE OF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | )                                                                          |
| CCUNTY OF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | of, 194, defore me                                                         |
| ê a v                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | of, 194, 0011                                                              |
| On this day                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                            |
| personally appeared                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | to me known to be the part and                                             |
| port the owned                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ted the foregoing instrument,                                              |
| described in and who execu<br>acknowledged that he                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | to me known to be the person                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                            |
| The surger sure solution of the second states and the second seco | F. I have hereunto see my mattificate                                      |
| IF WITNESS WELKED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | F, I have hereunto set my hand and<br>the day and year in this certificate |
| offixed my officiat between                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                            |
| above written.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                            |
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| My commission expires:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                            |
| 7.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                            |

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Oct. 2 nd, 1945 Date

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Date Date . Date Date Date Date Date Date Date Date

Date

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| COUNTY OF                                                                                                                                                                                            | DOR )                                                                                              | -1                                                                                                              |                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| On this<br>persons'1, appea                                                                                                                                                                          |                                                                                                    | Jensey                                                                                                          | before me                                             |
| described in and<br>acknowledged the<br>free act and dee                                                                                                                                             | who executed the the executed                                                                      | o me known to be<br>foregoing instru<br>the same as                                                             | ment, and                                             |
|                                                                                                                                                                                                      | ESS WHEREOF, I have<br>bial seal the day a                                                         | and year in this                                                                                                |                                                       |
| My commission er                                                                                                                                                                                     | ipires<br>1947.                                                                                    | Notary Public                                                                                                   | Notary Pu<br>Rotary Pu<br>Couk Count<br>My Commission |
| STATE OF                                                                                                                                                                                             | )                                                                                                  |                                                                                                                 | May 15, 19                                            |
|                                                                                                                                                                                                      | 1                                                                                                  |                                                                                                                 | •                                                     |
| COUNTY OF                                                                                                                                                                                            | ;                                                                                                  |                                                                                                                 |                                                       |
|                                                                                                                                                                                                      | ared                                                                                               | , 194,                                                                                                          |                                                       |
| COUNTY OF<br>On this<br>personally appes<br>described in and                                                                                                                                         | to<br>to<br>who executed the<br>the executed                                                       | me known to be<br>foregoing instru                                                                              | the person<br>ment, and                               |
| COUNTY OF<br>On this<br>personally appes<br>described in and<br>acknowledged that<br>free act and dee<br>IN WITNE                                                                                    | to<br>to<br>who executed the<br>the executed                                                       | he known to be<br>foregoing instru<br>the same as<br>hereunto set my                                            | the person<br>ment, and                               |
| COUNTY OF<br>On this<br>personally appea<br>described in and<br>acknowledged that<br>free act and dee<br>IN WITNE<br>affixed my offic                                                                | ared, to<br>who executed the<br>athe executed<br>ed.<br>ESS WHEREOF, I have<br>bial seal the day a | he known to be<br>foregoing instru<br>the same as<br>hereunto set my                                            | the person<br>ment, and<br>hand and<br>certificate    |
| COUNTY OF<br>On this<br>personally appea<br>described in and<br>acknowledged that<br>free act and dee<br>IN WITNE<br>affixed my offic<br>above written.                                              | ared, to<br>who executed the<br>athe executed<br>ed.<br>ESS WHEREOF, I have<br>bial seal the day a | o me known to be<br>foregoing instru<br>the same as<br>e hereunto set my<br>and year in this<br>Notary Public   | the person<br>ment, and<br>hand and<br>certificate    |
| COUNTY OF<br>On this<br>personally appea<br>described in and<br>acknowledged that<br>free act and dee<br>IN WITNE<br>affixed my offic<br>above written.                                              | ared                                                                                               | o me known to be<br>foregoing instru<br>the same as<br>e hereunto set my<br>and year in this<br>Notary Public   | the person<br>ment, and<br>hand and<br>certificate    |
| COUNTY OF<br>On this<br>personally appea<br>described in and<br>acknowledged tha<br>free act and dee<br>IN WITNH<br>affixed my offic<br>above written.<br>My commission ex                           | ared                                                                                               | o me known to be<br>foregoing instru<br>the same as<br>e hereunto set my<br>and year in this<br>Notary Public   | the person<br>ment, and<br>hand and<br>certificate    |
| COUNTY OF<br>On this<br>personally appea<br>described in and<br>acknowledged that<br>free act and dee<br>IN WITNE<br>affixed my offic<br>above written.<br>My commission ex<br>STATE OF<br>COUNTY OF | ared                                                                                               | o me known to be<br>foregoing instru<br>1 the same as<br>e hereunto set my<br>and year in this<br>Notary Public | the person<br>ment, and<br>hand and<br>certificate    |

My commission expires:

Notary Public

-25-

October 16, 1945 Date

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Harley horenson ucuson



-23-

| STATE OF                                                                                                                                                                                                  | (mplo)                                                                                                                                                                               |                                                                              |                  |
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|                                                                                                                                                                                                           | int filt fathered and the                                                                                                                                                            | a and and a                                                                  |                  |
| COUNTY OF Ru                                                                                                                                                                                              | Alassan 1                                                                                                                                                                            | 0                                                                            |                  |
| On this<br>personally appea                                                                                                                                                                               | 16 day of Arton                                                                                                                                                                      | unden ang                                                                    | , before me      |
| hizunito                                                                                                                                                                                                  | f. to                                                                                                                                                                                | me known to be                                                               | the person 🙍     |
| described in and                                                                                                                                                                                          | who, executed the                                                                                                                                                                    | foregoing instr                                                              | ument, and       |
| free act and dee                                                                                                                                                                                          | et <u>Ihen</u> executed                                                                                                                                                              |                                                                              | unly             |
| T 57 19 T (D 57 T                                                                                                                                                                                         | ESS WHEREOF, I have                                                                                                                                                                  | bonounto pot a                                                               | w hand and       |
| affixed my offic                                                                                                                                                                                          | cial seal the day a                                                                                                                                                                  | nd year in this                                                              | certificate      |
| above written.                                                                                                                                                                                            |                                                                                                                                                                                      | <b>• • • • • •</b>                                                           | •                |
|                                                                                                                                                                                                           |                                                                                                                                                                                      | Rutt Som                                                                     | 10 pm            |
| My commission ex                                                                                                                                                                                          |                                                                                                                                                                                      | Notary Public                                                                |                  |
| Jan 24.194                                                                                                                                                                                                | Б.                                                                                                                                                                                   |                                                                              |                  |
| 0                                                                                                                                                                                                         |                                                                                                                                                                                      |                                                                              |                  |
| STATE OF                                                                                                                                                                                                  | · · · · · · · · · · · · · · · · · · ·                                                                                                                                                |                                                                              |                  |
| •**• ••• •••••••••••••••••••••••••••••                                                                                                                                                                    |                                                                                                                                                                                      | •                                                                            |                  |
| COUNTY OF                                                                                                                                                                                                 | )                                                                                                                                                                                    |                                                                              | •                |
| On this                                                                                                                                                                                                   | day of                                                                                                                                                                               | , 194                                                                        | , before me      |
| personally appea                                                                                                                                                                                          | ared                                                                                                                                                                                 | me known to be                                                               | -                |
| 1126 361 200 080                                                                                                                                                                                          | 80.                                                                                                                                                                                  |                                                                              |                  |
| IN WITN<br>affixed my offic                                                                                                                                                                               | ed.<br>ESS WHEREOF, I have<br>cial seal the day a                                                                                                                                    |                                                                              |                  |
| IN WITNE<br>affixed my offic<br>above written.                                                                                                                                                            | ESS WHEREOF, I have<br>cial seal the day a                                                                                                                                           | ind year in this                                                             | certificate      |
| IN WITNE<br>affixed my offic<br>above written.                                                                                                                                                            | ESS WHEREOF, I have<br>cial seal the day a                                                                                                                                           |                                                                              | certificate      |
| IN WITNE<br>affixed my offic<br>above written.                                                                                                                                                            | ESS WHEREOF, I have<br>cial seal the day a                                                                                                                                           | ind year in this                                                             | certificate      |
| IN WITNE<br>affixed my offic<br>above written.<br>My commission er                                                                                                                                        | ESS WHEREOF, I have<br>cial seal the day a                                                                                                                                           | ind year in this                                                             | certificate      |
| IN WITNE<br>affixed my offic<br>above written.<br>My commission er                                                                                                                                        | ESS WHEREOF, I have<br>cial seal the day a                                                                                                                                           | ind year in this                                                             | certificate      |
| IN WITHE<br>affixed my offic<br>above written.<br>My commission ex<br>STATE OF                                                                                                                            | ESS WHEREOF, I have<br>cial seal the day a                                                                                                                                           | ind year in this                                                             | certificate      |
| IN WITNE<br>affixed my offic<br>above written.<br>My commission ex<br>STATE OF<br>CCUNTY OF                                                                                                               | ESS WHEREOF, I have<br>cial seal the day a<br>xpires:<br>)                                                                                                                           | nd year in this                                                              | certificate      |
| IN WITNE<br>affixed my offic<br>above written.<br>My commission ex<br>STATE OF<br>CCUNTY OF<br>On this                                                                                                    | ESS WHEREOF, I have<br>cial seal the day a<br>xpires:<br>)<br>)<br>                                                                                                                  | Notary Public                                                                | , before me      |
| IN WITNE<br>affixed my offic<br>above written.<br>My commission ex<br>STATE OF<br>CCUNTY OF<br>On this<br>personally appea                                                                                | ESS WHEREOF, I have<br>cial seal the day a<br>xpires:<br>)<br>                                                                                                                       | Notary Public                                                                | _, before me     |
| IN WITH<br>affixed my offic<br>above written.<br>My commission ex<br>STATE OF<br>CCUNTY OF<br>On this<br>personally appea<br>described in and                                                             | ESS WHEREOF, I have<br>cial seal the day a<br>xpires:<br>                                                                                                                            | Notary Public<br>Notary Public<br>, 194<br>me known to be<br>foregoing insti | , before me<br>  |
| IN WITH<br>affixed my offic<br>above written.<br>My commission ex<br>STATE OF<br>CCUNTY OF<br>On this<br>personally appea<br>described in and<br>acknowledged the                                         | ESS WHEREOF, I have<br>cial seal the day a<br>xpires:<br>)<br>)<br>aredto<br>d who executed the<br>extheexecuted                                                                     | Notary Public<br>Notary Public<br>, 194<br>me known to be<br>foregoing insti | , before me<br>  |
| IN WITH<br>affixed my offic<br>above written.<br>My commission ex<br>STATE OF<br>CCUNTY OF<br>On this<br>personally appea<br>described in and<br>acknowledged the<br>free act and dec                     | ESS WHEREOF, I have<br>cial seal the day a<br>xpires:<br>)<br>)<br>)<br>)<br>)<br>day of<br>aredto<br>d who executed the<br>at executed<br>ed.                                       | nd year in this<br>Notary Public<br>                                         | _, before me<br> |
| IN WITH<br>affixed my offic<br>above written.<br>My commission ex<br>STATE OF<br>CCUNTY OF<br>On this<br>personally appea<br>described in and<br>acknowledged the<br>free act and des<br>IN WITH          | ESS WHEREOF, I have<br>cial seal the day a<br>xpires:<br>)<br>)<br>aredto<br>d who executed the<br>extheexecuted                                                                     | nd year in this<br>Notary Public<br>                                         | , before me<br>  |
| affixed my offic<br>above written.<br>My commission ex<br>STATE OF<br>CCUNTY OF<br>On this<br>personally appea<br>described in and<br>acknowledged the<br>free act and dee<br>IN WITH<br>affixed my offic | ESS WHEREOF, I have<br>cial seal the day a<br>xpires:<br>)<br>)<br>)<br>)<br>day of)<br>day of<br>day of<br>to<br>d who executed the<br>at he executed<br>ed.<br>ESS WHEREOF, I have | nd year in this<br>Notary Public<br>                                         | , before me<br>  |

Octofer 5-1945 Date

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| STATE OF This                                                                                                 |                                                                                                                  |
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|                                                                                                               | before me                                                                                                        |
|                                                                                                               | her bin                                                                                                          |
| On this 3 day of the personally appeared further t                                                            | o me known to be the person                                                                                      |
| personally appeared <u>Mertrude</u><br>described in and who executed the<br>described in and who executed the | foregoing instrument, and                                                                                        |
| described in and who execute                                                                                  | d the same as                                                                                                    |
| acknowledge                                                                                                   | had to be                                                                                                        |
| free act end - murpror I hav                                                                                  | ve hereunto set my hand and<br>and year in this certificate                                                      |
| free act and deed.<br>IN WITNESS WHEREOF, I hav<br>affixed my official seal the day                           | and year in vice                                                                                                 |
| affixed my official and above written.                                                                        | On link!                                                                                                         |
| above will to om                                                                                              | Notary Public                                                                                                    |
|                                                                                                               | Notary Public                                                                                                    |
| My commission expires                                                                                         |                                                                                                                  |
| My Commission Expires March 9, 1946                                                                           |                                                                                                                  |
| My Commission                                                                                                 |                                                                                                                  |
|                                                                                                               |                                                                                                                  |
| STATE OF                                                                                                      |                                                                                                                  |
| COUNTY OF                                                                                                     | , 194, before me                                                                                                 |
| On this day of                                                                                                |                                                                                                                  |
| personally appeared                                                                                           | to me known to be the person                                                                                     |
| described in and who executed<br>acknowledged that he exec                                                    | the foregoing as                                                                                                 |
| described in and he exec                                                                                      |                                                                                                                  |
| free act and deed.                                                                                            | horeunto set my hand and                                                                                         |
| TN WITNESS WHEREOF, I                                                                                         | have hereunto set my hand and<br>lay and year in this certificate                                                |
| efixed MV UIII0101                                                                                            | lay and the                                                                                                      |
| above vritten.                                                                                                |                                                                                                                  |
|                                                                                                               | Notary Public                                                                                                    |
| My commission expires:                                                                                        |                                                                                                                  |
| sty com                                                                                                       |                                                                                                                  |
|                                                                                                               |                                                                                                                  |
|                                                                                                               | )<br>)                                                                                                           |
| STATE OF                                                                                                      |                                                                                                                  |
| COUNTY OF                                                                                                     | ) before me                                                                                                      |
| GUUNII OF day of                                                                                              | , 10+,                                                                                                           |
| On this unit                                                                                                  | )<br>, 194, before me<br>to me known to be the person<br>ed the foregoing instrument, and<br>xecuted the same as |
| personally appear                                                                                             | the foregoing instrument, and                                                                                    |
| described in and who execute                                                                                  | the foregoing instrument, executed the some as                                                                   |
| acknow 2000                                                                                                   | and and                                                                                                          |
| free act and door                                                                                             | I have hereunto set my hand and<br>he day and year in this certificate                                           |
| IN WITNESS WHEREOF,                                                                                           | le day and year in this -                                                                                        |
| efixed my UIIICE                                                                                              |                                                                                                                  |
| above written.                                                                                                |                                                                                                                  |
| ince!                                                                                                         | Notary Public                                                                                                    |
| My commission expires:                                                                                        |                                                                                                                  |
|                                                                                                               |                                                                                                                  |
|                                                                                                               |                                                                                                                  |

-25-

15th 1945 Oct

Addie Porter Voeynolde Los angeles

Date Date

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| STATE OF California)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| COUNTY OF Langeles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |
| On this 15 day of let 1945, before                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | me       |
| personally appeared <u>certain porte describe</u><br>to be known to be/the person                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |
| described in and who executed the foregoing instrument, and acknowledged that <u>She</u> executed the same as <u>free</u> free act and deed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | d -      |
| IN WITNESS WHEREOF, I have hereunto set my hand an affixed my official seal the day and year in this certific above written.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | d<br>ate |
| with n. Sitte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | in       |
| My commission expires Notary Public                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |
| V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | L        |
| STATE OF)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |
| COUNTY OF)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |
| On this day of, 194_, before a, personally appeared                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | me       |
| described in and who executed the foregoing instrument, and acknowledged thatheexecuted the same asfree act and deed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | on<br>d  |
| IN WITNESS WHEREOF, I have hereunto set my hand and<br>affixed my official seal the day and year in this certifics<br>above written.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | đ<br>ate |
| My commission expires: Notary Public                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |
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| STATE OF)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |
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| On this day of, 194, before personally appeared, to me known to be the personal to me known to be t |          |
| described in and who executed the foregoing instrument, an acknowledged thatheexecuted the same asfree act and deed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | α        |
| IN WITNESS WHEREOF, I have hereunto set my hand an affixed my official seal the day and year in this certific above written.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | d<br>ate |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |

My commission expires:

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Notary Fublic

• W.W. Simon! 9/25/4 Date Herman Rena 10. 3- 45 Date Key & Barton OCT 1 1945 Date Date Date Date Date Date Date Date Date Date

-23-

| STATE OF (frequence)                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COUNTY OF (Isian )                                                                                                                                            |
| On this <u>15</u> day of <u>September</u> , 1945, before me<br>personally appeared <u>W. W. Siman</u>                                                         |
| described in and who executed the foregoing instrument, and acknowledged thathe executed the same as free act and deed.                                       |
| IN WITNESS WHEREOF, I have hereunto set my hand and<br>affixed my official seal the day and year in this certificate<br>above written.                        |
| My commission expires Notary Public                                                                                                                           |
| STATE OF (Jugon)<br>COUNTY OF (Juna)                                                                                                                          |
| COUNTY OF (Final)                                                                                                                                             |
| On this 5 day of Clafe, 1945, before me<br>personally appeared <u>Neumonitentian</u> , to me known to be the person                                           |
| described in and who executed the foregoing instrument, and<br>acknowledged thathe executed the same as<br>free act and deed.                                 |
| IN WITNESS WHEREOF, I have hereunto set my hand and<br>affixed my official seal the day and year in this certificate<br>above written.                        |
| My commission expires;<br>May 8/948<br>Notary Public                                                                                                          |
| STATE OF New Mexico)                                                                                                                                          |
| STATE OF <u>Menico</u> )<br>COUNTY OF <u>Lea</u>                                                                                                              |
| On this 10 <sup>th</sup> day of <u>October</u> , 194 <u>5</u> , before me<br>personally appeared <u>2017</u> , <u>Sarton</u><br>to me known to be the person_ |
| described in and who executed the foregoing instrument, and<br>acknowledged that he executed the same as                                                      |
| IN WITNESS WHEREOF, I have hereunto set my hand and<br>affixed my official seal the day and year in this certificate<br>above written.                        |
| My commission expires:<br><u>12-20-47</u><br>Notary Public                                                                                                    |
|                                                                                                                                                               |

Cot 16. 1445 Date

A. R Cliest Brand of andles Utilities Kanson City Maneas

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-23-

STATE OF Kanson) COUNTY OF wy and the)

On this 16th day of <u>actual</u>, 1945, before me personally appeared <u>AR</u> went to be the person

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires My Commission Expires June 24, 1946

| STATE OF  | )         |  |  |
|-----------|-----------|--|--|
| COUNTY OF | <u></u> ) |  |  |

On this \_\_\_\_\_\_ day of \_\_\_\_\_\_, 194\_\_\_, before me personally appeared \_\_\_\_\_\_\_ to me known to be the person described in and who executed the foregoing instrument, and acknowledged that \_\_\_\_\_\_ he \_\_\_\_ executed the same as \_\_\_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires:

Fotary Public

C.C. Van Bostenk) Notary Public

STATE OF CCUNTY OF

On this \_\_\_\_\_\_\_ day of \_\_\_\_\_\_, 194\_\_, before me personally appeared \_\_\_\_\_\_\_, to me known to be the person\_\_\_\_\_\_

described in and who executed the foregoing instrument, and acknowledged that he executed the same as free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires:

Notary Public

Non 7-45 Date

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Date Date Date Date Date Date Date Date Date : Date Date

| $\sim \mathcal{N}$                                                                       |                                                                       |
|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| STATE OF (Vinis)                                                                         |                                                                       |
| MARY OF Bureau                                                                           | A Como me                                                             |
| COUNTY OF Jureaus                                                                        | ember, 1945, before me                                                |
| personally appear t                                                                      | O ale known i shawoot 2.00                                            |
| personally appearedt<br>described in and who executed the<br>acknowledged thathe execute | foregoing instrument, and the same as the                             |
|                                                                                          |                                                                       |
|                                                                                          |                                                                       |
| IN WITNESS WHEREOF, I has<br>affixed my official seal the day                            | and year in this october                                              |
| above written.                                                                           | A Twowlow                                                             |
| -                                                                                        | Notary Public                                                         |
| My commission expires                                                                    |                                                                       |
| Marine,                                                                                  |                                                                       |
| )                                                                                        |                                                                       |
| STATE OF                                                                                 |                                                                       |
| COUNTY OF                                                                                | , 194_, before me                                                     |
| On this day of                                                                           | 11                                                                    |
| described in and who executed described in and who executed                              | to me known to be unent, and                                          |
| described in and who executed acknowledged thathe executed                               | ated the same as                                                      |
|                                                                                          |                                                                       |
| IN WITNESS WHEREOF, I                                                                    | have hereunto set my hand and<br>ay and year in this certificate      |
| affixed my official sear the above written.                                              |                                                                       |
| 20006 01100000                                                                           | Notary Public                                                         |
| My commission expires:                                                                   | Robar, 14                                                             |
|                                                                                          |                                                                       |
|                                                                                          |                                                                       |
| STATE OF;                                                                                |                                                                       |
| N N                                                                                      | before me                                                             |
| On this day of                                                                           | , 194_, before me                                                     |
| nersonally upper                                                                         | to me known anotriment, ond                                           |
| described in and who execute                                                             | the foregoing instrument,<br>ecuted the same as                       |
| 20×104.104500                                                                            |                                                                       |
| free set and -                                                                           | I have hereunto set my hand and<br>a day and year in this certificate |
| offixed my OIIlorer bout                                                                 | I have hereunto set my hand che<br>o day end year in this certificate |
| above written.                                                                           |                                                                       |
| · · · · · · · · · · · · · · · · · · ·                                                    | Notary Fublic                                                         |
| My commission expires:                                                                   |                                                                       |
|                                                                                          | -25-                                                                  |
|                                                                                          | -w-                                                                   |

## APPROVAL - CERTIFICATION - DETERMINATION

11 .

Pursuant to the Statutory authority in the Secretary of the Interior, under the act approved March 4, 1931, 46 Stat. 1523, and the act approved August 21, 1935, 49 Stat. 674, amending the act approved February 25, 1920, 41 Stat. 437; 30 U. S. C. 226, 184 and 189, in order to secure the proper protection of the public interest, I, <u>OSCAR L. CHAPMAN</u> Assistant Secretary of the Interior, this  $25^{\text{Th}}$  day of Assistant, 1946, hereby take the following action:

- A. Approve the attached agreement for the development and operation of the Rocky Arroyo Unit Area.
- B. Determine and certify that the plan of development and operation contemplated in said agreement is for the purpose of more properly conserving cil or gas resources of said unit area and is necessary or advisable in the public interest.
- C. Certify that each and every lease heretofore or hereafter issued for lands of the United States subject to, or which may hereafter become subject to, said agreement shall be excepted in determining holdings or control under the provisions of any section of the Act of Congress approved February 25, 1920, and amendments thereto.

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-24-

CERTIFICATE OF APPROVAL BY COMMISSIONER OF PUBLIC LANDS, STATE OF NEW MEXICO, OF UNIT AGREEMENT FOR DEVELOPMENT AND OPERATION OF ROCKY ARROYO UNIT AREA, EDDY COUNTY, NEW MEXICO

There having been presented to the undersigned Commissioner of Public Lands of the State of New Mexico for examination, an agreement for the development and operation of the Rocky Arroyo Unit Area, Eddy County, New Mexico, dated September 13, 1945, in which the Potash Company of America is designated as Operator and which has been executed by various parties owning and holding oil and gas leases embracing lands within the unit area and upon examination of said agreement the Commissioner finds:

a. That such agreement will tend to promote the conservation of oil and gas and the better utilization of reservoir energy in said field;

b. That under the operations proposed, the State will receive its fair share of the recoverable oil or gas in place under its lands in the area affected;

c. That the agreement is in other respects for the best interest of the State;

d. That the agreement provides for the unit operation of the field, for the allocation of production, and the sharing of proceeds from a part of the area covered by the agreement on an acreage basis as specified in the agreement;

NOW, THEREFORE, by virtue of the authority conferred upon me by Chapter 88 of the Laws of the State of New Mexico, 1943, approved April 14, 1943, I, the undersigned, Commissioner of Public Lands of the State of New Mexico, for the purpose of more properly conserving the oil and gas resources of the State, do hereby consent to and approve the said agreement, as to the lands of the State of New Mexico included in said Rocky Arroyo Unit Agreement, and subject to all the provisions of the aforesaid Chapter 88 of the Laws of the State of New Mexico, 1943.

Executed this 12th day of Dece , 1945.

mmissioner of Public Lands of the State of New Mexico

## UNIT AGREEMENT

FOR THE DEVELOPMENT AND OPERATION OF THE ROCKY ARROYO UNIT AREA EDDY COUNTY STATE OF NEW MEXICO

I. Sec. No.\_\_\_\_

This agreement, entered into, as of the \_\_\_\_\_ day of \_\_\_\_\_, 194\_, by and between the parties subscribing or consenting hereto,

W-I-T-N-E-S-S-E-T-H:

WHEREAS, the parties hereto are the owners of operating, royalty, or other oil or gas interests in the unit area subject to this agreement;

WHEREAS, it is the purpose of the parties hereto to conserve natural resources, prevent avoidable waste, and secure other benefits obtainable through development and operation of the unit area subject to this agreement under and pursuant to the provisions of sections 17, 27, and 32 of the Act of Congress approved February 25, 1920, entitled "An Act to promote the mining of coal, phosphate, oil, oil shale, gas and sodium on the public domain, "41 Stat. 443, 448, 450, as amended or supplemented by the acts of March 4, 1931, 46 Stat. 1523, and August 21, 1935, 49 Stat. 676; 30 U.S.C. 226, 184 and 189;

WHEREAS, the Commissioner of Public Lands of the State of New Mexico is authorized by an Act of the Legislature (Chap. 88, Laws 1943) to consent to or approve this agreement on behalf of the state of New Mexico, insofar as it covers and includes lands and mineral interests of the State of New Mexico; and WHEREAS, the Oil Conservation Commission of the State of New Mexico is authorized by an Act of the Legislature (Chap. 72, Laws 1935) to approve this agreement and the conservation provisions hereof;

NOW, THEREFORE, for and in consideration of the premises and the promises hereinafter contained, the parties subscribing hereto and the parties consenting hereto agree as follows:

ENABLING ACT 1. The act of February 25, 1920, <u>supra</u>, as <u>AND</u> amended, and all pertinent regulations heretofore and all pertinent and reasonable regulations hereafter issued thereunder, and not inconsistent with the provisions hereof, including operating regulations, are accepted and made a part of this agreement. Likewise, the Act of the Legislature of the State of New Mexico (Chap. 88, Laws 1943) and the Act of the Legislature of the State of New Mexico (Chap. 72, Laws 1935) and all pertinent regulations issued under the latter Act are hereby accepted and made part of this agreement.

<u>DEFINITIONS</u> 2. For all purposes of this agreement, certain terms used herein are defined as follows:

(a) "Secretary" shall mean the Secretary of the Interior of the United States and those persons or agencies duly authorized to act for and in his behalf.

(b) "Supervisor" shall mean the Oil and Gas Supervisor of the United States Geological Survey and those persons or agencies duly authorized to act for and in his behalf.

(c) "Commissioner" shall mean the Commissioner of Public Lands of the State of New Mexico. (d) "Commission" shall mean the Oil Conserva tion Commission of the State of New Mexico and those persons
duly authorized to act for and in its behalf.
UNIT AREA 3. The following described lands are

hereby designated and recognized as

constituting the unit area:

 $E_2^1NW_4^1$ ,  $NE_4^1$ , and  $S_2^1$  Section 33, All of Sections 34 and 35, Township 20 South, Range 24 East, All of fractional Sections 33, 34, 35 and 36, Township  $2O_2^1$  South, Range 23 East. All of Sections 1, 2, 3, 4, 9, 10, 11, 12, 13, 14, 15, 16, 21, 22, 23, 24, 25, 26, 27, 28, 33, 34, 35, and 36, Township 21 South, Range 23 East, All of Sections 1, 2, 3, N<sub>2</sub> and N<sub>2</sub>S<sub>2</sub>, S<sub>2</sub>SE<sub>4</sub> Section 4, E<sub>2</sub> Section 9, All of Sections 10 and 11, SW<sub>2</sub>SW<sub>4</sub> and N<sub>2</sub>SW<sub>4</sub> and NW<sub>4</sub> Section 12, Township 22 South, Range 23 East, N.M.P.M., Eddy County, New Mexico.

The Unit Operator, with the consent of a majority in interest of the Working Interest Owners, and subject to the approval of the Secretary, the Commissioner and the Commission, may enlarge the unit area to include other lands believed to be commercially productive of the unitized substances, or shall, subject to approval of the Secretary, the Commissioner and the Commission, diminish the unit area to exclude lands not in any participating area hereunder believed to be barren of the unitized substances.

Exhibit "A" attached hereto is a map on which is outlined the herein established Unit Area, together with the ownership of the land and leases in said Area. Exhibit "B" attached hereto is a schedule showing the nature and extent of ownership of oil and gas rights in all land in the Unit Area to which this unit agreement will become applicable by signature hereto, or to a counterpart hereof by the owners of such rights, and hereinafter referred to as "unitized lands". Said exhibits chall be revised by the Unit Operator whenever any change in the Unit Area or ownership of rights render such change necessary, and the revised exhibits shall be filed with the record of this agreement.

-3-

## UNITIZED SUBSTANCES

4. All oil, gas, natural gasoline, and associated fluid hydrocarbons producible from land sub-

ject to this agreement, in any and all sands or horizons, are unitized under the terms of this agreement and hereinafter are called "unitized substances".

UNIT OPERATOR 5. The Potash Company of America, a Colorado Corporation with offices at Carlsbad, New Mexico, is hereby designated as Unit Operator and by signature hereto commits to this agreement all interests in unitized substances vested in it as set forth in the schedule attached hereto marked Exhibit R and agrees and consents to accept the duties and obligations of Unit Operator to conduct and manage the operation of said unit area for the discovery and development of unitized substances as herein provided. Herein whenever reference is made to the Unit Operator, such reference is understood to mean the unit operator acting in that capacity and not as an owner of interests in unitized substances, such a reference shall be understood to include any interests in unitized substances owned by the Unit Operator.

The Unit Operator shall have the right to resign at any time provided that any well drilled hereunder is placed in a satisfactory condition for suspension, or is satisfactorily abandoned under the Federal Oil and Gas Operating Regulations, if on Federal land, and under the laws of the State of New Mexico, and the rules and regulations of the Commission, if on state or patented land, but no Unit Operator shall be relieved from the duties and obligations of Unit Operator for a period of three (3) months after notice of intention to relinquish such duties and obligations has been served by him on all other parties hereto and the Secretary and the Commissioner, unless a new Unit Operator shall have been selected and approved and shall have taken over and assumed the duties and obligations of the Unit Operator prior to the date on

-4-

which relinquishment by or removal of Unit Operator becomes effective. The parties hereto or a duly qualified new Unit Operator may purchase at its then depreciated market value all or any part of the equipment, material, and appurtenances in or upon the land subject to this agreement, owned by the retiring Unit Operator, in its capacity as such operator, or make other arrangements satisfactory to the retiring Unit Operator for the use thereof, provided that no such equipment, material, or appurterances so selected for purchase shall be removed prior to the effective date of Unit Operator's retirement. Any equipment, material, and appurtenances not so purchased or arranged for as to the use thereof within said time limit and not necessary for the preservation of wells may be removed by the retiring Unit Operator at any time within six (6) months after his relinquishment or removal becomes effective, but if not so removed shall become the joint property of the owners of working interest rights in land then subject to this agreement. The termination of any rights as Unit Operator under this agreement shall not of itself terminate any right, title, or interest which the Unit Operator may then have in the unitized substances, but the Unit Operator shall have the right and option in connection with its resignation to reassign or retransfer to its several predecessors in interest all of its interest in the lands and leases severally acquired from them, together with its working interest in the unitized substances, and upon such delivery be discharged from any future liability as a working interest owner hereunder; said reassignments to be effective as to said transferee thereupon, subject, however, to the approval of the Secretary as to transfers of interest in lands of the United States and subject, however, to the approval of the Commissioner as to interests in lands of the State of New Mexico.

-5-

SUCCESSOR UNIT

6.

OPERATOR discontinue or relinquish his rights as Unit Operator or shall fail to fulfill his duties and obligations as Unit Operator under this agreement, the owners of the Majority of the unitized working interests in the participating area on an acreage basis, or the owners of working interests according to their total acreage interest in the unit area until a participating area shall have been established, shall select a new Unit Operator, provided that if the majority of the working interests rights which are at any time qualified to vote in selecting a new Unit Operator are owned by one party to this agreement then a vote of at least two owners of working interests qualified to vote shall be required to select a new operator. Such selections shall not become effective until (a) a Unit Operator so selected shall agree and consent in writing to accept the duties and responsicilities of Unit Operator, and (b) the selection shall have been approved by the Secretary and the Commissioner. In the absence of the selection of an acceptable Unit Operator by the working interest owners within (6) months after notice by Unit Operator of intention to relinguish its rights as Unit Operator, this unit agreement shall automatically terminate.

Whenever the Unit Operator shall

The Unit Operator shall be subject to removal by the Working Interest Owners in the same manner as herein provided for the selection of a new Unit Operator.

| RIGHTS AND 7.<br>OBLIGATIONS<br>OF<br>UNIT OPERATOR | Except as hereinafter specified, the ex-   |
|-----------------------------------------------------|--------------------------------------------|
|                                                     | clusive right, privilege and duty of exer- |
|                                                     |                                            |

-6-
signatory hereto which are necessary or convenient for prospecting for, producing, storing, and disposing of the unitized substances are hereby vested in the Unit Operator and shall be exercised by said Unit Operator as provided in this agreement. Acceptable evidence of title to said rights shall be deposited with said Unit Operator and, together with this agreement, shall constitute and define said Unit Operator's rights, privileges, and obligations in the premises; provided, that nothing herein shall be construed to transfer title to any land, or to any operating agreement or leases, it being understood that under and pursuant to this agreement the Unit Operator, in its capacity as Unit Operator shall exercise the rights of possession and use vested in the parties hereto only and exclusively for the purposes herein specified. The Unit Operator shall pay all costs and expenses of operations with respect to the unitized land, and no part thereof shall be charged to the royalty owners. The matter of allocation and handling such costs and expenses is left to private arrangement between the Unit Operator and the other working interest owners. The Unit Operator shall render to the owners of unitized interests entitled thereto an account of the operations on unitized lands during the previous calendar month, shall pay in value or deliver to each party entitled thereto a proportionate and allocated share of the products produced hereunder, and account for all costs and benefits of operations under this agreement in conformity with operating agreements, leases or other independent contracts between the Unit Operator and the parties hereto either collectively or independently.

-7-

The development and operation of land subject to this agreement under the terms hereof shall be deemed full performance by Unit Operator of all obligations for such development and operation with respect to each and every part or separately owned tract subject to this agreement, regardless of whether there is any development of any particular part or tract of the unit area, notwithstanding anything to the contrary in any lease, operating agreement or other contract by and between the parties hereto, or

Within six (6) months from the effecany of them. tive date of this agreement, Unit 8. DRILLING Operator shall begin operations in the unit area to drill TO DISCOVERY an adequate test well at a location upon the Unit Area to be approved by the Supervisor, if such location is upon lands of the United States, and if upon State lands or patented lands, such location shall be approved by the Commission, and having commenced such operations shall continue such drilling diligently until said well shall have been drilled to a depth not less than 4000 feet unless oil or gas which can be produced in paying quantities is encountered in said well at a lesser depth or unless, at a lesser depth, an igneous or metamorphic formation or some other condition or formation is encountered which would render further drilling inadvisable or impracticable. If said first well, drilled as afor (said, fails to encounter the unitized substances, Unit Operator or his successor shall thereupon commence within six (6) months after the completion of the former well, and drill, one at a time, additional wells until a productive well is

-8-

completed to the satisfaction of the Supervisor and Commissioner, or until it is reasonably proved that the unitized land is incapable of producing the unitized substances; provided that the Secretary and Commissioner may grant extension of time for the commencement of any such well; and provided further that nothing herein contained shall preclude any Operator from effectively resigning as provided in Section 5 hereof before any obligation to commence a second or subsequent well accrues hereunder, and be relieved of the obligation to commence such well. Upon failure to comply with the drilling requirements of this section the Secretary may, after reasonable notice, declare this unit agreement terminated.

PLAN OF FURTHER 9. Within sixty (60) days from completion of a DEVELOPMENT AND OPERATION well capable of producing the unitized substances as aforesaid, Unit Operator shall submit for the approval of the Supervisor, the Commissioner, and the Commission an acceptable plan of development for the Unit Area, which plan or a subsequent modification thereof, when so approved shall constitute the further drilling and operation obligations of Unit Operator. Reasonable diligence shall be exercised by the Unit Operator in complying with the drilling and producing obligations of the approved plan of development and said plan shall, subject to like approval be modified or supplemented in whole or in part from time to time as may be required to meet changed conditions or to protect the interests of all parties to this agreement and the further obligations of the Unit Operator shall be conformed thereto; provided that in no event shall the operator under any such plan, or otherwise, be under any obligation to drill any well to any formation that does not afford a fair possibility for encountering the unitized substances in paying quantities. Well drilling operations including well completions, producing practices and well abandonments, shall be in accordance with the Plan of Development and Operation. All operations thereunder shall be subject to the approval of the Supervisor as to wells on federal land and by the Commission for wells on state and private land.

-9-

During any period when it shall appear that an acceptable plan of development cannot be adopted because of the inability of the Supervisor, the Commissioner and the Commission to agree upon the terms thereof, the Unit Operator may, in accordance with the applicable regulations referred to in Section 1 hereof, proceed with reasonable diligence to drill other wells to determine the limits of production and to develop the productive portion of the unit area, and may and shall operate all productive wells in conformity with good operating practices, and the conservation principles of this agreement.

10. Upon completion of a productive PARTICIPATION AFTER DISCOVERY well as aforesaid, Unit Operator shall submit for the approval of the Secretary, the Commissioner and the Commission a schedule of lands based on subdivisions of the public land survey, including all subdivisions one-half or more of the acreage of which is then regarded as reasonably proved to be productive of unitized substances in paying quantities; all land in said schedule, when approved, to constitute a participating area effective as of the date of first production. Said schedule shall set forth the percentage acreage interest of each owner of rights in the participating area thereby established. Such percentage acreage interest shall govern the allocation of production from and after the date the participating area becomes effective. With the approval of the Secretary, Commissioner and the Commission, a separate participating area may be established for any separate deposit . of unitized substances or for any group of such deposits. The participating area or areas so established shall be enlarged

-10-

from time to time in like manner and subject to like approval whenever such action appears proper as a result of further drilling operations to include additional land then regarded as reasonably proved to be productive in paying quantities, and a new schedule of percentage acreage interests conformable thereto shall thereupon be fixed. The effective date of any such enlargement shall be the first of the month next following the month in which the well is completed which demonstrates the propriety of the enlargement, and any unitized substances theretofore produced from such well shall be allocated to the lease on which the well is drilled. A well shall be deemed completed when equipped and successfully tested for production, all of which shall be done diligently. No land once included in a participating area shall be excluded from such participating area on account of depletion of the unitized substances therefrom, or for any cause save loss of title. It is the intent of this Section that a participating area shall at all times represent as nearly as possible the area known or reasonably estimated to be productive in paying quantities; but, regardless of any increase in the participating area, nothing herein contained shall be construed as requiring any retroactive apportionment of any sums accrued or paid for production obtained prior to the effective date of increase of the participating area.

Until a participating area or areas has or have been established as herein-provided, or in the absence of agreement at any time between the Unit Operator, the Secretary, the Commissioner, and the Commission as to the proper boundaries of a participating area, the portion of all payments affected by such absence of agreement, except the royalties due the United States and the State of New Mexico, may be impounded in a mutually acceptable bank.

-11-

ALLOCATION OF PRODUCTION --ROYALTIES 11. Except as provided in Section 12, all

unitized substances produced under this agreement, except any part thereof used for production and development purposes thereunder, or unavoidably lost, shall be deemed to be produced equally on an acreage basis from the several tracts of land of the participating area, and for the purpose of determining any benefits that accrue on an acreage basis as a result of operations under this agreement, each such tract shall have allocated to it such percentage of said production as its area bears to the said participating area. Unitized substances produced from any participating area and used in conformity with good operating practice under an approved plan of operation for repressuring or cycling in any participating area shall be free from any royalty charge. If Unit Operator introduces gas obtained from sources other than the unitized substances into any participating area hereunder for use in repressuring, stimulation of production or increasing ultimate recovery in conformity with a plan first approved by the Supervisor, the Commissioner and the Commission, a like amount of gas, with due allowance for loss or shrinkage thereof from any cause, may be drawn from the formation into which the gas was introduced, royalty free as to dry gas but not as to the products extracted therefrom, provided that such withdrawal shall be at such time as may be provided in the plan of operation or as may otherwise be consented to by the Supervisor, the Commissioner and the Commission, as conforming to good petroleum engineering practice, and provided further that such right of withdrawal shall terminate on the termination of the unit.

Except as otherwise herein provided, royalties shall be paid or delivered as provided by existing leases or contracts,

-12-

at the lease or contract rate upon the unitized substances allocated to the lease or tract. Settlement shall be made on or before the 20th day of each month for the unitized substances produced during the preceding calendar month. Such royalties shall be paid by the party operating the wells, but nothing herein shall operate to relieve the lessees, or any of them, of their obligation to pay rentals and royalties under the terms of their respective leases.

The right is hereby secured to the United States and the State of New Mexico under existing or future laws and regulations to elect to take their respective royalty shares in kind or value.

DEVELOPMENT 12. OR OPERATION ON NON-PARTICI-PATING LAND Any party hereto other than Unit Operator owning or controlling a majority of the working interest rights in

any unitized tract included in the non-participating area having thereon a regular well location in accordance with a well-spacing pattern established under an approved plan of development and operation may drill a well at such location at his own expense, unless within 90 days of receipt of notice from said party of his intention to drill the well Unit Operator elects and commences to drill such well in like manner as other wells are drilled by Unit Operator under this agreement.

If such well is not drilled by Unit Operator and results in production such that the land upon which it is situated may properly be included in a participating area, the party paying the cost of drilling such well shall be reimbursed one hundred fifty percent (150%) of the average cost of drilling similar producing wells in the unitized area, and the well

-13-

shall be operated pursuant to the terms of this agreement all as though the well had been drilled by the Unit Operator.

If any well drilled by Unit Operator or by an owner of working interest rights as provided in this section obtains production insufficient to justify inclusion in a participating area of the land on which said well is situated, said owner of working interests at his election, within 30 days of determination of such insufficiency, shall be wholly responsible for and may operate and produce the well at his sole expense and for his sole benefit. If such well was drilled by Unit Operator, said owner of working interests shall pay the Unit Operator a fair salvage-value price for the casing and other equipment left in the well.

Wells drilled at the sole expense of any party other than Unit Operator or produced at his sole expense and for his sole benefit shall be subject to the drilling and producing requirements of this agreement the same as though drilled or produced by Unit Operator; and royalties in amount or value of production from any such well as well as rental charges, if any, shall be paid as specified in the lease affected, unless otherwise authorized in writing by the lessor.

RETTAL AND ROYALTY PAYMENTS 13. The Unit Operator, on behalf of the respective lessees, shall pay, or at

the election of the Secretary of the Interior as to Federal leases and at the election of the Commissioner as to State leases shall deliver in kind, all royalties and shall pay all rentals due the United States and the State of New Mexico respectively, on account of operations by Unit Operator on unitized land and shall distribute the cost

-14-

thereof to the appropriate parties conformably with their respective rental and royalty obligations; provided, that nothing herein contained shall operate to relieve the lessees, or any of them, of their obligation to pay rentals and royalties under the terms of their respective leases.

On request of any party, Unit Operator at its election shall pay other royalties on his behalf in accordance with a schedule furnished by him and charge the cost thereof to his account; provided, that Unit Operator shall incur thereby no responsibility to any royalty owner, but such responsibility shall be and remain an obligation of the parties requesting payment thereof.

GOVERNMENT ROYALTIES AND RENTALS 14. Royalty due the Unites States on account of unitized Federal land shall be computed

as provided in the operating regulations and paid as to all unitized substances on the basis of the amounts thereof allocated to such land as provided herein at the rates specified in the respective Federal leases; provided, that, for leases on which the royalty rate depends on the daily average production per well, said average production for any participating area shall be determined in accordance with the operating regulations as though all the unitized land within the same participating area were a single consolidated lease, and provided that during the period of the national emergency declared by the President May 27, 1 9 4 1, Proclamation No.2487, 55 Stat. 1647, upon a determination by the Secretary of the Interior that a new oil or gas field or deposit has been discovered by virtue of a well or wells drilled under this agreement, the royalty on production from such new field or

-15-

deposit allocated to Federal land subject to this agreement at the time of such discovery shall, during the 10-year period following the date of such discovery, be paid in value or delivered in kind at a flat rate of  $13\frac{1}{2}$  per centum unless a lower rate is prescribed in the lease.

Rental for land of the United States subject to this agreement at the rates specified in the respective Federal leases shall be paid, suspended, or reduced as determined by the Secretary of the Interior, pursuant to applicable law and regulations.

<u>CONSERVATION</u> 15. Operations and production of unitized substances shall be conducted so as to

provide for the most economical and efficient recovery of said substances to the end that maximum yield may be obtained without waste, as defined by or pursuant to State or Federal law or regulation; and shall be limited to such production as can be put to beneficial use with adequate realization of fuel and other values.

**DRAINAGE** 16. Unit Operator shall take appropriate and adequate measures to prevent drainage of unitized substances from unitized land by wells on land not subject to this agreement, or, with the approval of the Secretary as to federal interests and of the Commissioner as to state interests, and at the election of the Unit Operator as to private interests, pay a fair and reasonable compensatory royalty, as determined by the Supervisor as to federal interests, and the Commissioner as to state interests subject to this agreement and by agreement between the Unit Operator and royalty owners, as to private interests.

-16-

LEASES AND CON-TRACTS CONFORMED TO AGREEMENT 17. The parties hereto or consenting hereto holding interests in

leases embracing unitized land of the United States or of the State of New Mexico consent that the Secretary and Commissioner, respectively, may, and said Secretary and Commissioner, by their approval of this agreement, do hereby establish, alter, change or revoke the drilling, producing, and royalty requirements of such leases and the regulations in respect thereto, to conform said requirements to the provisions of this agreement, but otherwise the terms and conditions of said leases shall remain in full force and effect.

Owners and lessors of privately owned lands or of interests therein, including royalty interests, and including their heirs, executors, administrators, successors and assigns, by subscribing or consenting to this agreement, in person or by attorney in fact. do hereby severally agree that the respective leases covering their several lands or interests therein, may be and remain in force and effect for the respective primary terms therein stated, and so long thereafter as oil or gas may be produced therefrom in quantities sufficient to justify the cost of production; and also in the event that any of the land embraced in any such lease is during the primary term of such lease included within a participating area duly selected and approved under this unit plan of development, so that each owner becomes entitled to a share in the proceeds of production from the participating area, payable at the respective lease rates on the production allocated on an acreage basis to the portion of the lease within the participating area, then each such lease is hereby extended, without

-17-

further delay rental obligation, as to the land embraced therein which is so included in such participating area, for the full term of this unit plan as herein stated.

The Secretary, Commissioner and, except as otherwise provided in the preceding paragraph of this Section, all parties hereto further determine, agree and consent that during the effective life of this agreement, drilling and producing operations performed by the Unit Operator upon any unitized land will be accepted and deemed to be operations under and for the benefit of all unitized leases subject hereto; that no such lease shall be deemed to expire by reason of failure to produce wells situated on land therein embraced; that if a discovery of a valuable deposit of unitized substances is made anywhere on the unitized land, each such lease in effect on or after the date of such discovery shall be deemed to continue in force and effect as to land in the unit area, as long as unitized substances are produced anywhere on unitized land in paying quantity; that prior to such discovery of unitized substances anywhere on unitized land, the expiration date of each unitized lease embracing lands of the United States shall be the date prescribed in such lease subject to such preferential right to a new lease as may be authorized by law; and the suspension of all operations and production on the unitized land pursuant to direction or consent of said Secretary and Commissioner shall be deemed to constitute such suspension pursuant to such direction or consent with respect to each such lease, and that no lease shall expire on account of such suspension, as to land in the unit area.

The parties hereto or consenting hereto, holding interests in leases subject to this agreement embracing

-18-

lands other than those of the United States or of the State of New Mexico or holding interests in any other agreements that involve oil and gas rights in lands in the Unit Area, consent and agree, to the extent of their respective interests, that all such leases and agreements shall conform to the provisions of this agreement.

COVENANTS 18. The covenants herein run with the RUN WITH LAND land until this agreement terminates. and any grant, transfer or lease of interest in land or leases subject hereto shall be and hereby is conditioned upon the assumption of all privileges and obligations hereunder by the grantee, transferee, lessee, or other successor in interest and as to federal land, shall be subject to approval by the Secretary, and as to lands of the State of New Mexico, shall be subject to the approval of the Commissioner. No transfer of any interest in and to any of the unitized lands or affecting the production therefrom shall be binding upon the Unit Operator until the first day of the next calendar month after the Unit Operator has been furnished with an original, photostatic or certified copy of the instrument of transfer.

EFFECTIVE<br/>DATE19. This agreement shall become effective<br/>DATE<br/>and the first day of the calendar monthnext following approval by the Secretary of the Interior and<br/>the Commissioner, provided however that nothing herein shall<br/>be construed to waive or limit the right of the Commission to<br/>approve this agreement pursuant to applicable state law.Except as otherwise provided as to private leases by the<br/>second paragraph of Section 17 hereof, this agreement shall<br/>terminate on December 31, 1949, unless (1) such date of

-19-

expiration is extended by the Secretary and the Commissioner; or (2) a valuable discovery of unitized substances has been made on unitized land, in which case the agreement shall remain in effect as long as unitized substances can be produced from the unitized land in paying quantities; or (3) it is reasonably determined at an earlier date that the unitized land is incapable of commercial production of unitized substances, and, with approval of the Secretary and the Commissioner, notice of termination is given by Unit Operator to all parties in interest at their last known address; or (4) it is terminated as provided in sections 6 or 8 hereof; provided that this agreement may be terminated at any time by consent of the owners of 75 per centum, on an acreage basis, of the owners of working interests signatory hereto with the approval of the Secretary and the Commissioner.

RATE OF PROSPECT-ING, DEVELOPMENT, AND PRODUCTION ,20. All production and the disposal thereof, shall be in conformity

with allocations, allotments and quotas made or fixed by the Commission under any State Statute; provided however that the Secretary is vested with authority pursuant to the amendatory acts of Congress of March 4, 1931, and August 21, 1935, supra, to alter or modify from time to time in his discretion the rate of prospecting and development, and, within the limits made or fixed by the Commission to modify the quantity and rate of production under this agreement, such authority being hereby limited to alteration or modification in the public interest, the purpose thereof

-20-

and the public interest to be served thereby to be stated in the order of alteration or modification; provided further that no such alteration or modification shall be effective as to any lands of the State of New Mexico as to the rate of prospecting and development in the absence of the specific written approval thereof by the Commissioner and as to any lands of the State of New Mexico or privately owned lands subject to this agreement as to the quantity and rate of production in the absence of specific written approval thereof by the Commission.

UNAVOIDABLE 21. All obligations under this agreement re-DELAY quiring Unit Operator to commence or con-

tinue drilling or to operate on or produce oil or gas from any of the lands covered by this agreement shall be suspended while, but only as long as, the Unit Operator is prevented from complying with such obligations, in whole or in part, by strikes, lockouts, acts of God, Federal, State or municipal law or agencies, unavoidable accidents, uncontrollable delays in transportation, inability to obtain necessary materials in open market, or other matters beyond the reasonable control of the Unit Operator whether similar to the matters herein enumerated or not.

CONFLICT 22. Neither the Unit Operator nor the work-OF ing Interest Owners nor any of them shall be subject to any forfeiture, termination or expiration of any rights hereunder or under any leases or contracts subject hereto, or to any penalty or liability for delay or failure in whole or in part to comply therewith to the extent that said Unit Operator, Working Interest Owners or any of them are hindered, delayed, or prevented from complying therewith

-21-

by reason of failure of Unit Operator to obtain the joint consent of the representatives of the United States and the representatives of the State of New Mexico in and about any matter or thing concerning which it is required herein that such joint consent be obtained. The parties hereto and consenting hereto, including the Commission agree that all powers and authority vested in the Commission in and by any provisions of this contract are vested in the Commission and shall be exercised by it pursuant to the provisions of the laws of the State of New Mexico and subject in any case to appeal or judicial review as may now or hereafter be provided by the laws of the State of New Mexico.

NON-23. The Unit Operator expressly agrees that in any and all operations conducted hereunder, it shall not discriminate against any employee or applicant for employment because of race, creed, color, or national origin and shall require an identical provision to be included in all subcontracts.

SUBSEQUENT JOINDER 24. Any person owning rights in the

unitized substances within the unit

area who does not commit such rights hereto prior to the effective date hereof, may thereafter become parties hereto by subscribing this agreement, and if such parties are working interest owners they shall also subscribe the operating contract and comply with all terms and conditions therein set forth.

<u>COUNTERPARTS</u> 25. This agreement may be executed in any number of counterparts with the same force

and effect as if all parties had signed the same document.

IN WITNESS WHEREOF, the parties hereto have caused this agreement to be executed and have set opposite their respective names the date of execution.

-22-



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-23-

### APPROVAL - CERTIFICATION - DETERMINATION

Pursuant to the Statutory authority in the Secretary of the Interior, under the act approved March 4, 1931, 46 Stat. 1523, and the act approved August 21, 1935, 49 Stat. 674, amending the act approved February 25, 1920, 41 Stat. 437; 30 U. S. C. 226, 184 and 189, in order to secure the proper protection of the public interest, I, \_\_\_\_\_\_\_, Secretary of the Interior, this \_\_\_\_\_\_ day of \_\_\_\_\_\_\_, 19\_\_, hereby take the following action:

- A. Approve the attached agreement for the development and operation of the Rocky Arroyc Unit Area.
- B. Determine and certify that the plan of development and operation contemplated in said agreement is for the purpose of more properly conserving oil or gas resources of said unit area and is necessary or advisable in the public interest.
- C. Certify that each and every lease heretofore or hereafter issued for lands of the United States subject to, or which may hereafter become subject to, said agreement shall be excepted in determining holdings or control under the provisions of any section of the Act of Congress approved February 25, 1920, and amendments thereto.

Secretary of the Interior

-24-

|             | STATE OF)                                                                                                                                                      |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             | COUNTY OF)                                                                                                                                                     |
|             | On thisday of, 194_, before me personally appeared                                                                                                             |
|             | to me known to be the person<br>described in and who executed the foregoing instrument, and<br>acknowledged thathe executed the same as<br>free act and deed.  |
|             | IN WITNESS WHEREOF, I have hereunto set my hand and<br>affixed my official seal the day and year in this certificate<br>above written.                         |
|             | My commission e es Notary Public                                                                                                                               |
|             |                                                                                                                                                                |
|             |                                                                                                                                                                |
|             | STATE OF)                                                                                                                                                      |
|             | COUNTY OF)                                                                                                                                                     |
|             | On this day of, 194_, before me personally appeared, to me known to be the person                                                                              |
|             | described in and who executed the foregoing instrument, and<br>acknowledged that he executed the same as                                                       |
|             | IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.                               |
|             |                                                                                                                                                                |
|             | My commission expires: Notary Public                                                                                                                           |
|             |                                                                                                                                                                |
|             | STATE OF)                                                                                                                                                      |
|             | COUNTY OF)                                                                                                                                                     |
| <i>., ,</i> | On this day of, 194_, before me personally appeared                                                                                                            |
|             | to me known to be the person<br>described in and who executed the foregoing instrument, and<br>acknowledged that he executed the same as<br>free act and deed. |
|             | IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.                               |

My commission expires:

Notary Public



## EXHIBIT "B"

## Rocky Arroyo Unit Agreement, Eddy County, New Mexico

## Schedule Showing the Nature and Extent of Ownership of oil and gas Rights in All Lands in the Unit Area

## FEDERAL LANDS

| Description                                                                                                              | No. of<br>Acres | Las Cruces<br>Serial No. | Ownership of Application<br>or Oil and Gas Lease |
|--------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------------|--------------------------------------------------|
| $\frac{T-2US, R-24E}{Section 33}$<br>E $\frac{1}{2}NW_{4}^{1}$ , NE $\frac{1}{4}$ , S $\frac{1}{2}$                      | 560             | 061741                   | Lora W. Payne                                    |
| Section 34<br>All                                                                                                        | 640             | 061741                   | Dora W. Payne                                    |
| Section 35<br>NE $\frac{1}{2}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$<br>S $\frac{1}{2}$ | 600             | 061741                   | Dora W. Payne                                    |
| $\begin{array}{c} \underline{T-201}S, \ \underline{R-23E}\\ Section \ 33\\ Lot \ 4 \end{array}$                          | 45.27           | 061741                   | Dora W. Payne                                    |
| Balance of Fractiona<br>Section 33                                                                                       | 1<br>296.37     | 061764                   | Ray Hobbs                                        |
| Section 34<br>All a fractional<br>Section                                                                                | 343.42          | 061741                   | Dora W. Payne                                    |
| Section 35<br>Lot 4                                                                                                      | 46.10           | 061741                   | Dora W. Payne                                    |
| <u>T-215, R-23E</u><br>Section 1<br>All                                                                                  | 639.48          | 061764                   | Ray Hobbs                                        |
| Section 2 $N\frac{1}{2}$                                                                                                 | 320,28          | 061764                   | Ray Hobbs                                        |
| Section 3<br>All                                                                                                         | 640.56          | 061764                   | Rəy Hobbs                                        |
| Section 4<br>Áll                                                                                                         | 641.04          | 061764                   | Ray Hobbs                                        |
| Section 9<br>$N^{\frac{1}{2}}$ , $SW^{\frac{1}{4}}$ , $E^{\frac{1}{2}}SE^{\frac{1}{4}}$                                  | 560             | 061744                   | George D. Riggs                                  |
| ₩ <sup>1</sup> <sub>2</sub> SE <sup>1</sup>                                                                              | 80              | 061686                   | James F. Warden                                  |
| Section 10<br>All                                                                                                        | 640             | 061744                   | George D. Riggs                                  |
|                                                                                                                          |                 |                          |                                                  |

| Description                                                                                        | No. of<br>Acres | Las Cruces<br>Serial No. | Ownership of Applicatics<br>or Oil and Gas Lease |
|----------------------------------------------------------------------------------------------------|-----------------|--------------------------|--------------------------------------------------|
| <u>T-21S, R-23E</u> (Cont.)<br>Section 11<br>All                                                   | 640             | 061744                   | George D. Riggs                                  |
| Section 12<br>All                                                                                  | 640             | 061744                   | George D. Riggs                                  |
| Section 13<br>All                                                                                  | 640             | 061746                   | Neil H. Wills                                    |
| Section 14                                                                                         | 640             | 061746                   | Neil H. Wills                                    |
| Section 15                                                                                         | 640             | 061746                   | Neil H. Wills                                    |
| Section 21<br>$W_{2}^{\frac{1}{2}}, E_{2}^{\frac{1}{2}}NE_{4}^{\frac{1}{2}}, SE_{4}^{\frac{1}{2}}$ | 560             | 061746                   | Neil H. Wills                                    |
| Wzneż                                                                                              | 80              | 061685                   | Smith, ct al                                     |
| Section 22<br>All                                                                                  | 640             | 061745                   | Edith Riggs                                      |
| Section 23<br>All                                                                                  | 640             | 061745                   | Edith Riggs                                      |
| Section 24<br>All                                                                                  | 640             | 061745                   | Edith Riggs                                      |
| Section 25                                                                                         | 640             | 061743                   | Mary E. Wills                                    |
| Section 26<br>All                                                                                  | 640             | 061 743                  | Mary E. Wills                                    |
| Section 37<br>All                                                                                  | 640             | 051743                   | Mary E. Wills                                    |
| Section 28<br>All                                                                                  | 640             | 061745                   | Edith Riggs                                      |
| Section 33<br>All                                                                                  | 640             | 061743                   | Mary E. Wills                                    |
| Section 34<br>All                                                                                  | 640             | 061747                   | Louise Wertheim                                  |
| Section 35<br>All                                                                                  | 640             | 031663                   | Estelle G. Woods                                 |
| T-228., R.23E<br>Section 1<br>all                                                                  | 673.32          | 061766                   | Thomas A. Brown                                  |
| Section 3<br>AbNEt, SWHNEt                                                                         | 138,19          | 061663                   | Estelle G. Woods                                 |
| NWL, SELNEL, SI                                                                                    | 538,97          | 061747                   | Louise Wertheim                                  |

| Description<br>T-228, R-23E (Cont.)                                                                              | No. of<br>Aores | Las Cruces<br>Serial No. | Ownership of Application<br>or Oil and Gas Lease |
|------------------------------------------------------------------------------------------------------------------|-----------------|--------------------------|--------------------------------------------------|
| $\frac{1-235, R-25E}{\text{Section 4}} (\text{Contr})$<br>$\frac{1-235, R-25E}{\text{Section 4}} (\text{Contr})$ | 598.76          | 061747                   | Louise Wertheim                                  |
| Section 9<br>Ez                                                                                                  | 320             | 061766                   | Thomas A. Brown                                  |
| Section 10<br>All                                                                                                | 640             | 061766                   | Thomas A. Brown                                  |
| Section 11<br>All                                                                                                | 640             | 061756                   | Thomas A. Brown                                  |
| Section 12<br>NWL, NESWL, SWLSWL                                                                                 | 280             | 061766                   | Thomas A. Brown                                  |

# STATE LANDS

| Description                                                        | No. of<br>Acres | State Lease No.<br>and Exp. Date | Oil and Gas Lease<br>Ownership               |
|--------------------------------------------------------------------|-----------------|----------------------------------|----------------------------------------------|
| Description                                                        |                 |                                  |                                              |
| <u>T-2058, R.23E</u><br>Section 36<br>NWLSWL                       | 46.39           | B-10255-11<br>Exp. 4-26-53       | Atkins S. Hopkins<br>Cambridge, Mass.        |
| Nefsaf                                                             | 46.36           | B-9093-1<br>Exp. 4-15-51         | Maurice Schwartz<br>El Paso, exas            |
| SMFSMF                                                             | 40              | L-487<br>Exp. 8-10-55            | Potash Co.of America<br>Carlsbad, New Mexico |
| Se <del>l</del> s# <del>l</del>                                    | 40              | B-10061-5<br>Exp. 2-9-53         | Alex Lunvall<br>Cascade, Idaho               |
| Lots 1 & 2                                                         | 92.64           | Z-487<br>Exp. 8-10-55            | Potash Co.of America                         |
| sm <del>f</del> se <del>t</del>                                    | 40              | B-10898-1<br>Exp. 1-7-54         | W. W. Simon<br>Superior, Arizona             |
| SE <del>l</del> SE <mark>l</mark>                                  | 40              | B-10061-2<br>Exp. 2-9-53         | John P. Basner<br>Pontiac, Mich.             |
|                                                                    |                 |                                  |                                              |
| $\frac{T-21S, R-23E}{Section 2}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ | 40              | B-8462-1<br>Exp. 1-5-50          | Addie P. Reynolds<br>Los Angeles, Calif.     |
| n E <sup>1</sup> S <sup>R</sup> <sup>1</sup>                       | 40              | B-8890-17<br>Exp. 11-25-50       | W. L. Tedford<br>Little Rock, Ark.           |
| રાયનું રાયનું                                                      | 40              | B-8225-4<br>Exp. 6-22-49         | Olive F. Smith<br>Holly Hill, Fla.           |
| SEESHE, SEESEE                                                     | 80              | B-11554-Orig.<br>Exp. 10-10-54   | J. S. Harris<br>Oklahoma City,Okla.          |
|                                                                    |                 |                                  |                                              |

-3-

| Description                                                   | No. of<br>Acres | State Lease No<br>and Exp. Date           | . Oil and Gas Lease<br><u>Ownership</u>           |
|---------------------------------------------------------------|-----------------|-------------------------------------------|---------------------------------------------------|
| $\frac{T-21S, R-23E}{Section 2}$ . (Cont                      | .)              |                                           |                                                   |
| N₩ŧSE <del>1</del>                                            | 40              | B-8851-19<br>Exp. 10-22-50                | W. L. Tedford<br>Little Rook, Ark.                |
| ne <del>l</del> se <del>l</del>                               | 40              | B-9425-28<br>Exp. 12-4-51                 | J. T. Boswell &<br>S. J. Dooley,<br>Kewanee, Ill. |
| SWISEI<br>Section 16                                          | 40              | I-487<br>Exp. 8-10-55                     | Potash Co.of America<br>Carlsbad, New Mexico      |
| NWŻNWŻ, NEŻNEŻ                                                | 80              | B-10730-24<br>Exp. 10-15-53               | M. C. Parrish, Jr.<br>Artesia, New Mexico         |
| netnwt                                                        | 40              | B-10404-9<br>Exp. 6-22-53                 | Charles Curren<br>Gonzales, Calif.                |
| SWZNYZ, SWZSVZ                                                | 80              | B-9141-1<br>Exp. 5-14-51                  | L. E. Stokes<br>El Paso, Texas                    |
| SEZNWZ, NWZSEZ                                                | 80              | B-10806-25<br>Exp. 11-15-53               | A. B. Nicholson<br>St. Louis, Mo.                 |
| NATNET                                                        | 40              | B-8021-11<br>Exp. 2-15-49                 | Roy F. Wyatt<br>Esparto, Calif.                   |
| SW <del>i</del> ne <del>i</del>                               | 40              | B-10806-29<br>Exp. 11-15-53               | Edward B. Hobart<br>Greenfield, Mass.             |
| SE <del>l</del> ne <del>l</del>                               | 40              | B-10806-30<br>Exp. 11-15-53               | J. R. West<br>Kansas City, Kansas                 |
| ŊŞAM <del>Ç</del>                                             | 80              | E-487                                     | Potash Co.of America                              |
| SE <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> | 40              | Exp. 8-10-55<br>B-8852-2<br>Exp. 10-23-50 | Leo Konsen<br>El Paso, Texas                      |
| NEUSEL, SWUSEL                                                |                 |                                           |                                                   |
| SE <del>‡</del> SE <del>1</del>                               | 120             | B-8978-1<br>Exp. 2-8-51                   | Maurice Schwartz<br>El Paso, Texas                |
| Section 36<br>NW&NW&                                          | 40              | E-487<br>Exp. 8-10-55                     | Potash Co.of America<br>Carlsbad, New Mexico      |
| NEFNAF                                                        | 40              | B-9663-20<br>Exp. 5-27-52                 | M. C. Parrish, Jr.<br>Artesia, New Mexico         |
| SWÈNWÈ                                                        | 40              | B-9377-14<br>Exp. 11-7-51                 | Joseph M. Ribas<br>Syracuse, N.Y.                 |
| SE <del>L</del> NWL                                           | 40              | B-10730-24<br>Exp. 10-15-53               | M. C. Parrish, Jr.<br>Artesia, New Mexico         |
| NW <del>L</del> NEL                                           | 40              | B-9542-Orig.                              | J. E. Farrell<br>Ft. Worth, Texas                 |

-4-

|                                                               | No. of | State Lease No.                               | 011 and Gas Lease                                          |
|---------------------------------------------------------------|--------|-----------------------------------------------|------------------------------------------------------------|
| Description                                                   | Acres  | and Exp. Date                                 | Ownership                                                  |
| <u>T-21S, R-23E</u> . (Cont.)                                 |        |                                               |                                                            |
| Section 36<br>NEtNEt                                          | 40     | B-10191-12<br>Exp. 3-31-53                    | M. C. Parrish, Jr.<br>Artesia, New Mexico                  |
| swinei                                                        | 40     | B-11117-2<br>Exp. 3-4-54                      | Flora C. Hotchkis<br>Los Angeles, Calif.                   |
| SELNEL, SWLSEL                                                | 80     | B-10699-4<br>Exp. 1-7-54                      | Harley Lorenson<br>Sheefield, Ill.                         |
| n≩s₩ <del>ç</del>                                             | 80     | B-9663-11<br>Exp. 5-27-52                     | Grace Hoxsey<br>Davenport, Iowa                            |
| S <sup>1</sup> 2SW <sup>1</sup>                               | 80     | B-9663-11<br>Exp. 5-27-52                     | Grace Hoxsey<br>Davenport, Iowa                            |
| nmfsef                                                        | 40     | <b>B-8978-1</b><br>Exp. 2-8-51                | Kaurice Schwartz<br>El Paso, Texas                         |
| NE <sup>1</sup> SE <sup>1</sup>                               | 40     | E-487                                         | Potash Co. of America                                      |
| SE <sup>1</sup> SE <sup>1</sup>                               | 40     | Exp. 8-10-55<br>B-9983-Orig.<br>Exp. 12-29-52 | Carlsbad, New Mexico<br>Roy G. Barton<br>Hobbs, New Mexico |
| <u>T-228, R-23E</u>                                           |        |                                               |                                                            |
| Section 2<br>NWLNWL                                           | 48.82  | B-8515-20<br>Exp. 2-7-50                      | John Z. Broek<br>Holland, Mich.                            |
| NE <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> | 48.69  | B-8515-21<br>Exp. 2-7-50                      | Abbie Lenock<br>Chicago, Ill.                              |
| Sżnm <del>f</del>                                             | 80     | B-9413-12<br>Exp. 11-18-51                    | J. W. Struthers<br>Colorado Springs,Colo.                  |
| nw <del>i</del> ne <del>i</del>                               | 48.49  | 5-8515-35<br>Exp. 2-7-50                      | Norma Weiss<br>Los Angeles, Calif.                         |
| NE <sup>1</sup> <sub>t</sub> HE <sup>1</sup> <sub>t</sub>     | 48.32  | B-8515-34<br>Exp. 2-7-50                      | J. C. Litton<br>Los Angeles, Calif.                        |
| SWLNEL                                                        | 40     | B-9373-9<br>Exp. 10-30-51                     | J. T. Boswell &<br>S. J. Dooley<br>Kewanee, Ill.           |
| SE <del>L</del> NE <del>L</del>                               | 40     | B-8515-18<br>Exp. 2-7-50                      | Gertrude 3. Markin<br>Brecksville, Ohio                    |
| NW <sup>1</sup> 2SW <sup>1</sup>                              | 40     | B-10895-5<br>Exp. 1-7-54                      | Charles S. Sejnoha<br>Chicago, Ill.                        |
| NELSWL, SELSWL<br>SWLSEL                                      | 120    | B-9413-11<br>Exp. 11-18-51                    | Dr. W. B. Wise<br>Sheffield, Ill.                          |

-5-

| Description                                                           | No. of<br>Acres | State Lease No.<br>and Exp. Date | Oil and Gas Lease<br>Ownership                              |
|-----------------------------------------------------------------------|-----------------|----------------------------------|-------------------------------------------------------------|
| <u>T-22S, R-23E</u> .<br>Section 2<br>SW <del>1</del> SW <del>1</del> | 40              | B-10044-2<br>Exp. 1-18-53        | Robert E. McKee<br>El Paso, Texas                           |
| N₩ <del>L</del> SEL                                                   | 40              | B-8515-7<br>Exp. 2-7-50          | Sophie K. & Henrietta<br>B. Schenck,<br>New Brunswick, N.J. |
| NE <sup>1</sup> <sub>4</sub> SE <sup>1</sup> <sub>4</sub>             | 40              | B-9425-14<br>Exp. 12-4-51        | E. E. Bowman<br>Alhambra, Calif.                            |
| SE <del>l</del> SE <del>l</del>                                       | 40              | B-9425-17<br>Exp. 12-4-51        | Herman Flender<br>Superior, Arizona                         |
|                                                                       |                 |                                  |                                                             |

# PRIVATELY OWNED LANDS

Description No. of Acres Ownership T-2038, R-23E. Section 35 All except Lot 4 298.82

Total

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23,640.29 acres

Uncertain, not leased.

## NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

### APPLICATION FOR APPROVAL OF ROCKY ARROYO UNIT AGREEMENT, EDDY COUNTY, NEW MEXICO.

#### New Mexico Oil Conservation Commission Santa Fe New Mexico

Comes the undersigned, the Potash Company of America, and files herewith three copies of a unit agreement for the development and operation of the Rocky Arroyo Unit Area, Eddy County, New Mexico, and hereby makes application for the approval of said agreement by the New Mexico Oil Conservation Commission, and in support thereof shows:

1. That the unit area designated in said agreement covers 23,040.29 acres situated in Townships 20,  $20\frac{1}{3}$ , 21 and 22 South, Ranges 23 and 24 East, Eddy County, New Mexico, of which 21,121.76 acres or 87.34% is land of the United States, 2,619.71 acres or 11.37% is land of the State of New Mexico, and 298.82 acres or 1.29% is patented or privately owned land.

That said agreement has been executed by a substantial number of the owners of oil and gas leases embracing the lands included in said unit area.

2. That the area described in said unit agreement has heretofore been designated by the Director of the United States Geological Survey as one suitable and proper for unitization, and all of the lands embraced therein are believed to be situated upon the same geological structure. 3. That said agreement has heretofore been approved as to form thereof by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico, and after an opportunity has been given for all of the owners of oil and gas leases embracing lands of the State of New Mexico which are within the unit area, to join in the agreement, the same will be promptly submitted for the approval of the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, and it is anticipated that such approval will be obtained by the time a hearing is had on this application.

4. That the undersigned is designated as the Unit Operator in said agreement, and the Unit Operator is given authority under the terms of said agreement to carry on operations necessary for the exploration and development of the unit area for oil and gas, subject to the regulations of the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, and the New Mexico Oil Conservation Commission; that under the terms of the agreement a well is to be commenced at a location upon some part of the lands embraced in the unit area within six months of the effective date of the agreement and drilled with due diligence to a depth of not less than 4,000 feet, unless oil or gas is found at a lesser depth, or unless at a lesser depth, an igneous or metamorphic formation or some other condition or formation is encountered which would render further drilling inadvisable or impracticable.

5. All operations carried on pursuant to the unit agreement are to be conducted so as to provide for the most economical and effecient recovery of oil and gas to the end

-2-

that the maximum yield may be obtained from the field or area if oil or gas should be discovered in paying quantities, and the production is to be limited to such production as can be put to beneficial use with adequate realization of fuel and other values and it is believed that such agreement will be in the interest of conservation of oil and gas and the prevention of waste as contemplated by the oil conservation statutes of the State of New Mexico.

WHEREFORE, the undersigned applicant respectfully requests that a public hearing be held on the matter of the approval of said unit agreement as provided by the statutes of the State of New Mexico and the regulations of the New Mexico Oil Conservation Commission, and that upon said hearing said unit agreement be approved by the New Mexico Oil Conservation Commission.

Respectfully submitted, POTASH COMPANY OF AMERICA Coop By

ATTEST 15 7 Secretary

-3-